

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025176.D
 Acq On : 17 Jul 2025 13:31
 Operator : CG/JU
 Sample : PB168902BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168902BSD

Quant Time: Jul 17 13:53:18 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	544317	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2044920	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1308861	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2536298	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2712133	20.000	ng	0.00
86) Perylene-d12	24.495	264	3139029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3861090	125.685	ng	0.00
7) Phenol-d6	6.643	99	4644653	115.857	ng	0.01
23) Nitrobenzene-d5	8.572	82	2728942	88.751	ng	0.00
42) 2,4,6-Tribromophenol	15.636	330	2326408	150.459	ng	0.02
45) 2-Fluorobiphenyl	12.695	172	7223603	85.498	ng	0.00
79) Terphenyl-d14	19.683	244	10626617	86.113	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	424278	35.517	ng	99
3) Pyridine	3.490	79	1189656	36.376	ng	98
4) n-Nitrosodimethylamine	3.402	42	539318	38.947	ng	91
6) Aniline	6.778	93	1681084	44.881	ng	99
8) 2-Chlorophenol	7.019	128	1584404	46.096	ng	98
9) Benzaldehyde	6.596	77	935038	44.660	ng	96
10) Phenol	6.666	94	1773239	43.532	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1320573	42.124	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1708718	44.419	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1722685	44.231	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1624691	43.365	ng	99
15) Benzyl Alcohol	7.678	79	1169870	43.722	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1642420	40.293	ng	99
17) 2-Methylphenol	7.884	107	1191711	45.417	ng	99
18) Hexachloroethane	8.496	117	591065	46.585	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	948156	39.880	ng	97
20) 3+4-Methylphenols	8.207	107	1614880	43.939	ng	99
22) Acetophenone	8.243	105	2028423	41.943	ng	99
24) Nitrobenzene	8.613	77	1394095	44.512	ng	95
25) Isophorone	9.143	82	2626580	45.709	ng	99
26) 2-Nitrophenol	9.307	139	816291	53.316	ng	99
27) 2,4-Dimethylphenol	9.390	122	1397011	65.173	ng	98
28) bis(2-Chloroethoxy)met...	9.619	93	1706911	43.748	ng	99
29) 2,4-Dichlorophenol	9.854	162	1433586	48.232	ng	98
30) 1,2,4-Trichlorobenzene	10.054	180	1525492	46.347	ng	99
31) Naphthalene	10.243	128	4464470	42.399	ng	100
32) Benzoic acid	9.537	122	1093148	50.654	ng	95
33) 4-Chloroaniline	10.343	127	1003617	25.540	ng	99
34) Hexachlorobutadiene	10.543	225	928742	49.169	ng	99
35) Caprolactam	11.131	113	455756m	44.822	ng	
36) 4-Chloro-3-methylphenol	11.496	107	1409779	45.388	ng	99
37) 2-Methylnaphthalene	11.866	142	2826007	38.038	ng	99
38) 1-Methylnaphthalene	12.090	142	2952367	40.746	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1657985	44.076	ng	99
41) Hexachlorocyclopentadiene	12.231	237	2194389	223.334	ng	98
43) 2,4,6-Trichlorophenol	12.495	196	1188282	52.169	ng	98

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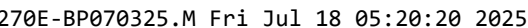
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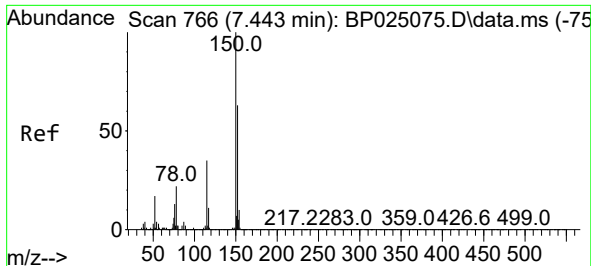
Quant Time: Jul 17 13:53:18 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	1294542	50.150	ng	97
46) 1,1'-Biphenyl	12.907	154	4133833	43.408	ng	100
47) 2-Chloronaphthalene	12.937	162	3215077	44.918	ng	100
48) 2-Nitroaniline	13.154	65	821502	46.919	ng	93
49) Acenaphthylene	13.807	152	5169469	47.188	ng	100
50) Dimethylphthalate	13.560	163	3946107	43.070	ng	99
51) 2,6-Dinitrotoluene	13.666	165	892500	49.947	ng	91
52) Acenaphthene	14.160	154	2955874	41.863	ng	99
53) 3-Nitroaniline	13.990	138	658484	34.386	ng	99
54) 2,4-Dinitrophenol	14.219	184	1108866	123.814	ng	93
55) Dibenzofuran	14.513	168	4384012	37.622	ng	99
56) 4-Nitrophenol	14.331	139	1568718	88.768	ng	99
57) 2,4-Dinitrotoluene	14.484	165	1154429	44.239	ng	90
58) Fluorene	15.172	166	3835866	42.559	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1054743	45.121	ng	96
60) Diethylphthalate	14.966	149	3965786	43.096	ng	100
61) 4-Chlorophenyl-phenyle...	15.184	204	1916732	42.972	ng	98
62) 4-Nitroaniline	15.195	138	987638	49.185	ng	98
63) Azobenzene	15.478	77	3233713	39.463	ng	97
65) 4,6-Dinitro-2-methylph...	15.266	198	706830	59.702	ng	93
66) n-Nitrosodiphenylamine	15.395	169	3429360	47.246	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1173699	45.196	ng	99
68) Hexachlorobenzene	16.201	284	1410448	44.436	ng	96
69) Atrazine	16.395	200	1173721	55.183	ng	99
70) Pentachlorophenol	16.560	266	2135677	99.628	ng	100
71) Phenanthrene	16.954	178	6197907	45.732	ng	100
72) Anthracene	17.054	178	6227348	47.896	ng	100
73) Carbazole	17.342	167	5840907	45.946	ng	100
74) Di-n-butylphthalate	17.960	149	7093260	50.106	ng	99
75) Fluoranthene	19.054	202	6593067	41.619	ng	99
77) Benzidine	19.277	184	4313884	90.060	ng	98
78) Pyrene	19.436	202	7400626	44.056	ng	100
80) Butylbenzylphthalate	20.436	149	2996147	46.424	ng	99
81) Benzo(a)anthracene	21.330	228	7664985	46.635	ng	100
82) 3,3'-Dichlorobenzidine	21.266	252	2022833	40.883	ng	99
83) Chrysene	21.395	228	7057555	44.620	ng	100
84) Bis(2-ethylhexyl)phtha...	21.319	149	4821834	54.694	ng	99
85) Di-n-octyl phthalate	22.542	149	8313359	50.991	ng	98
87) Indeno(1,2,3-cd)pyrene	28.042	276	9905155m	49.532	ng	
88) Benzo(b)fluoranthene	23.518	252	7307428	39.995	ng	99
89) Benzo(k)fluoranthene	23.583	252	7303026	40.172	ng	100
90) Benzo(a)pyrene	24.360	252	7732491	49.726	ng	99
91) Dibenzo(a,h)anthracene	28.124	278	8252125	49.923	ng	98
92) Benzo(g,h,i)perylene	29.136	276	7510197	43.981	ng	100

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

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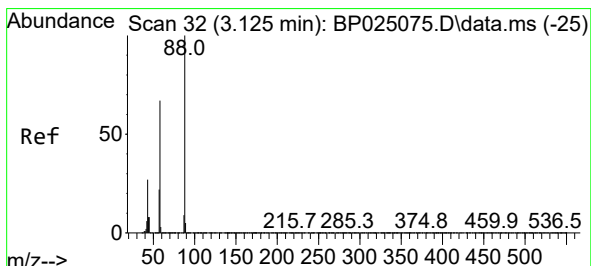
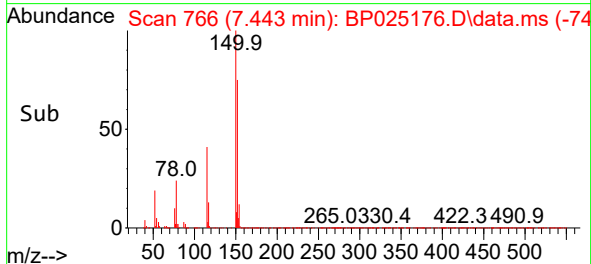
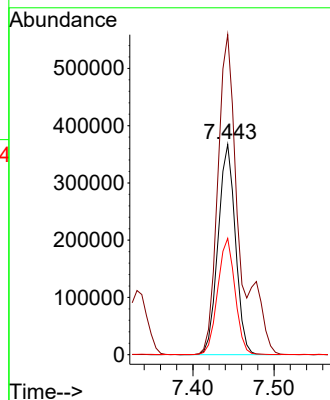
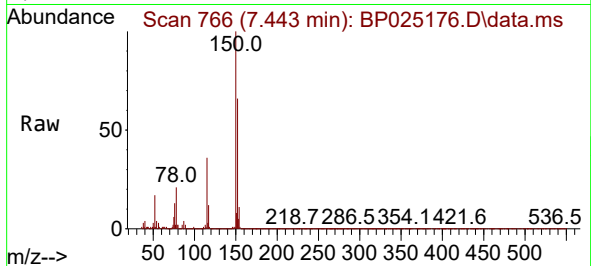




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BP025176.D
 Acq: 17 Jul 2025 13:31

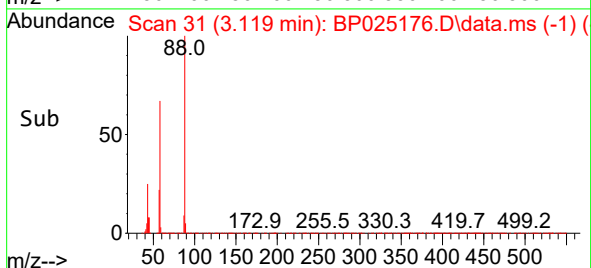
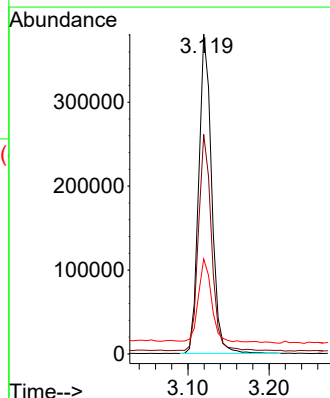
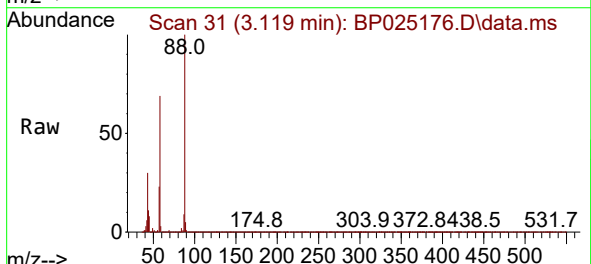
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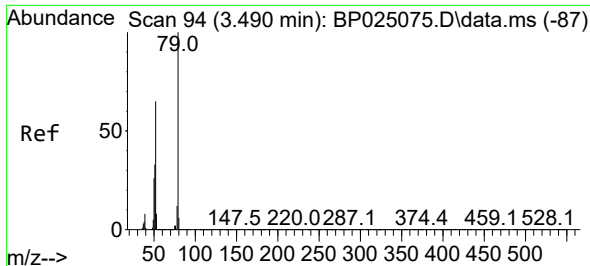
Tgt Ion:152 Resp: 544317
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.1 189.1
 115 55.3 44.3 66.5



#2
 1,4-Dioxane
 Concen: 35.517 ng
 RT: 3.119 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP025176.D
 Acq: 17 Jul 2025 13:31

Tgt Ion: 88 Resp: 424278
 Ion Ratio Lower Upper
 88 100
 58 68.9 55.0 82.4
 43 28.4 21.9 32.9

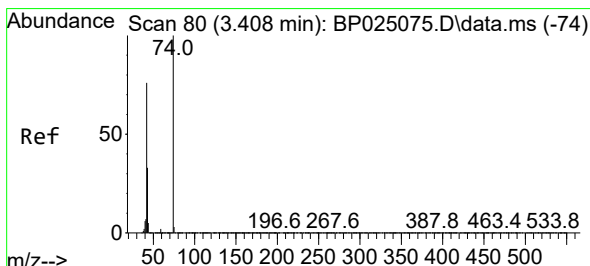
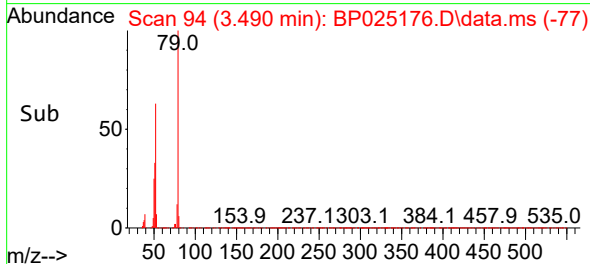
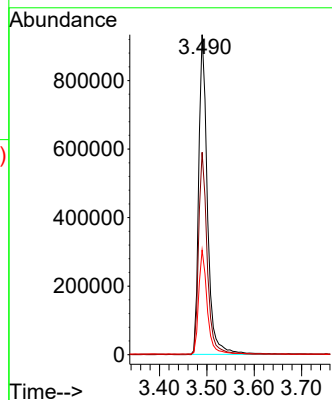
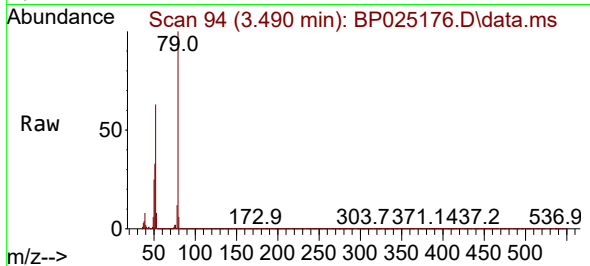




#3
Pyridine
Concen: 36.376 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

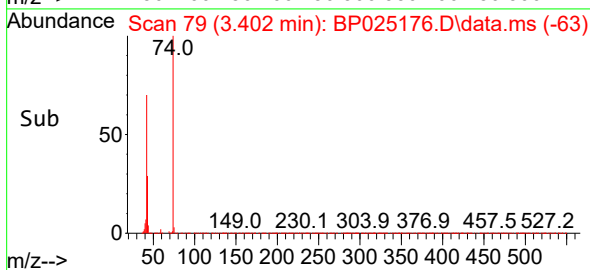
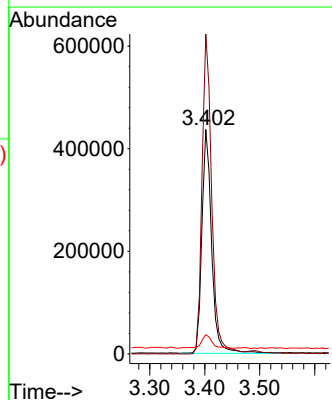
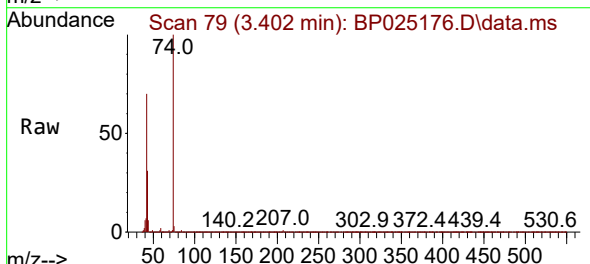
Instrument :
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ClientSampleId :
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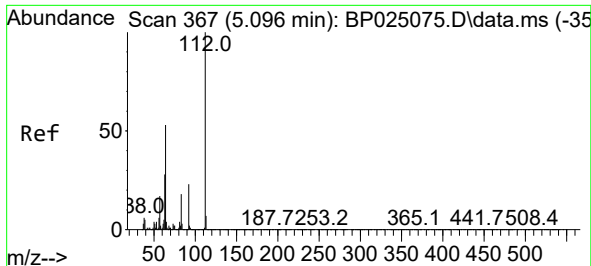
Tgt Ion: 79 Resp: 1189656
Ion Ratio Lower Upper
79 100
52 63.2 52.2 78.4
51 32.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 38.947 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion: 42 Resp: 539318
Ion Ratio Lower Upper
42 100
74 142.6 105.2 157.8
44 8.5 6.6 9.8

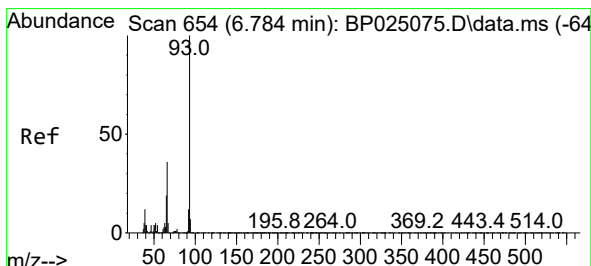
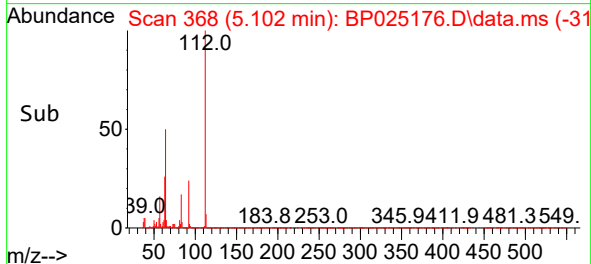
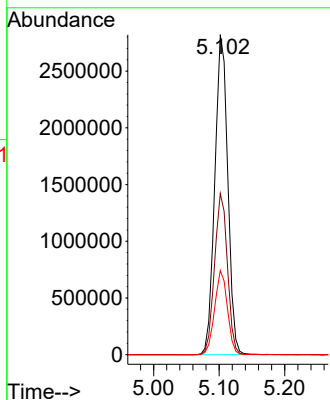
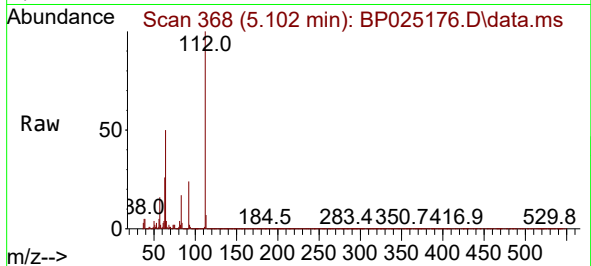




#5
2-Fluorophenol
Concen: 125.685 ng
RT: 5.102 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

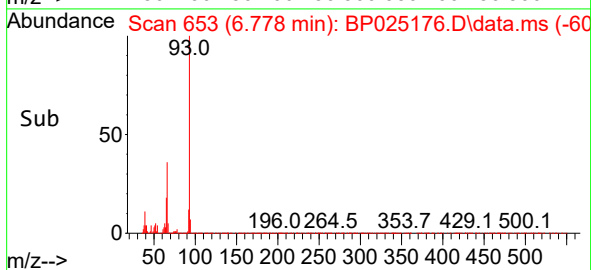
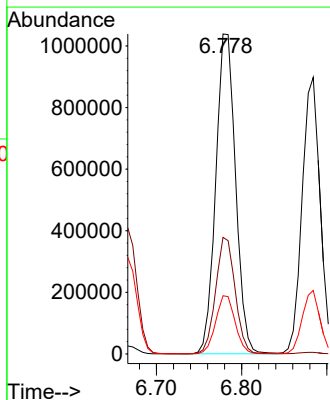
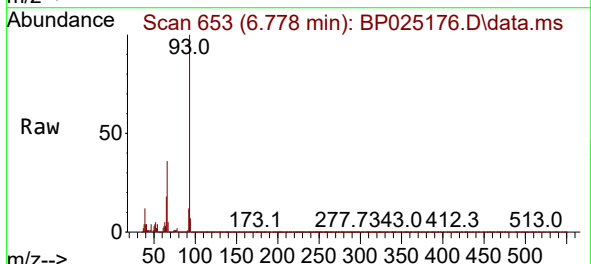
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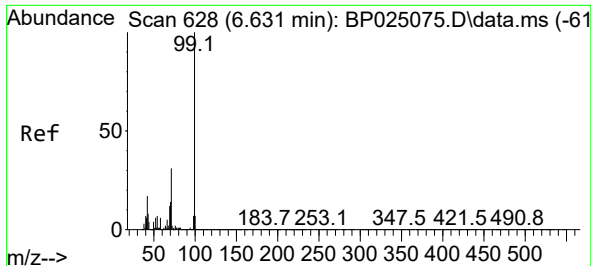
Tgt Ion:112 Resp: 3861090
Ion Ratio Lower Upper
112 100
64 50.3 42.0 63.0
63 26.3 22.2 33.2



#6
Aniline
Concen: 44.881 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion: 93 Resp: 1681084
Ion Ratio Lower Upper
93 100
66 36.5 28.9 43.3
65 18.2 15.2 22.8

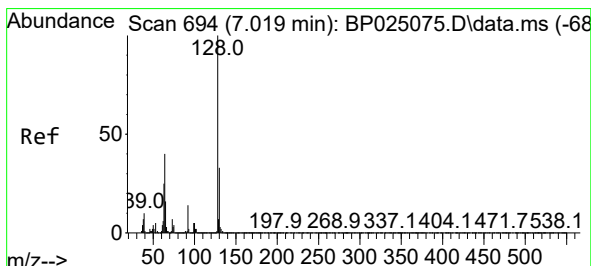
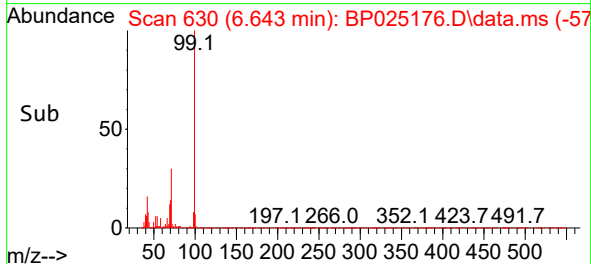
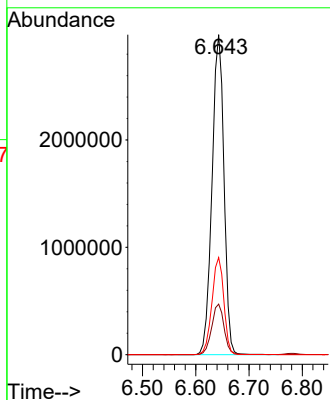
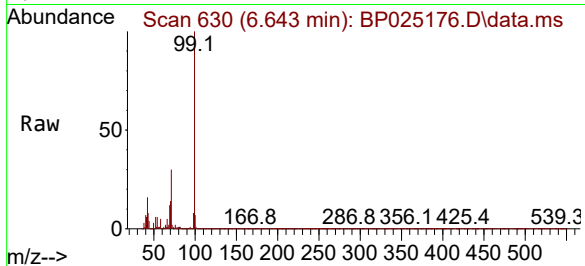




#7
Phenol-d6
Concen: 115.857 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

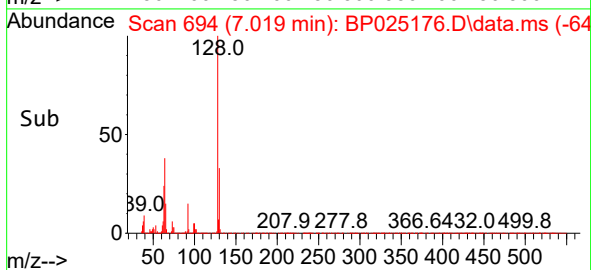
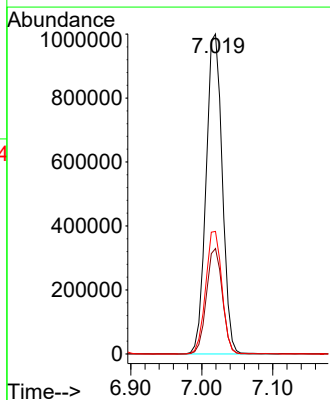
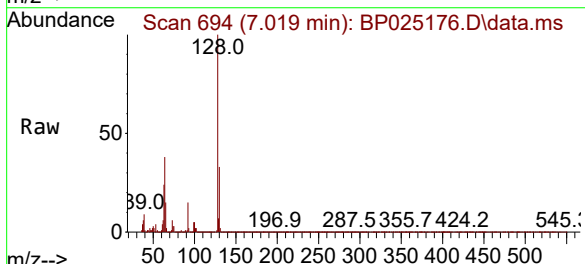
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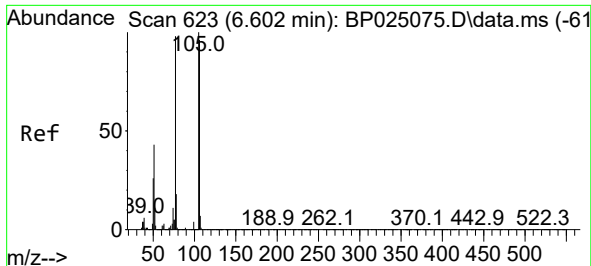
Tgt Ion: 99 Resp: 4644653
Ion Ratio Lower Upper
99 100
42 15.8 13.6 20.4
71 30.3 24.4 36.6



#8
2-Chlorophenol
Concen: 46.096 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion: 128 Resp: 1584404
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 38.3 20.3 60.3

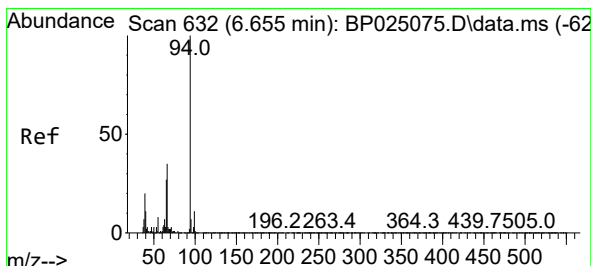
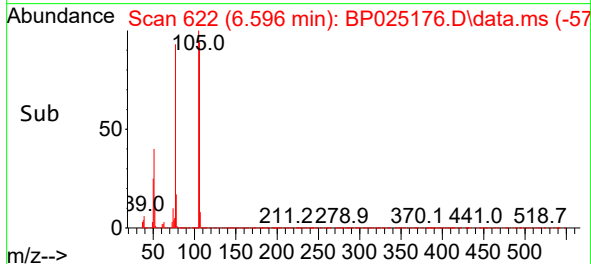
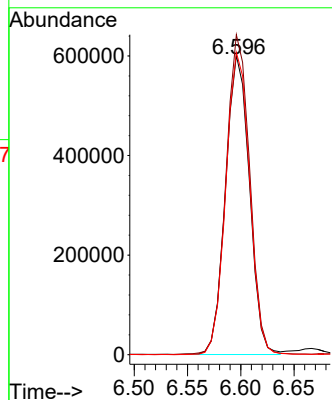
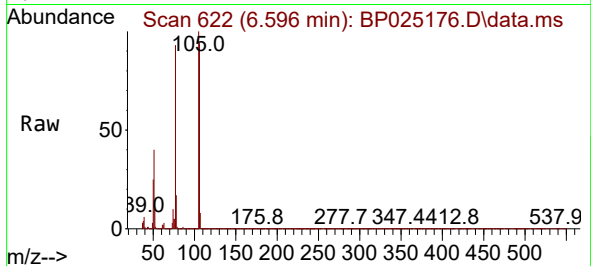




#9
Benzaldehyde
Concen: 44.660 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

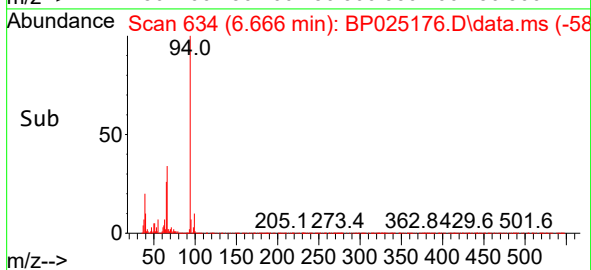
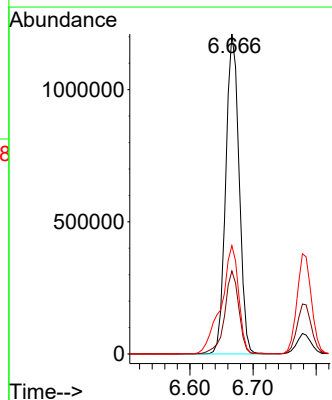
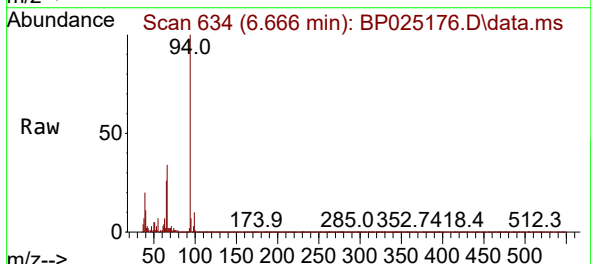
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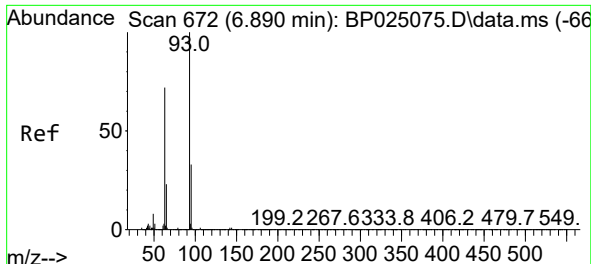
Tgt Ion: 77 Resp: 935038
Ion Ratio Lower Upper
77 100
105 107.0 82.4 122.4
106 101.0 78.3 118.3



#10
Phenol
Concen: 43.532 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025176.D
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Tgt Ion: 94 Resp: 1773239
Ion Ratio Lower Upper
94 100
65 25.9 6.9 46.9
66 33.9 14.6 54.6

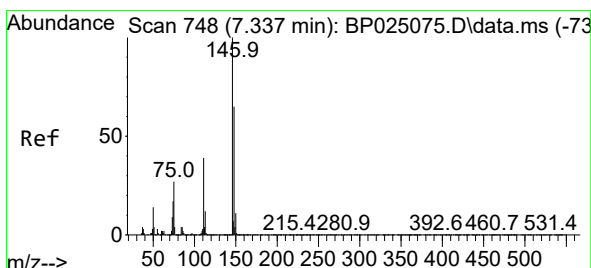
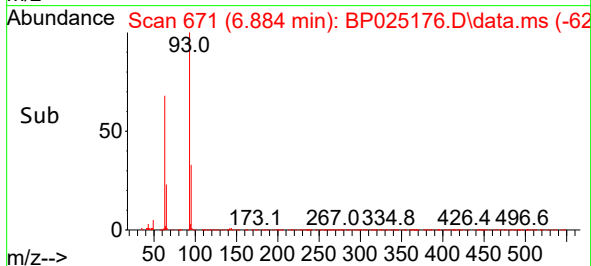
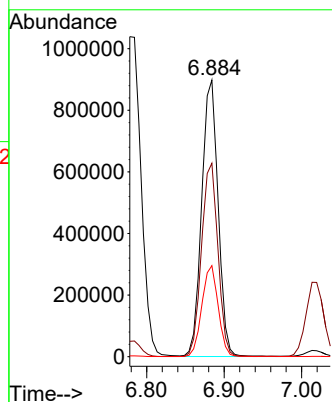
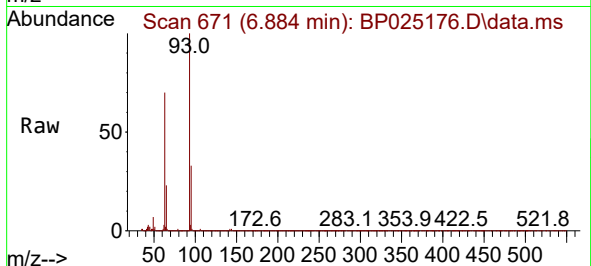




#11
bis(2-Chloroethyl)ether
Concen: 42.124 ng
RT: 6.884 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

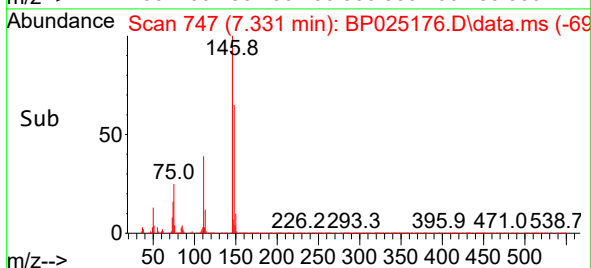
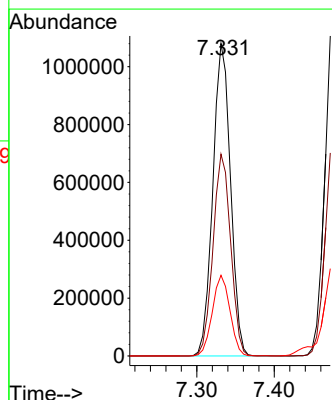
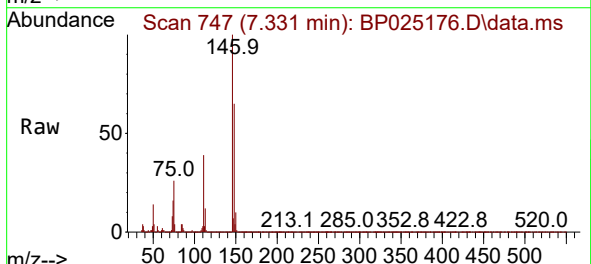
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

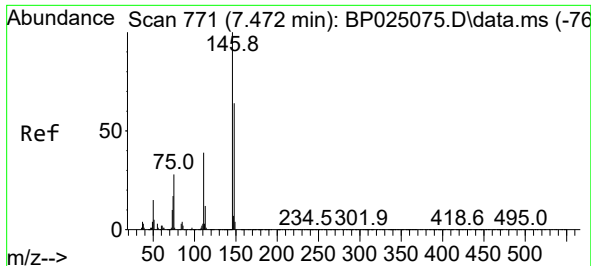
Tgt Ion: 93 Resp: 1320573
Ion Ratio Lower Upper
93 100
63 70.0 51.9 91.9
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.419 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:146 Resp: 1708718
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 25.8 21.8 32.6

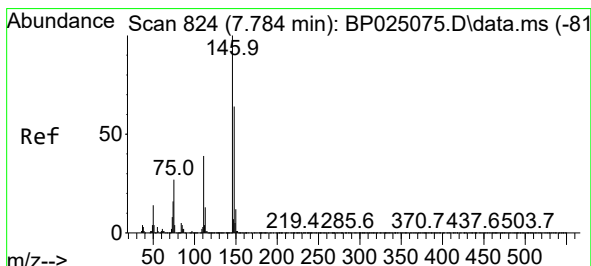
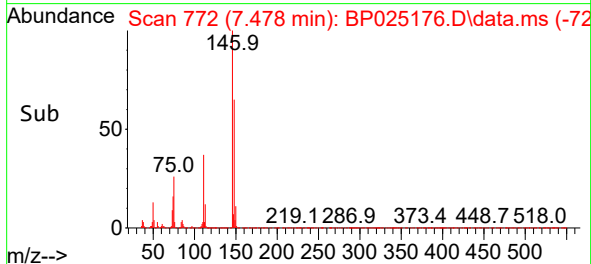
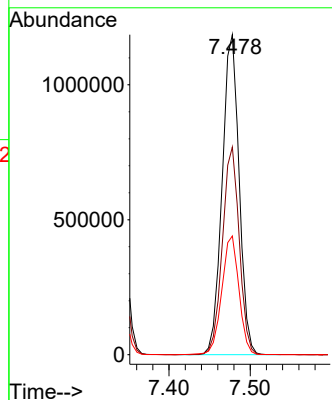
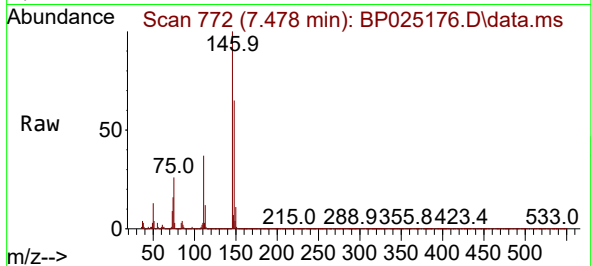




#13
1,4-Dichlorobenzene
Concen: 44.231 ng
RT: 7.478 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

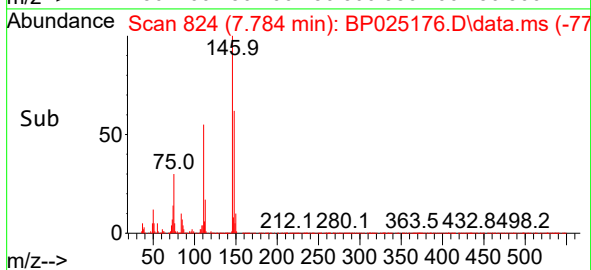
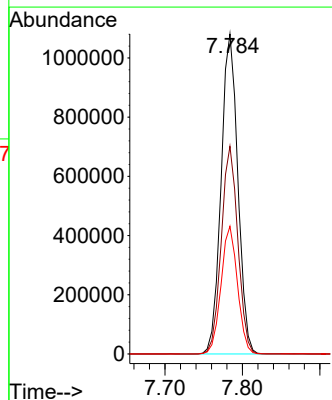
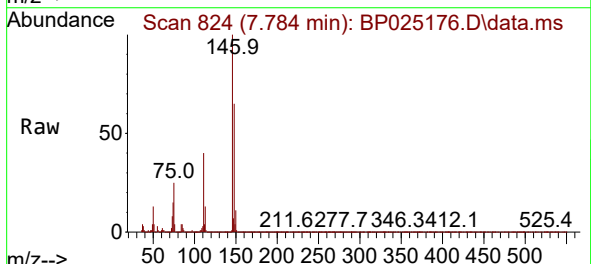
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

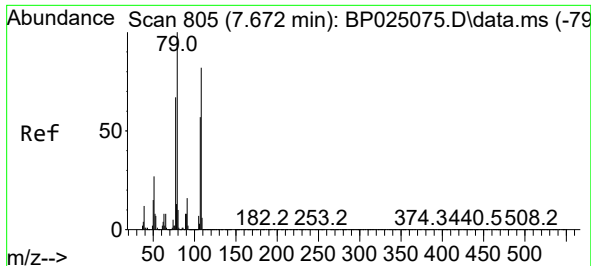
Tgt Ion:146 Resp: 1722685
Ion Ratio Lower Upper
146 100
148 64.9 51.1 76.7
111 37.1 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 43.365 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:146 Resp: 1624691
Ion Ratio Lower Upper
146 100
148 64.9 51.1 76.7
111 39.9 31.2 46.8

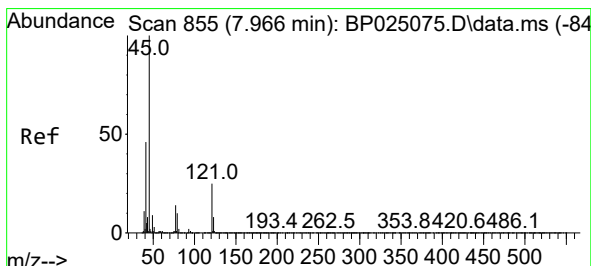
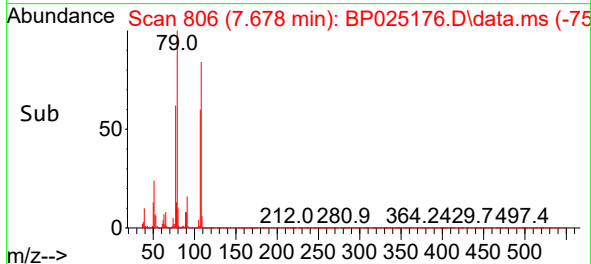
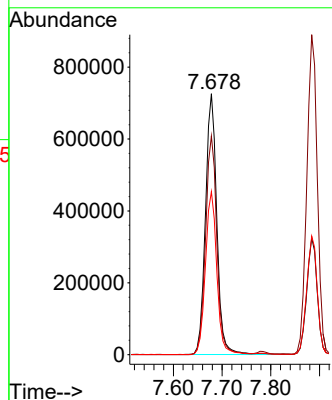
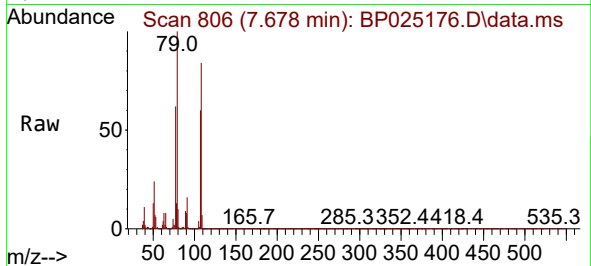




#15
Benzyl Alcohol
Concen: 43.722 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

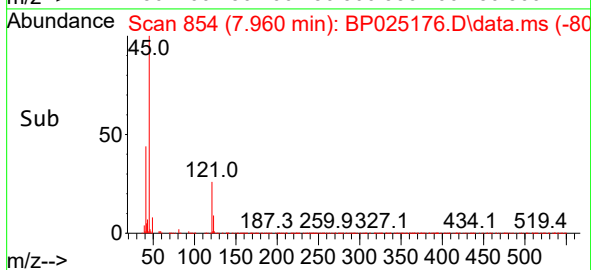
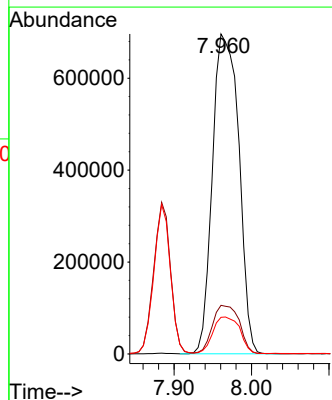
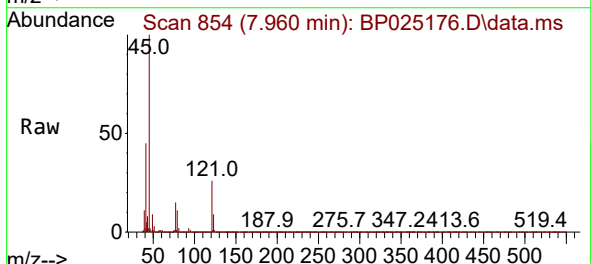
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

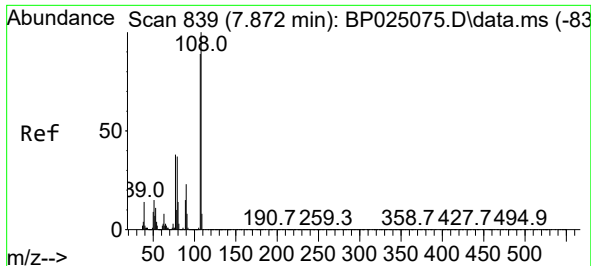
Tgt Ion: 79 Resp: 1169870
Ion Ratio Lower Upper
79 100
108 83.8 66.0 99.0
77 62.5 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.293 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion: 45 Resp: 1642420
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.8
79 11.5 0.0 30.7





#17

2-Methylphenol

Concen: 45.417 ng

RT: 7.884 min Scan# 841

Delta R.T. 0.012 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

Tgt Ion:107 Resp: 1191711

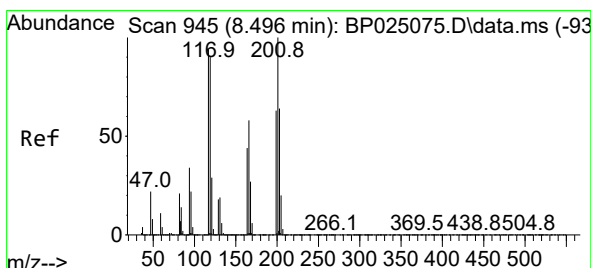
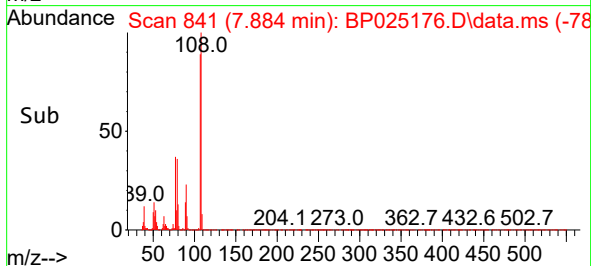
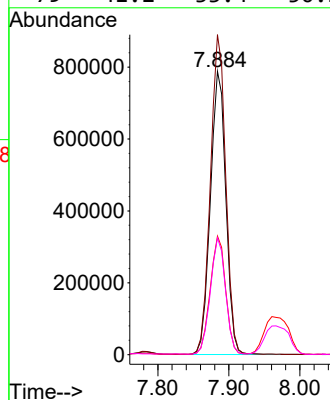
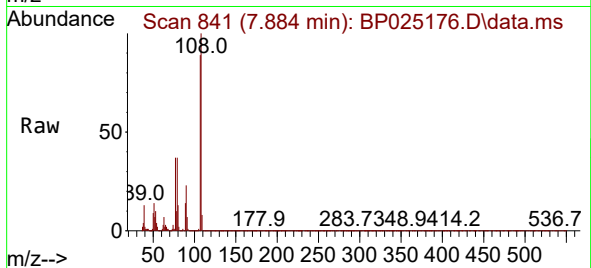
Ion Ratio Lower Upper

107 100

108 112.9 89.7 134.5

77 41.9 34.2 51.4

79 41.2 33.4 50.2



#18

Hexachloroethane

Concen: 46.585 ng

RT: 8.496 min Scan# 945

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

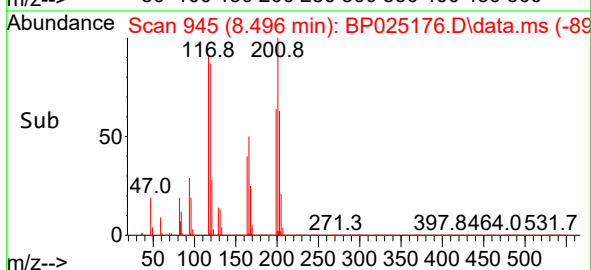
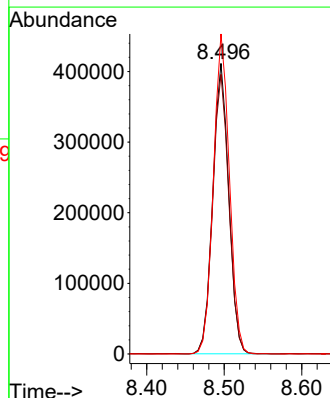
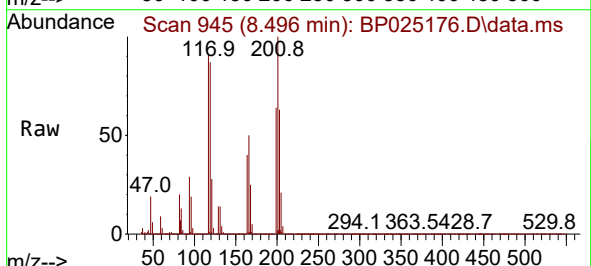
Tgt Ion:117 Resp: 591065

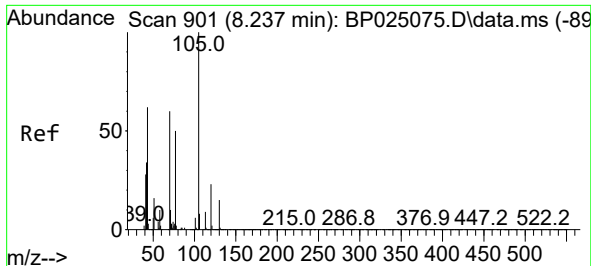
Ion Ratio Lower Upper

117 100

119 96.3 76.6 115.0

201 110.1 85.4 128.2



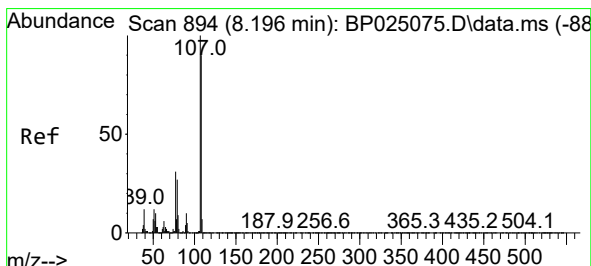
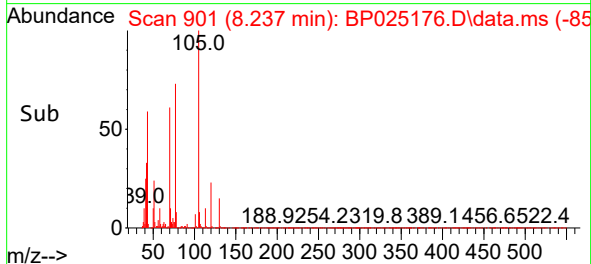
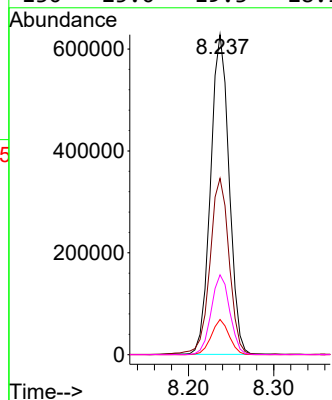
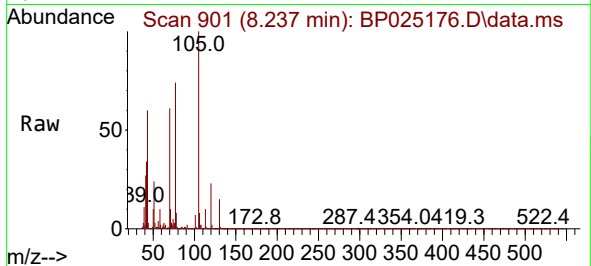


#19
n-Nitroso-di-n-propylamine
Concen: 39.880 ng
RT: 8.237 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Instrument :
BNA_P
ClientSampleId :
PB168902BSD

Tgt Ion: 70 Resp: 948156

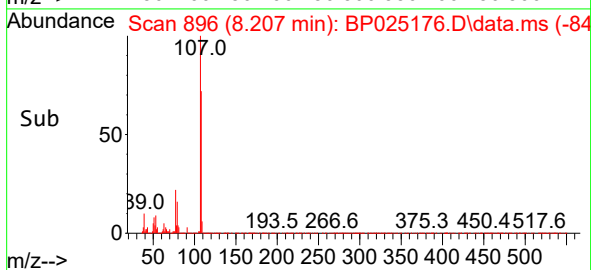
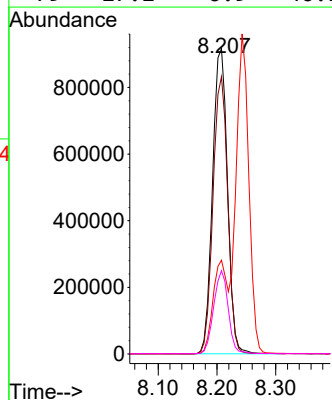
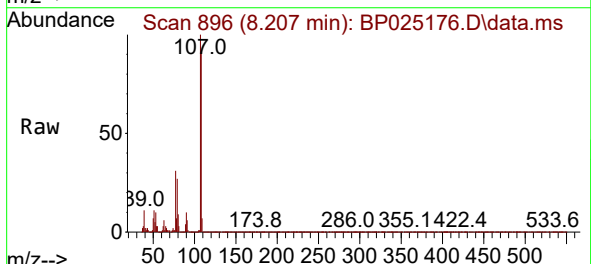
Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.5	69.7
101	11.0	7.9	11.9
130	25.0	19.3	28.9

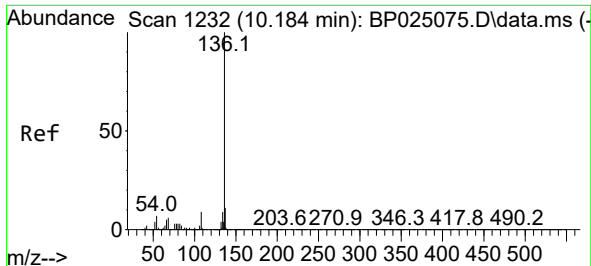


#20
3+4-Methylphenols
Concen: 43.939 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion: 107 Resp: 1614880

Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.5	109.5
77	30.7	11.4	51.4
79	27.2	6.9	46.9

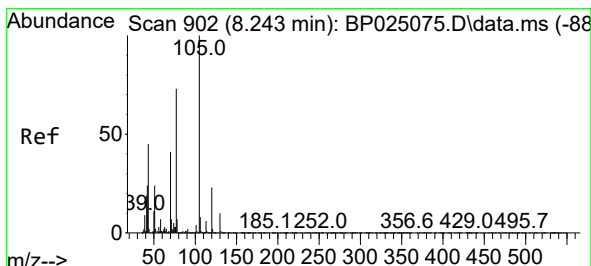
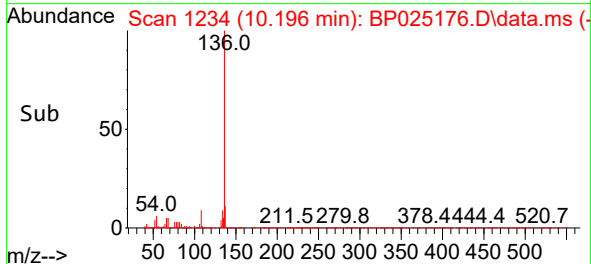
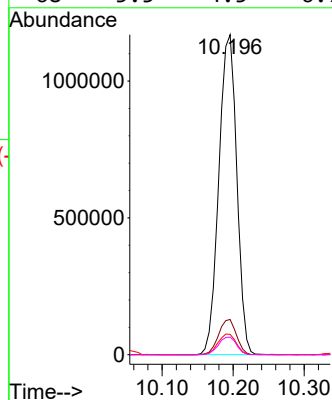
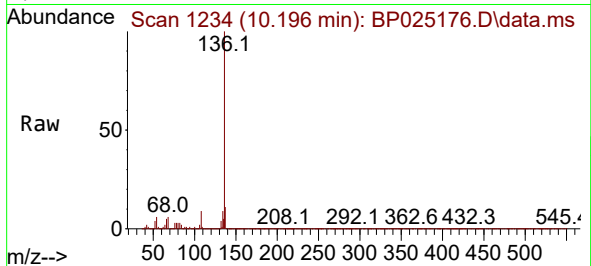




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1234
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

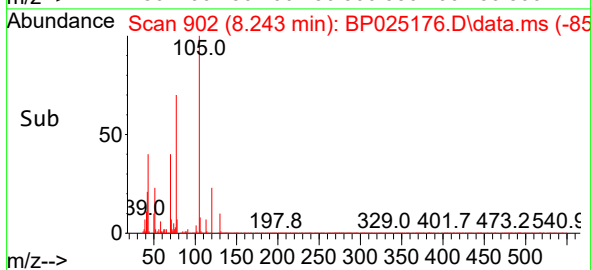
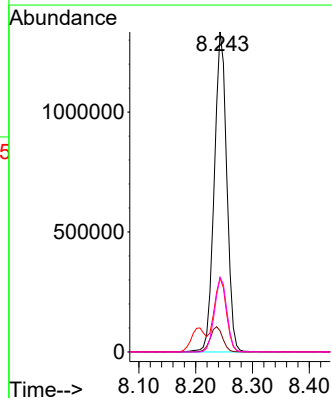
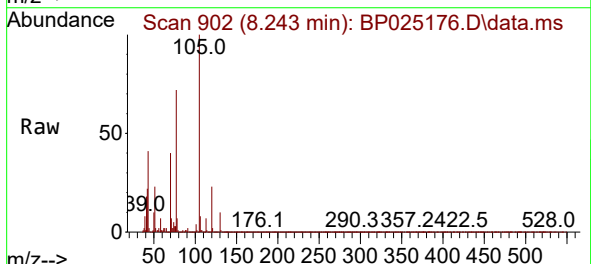
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

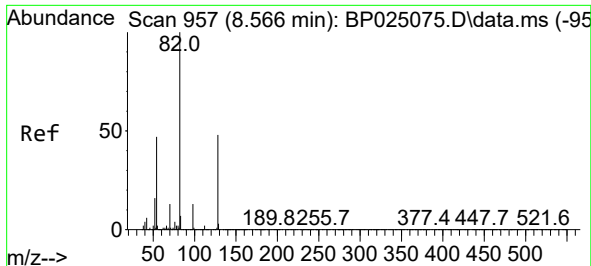
Tgt Ion:136 Resp: 2044920
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.4 5.4 8.2
68 5.5 4.5 6.7



#22
Acetophenone
Concen: 41.943 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:105 Resp: 2028423
Ion Ratio Lower Upper
105 100
71 6.6 5.4 8.2
51 23.1 19.6 29.4
120 23.3 18.8 28.2

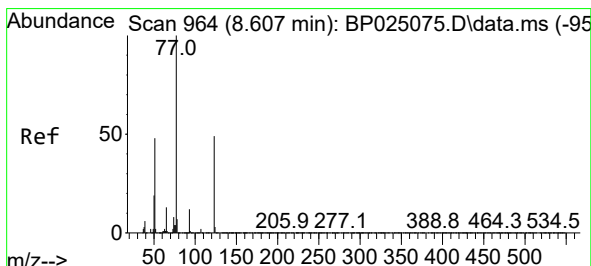
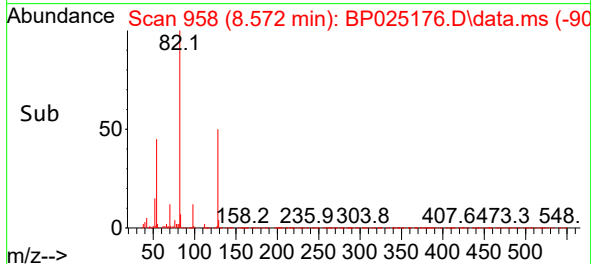
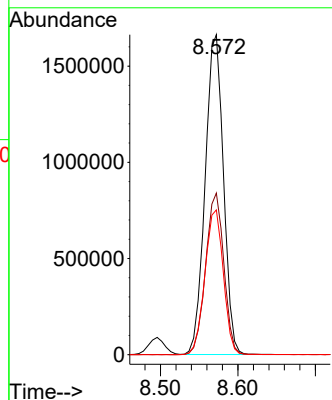
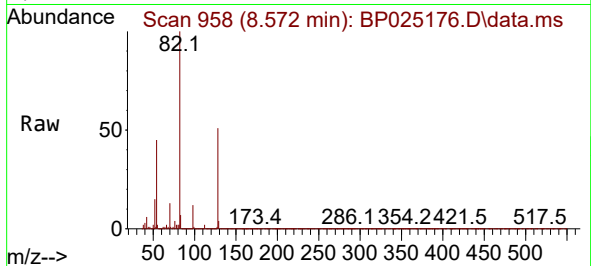




#23
Nitrobenzene-d5
Concen: 88.751 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

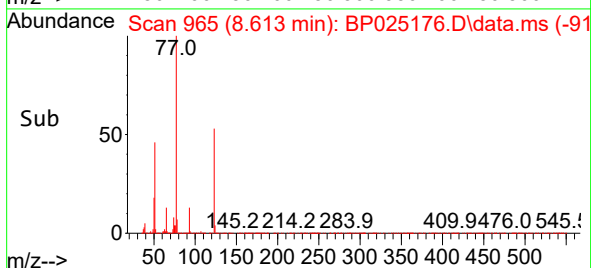
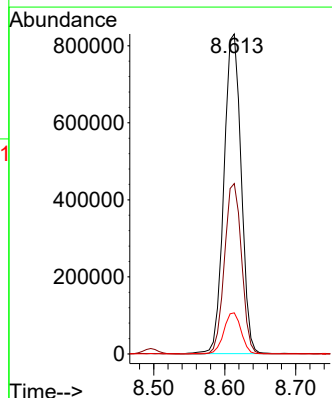
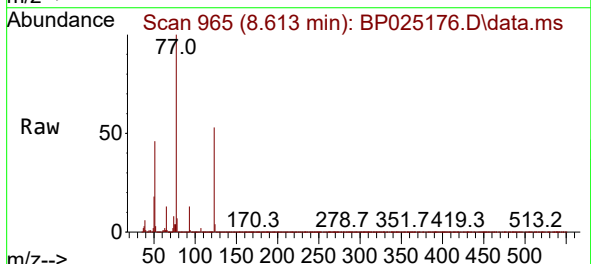
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

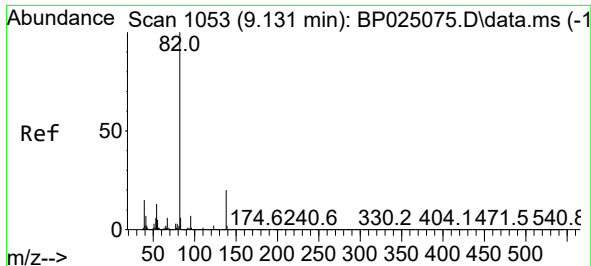
Tgt Ion: 82 Resp: 2728942
Ion Ratio Lower Upper
82 100
128 50.5 38.4 57.6
54 45.3 37.8 56.6



#24
Nitrobenzene
Concen: 44.512 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion: 77 Resp: 1394095
Ion Ratio Lower Upper
77 100
123 53.2 39.0 58.6
65 12.9 10.7 16.1

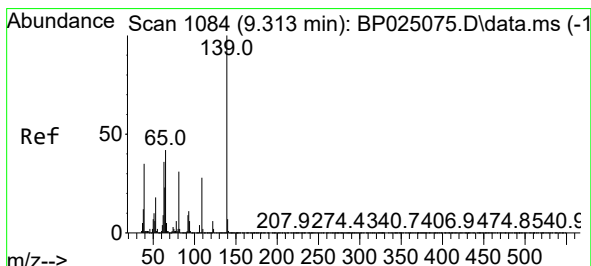
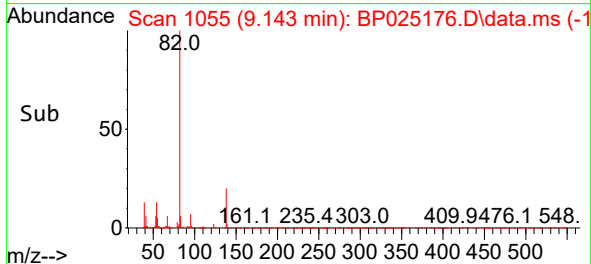
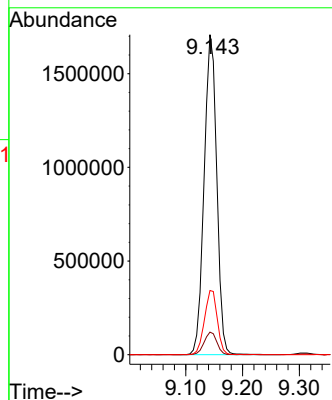
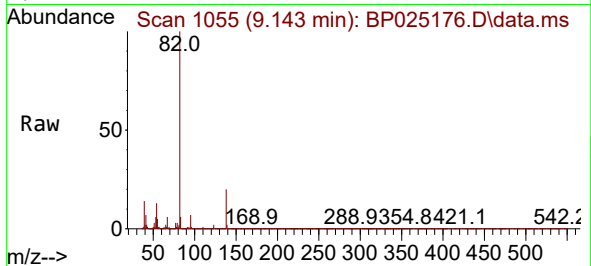




#25
Isophorone
Concen: 45.709 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

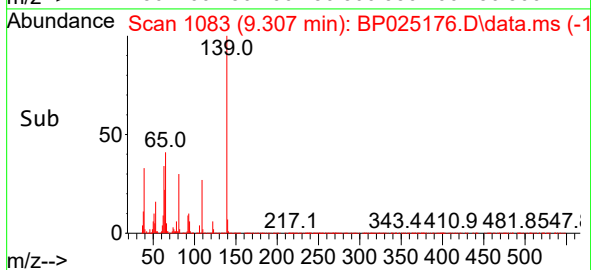
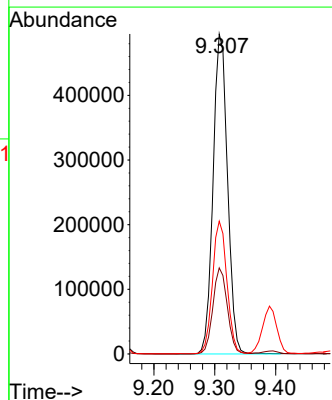
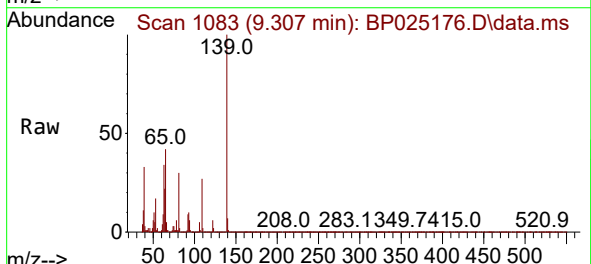
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

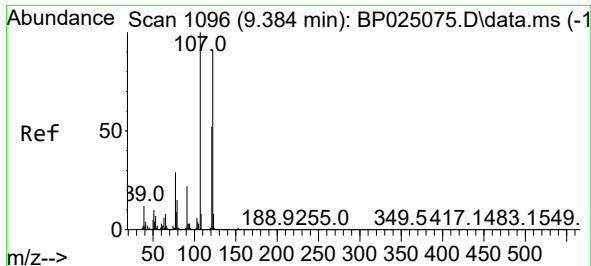
Tgt Ion: 82 Resp: 2626580
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 20.1 15.7 23.5



#26
2-Nitrophenol
Concen: 53.316 ng
RT: 9.307 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion: 139 Resp: 816291
Ion Ratio Lower Upper
139 100
109 26.9 22.3 33.5
65 41.5 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 65.173 ng

RT: 9.390 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

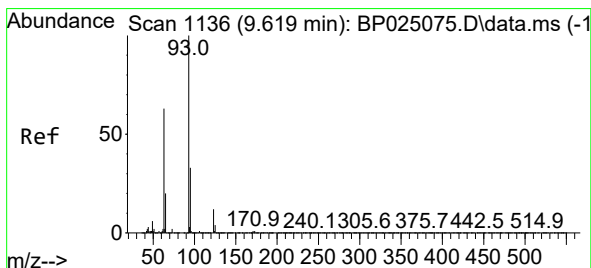
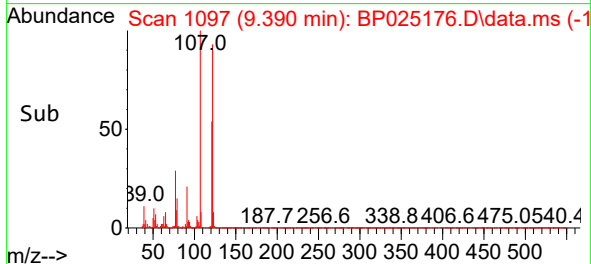
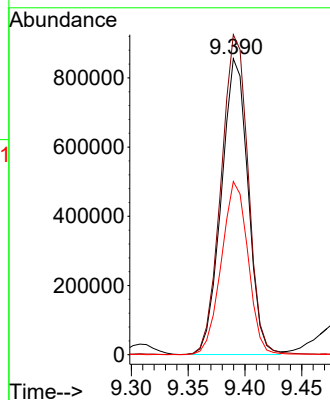
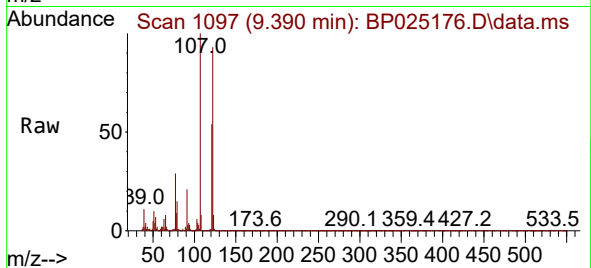
Tgt Ion:122 Resp: 1397011

Ion Ratio Lower Upper

122 100

107 108.1 88.2 132.2

121 58.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.748 ng

RT: 9.619 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

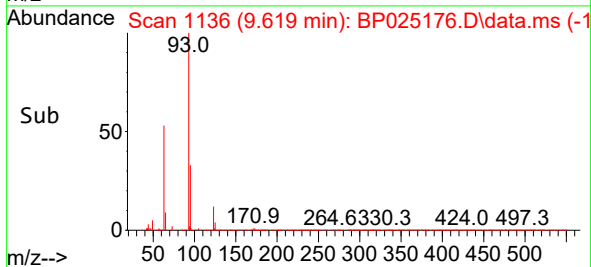
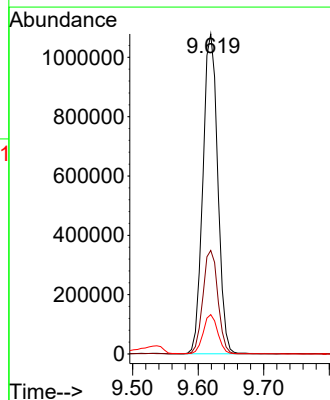
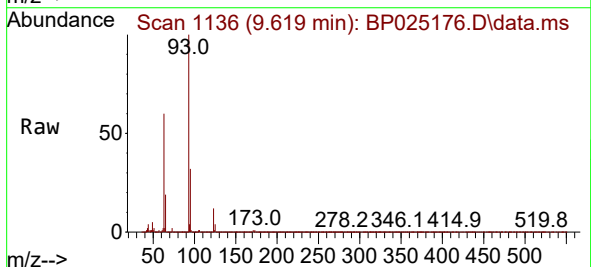
Tgt Ion: 93 Resp: 1706911

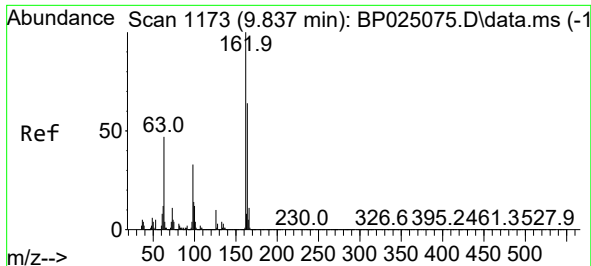
Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

123 12.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 48.232 ng

RT: 9.854 min Scan# 1173

Delta R.T. 0.018 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

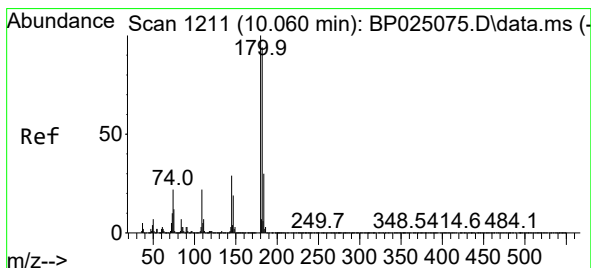
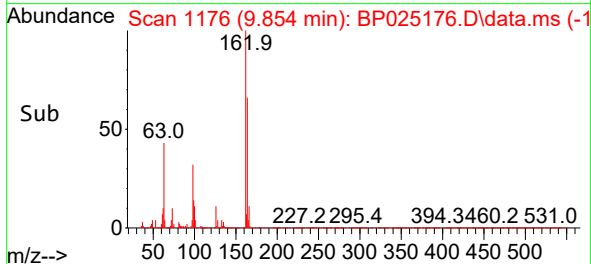
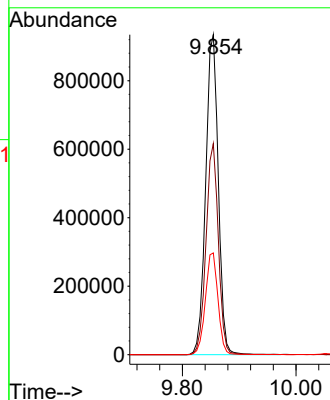
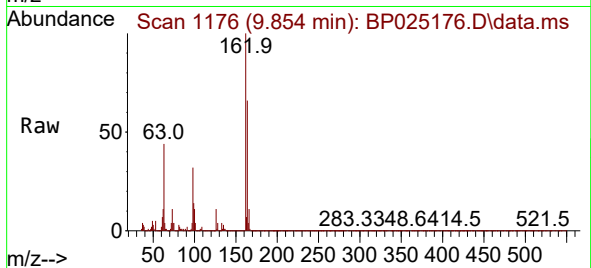
Tgt Ion:162 Resp: 1433586

Ion Ratio Lower Upper

162 100

164 66.0 44.1 84.1

98 31.8 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 46.347 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

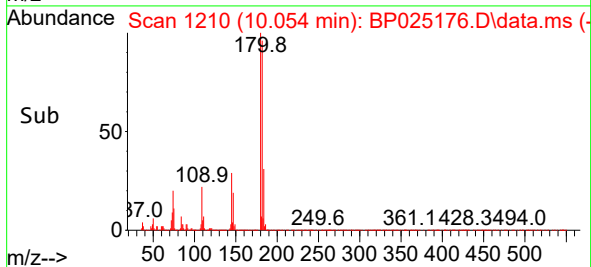
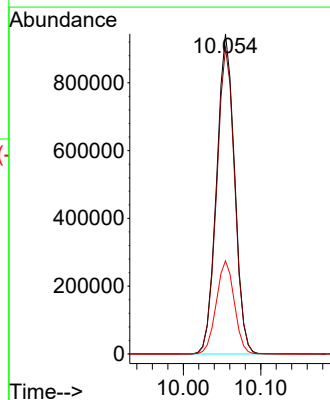
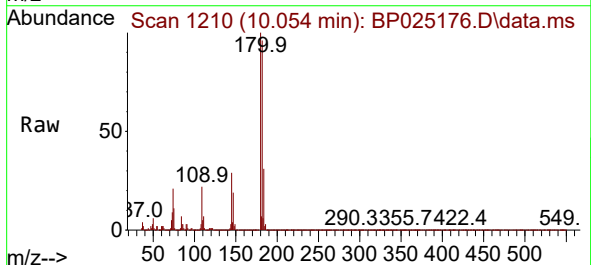
Tgt Ion:180 Resp: 1525492

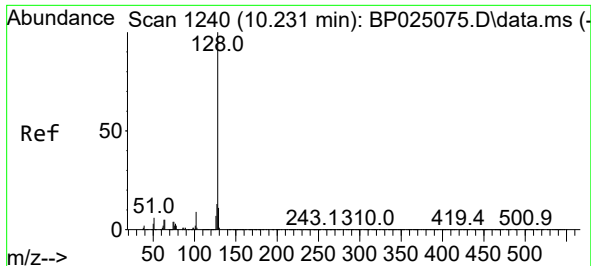
Ion Ratio Lower Upper

180 100

182 95.7 75.1 112.7

145 29.1 23.3 34.9

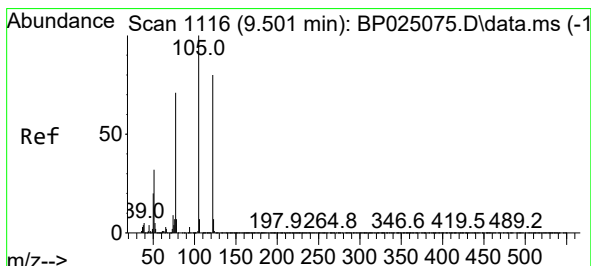
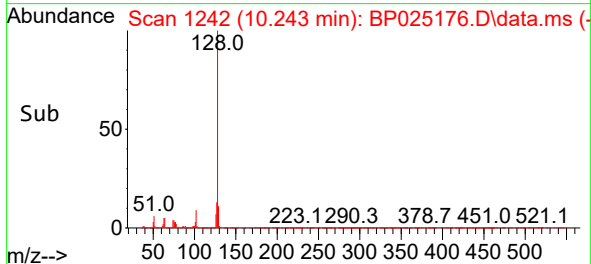
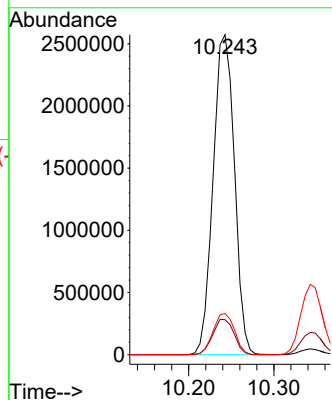
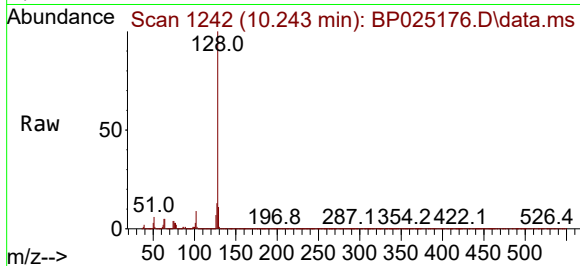




#31
Naphthalene
Concen: 42.399 ng
RT: 10.243 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

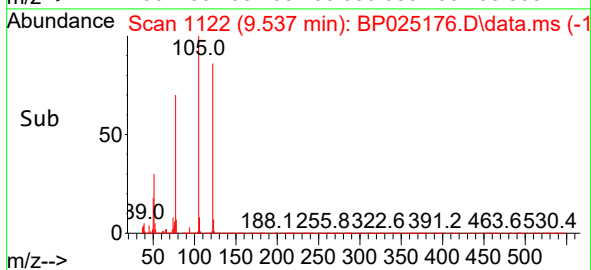
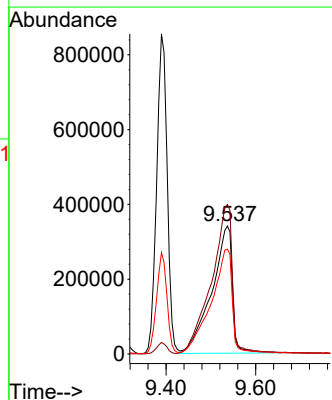
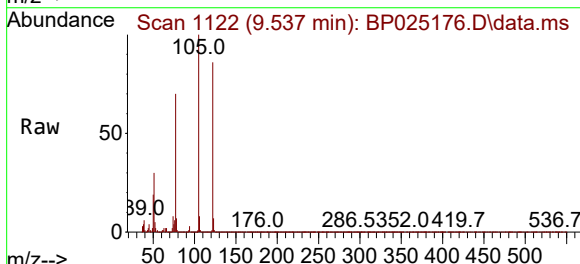
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

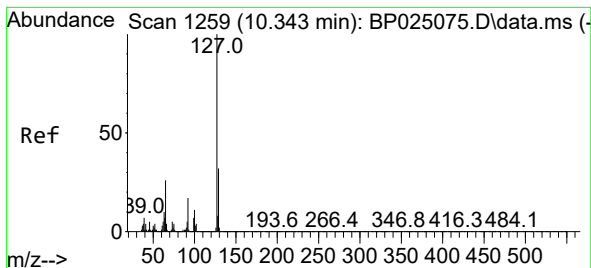
Tgt Ion:128 Resp: 4464470
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 50.654 ng
RT: 9.537 min Scan# 1122
Delta R.T. 0.036 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:122 Resp: 1093148
Ion Ratio Lower Upper
122 100
105 116.8 101.0 141.0
77 81.9 67.6 107.6





#33

4-Chloroaniline

Concen: 25.540 ng

RT: 10.343 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

Tgt Ion:127 Resp: 1003617

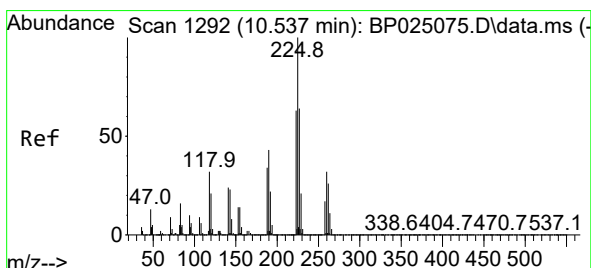
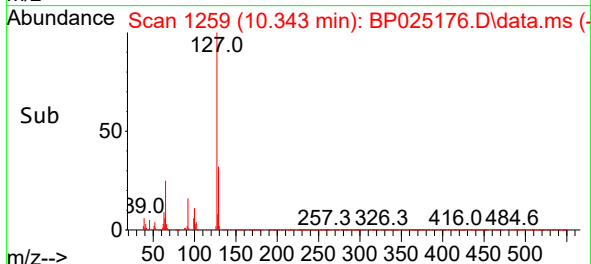
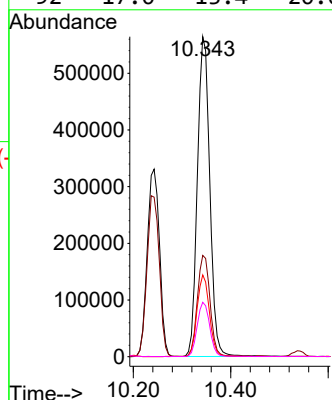
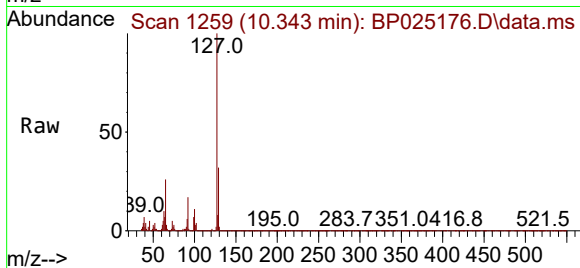
Ion Ratio Lower Upper

127 100

129 31.7 25.4 38.2

65 25.5 21.0 31.6

92 17.0 13.4 20.0



#34

Hexachlorobutadiene

Concen: 49.169 ng

RT: 10.543 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

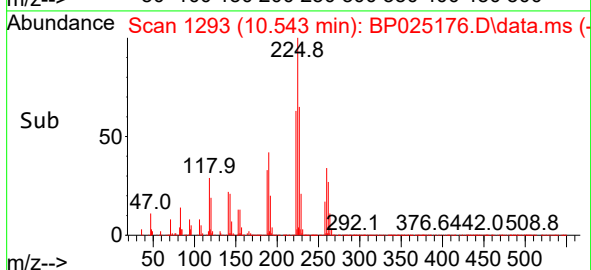
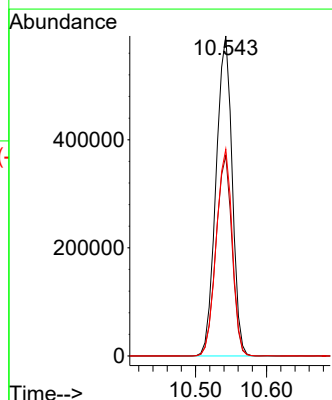
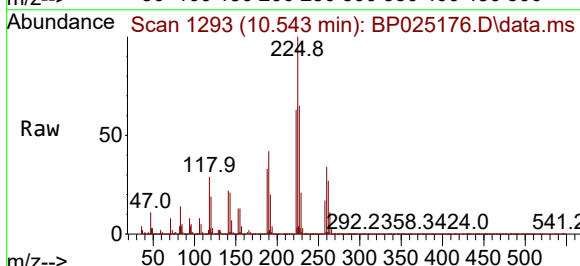
Tgt Ion:225 Resp: 928742

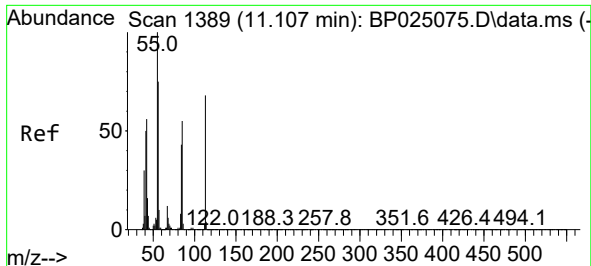
Ion Ratio Lower Upper

225 100

223 62.6 50.3 75.5

227 64.7 51.3 76.9

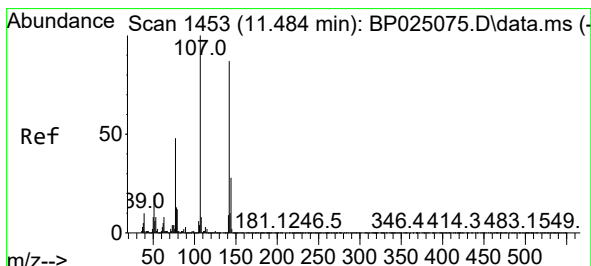
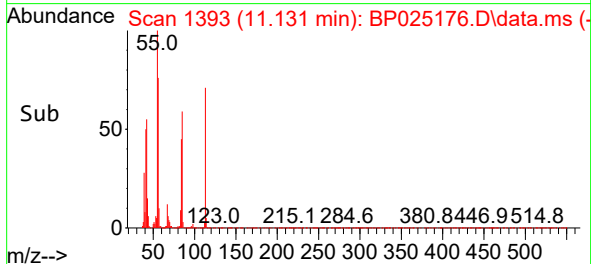
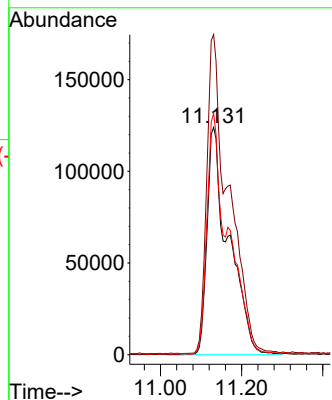
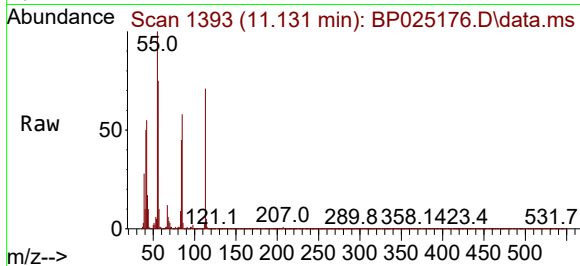




#35
Caprolactam
Concen: 44.822 ng m
RT: 11.131 min Scan# 11
Delta R.T. 0.024 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

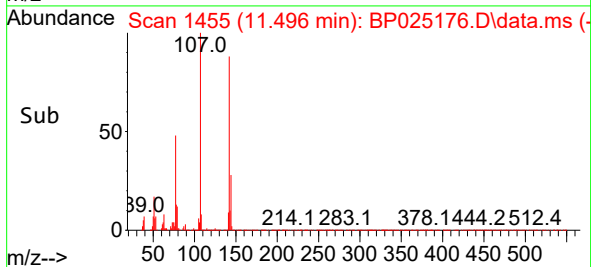
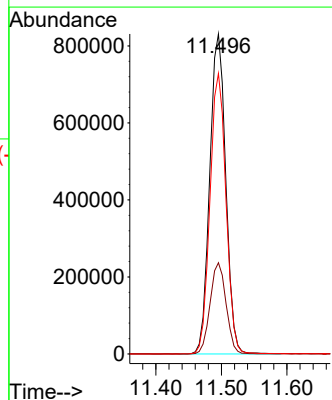
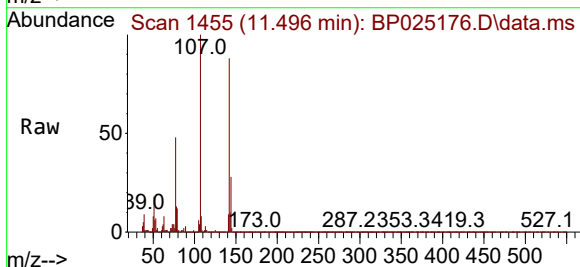
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

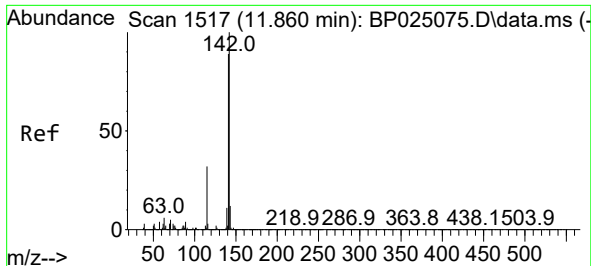
Tgt Ion:113 Resp: 455756
Ion Ratio Lower Upper
113 100
55 140.7 128.1 168.1
56 106.2 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 45.388 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:107 Resp: 1409779
Ion Ratio Lower Upper
107 100
144 28.5 22.4 33.6
142 87.7 69.6 104.4

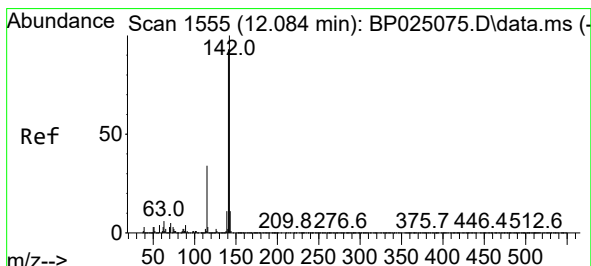
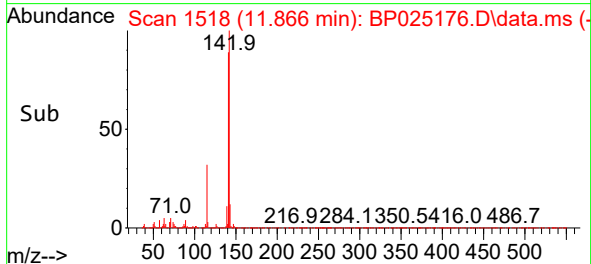
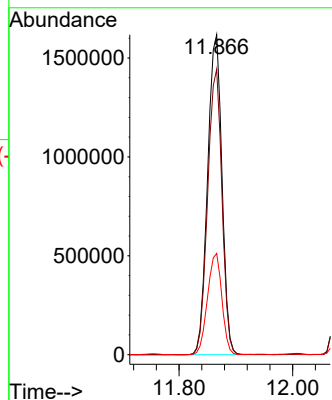
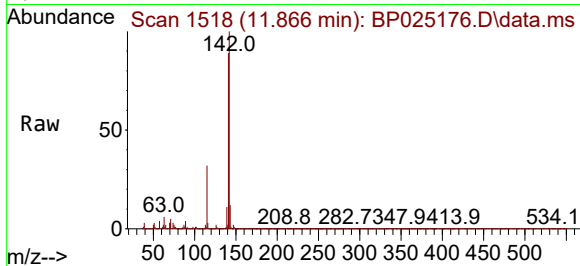




#37
2-Methylnaphthalene
Concen: 38.038 ng
RT: 11.866 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

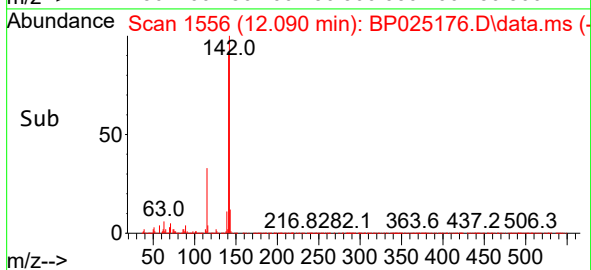
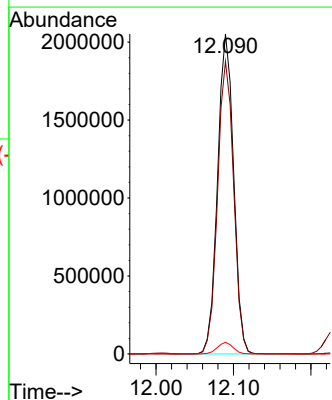
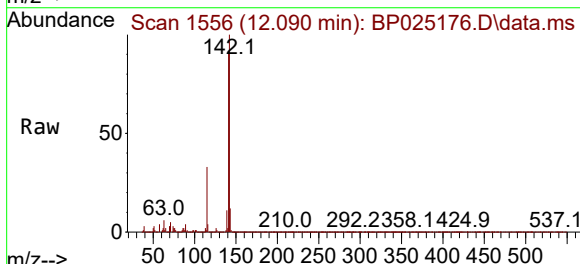
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

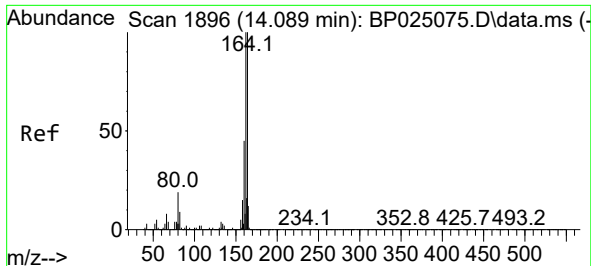
Tgt Ion:142 Resp: 2826007
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8
115 31.7 25.9 38.9



#38
1-Methylnaphthalene
Concen: 40.746 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:142 Resp: 2952367
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1
116 3.7 2.7 4.1

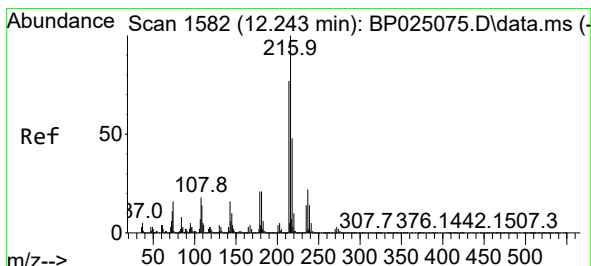
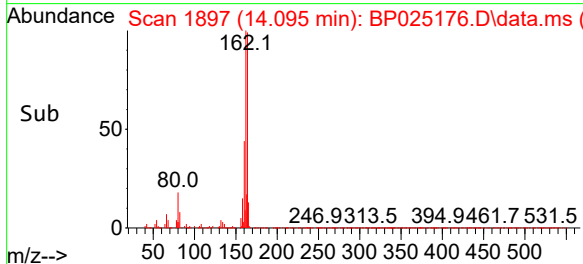
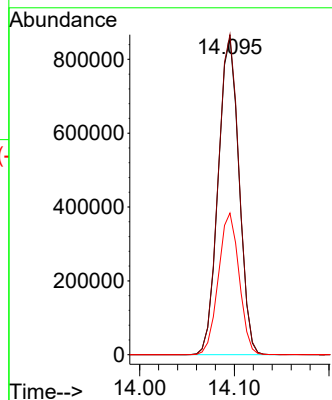
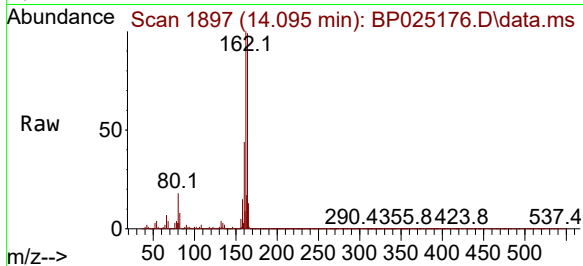




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

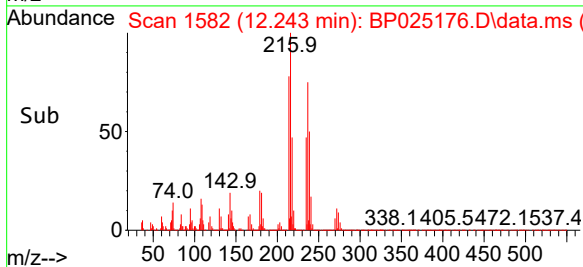
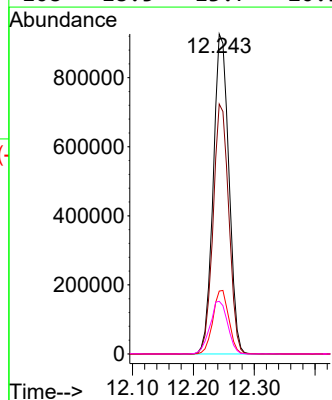
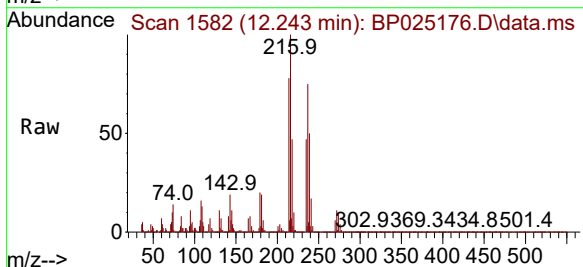
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

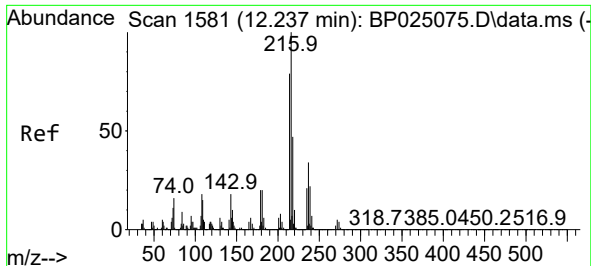
Tgt Ion:164 Resp: 1308861
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 44.7 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.076 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:216 Resp: 1657985
Ion Ratio Lower Upper
216 100
214 78.1 62.4 93.6
179 20.1 16.5 24.7
108 18.5 13.7 20.5

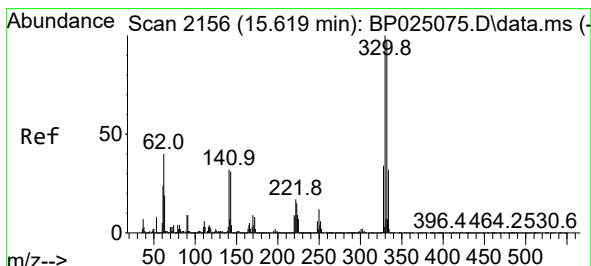
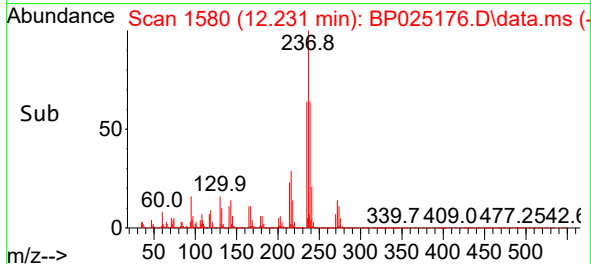
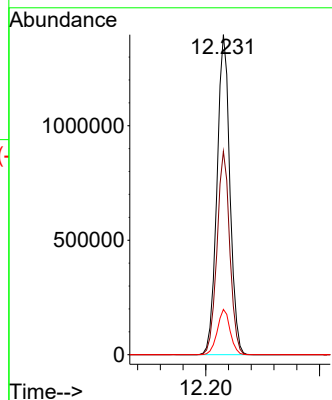
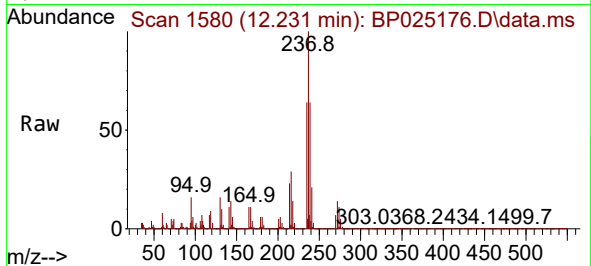




#41
Hexachlorocyclopentadiene
Concen: 223.334 ng
RT: 12.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

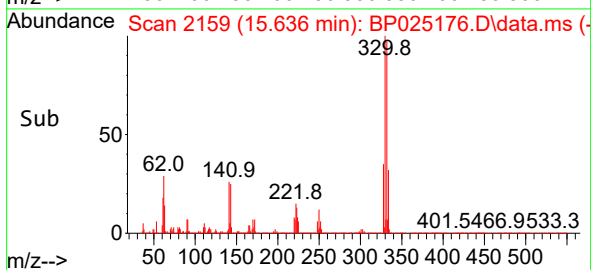
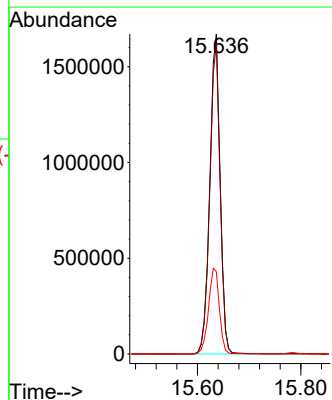
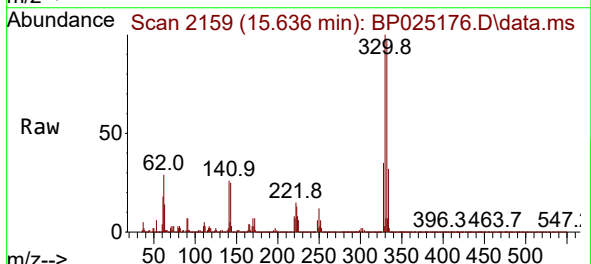
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

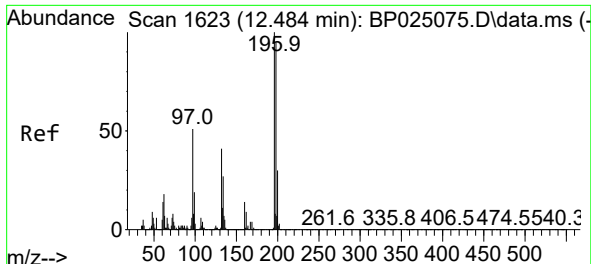
Tgt Ion:237 Resp: 2194389
Ion Ratio Lower Upper
237 100
235 63.6 41.6 81.6
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 150.459 ng
RT: 15.636 min Scan# 2159
Delta R.T. 0.018 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:330 Resp: 2326408
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 28.0 26.0 39.0

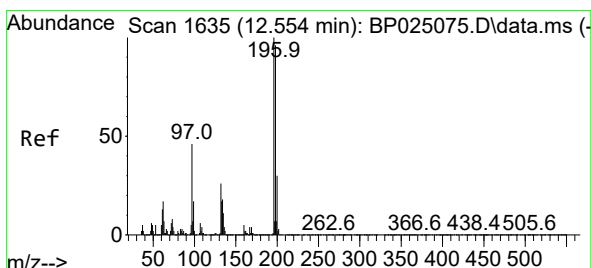
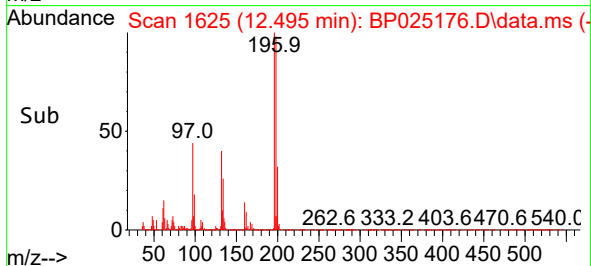
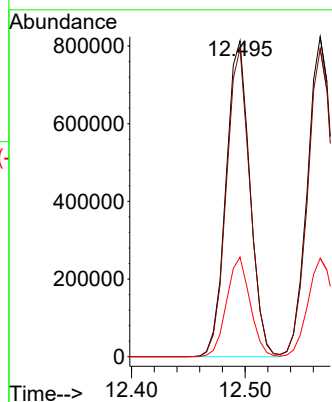
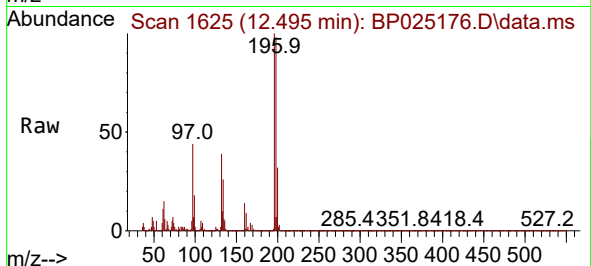




#43
2,4,6-Trichlorophenol
Concen: 52.169 ng
RT: 12.495 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

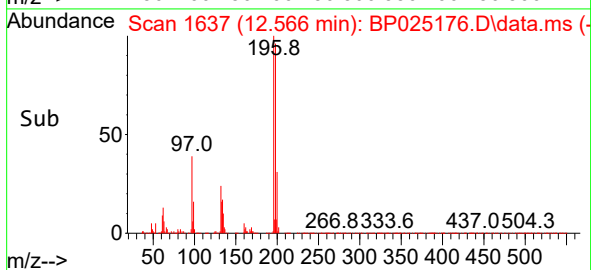
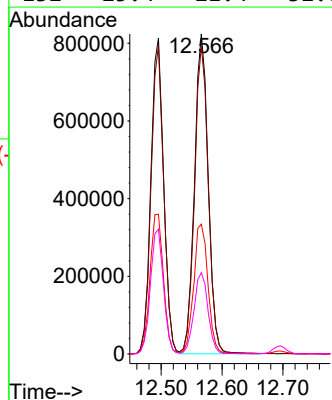
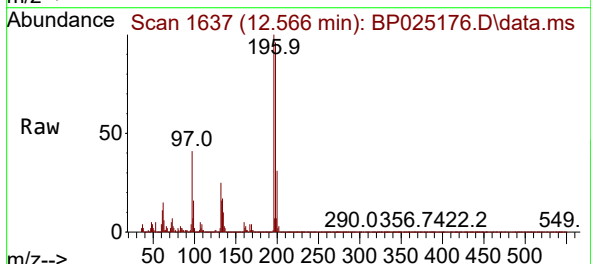
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

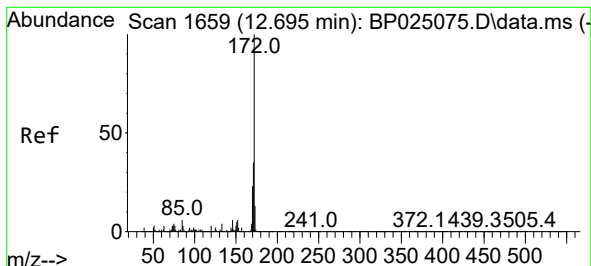
Tgt Ion:196 Resp: 1188282
Ion Ratio Lower Upper
196 100
198 97.6 76.2 114.2
200 31.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 50.150 ng
RT: 12.566 min Scan# 1637
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:196 Resp: 1294542
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
97 40.6 36.6 55.0
132 25.4 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 85.498 ng

RT: 12.695 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

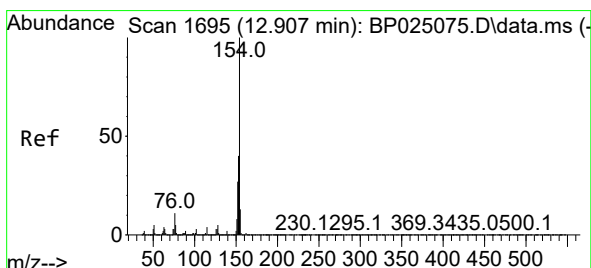
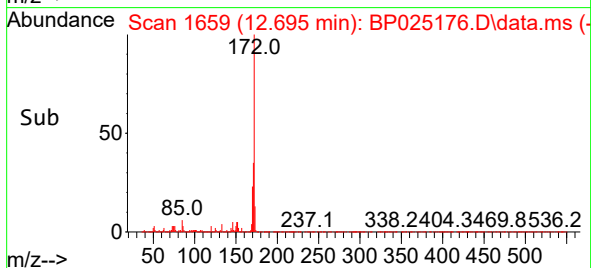
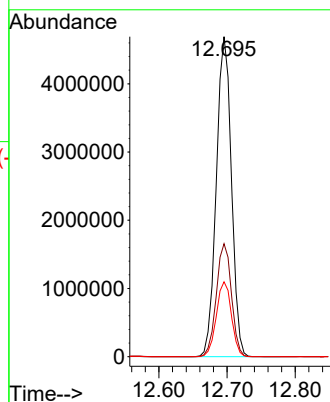
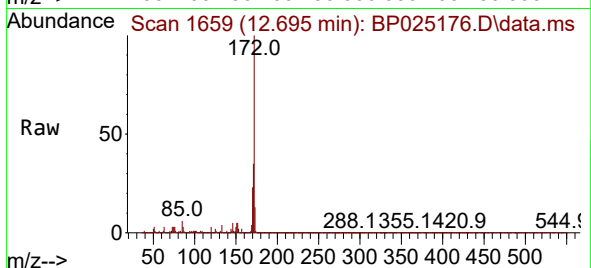
Tgt Ion:172 Resp: 7223603

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.408 ng

RT: 12.907 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

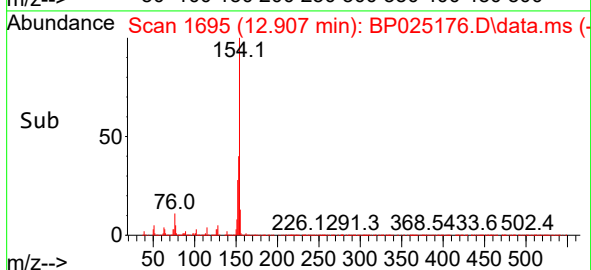
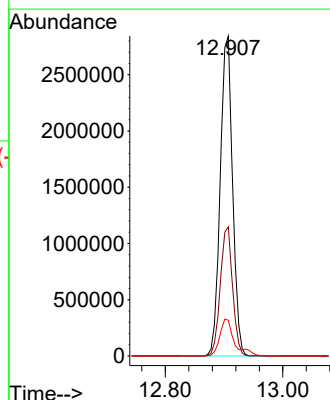
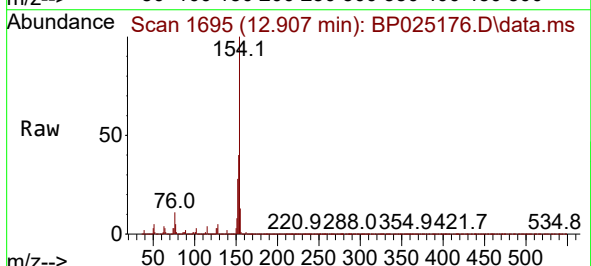
Tgt Ion:154 Resp: 4133833

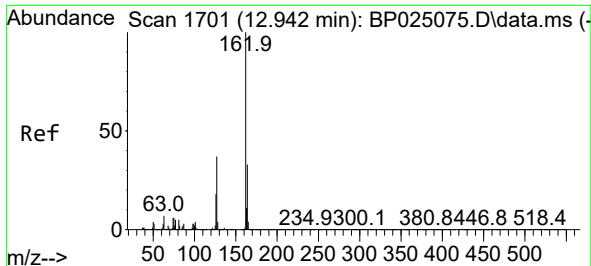
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 11.2 0.0 31.5

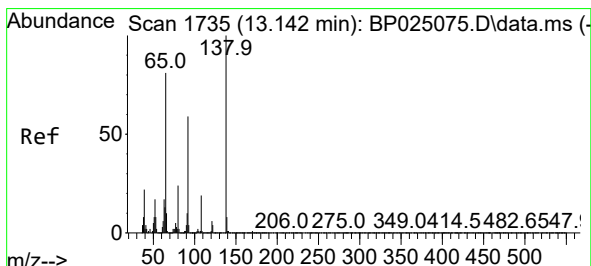
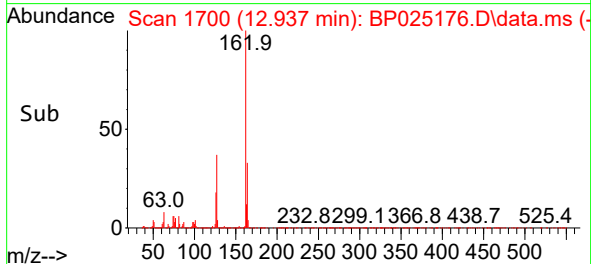
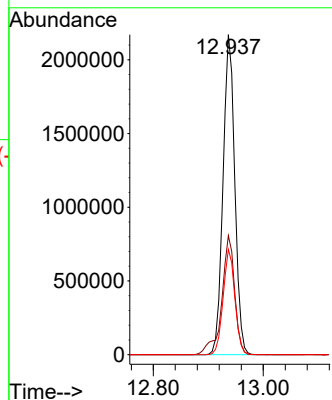
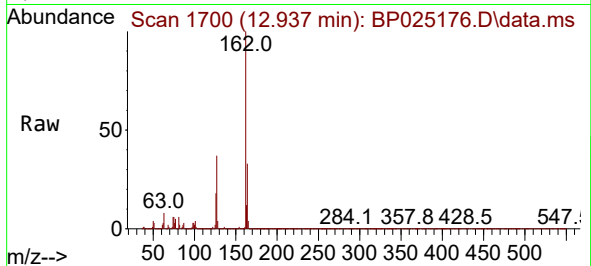




#47
2-Chloronaphthalene
Concen: 44.918 ng
RT: 12.937 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

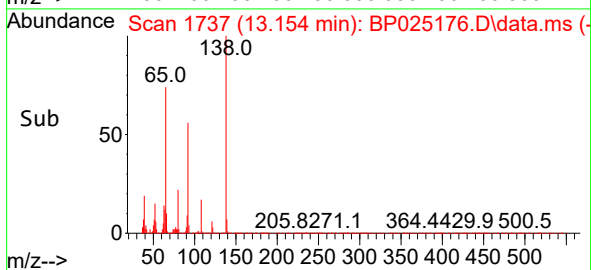
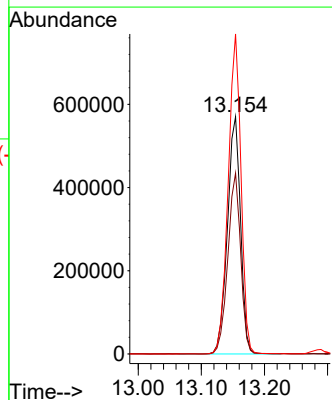
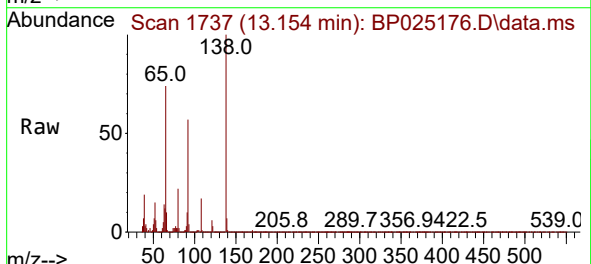
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

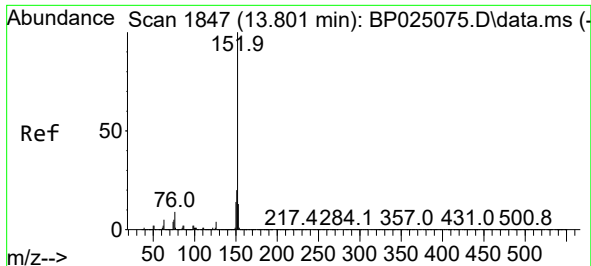
Tgt Ion:162 Resp: 3215077
Ion Ratio Lower Upper
162 100
127 37.2 29.4 44.2
164 32.9 26.4 39.6



#48
2-Nitroaniline
Concen: 46.919 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion: 65 Resp: 821502
Ion Ratio Lower Upper
65 100
92 76.2 58.7 88.1
138 134.9 99.0 148.4

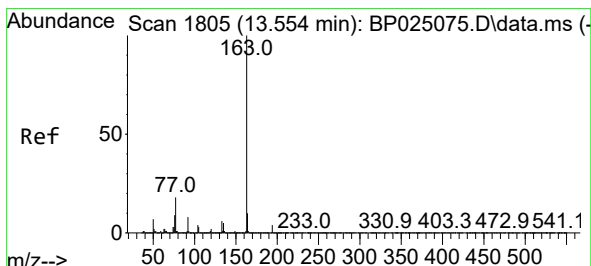
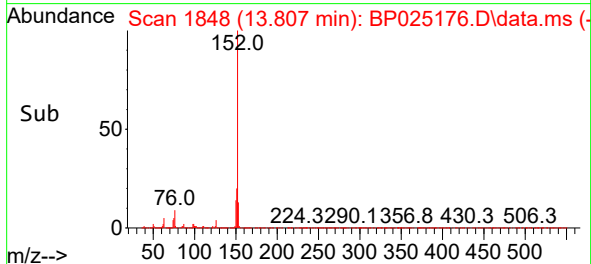
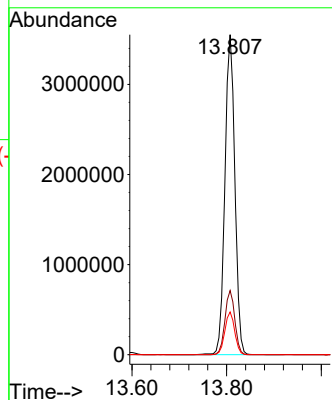
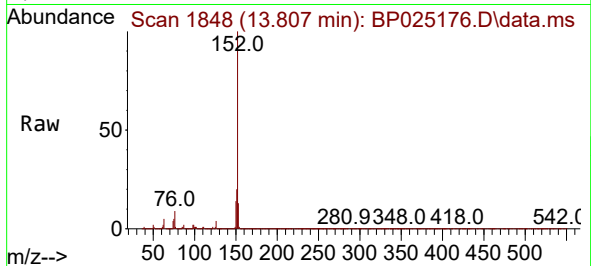




#49
Acenaphthylene
Concen: 47.188 ng
RT: 13.807 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

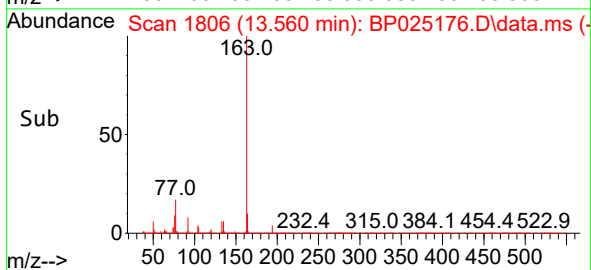
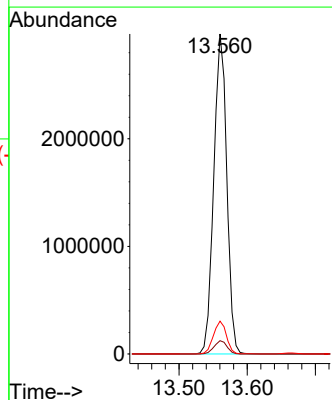
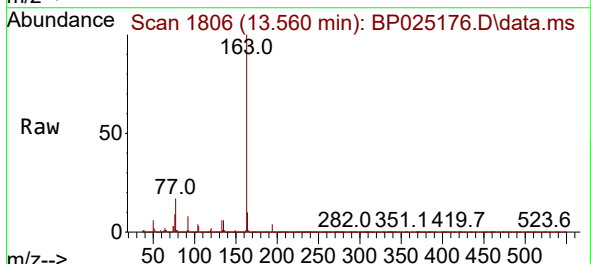
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

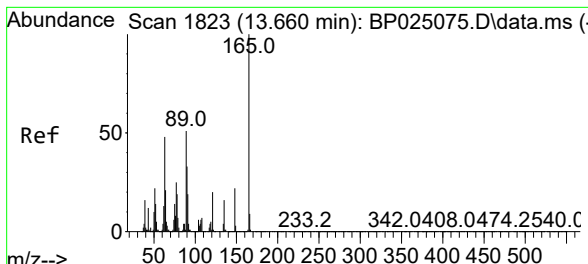
Tgt Ion:152 Resp: 5169469
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 43.070 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:163 Resp: 3946107
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.0 12.0

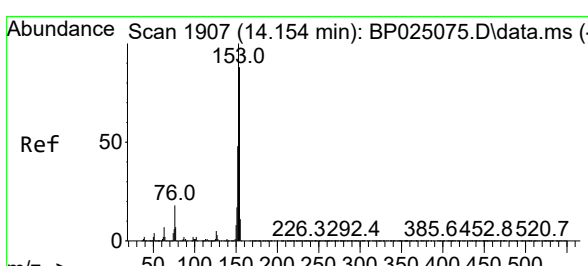
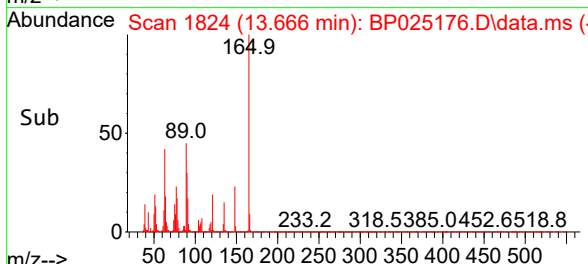
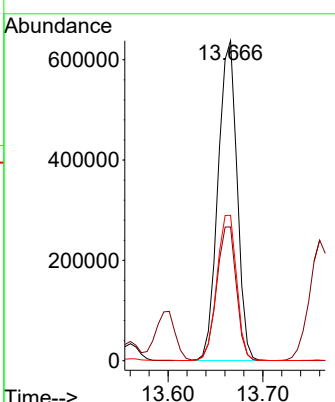
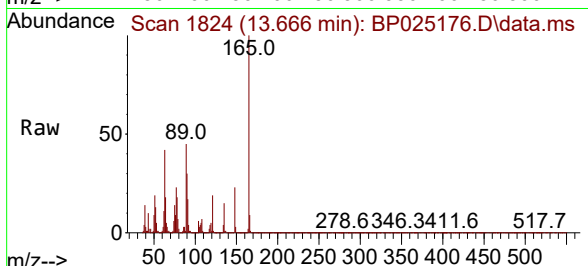




#51
 2,6-Dinitrotoluene
 Concen: 49.947 ng
 RT: 13.666 min Scan# 1824
 Delta R.T. 0.006 min
 Lab File: BP025176.D
 Acq: 17 Jul 2025 13:31

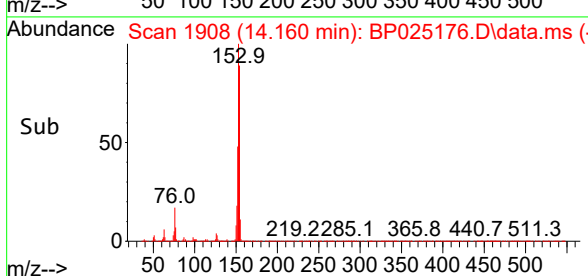
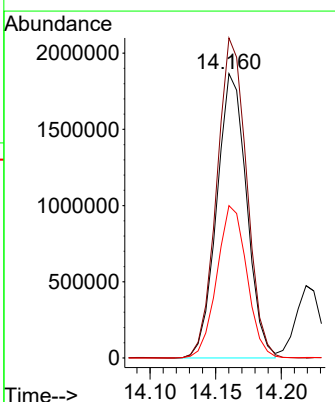
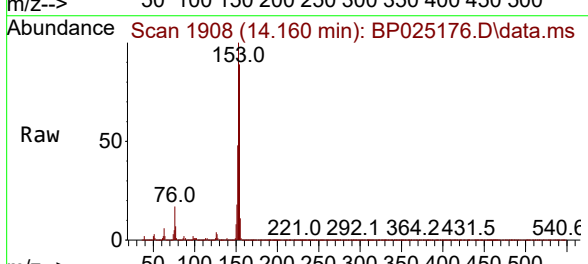
Instrument : BNA_P
 ClientSampleId : PB168902BSD

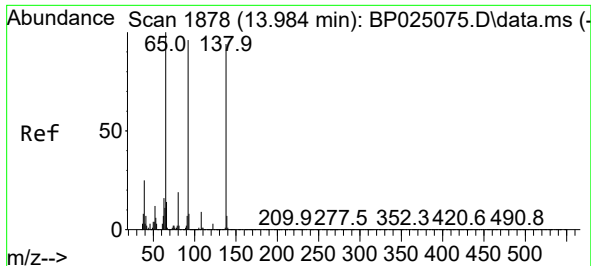
Tgt Ion:	165	Resp:	892500
Ion Ratio	Lower	Upper	
165	100		
63	41.8	38.5	57.7
89	45.4	40.6	61.0



#52
 Acenaphthene
 Concen: 41.863 ng
 RT: 14.160 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: BP025176.D
 Acq: 17 Jul 2025 13:31

Tgt Ion:	154	Resp:	2955874
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.6	136.0
152	53.6	43.8	65.8

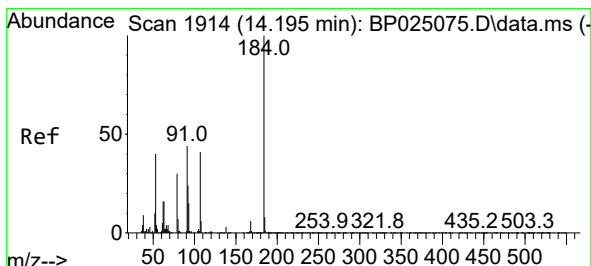
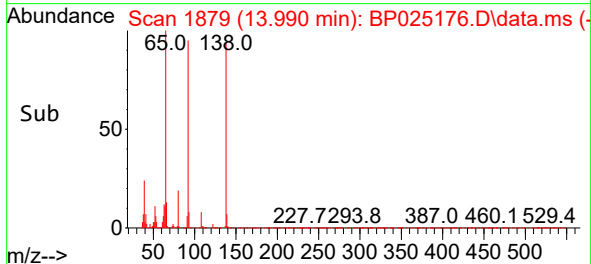
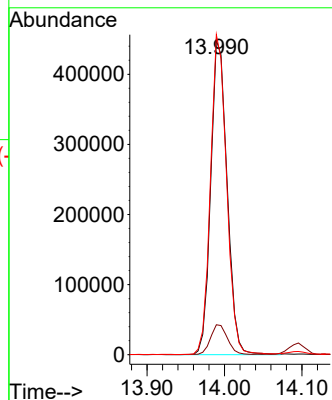
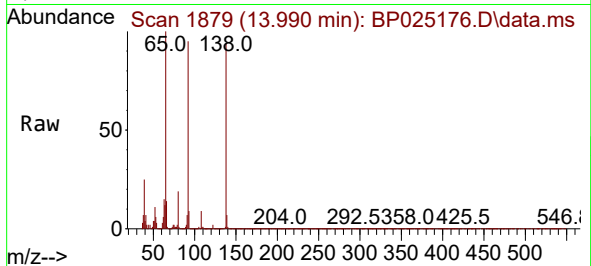




#53
3-Nitroaniline
Concen: 34.386 ng
RT: 13.990 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

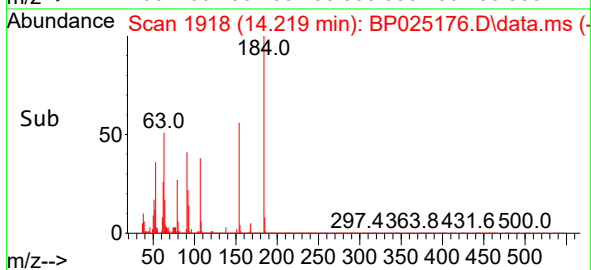
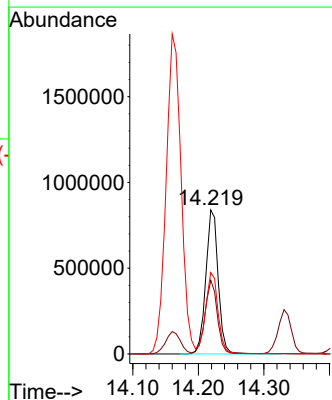
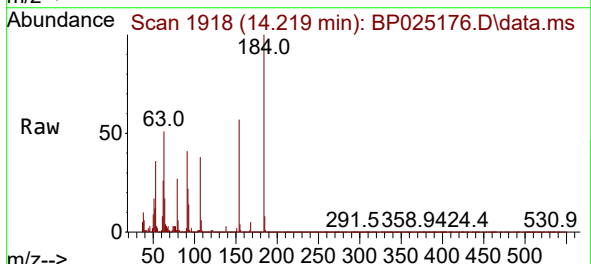
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

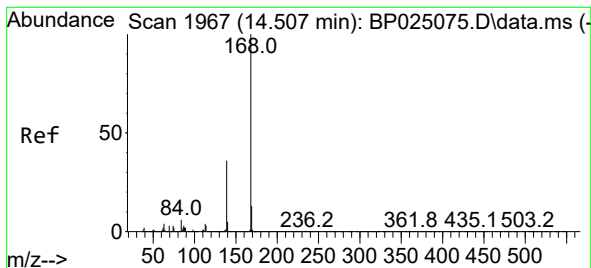
Tgt Ion:138 Resp: 658484
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 101.7 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 123.814 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:184 Resp: 1108866
Ion Ratio Lower Upper
184 100
63 51.2 47.4 71.0
154 56.5 47.8 71.8





#55

Dibenzofuran

Concen: 37.622 ng

RT: 14.513 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

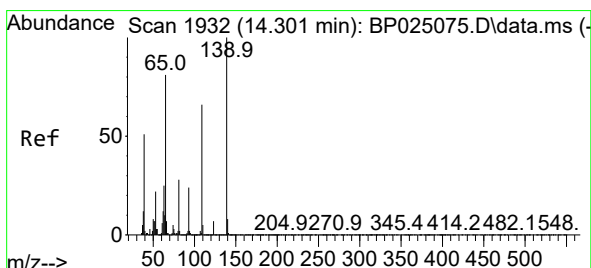
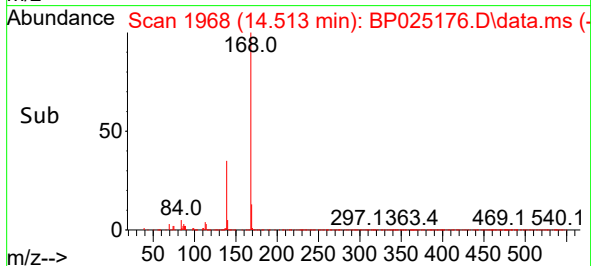
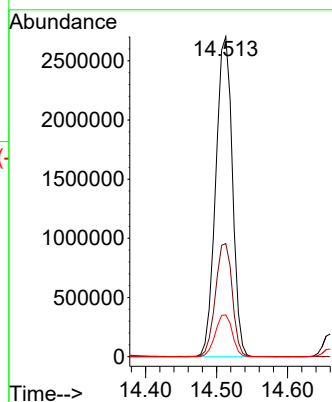
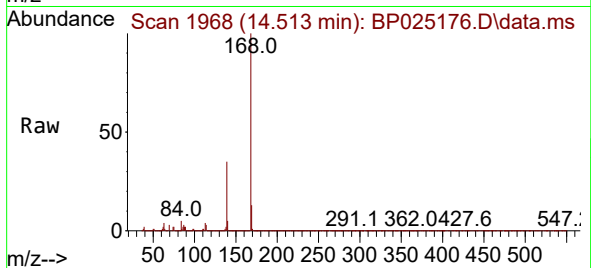
Tgt Ion:168 Resp: 4384012

Ion Ratio Lower Upper

168 100

139 35.3 28.6 43.0

169 13.1 10.7 16.1



#56

4-Nitrophenol

Concen: 88.768 ng

RT: 14.331 min Scan# 1937

Delta R.T. 0.029 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

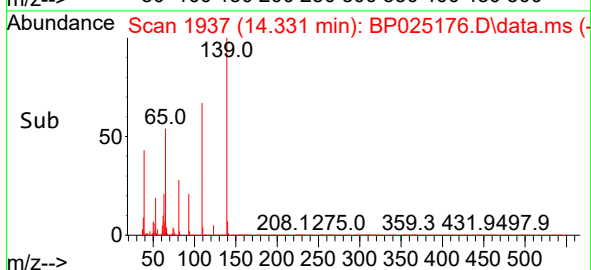
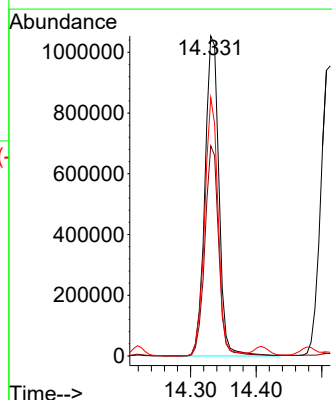
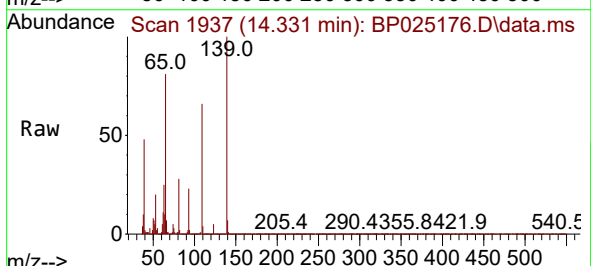
Tgt Ion:139 Resp: 1568718

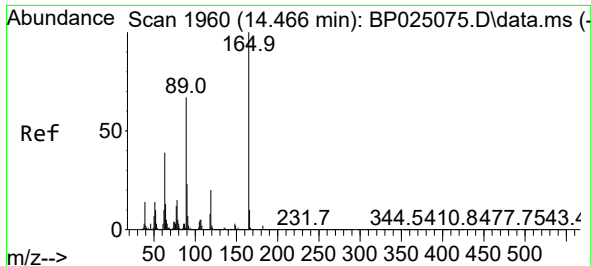
Ion Ratio Lower Upper

139 100

109 65.7 45.9 85.9

65 80.7 61.4 101.4

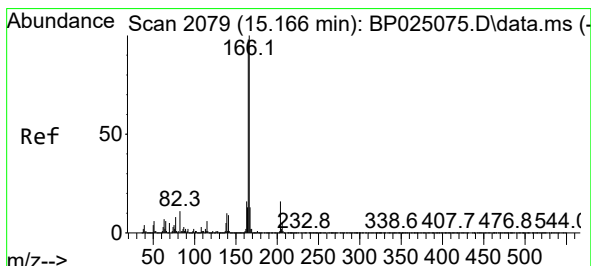
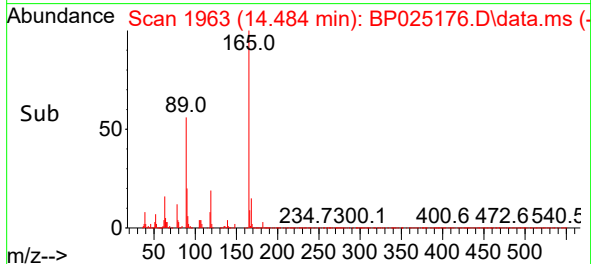
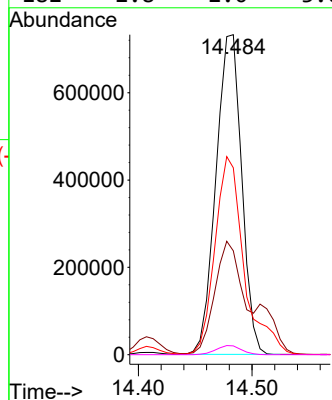
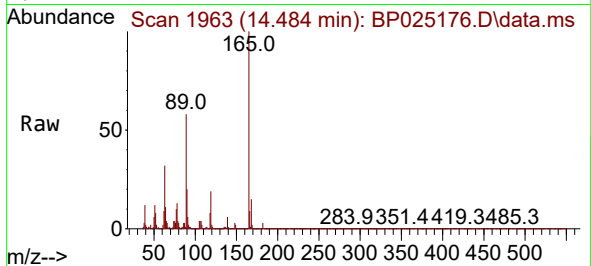




#57
2,4-Dinitrotoluene
Concen: 44.239 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

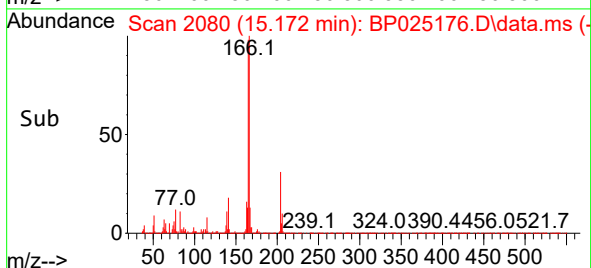
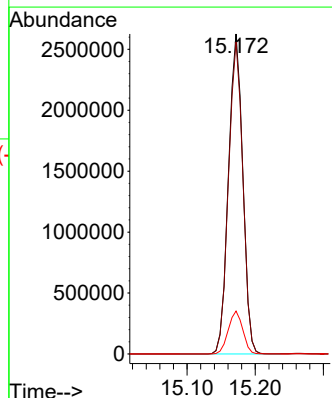
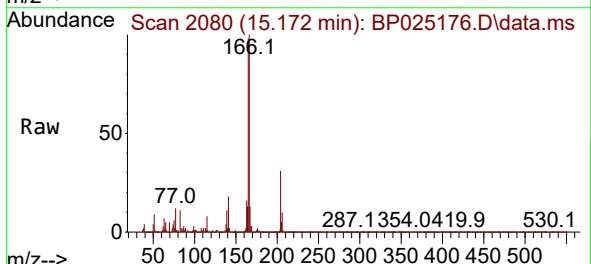
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

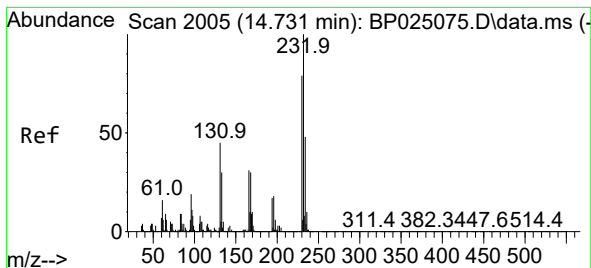
Tgt Ion:165 Resp: 1154429
Ion Ratio Lower Upper
165 100
63 32.4 31.0 46.4
89 58.4 53.4 80.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 42.559 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:166 Resp: 3835866
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.4 10.7 16.1

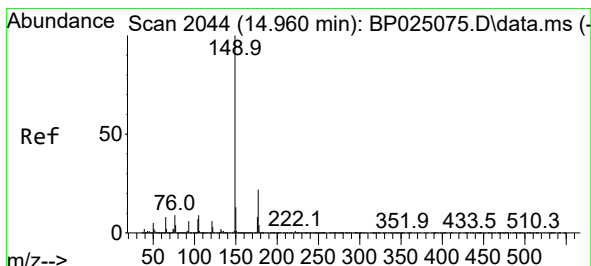
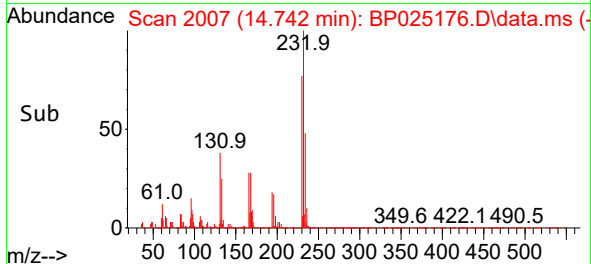
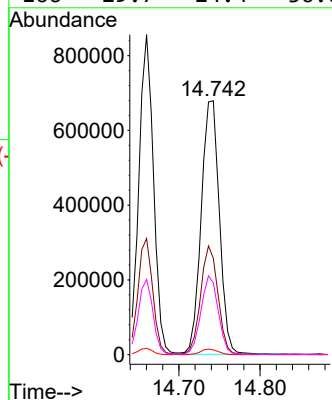
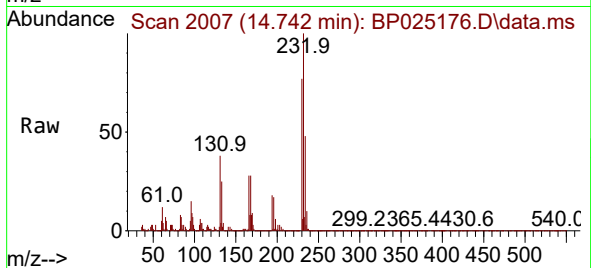




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.121 ng
RT: 14.742 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

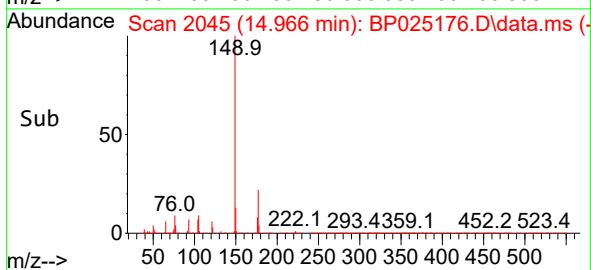
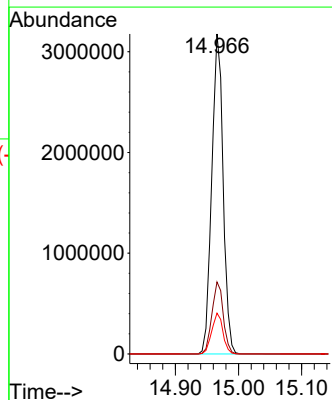
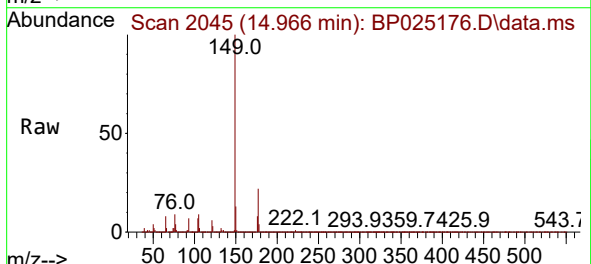
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

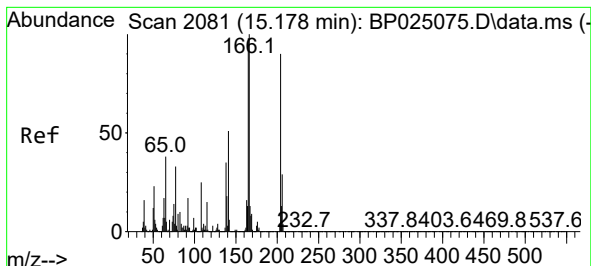
Tgt Ion:232 Resp: 1054743
Ion Ratio Lower Upper
232 100
131 40.9 35.7 53.5
130 2.2 1.8 2.6
166 29.7 24.4 36.6



#60
Diethylphthalate
Concen: 43.096 ng
RT: 14.966 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:149 Resp: 3965786
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 10.2 15.2

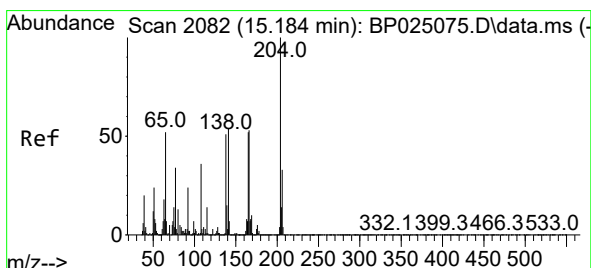
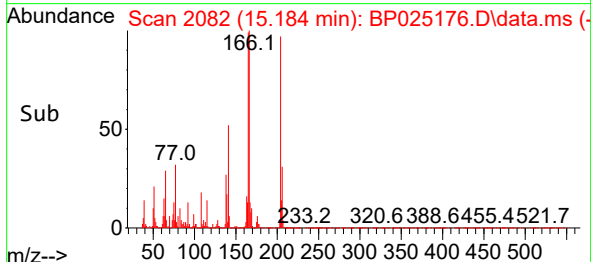
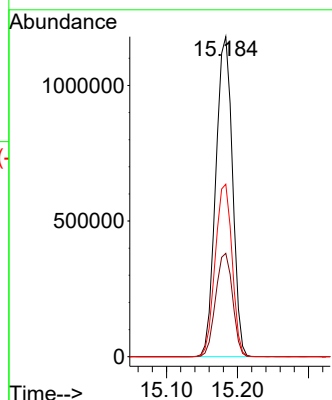
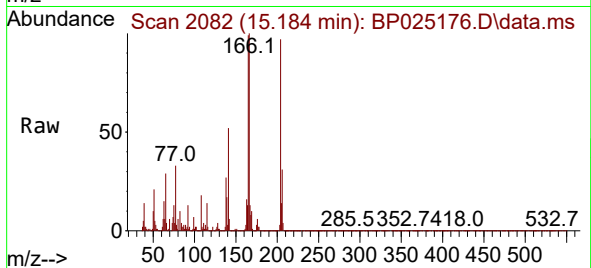




#61
4-Chlorophenyl-phenylether
Concen: 42.972 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

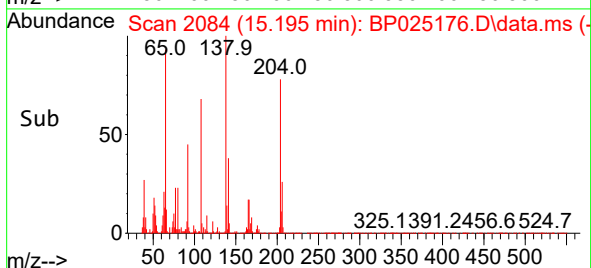
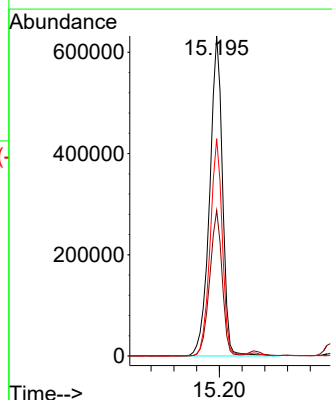
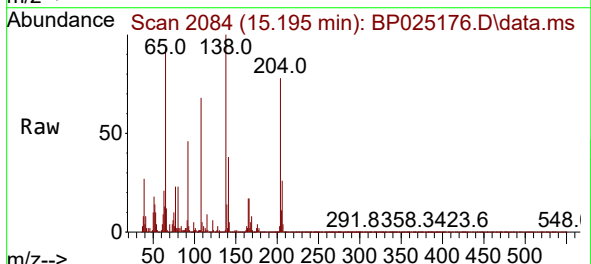
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

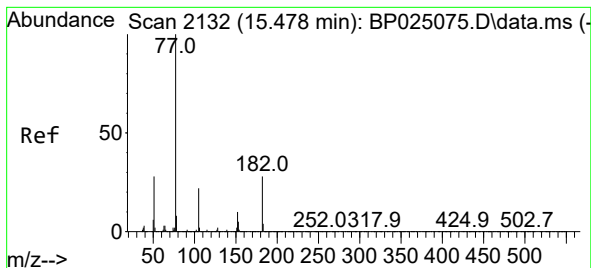
Tgt Ion:204 Resp: 1916732
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 53.9 45.1 67.7



#62
4-Nitroaniline
Concen: 49.185 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:138 Resp: 987638
Ion Ratio Lower Upper
138 100
92 45.5 26.0 66.0
108 67.9 50.0 90.0





#63

Azobenzene

Concen: 39.463 ng

RT: 15.478 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

Tgt Ion: 77 Resp: 3233713

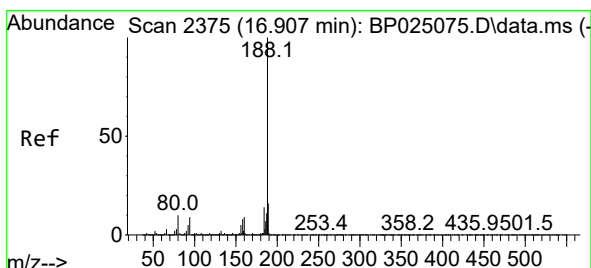
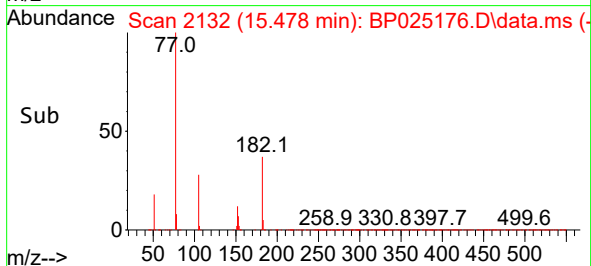
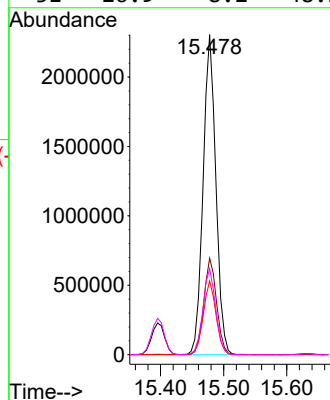
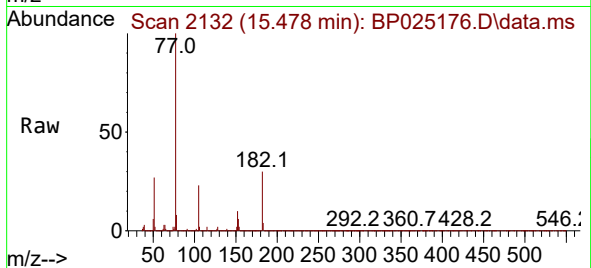
Ion Ratio Lower Upper

77 100

182 30.2 7.7 47.7

105 23.1 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: BP025176.D

Acq: 17 Jul 2025 13:31

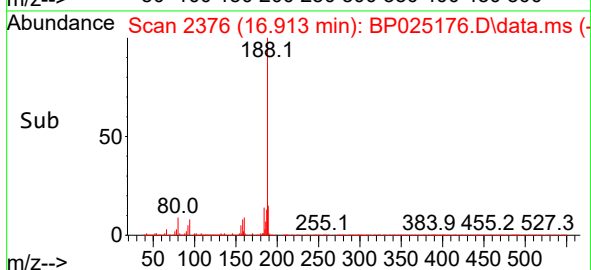
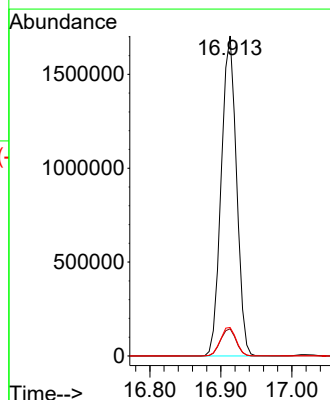
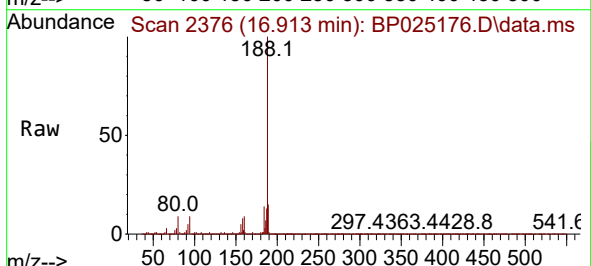
Tgt Ion:188 Resp: 2536298

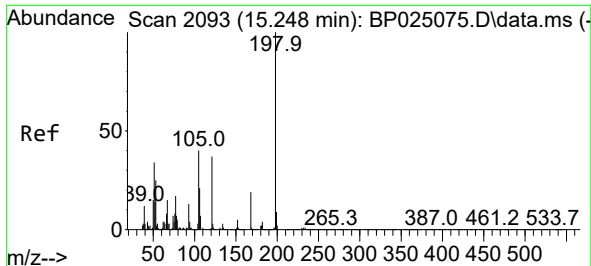
Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

80 8.9 7.8 11.6

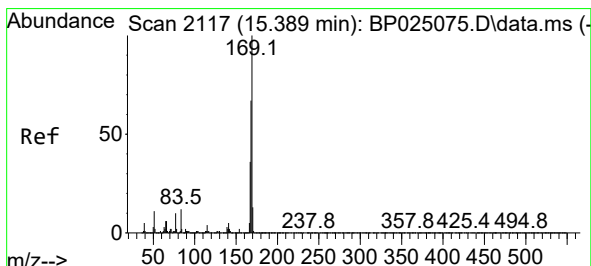
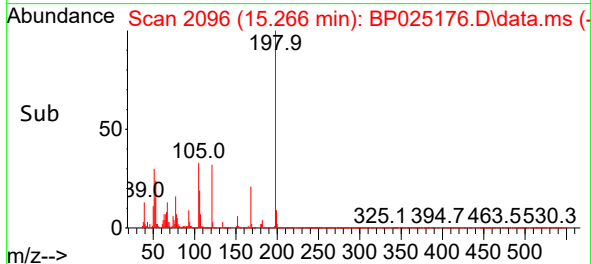
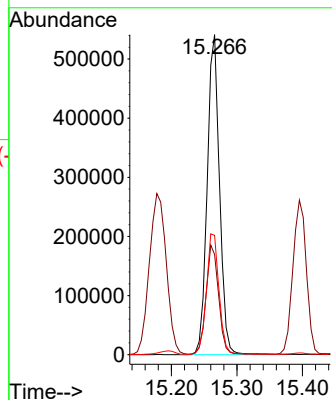
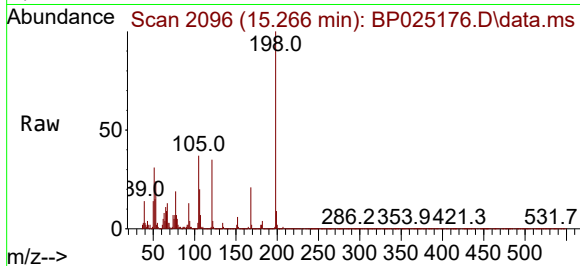




#65
4,6-Dinitro-2-methylphenol
Concen: 59.702 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.018 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

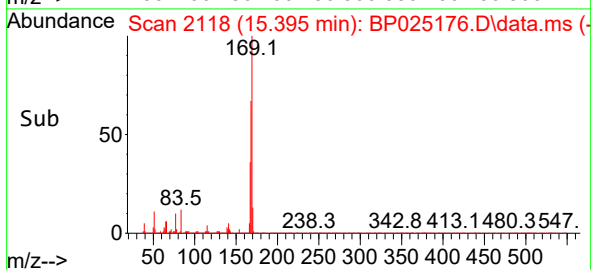
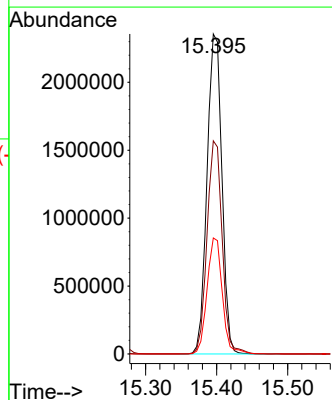
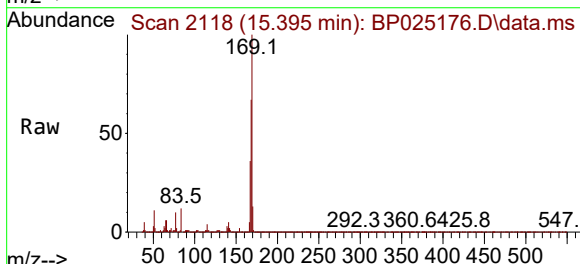
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

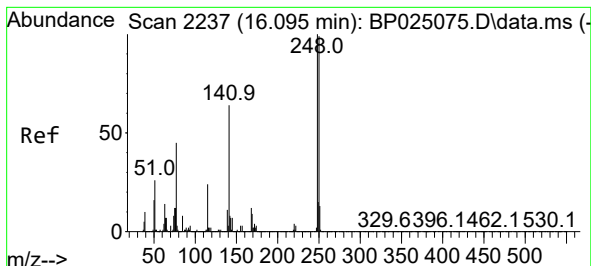
Tgt Ion:198 Resp: 706830
Ion Ratio Lower Upper
198 100
51 31.3 16.8 56.8
105 37.3 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 47.246 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:169 Resp: 3429360
Ion Ratio Lower Upper
169 100
168 66.6 54.1 81.1
167 36.2 29.0 43.6

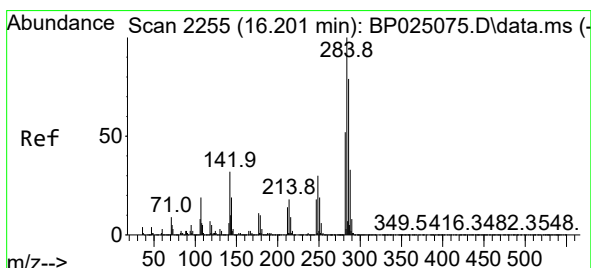
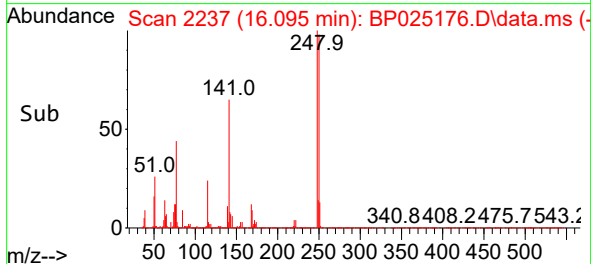
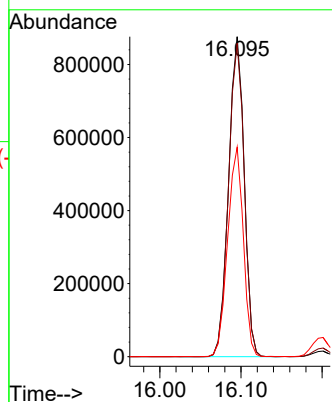
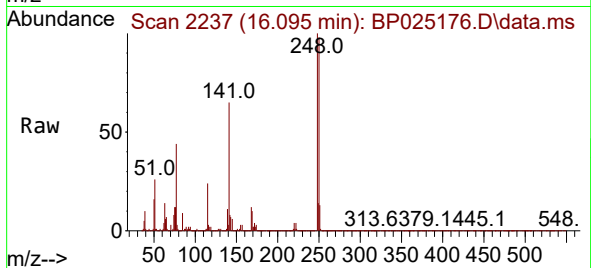




#67
4-Bromophenyl-phenylether
Concen: 45.196 ng
RT: 16.095 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

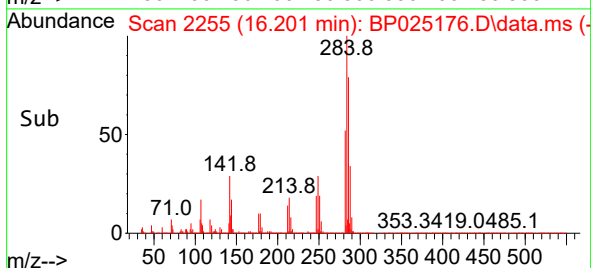
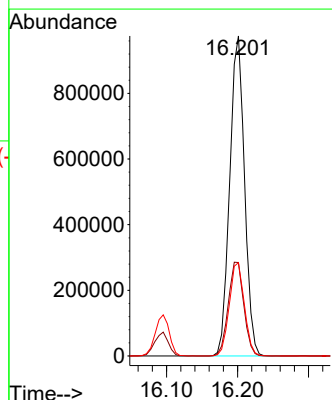
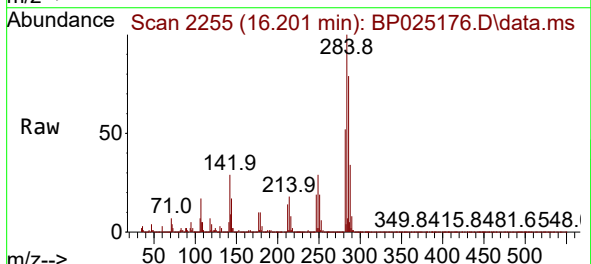
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

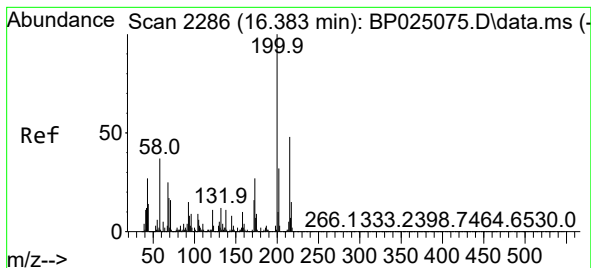
Tgt Ion:248 Resp: 1173699
Ion Ratio Lower Upper
248 100
250 98.0 79.4 119.2
141 65.4 51.4 77.0



#68
Hexachlorobenzene
Concen: 44.436 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:284 Resp: 1410448
Ion Ratio Lower Upper
284 100
142 29.2 25.9 38.9
249 29.1 23.8 35.8





#69

Atrazine

Concen: 55.183 ng

RT: 16.395 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

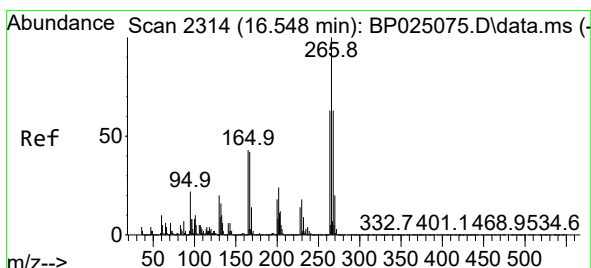
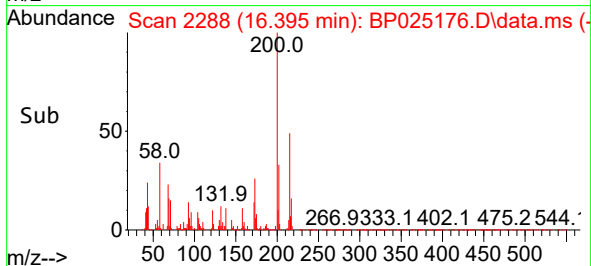
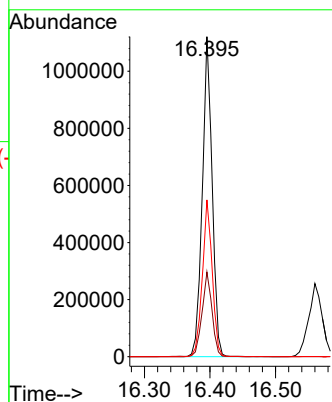
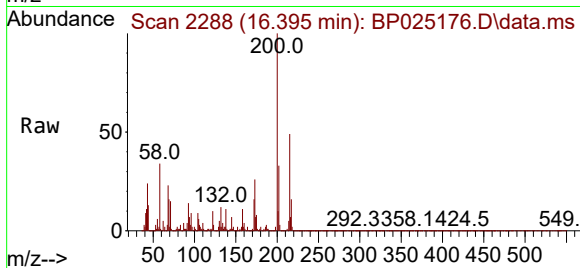
Tgt Ion:200 Resp: 1173721

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 49.0 28.0 68.0



#70

Pentachlorophenol

Concen: 99.628 ng

RT: 16.560 min Scan# 2316

Delta R.T. 0.012 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

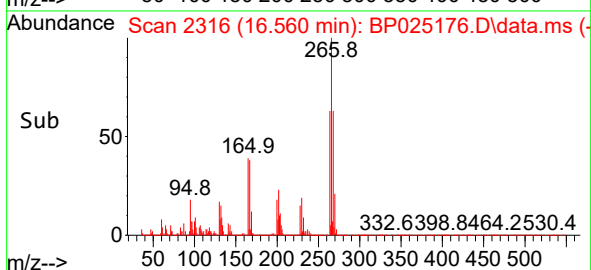
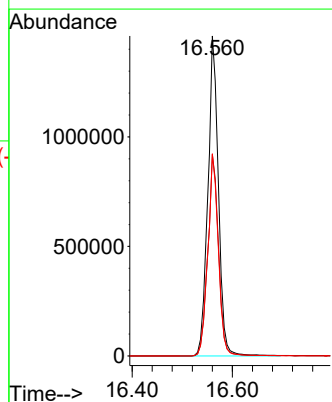
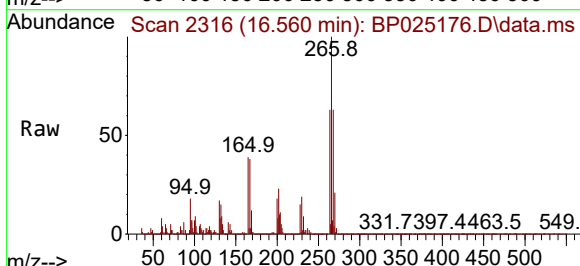
Tgt Ion:266 Resp: 2135677

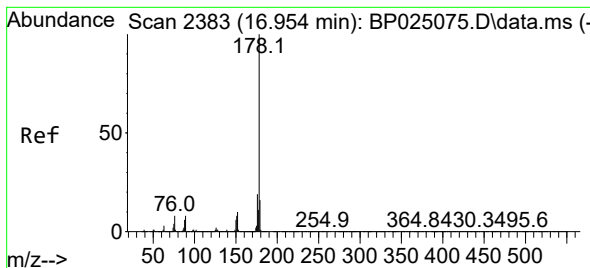
Ion Ratio Lower Upper

266 100

268 62.9 50.4 75.6

264 63.2 50.2 75.2





#71

Phenanthrene

Concen: 45.732 ng

RT: 16.954 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

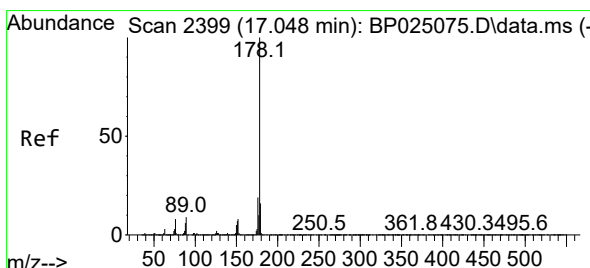
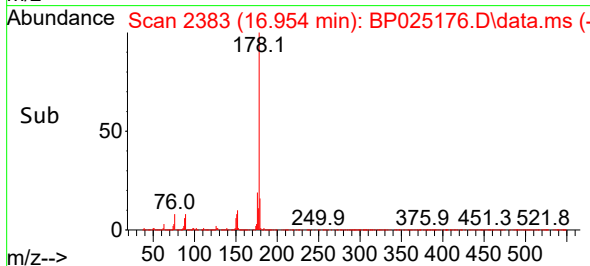
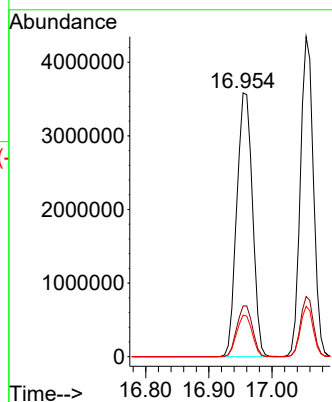
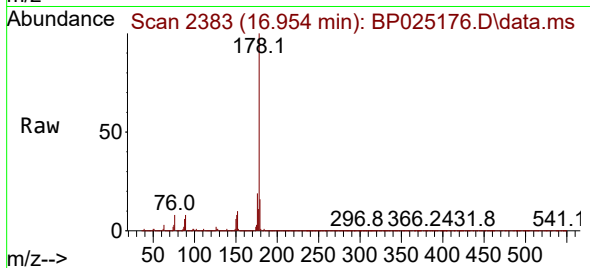
Tgt Ion:178 Resp: 6197907

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.7 12.6 19.0



#72

Anthracene

Concen: 47.896 ng

RT: 17.054 min Scan# 2400

Delta R.T. 0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

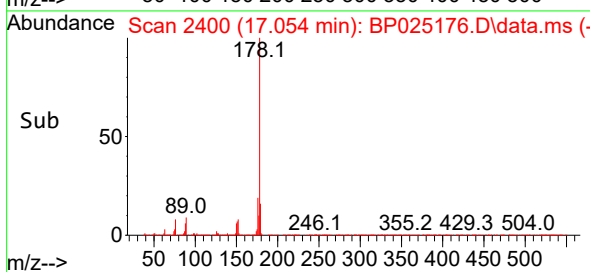
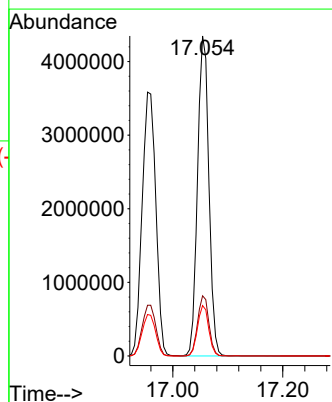
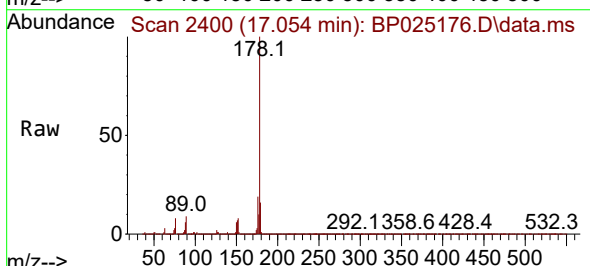
Tgt Ion:178 Resp: 6227348

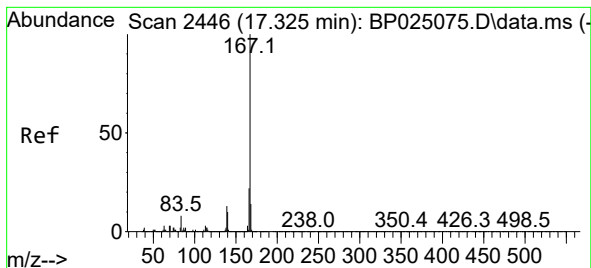
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.8 12.5 18.7





#73

Carbazole

Concen: 45.946 ng

RT: 17.342 min Scan# 2446

Delta R.T. 0.018 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

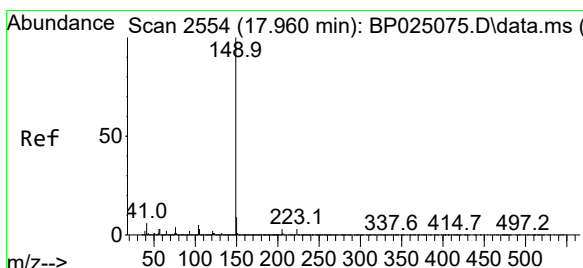
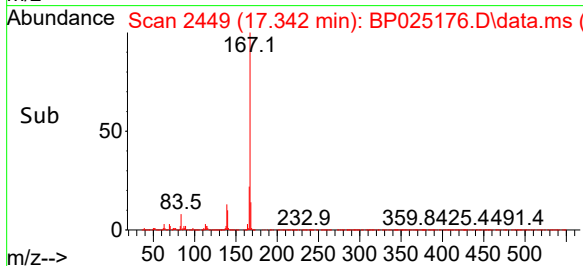
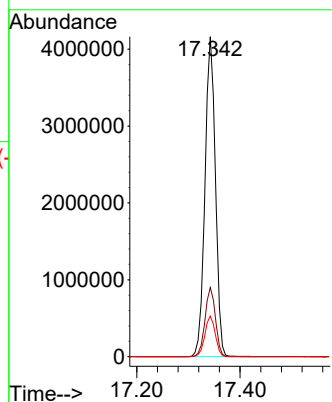
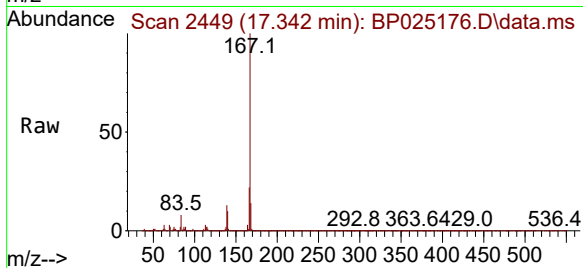
Tgt Ion:167 Resp: 5840907

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 12.7 10.4 15.6



#74

Di-n-butylphthalate

Concen: 50.106 ng

RT: 17.960 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

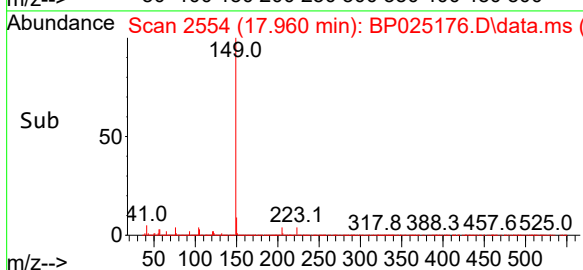
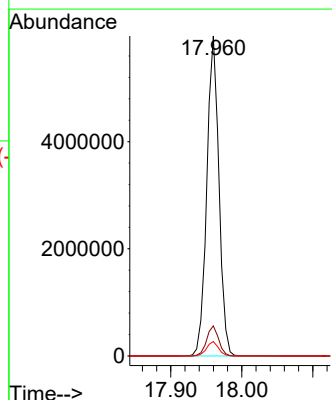
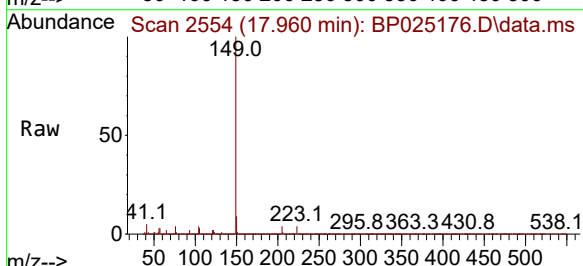
Tgt Ion:149 Resp: 7093260

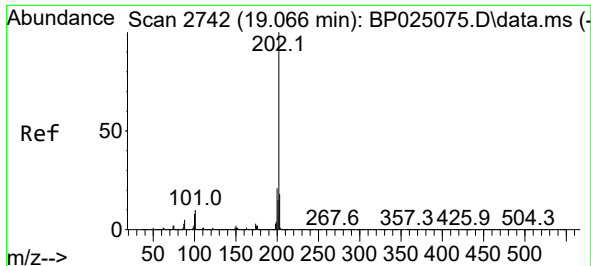
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.5 3.8 5.6

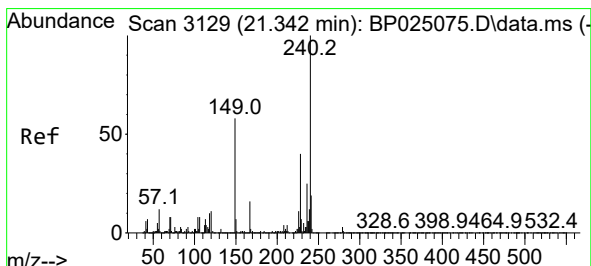
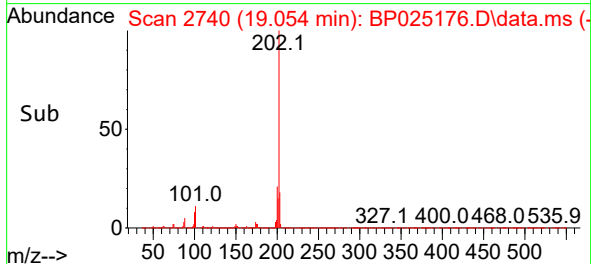
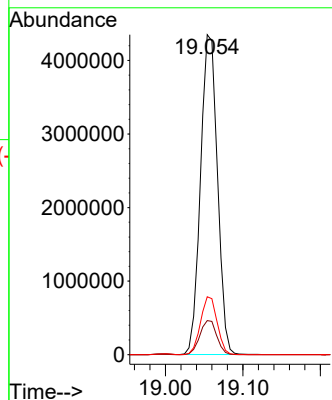
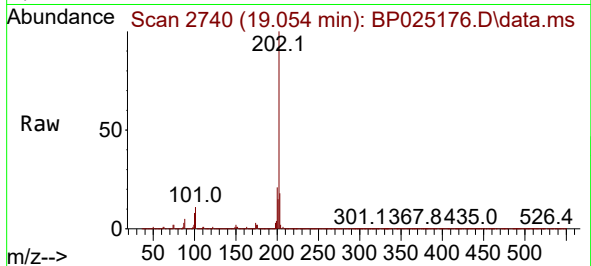




#75
Fluoranthene
Concen: 41.619 ng
RT: 19.054 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

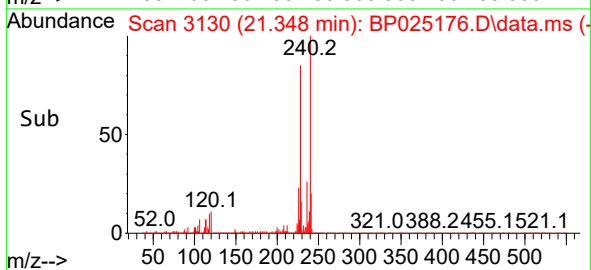
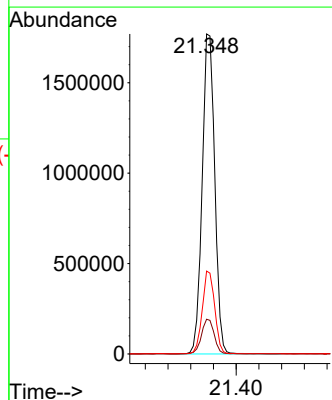
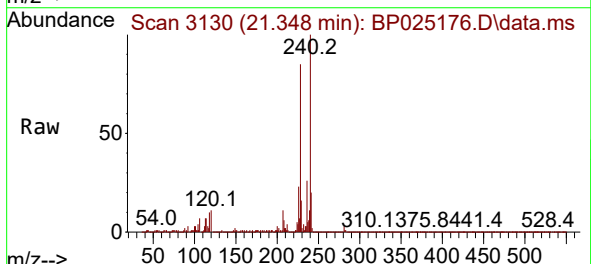
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

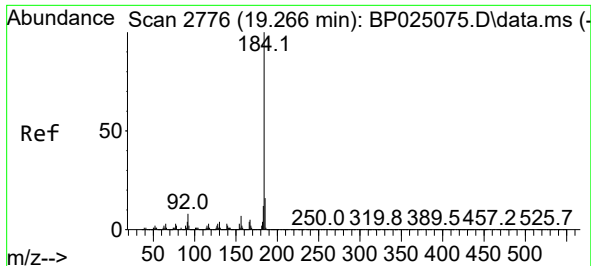
Tgt Ion:202 Resp: 6593067
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.4
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:240 Resp: 2712133
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.9 20.3 30.5

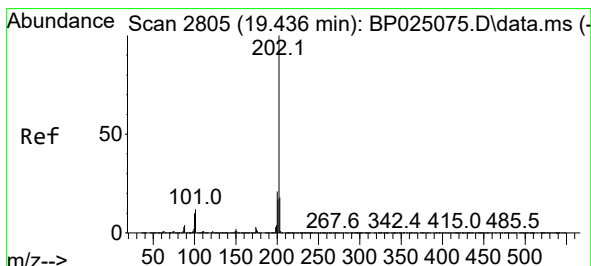
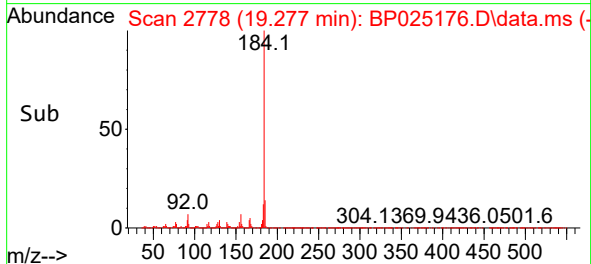
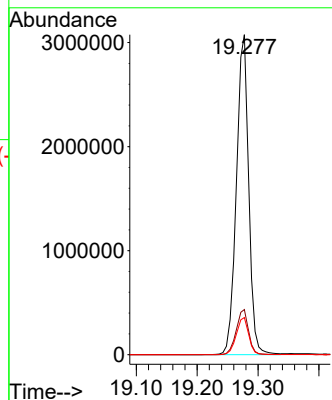
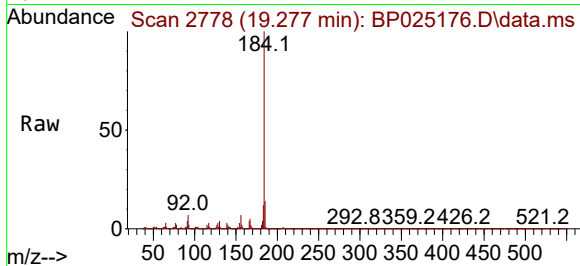




#77
Benzidine
Concen: 90.060 ng
RT: 19.277 min Scan# 2777
Delta R.T. 0.011 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

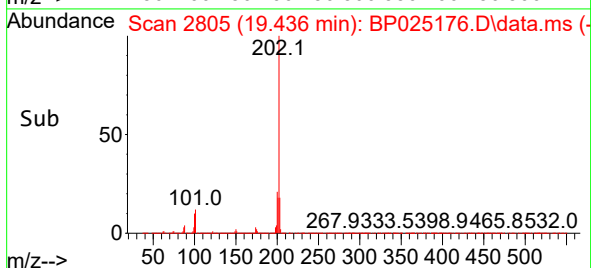
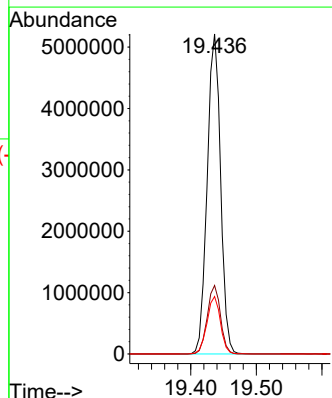
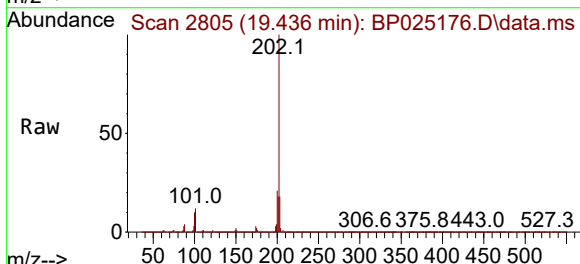
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

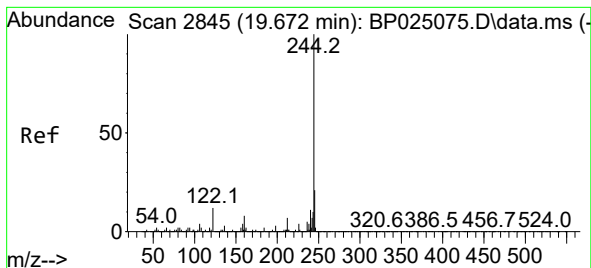
Tgt Ion:184 Resp: 4313884
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.6 9.4 14.2



#78
Pyrene
Concen: 44.056 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:202 Resp: 7400626
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 86.113 ng

RT: 19.683 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

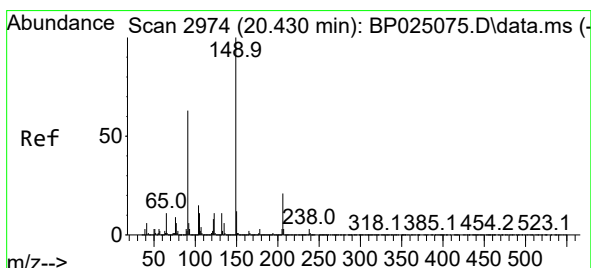
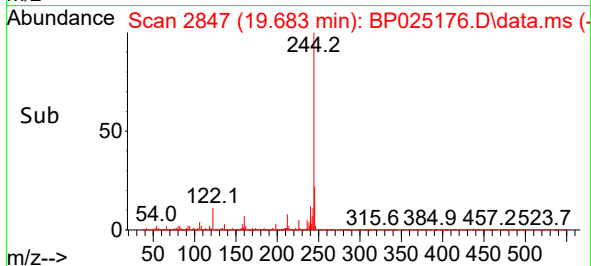
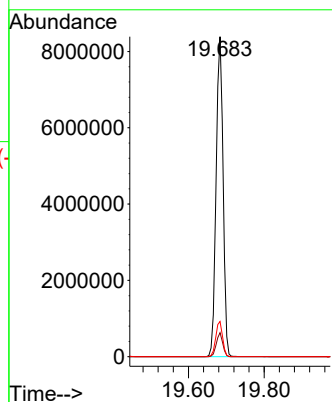
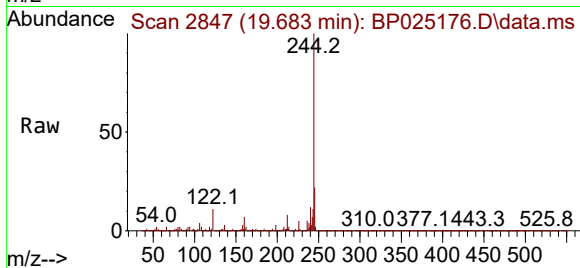
Tgt Ion:244 Resp:10626617

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 11.0 9.4 14.2



#80

Butylbenzylphthalate

Concen: 46.424 ng

RT: 20.436 min Scan# 2975

Delta R.T. 0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

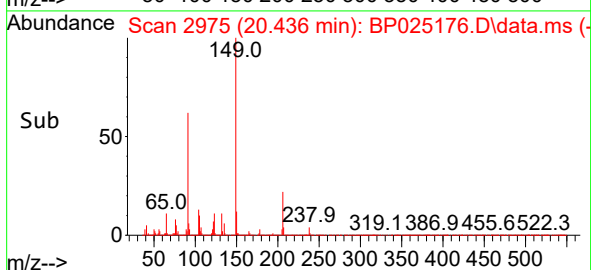
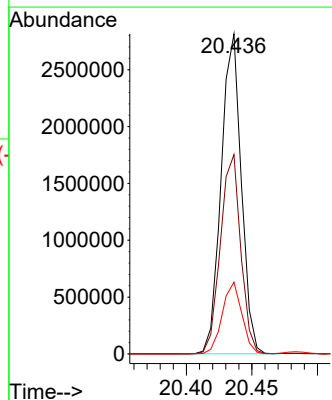
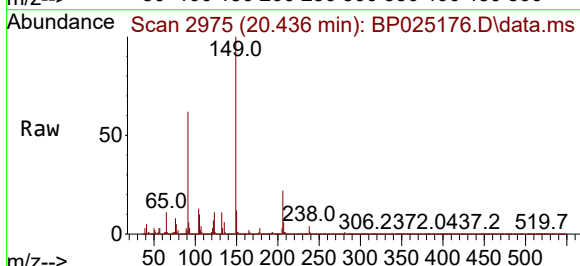
Tgt Ion:149 Resp: 2996147

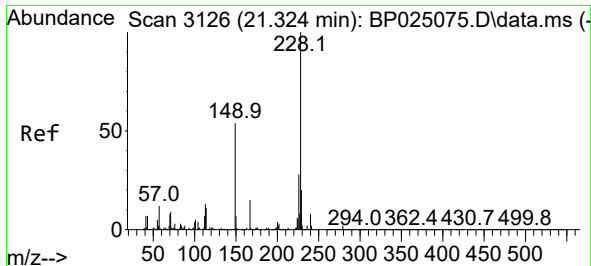
Ion Ratio Lower Upper

149 100

91 62.3 50.6 76.0

206 22.5 17.2 25.8

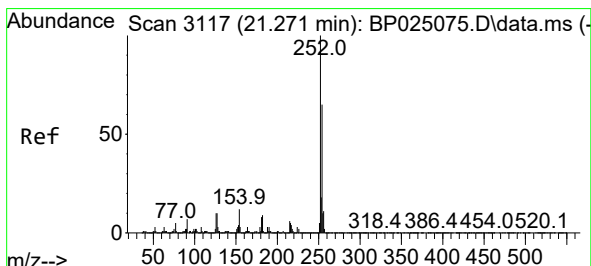
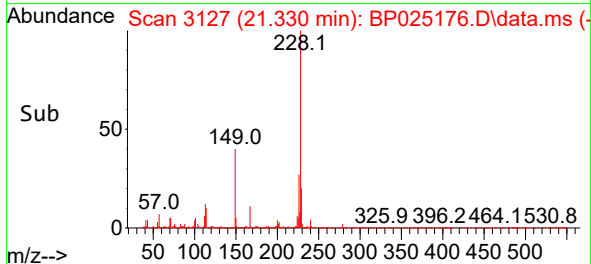
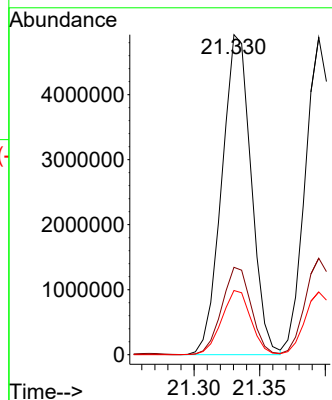
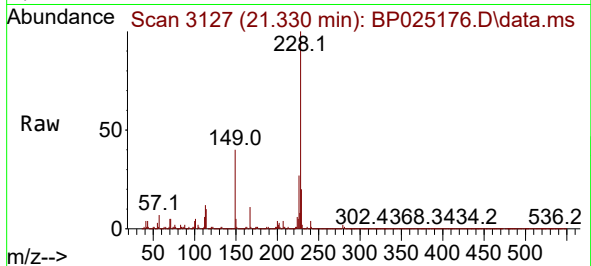




#81
Benzo(a)anthracene
Concen: 46.635 ng
RT: 21.330 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

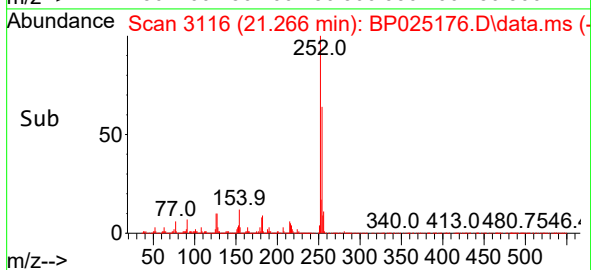
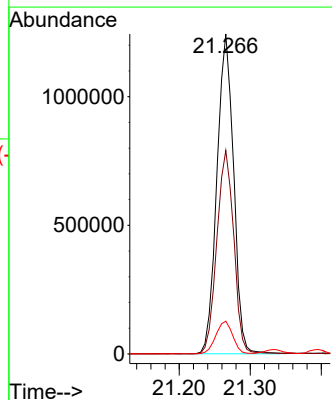
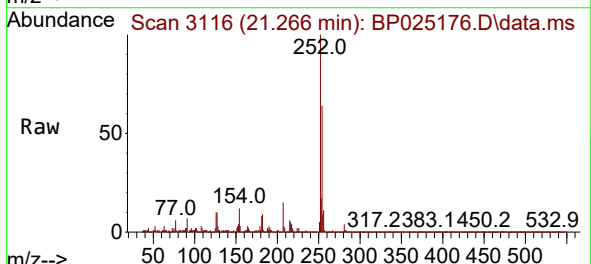
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

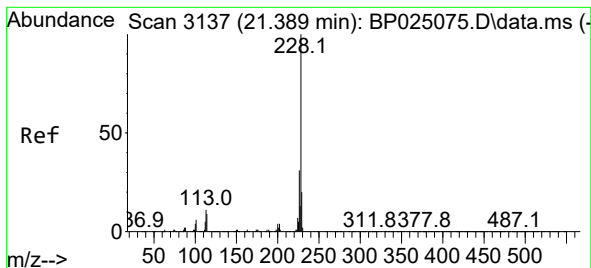
Tgt Ion:228 Resp: 7664985
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 40.883 ng
RT: 21.266 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:252 Resp: 2022833
Ion Ratio Lower Upper
252 100
254 63.6 51.9 77.9
126 10.2 8.1 12.1





#83

Chrysene

Concen: 44.620 ng

RT: 21.395 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

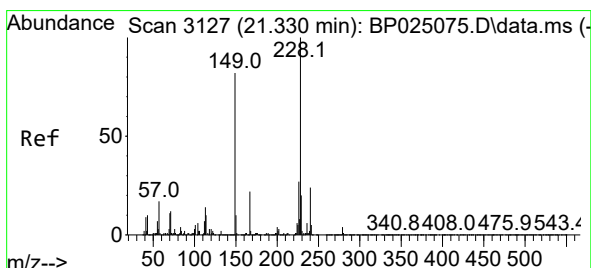
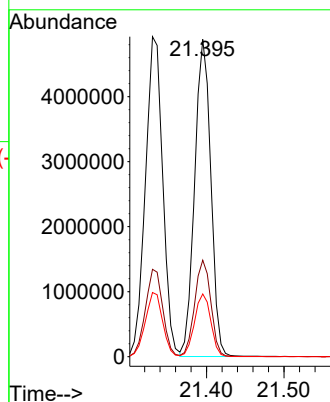
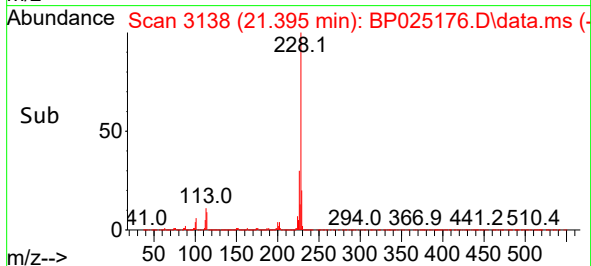
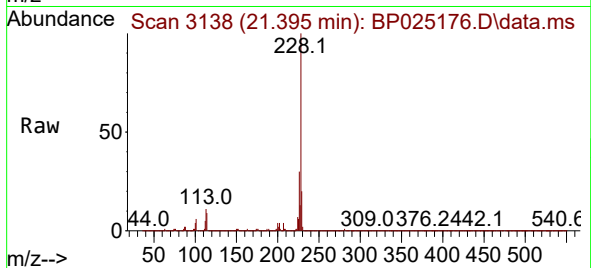
Tgt Ion:228 Resp: 7057555

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.694 ng

RT: 21.319 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

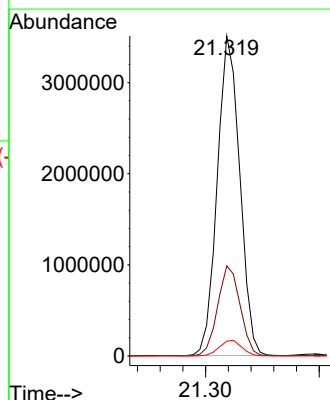
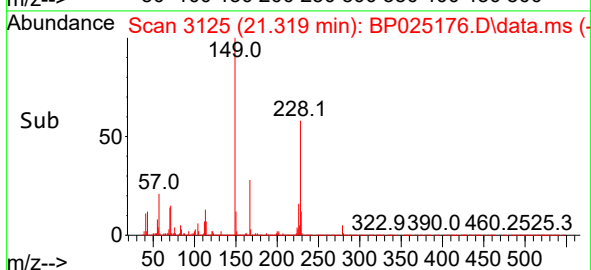
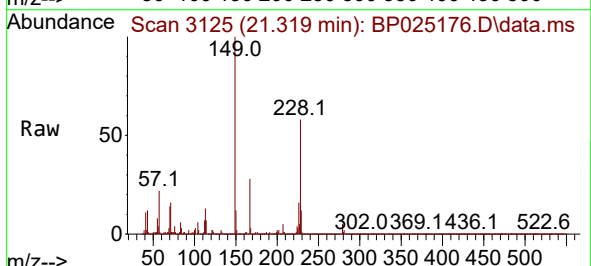
Tgt Ion:149 Resp: 4821834

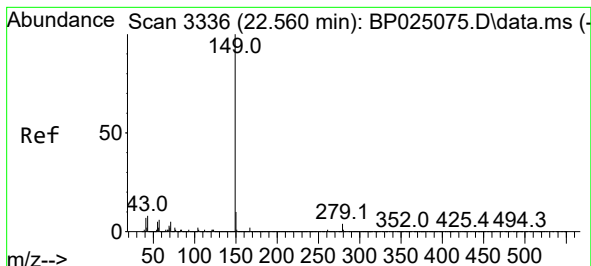
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 50.991 ng

RT: 22.542 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

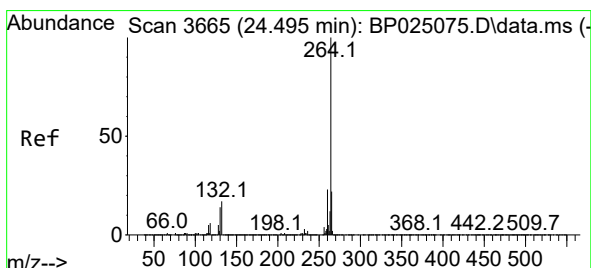
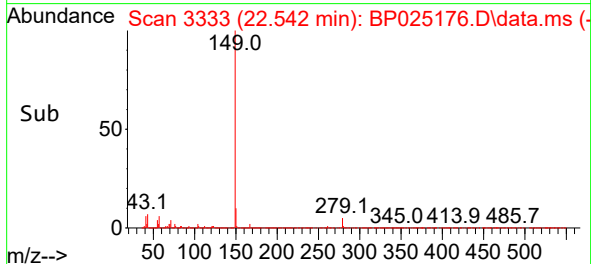
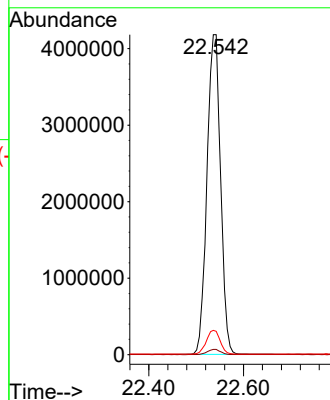
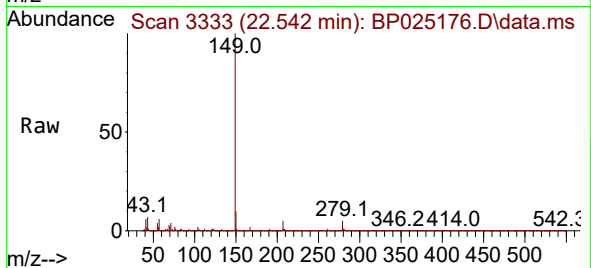
Tgt Ion:149 Resp: 8313359

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.495 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

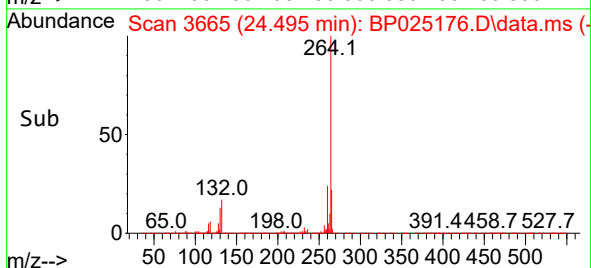
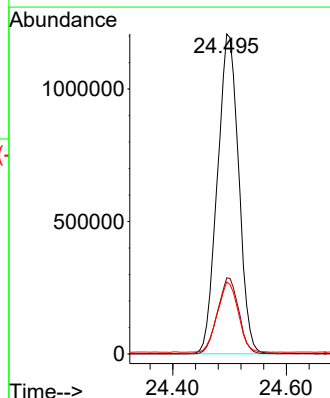
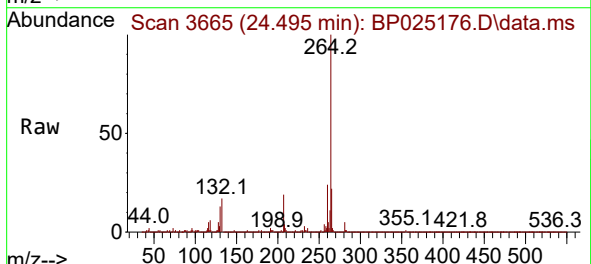
Tgt Ion:264 Resp: 3139029

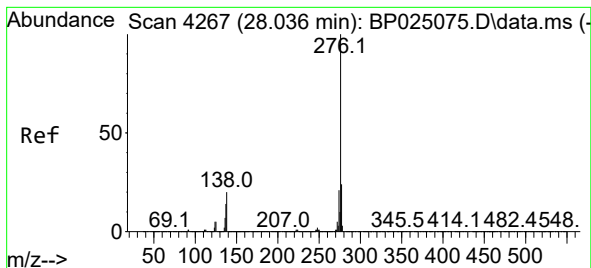
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.532 ng m

RT: 28.042 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

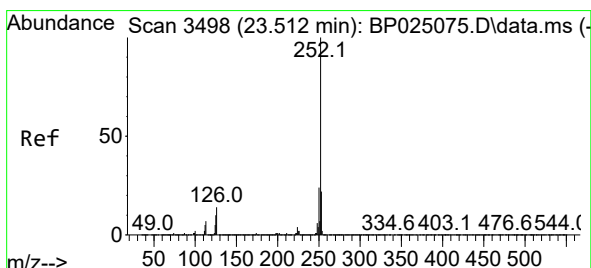
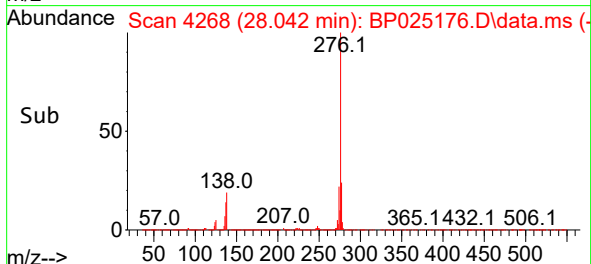
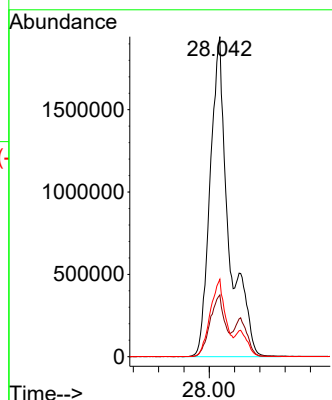
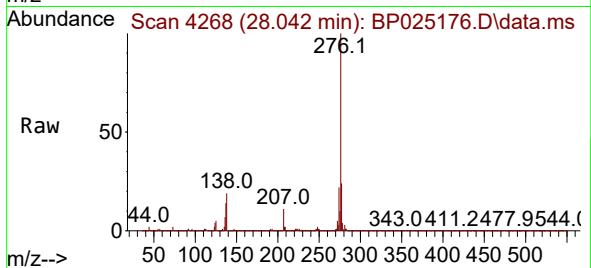
Tgt Ion:276 Resp: 9905155

Ion Ratio Lower Upper

276 100

138 15.5 13.0 19.6

277 20.0 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 39.995 ng

RT: 23.518 min Scan# 3499

Delta R.T. 0.006 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

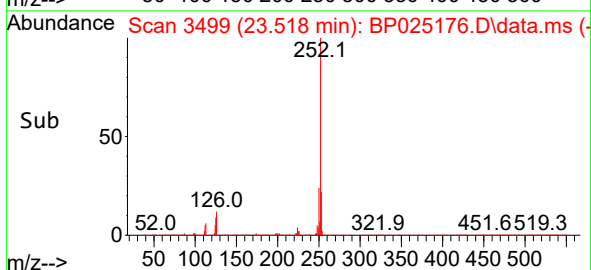
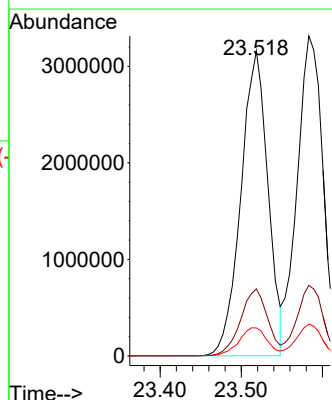
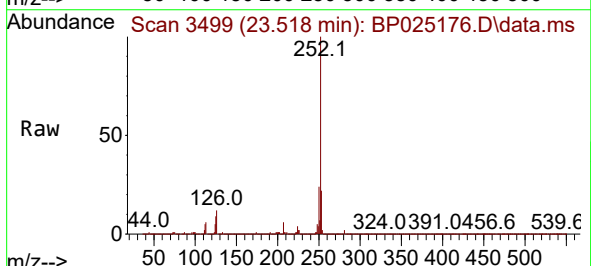
Tgt Ion:252 Resp: 7307428

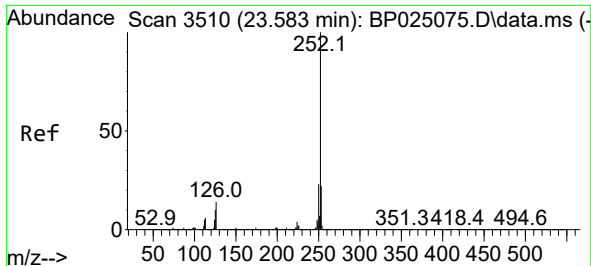
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.2 8.1 12.1

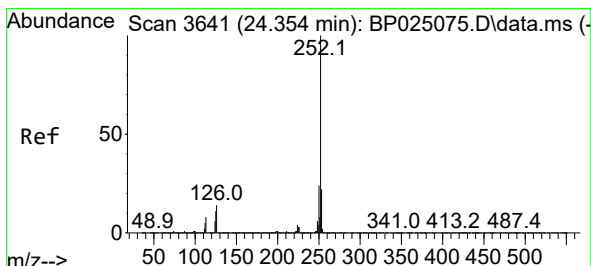
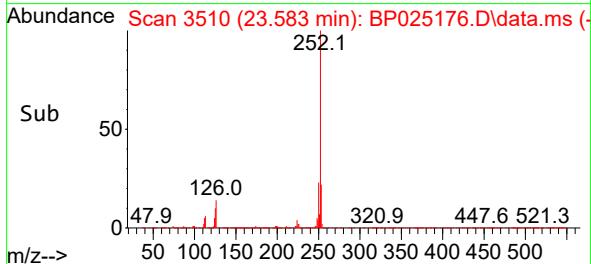
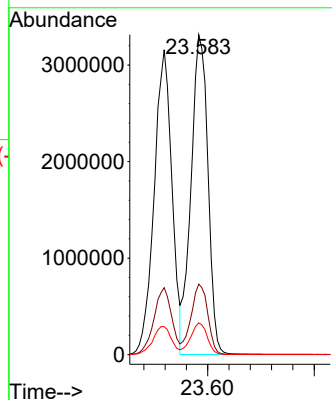
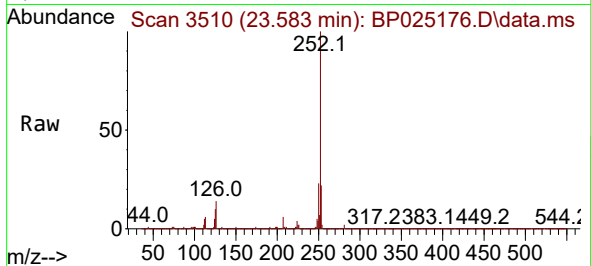




#89
Benzo(k)fluoranthene
Concen: 40.172 ng
RT: 23.583 min Scan# 3510
Delta R.T. 0.000 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

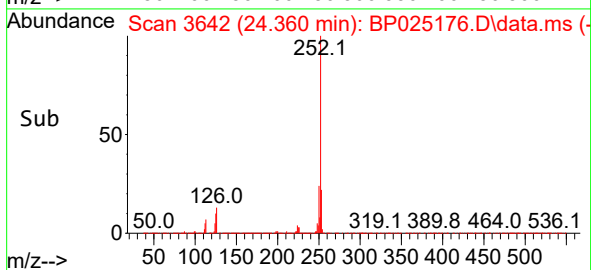
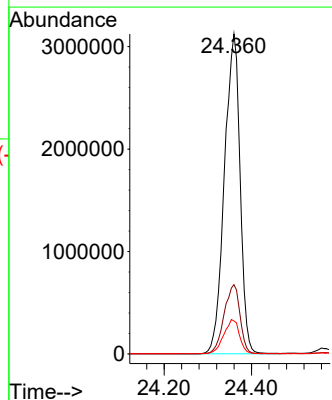
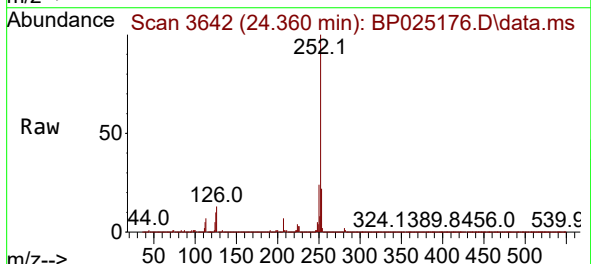
Instrument :
BNA_P
ClientSampleId :
PB168902BSD

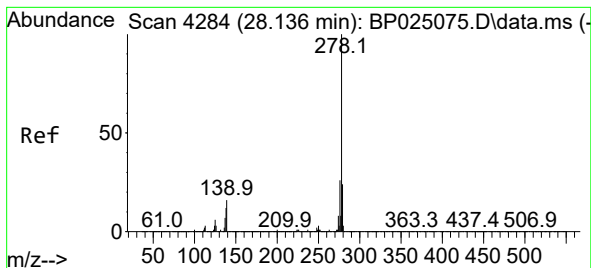
Tgt Ion:252 Resp: 7303026
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.9 8.2 12.2



#90
Benzo(a)pyrene
Concen: 49.726 ng
RT: 24.360 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025176.D
Acq: 17 Jul 2025 13:31

Tgt Ion:252 Resp: 7732491
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 49.923 ng

RT: 28.124 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168902BSD

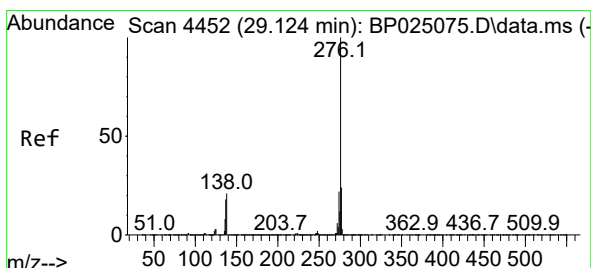
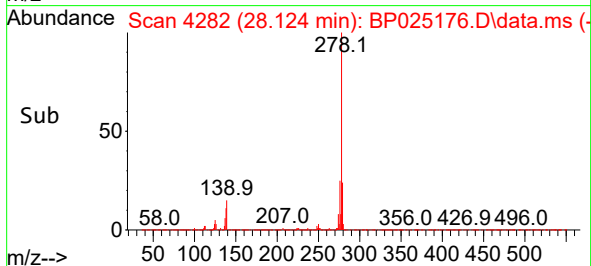
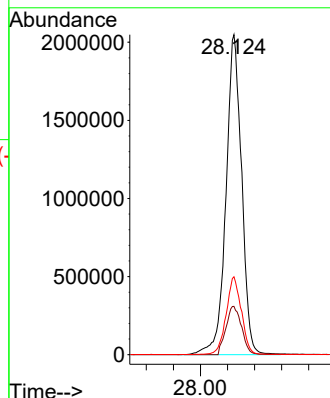
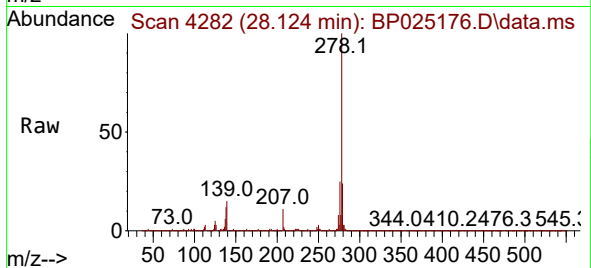
Tgt Ion:278 Resp: 8252125

Ion Ratio Lower Upper

278 100

139 15.1 13.1 19.7

279 24.4 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 43.981 ng

RT: 29.136 min Scan# 4454

Delta R.T. 0.012 min

Lab File: BP025176.D

Acq: 17 Jul 2025 13:31

Tgt Ion:276 Resp: 7510197

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 21.1 16.9 25.3

