

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025185.D
 Acq On : 17 Jul 2025 19:49
 Operator : CG/JU
 Sample : Q2597-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MS

Quant Time: Jul 18 01:39:06 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	566281	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2297749	20.000	ng	0.00
39) Acenaphthene-d10	14.107	164	1494708	20.000	ng	0.02
64) Phenanthrene-d10	16.919	188	2681392	20.000	ng	# 0.01
76) Chrysene-d12	21.366	240	3058243	20.000	ng	0.02
86) Perylene-d12	24.507	264	3857202	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2652913	83.008	ng	0.00
7) Phenol-d6	6.649	99	3400721	81.538	ng	0.02
23) Nitrobenzene-d5	8.578	82	2084392	60.330	ng	0.01
42) 2,4,6-Tribromophenol	15.631	330	1956397	110.797	ng	0.01
45) 2-Fluorobiphenyl	12.696	172	5876980	60.911	ng	0.00
79) Terphenyl-d14	19.695	244	8814239	63.343	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	416422	33.507	ng	98
3) Pyridine	3.490	79	1188387	34.927	ng	98
4) n-Nitrosodimethylamine	3.402	42	521074	36.170	ng	90
6) Aniline	6.784	93	1163465	29.857	ng	100
8) 2-Chlorophenol	7.025	128	1641086	45.893	ng	98
9) Benzaldehyde	6.602	77	962231	44.177	ng	96
10) Phenol	6.672	94	1851796	43.697	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1351799	41.448	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1750319	43.736	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1780892	43.952	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1731409	44.421	ng	100
15) Benzyl Alcohol	7.678	79	1236427	44.417	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.972	45	1687272	39.787	ng	97
17) 2-Methylphenol	7.890	107	1276330	46.755	ng	99
18) Hexachloroethane	8.502	117	608574	46.105	ng	96
19) n-Nitroso-di-n-propyla...	8.243	70	995934	40.265	ng	97
20) 3+4-Methylphenols	8.213	107	1736417	45.413	ng	98
22) Acetophenone	8.255	105	2195135	40.396	ng	# 97
24) Nitrobenzene	8.619	77	1500065	42.625	ng	96
25) Isophorone	9.143	82	2852010	44.171	ng	99
26) 2-Nitrophenol	9.319	139	874004	50.960	ng	98
27) 2,4-Dimethylphenol	9.396	122	1468843	60.984	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1802529	41.115	ng	100
29) 2,4-Dichlorophenol	9.849	162	1589260	47.586	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1683542	45.520	ng	98
31) Naphthalene	10.237	128	4974154	42.041	ng	100
32) Benzoic acid	9.549	122	1288701	52.839	ng	95
33) 4-Chloroaniline	10.355	127	979479	22.183	ng	98
34) Hexachlorobutadiene	10.537	225	1019791	48.049	ng	99
35) Caprolactam	11.143	113	500377	43.796	ng	97
36) 4-Chloro-3-methylphenol	11.502	107	1562177	44.760	ng	98
37) 2-Methylnaphthalene	11.872	142	3222524	38.602	ng	99
38) 1-Methylnaphthalene	12.096	142	3365670	41.339	ng	99
40) 1,2,4,5-Tetrachloroben...	12.249	216	1962119	45.676	ng	99
41) Hexachlorocyclopentadiene	12.237	237	1417458	126.325	ng	98
43) 2,4,6-Trichlorophenol	12.507	196	1332655	51.233	ng	98

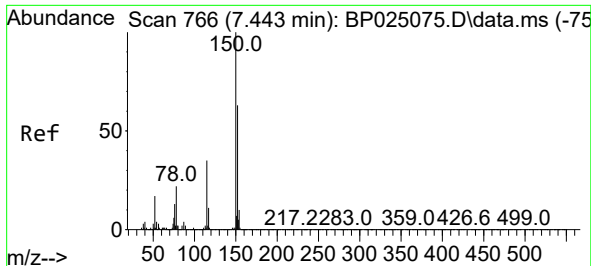
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025185.D
 Acq On : 17 Jul 2025 19:49
 Operator : CG/JU
 Sample : Q2597-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MS

Quant Time: Jul 18 01:39:06 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)
44) 2,4,5-Trichlorophenol	12.578	196	1478701	50.162	ng	98
46) 1,1'-Biphenyl	12.913	154	4617701	42.460	ng	99
47) 2-Chloronaphthalene	12.948	162	3609174	44.154	ng	99
48) 2-Nitroaniline	13.160	65	926171	46.356	ng	95
49) Acenaphthylene	13.819	152	5887176	47.058	ng	99
50) Dimethylphthalate	13.566	163	4300962	41.106	ng	99
51) 2,6-Dinitrotoluene	13.672	165	1012778	49.631	ng	93
52) Acenaphthene	14.172	154	3366733	41.753	ng	99
53) 3-Nitroaniline	14.007	138	863415	39.482	ng	99
54) 2,4-Dinitrophenol	14.219	184	474306	49.743	ng	93
55) Dibenzofuran	14.513	168	5356954	40.256	ng	100
56) 4-Nitrophenol	14.354	139	1890727	93.687	ng	93
57) 2,4-Dinitrotoluene	14.478	165	1331129	44.642	ng	# 90
58) Fluorene	15.178	166	4125124	40.078	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1285428	48.152	ng	96
60) Diethylphthalate	14.984	149	4230747	40.259	ng	98
61) 4-Chlorophenyl-phenylether	15.178	204	2072889	40.694	ng	98
62) 4-Nitroaniline	15.201	138	946847	41.291	ng	99
63) Azobenzene	15.484	77	3633654	38.830	ng	93
65) 4,6-Dinitro-2-methylph...	15.272	198	337191	30.001	ng	83
66) n-Nitrosodiphenylamine	15.407	169	3633877	47.355	ng	100
67) 4-Bromophenyl-phenylether	16.107	248	1473454	53.669	ng	99
68) Hexachlorobenzene	16.219	284	1672043	49.827	ng	97
69) Atrazine	16.413	200	1380205	61.379	ng	92
70) Pentachlorophenol	16.572	266	2298347	101.415	ng	99
71) Phenanthrene	16.966	178	6290464	43.904	ng	97
72) Anthracene	17.072	178	6507145	47.339	ng	98
73) Carbazole	17.348	167	5930743	44.128	ng	98
74) Di-n-butylphthalate	17.978	149	6931460	46.314	ng	98
75) Fluoranthene	19.078	202	7793937	46.537	ng	98
77) Benzidine	19.283	184	2132879	39.488	ng	# 91
78) Pyrene	19.454	202	8243660	43.520	ng	99
80) Butylbenzylphthalate	20.442	149	3348095	46.040	ng	99
81) Benzo(a)anthracene	21.348	228	8624872	46.537	ng	99
82) 3,3'-Dichlorobenzidine	21.272	252	1461598	26.197	ng	# 98
83) Chrysene	21.407	228	8307910	46.581	ng	99
84) Bis(2-ethylhexyl)phtha...	21.330	149	5522094	55.548	ng	# 97
85) Di-n-octyl phthalate	22.548	149	9443660	51.324	ng	97
87) Indeno(1,2,3-cd)pyrene	28.059	276	11014332	44.824	ng	95
88) Benzo(b)fluoranthene	23.524	252	10449535	46.544	ng	99
89) Benzo(k)fluoranthene	23.595	252	9450570	42.306	ng	99
90) Benzo(a)pyrene	24.371	252	9408317	49.238	ng	100
91) Dibenzo(a,h)anthracene	28.154	278	9747994	47.992	ng	98
92) Benzo(g,h,i)perylene	29.177	276	10086062	48.069	ng	98

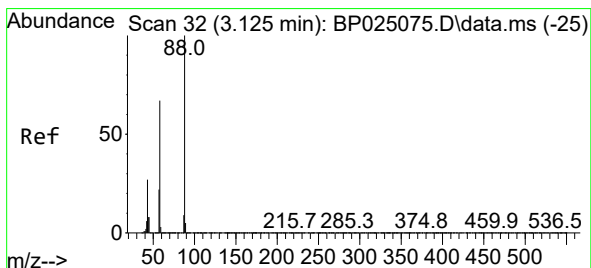
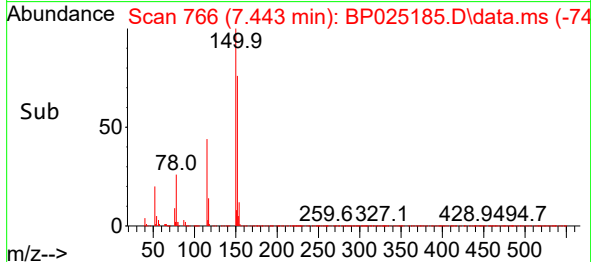
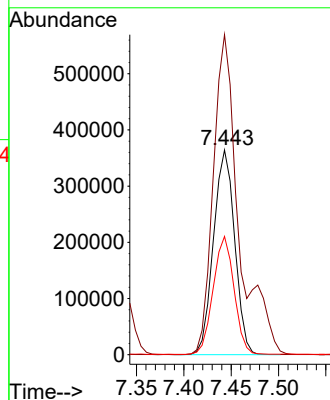
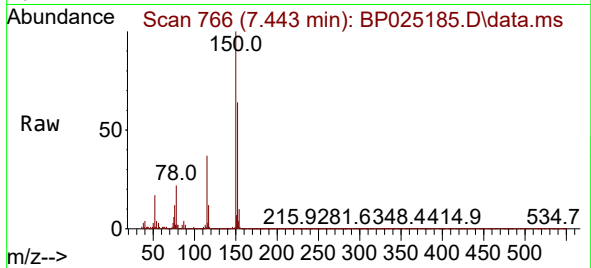
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BP025185.D
 Acq: 17 Jul 2025 19:49

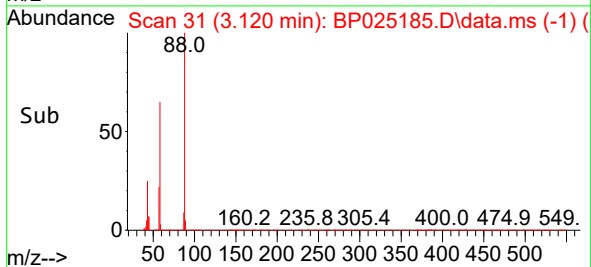
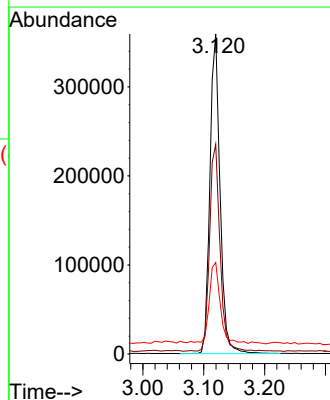
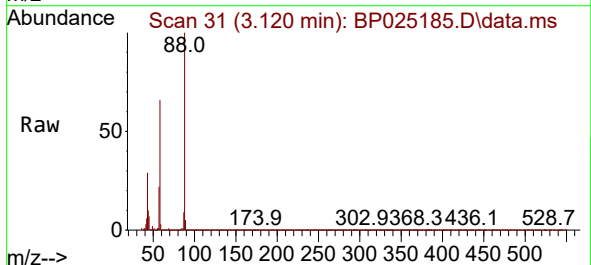
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MS

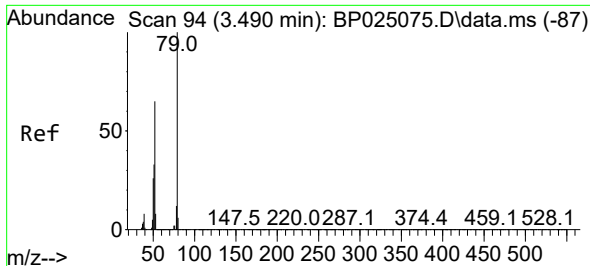
Tgt Ion:152 Resp: 566281
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.1 189.1
 115 57.8 44.3 66.5



#2
 1,4-Dioxane
 Concen: 33.507 ng
 RT: 3.120 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP025185.D
 Acq: 17 Jul 2025 19:49

Tgt Ion: 88 Resp: 416422
 Ion Ratio Lower Upper
 88 100
 58 67.2 55.0 82.4
 43 27.0 21.9 32.9



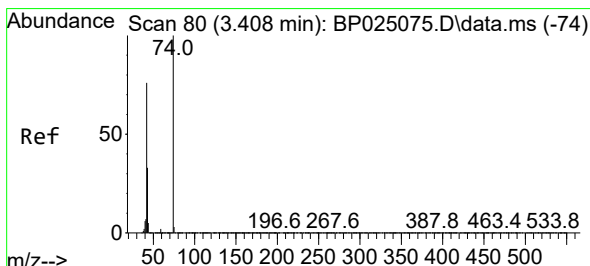
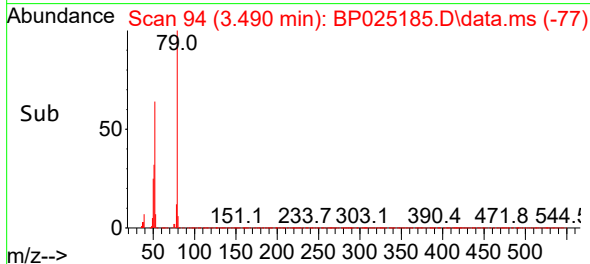
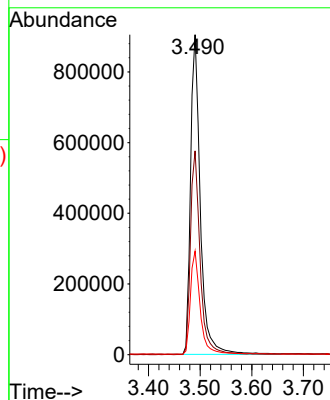
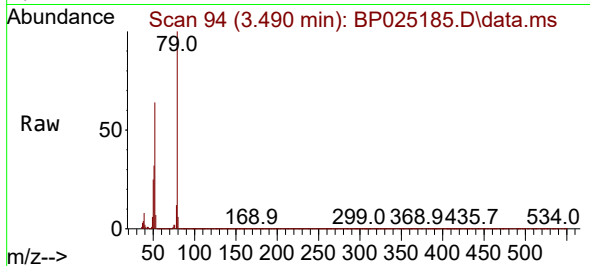


#3
 Pyridine
 Concen: 34.927 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025185.D
 Acq: 17 Jul 2025 19:49

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MS

Tgt Ion: 79 Resp: 1188387

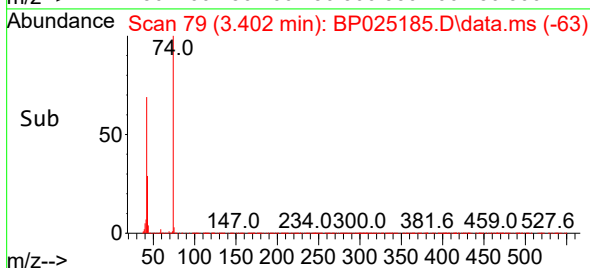
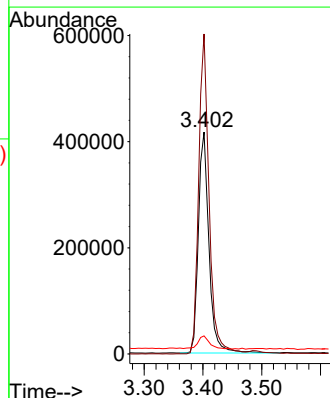
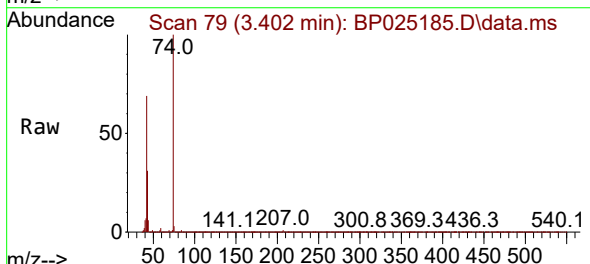
Ion	Ratio	Lower	Upper
79	100		
52	63.7	52.2	78.4
51	32.4	26.8	40.2

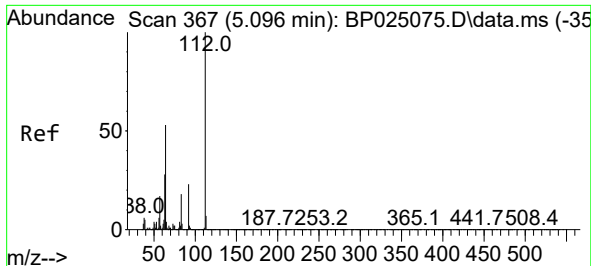


#4
 n-Nitrosodimethylamine
 Concen: 36.170 ng
 RT: 3.402 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BP025185.D
 Acq: 17 Jul 2025 19:49

Tgt Ion: 42 Resp: 521074

Ion	Ratio	Lower	Upper
42	100		
74	144.2	105.2	157.8
44	8.2	6.6	9.8

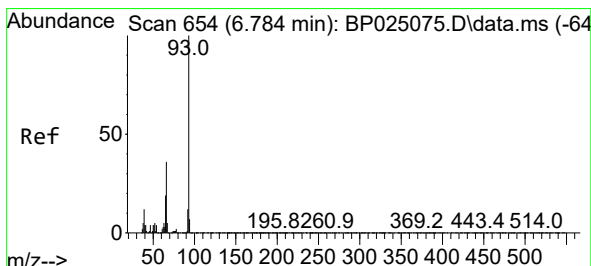
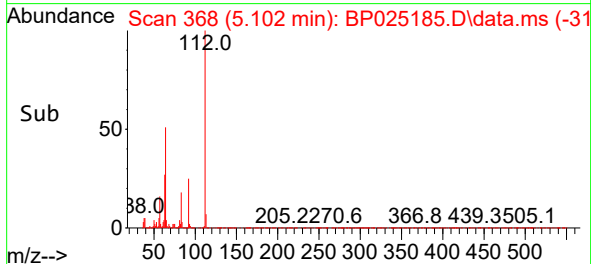
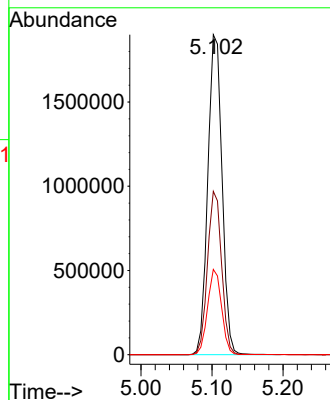
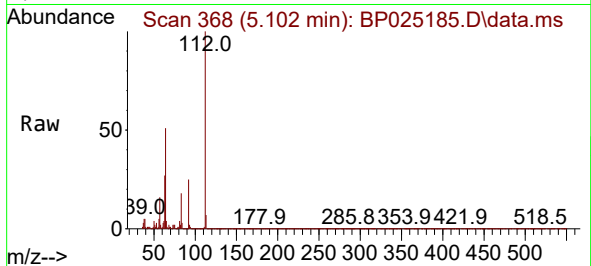




#5
2-Fluorophenol
Concen: 83.008 ng
RT: 5.102 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

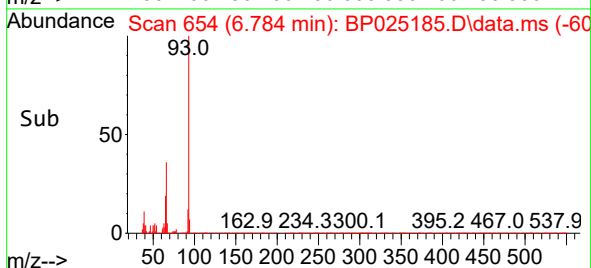
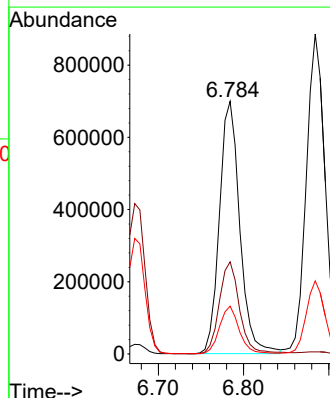
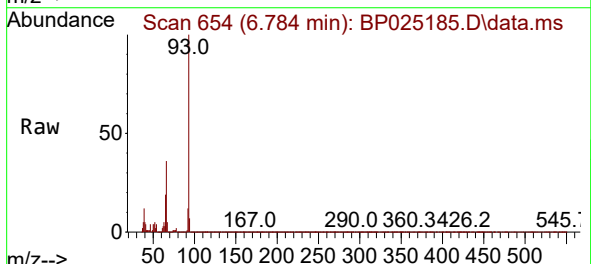
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

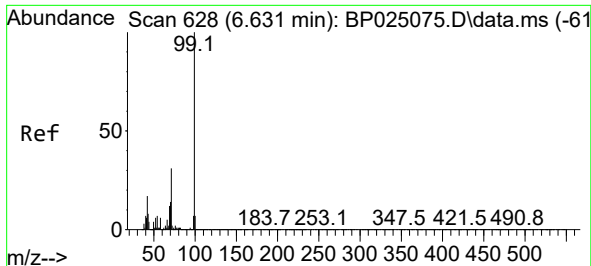
Tgt Ion:112 Resp: 2652913
Ion Ratio Lower Upper
112 100
64 51.0 42.0 63.0
63 26.7 22.2 33.2



#6
Aniline
Concen: 29.857 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion: 93 Resp: 1163465
Ion Ratio Lower Upper
93 100
66 36.5 28.9 43.3
65 18.9 15.2 22.8

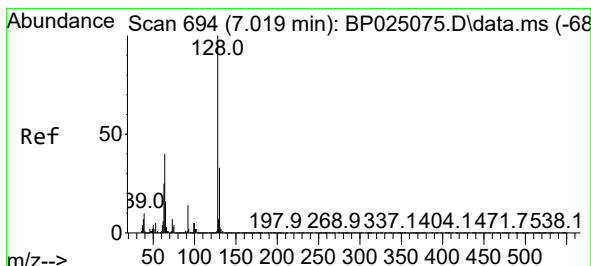
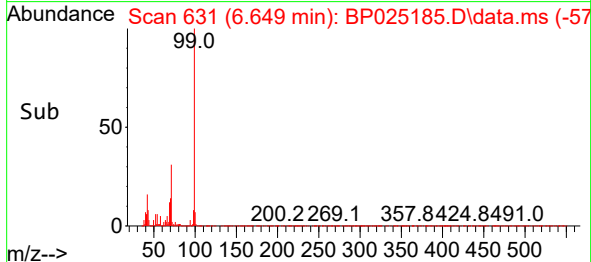
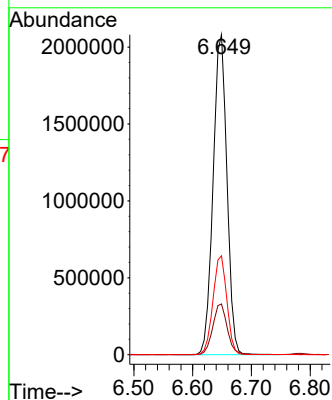
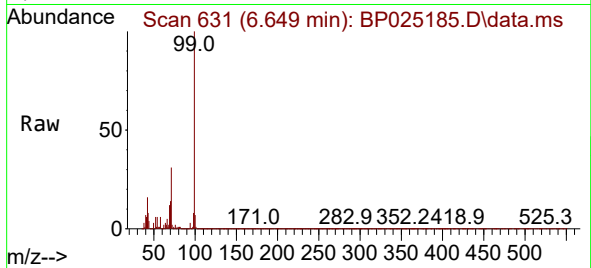




#7
Phenol-d6
Concen: 81.538 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

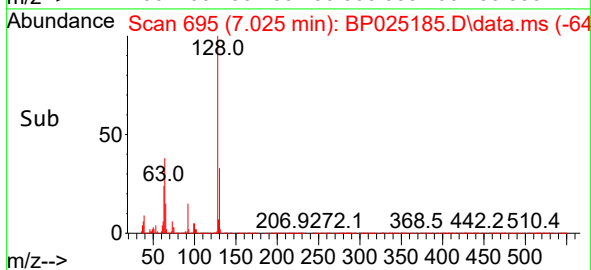
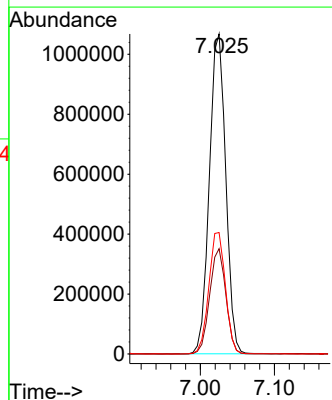
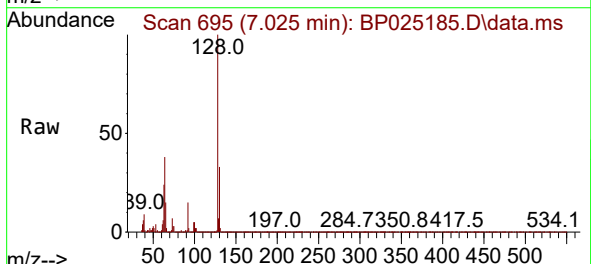
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

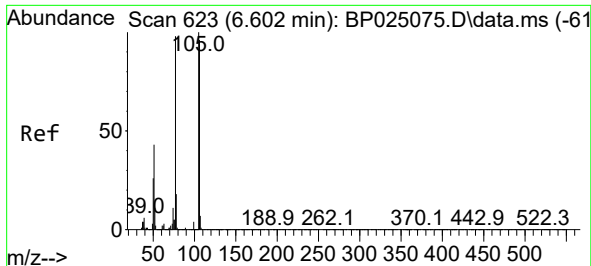
Tgt Ion: 99 Resp: 3400721
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 30.9 24.4 36.6



#8
2-Chlorophenol
Concen: 45.893 ng
RT: 7.025 min Scan# 695
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion: 128 Resp: 1641086
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 38.0 20.3 60.3

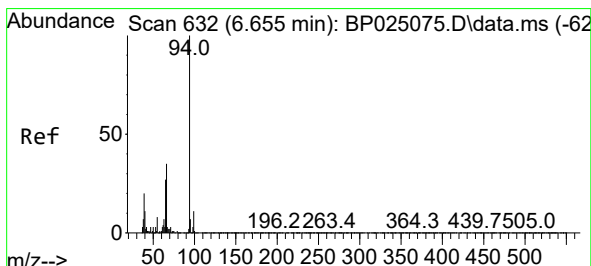
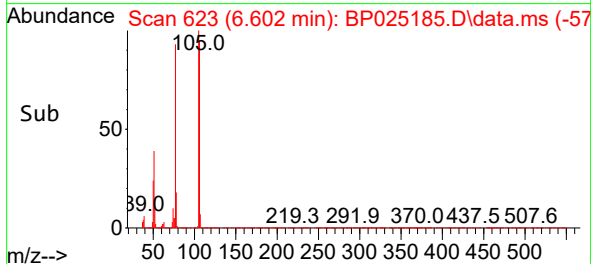
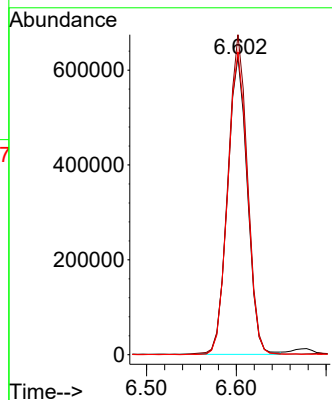
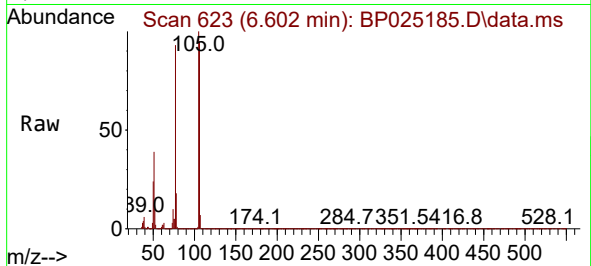




#9
Benzaldehyde
Concen: 44.177 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

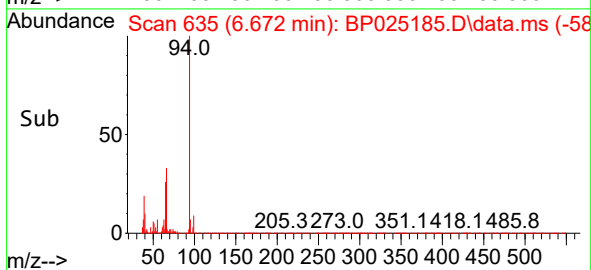
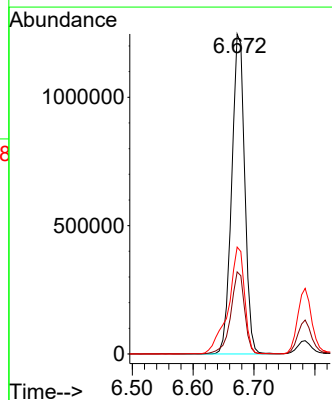
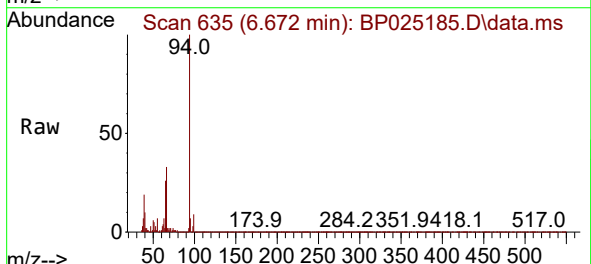
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

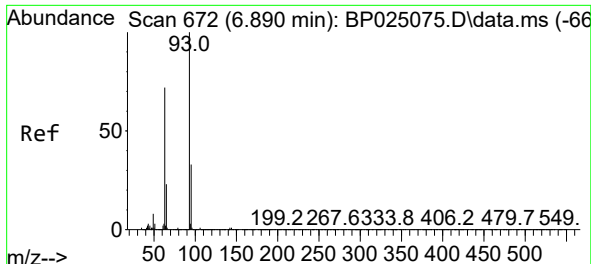
Tgt Ion: 77 Resp: 962231
Ion Ratio Lower Upper
77 100
105 107.4 82.4 122.4
106 101.6 78.3 118.3



#10
Phenol
Concen: 43.697 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion: 94 Resp: 1851796
Ion Ratio Lower Upper
94 100
65 25.7 6.9 46.9
66 33.4 14.6 54.6





#11

bis(2-Chloroethyl)ether

Concen: 41.448 ng

RT: 6.884 min Scan# 6

Delta R.T. -0.006 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

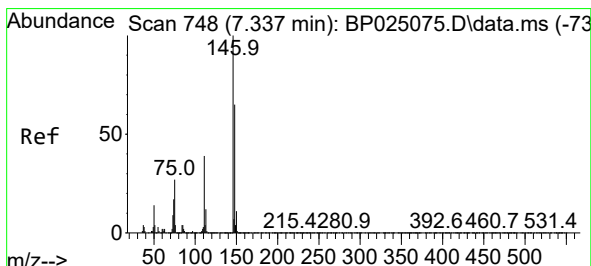
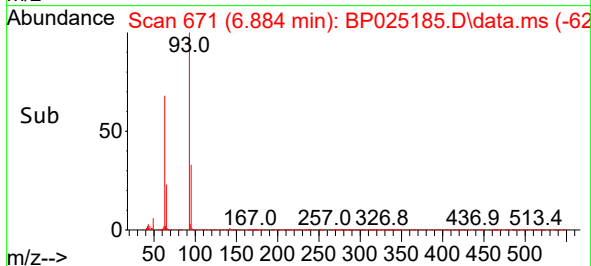
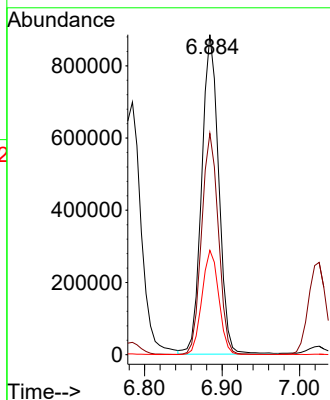
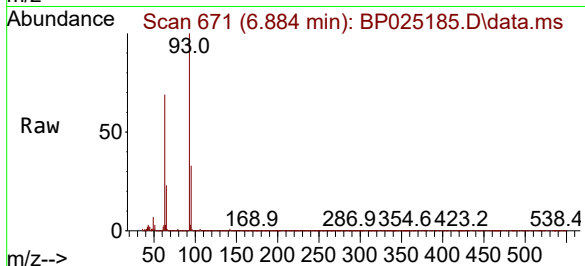
Tgt Ion: 93 Resp: 1351799

Ion Ratio Lower Upper

93 100

63 69.1 51.9 91.9

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.736 ng

RT: 7.337 min Scan# 748

Delta R.T. 0.000 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

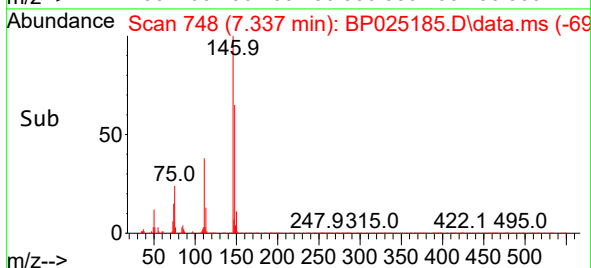
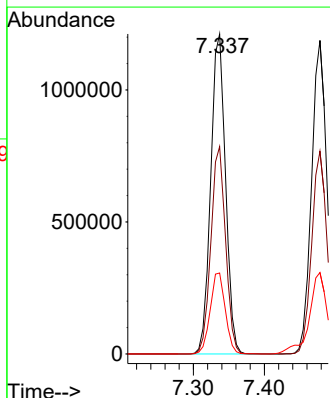
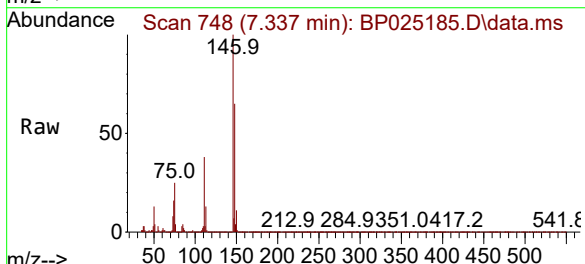
Tgt Ion:146 Resp: 1750319

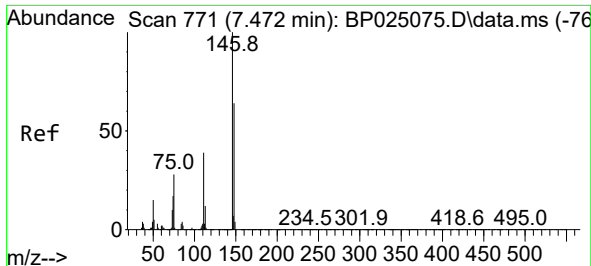
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 25.3 21.8 32.6

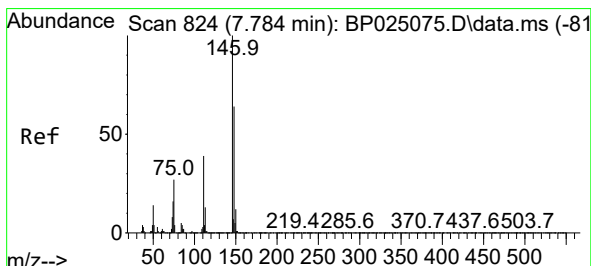
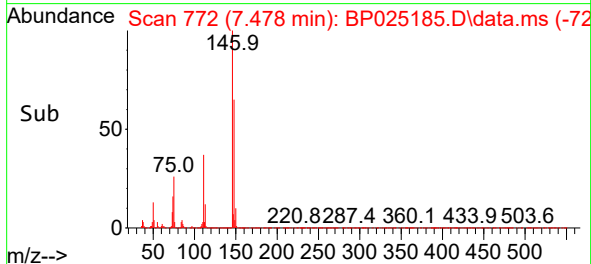
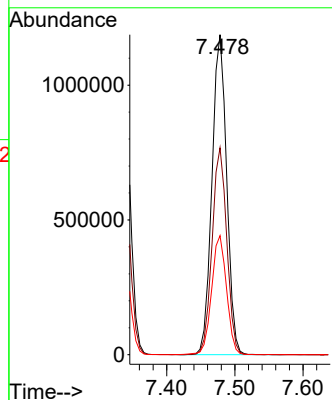
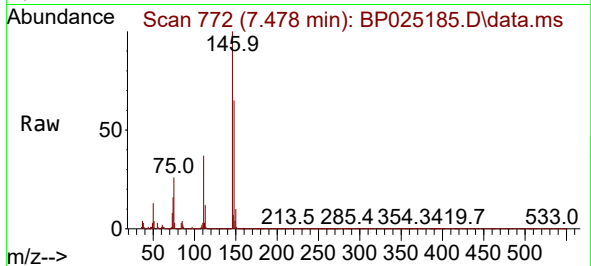




#13
1,4-Dichlorobenzene
Concen: 43.952 ng
RT: 7.478 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

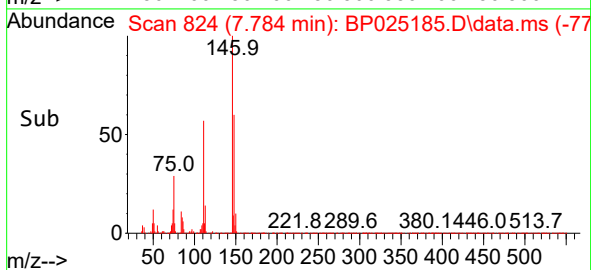
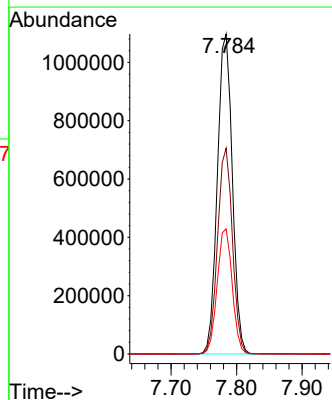
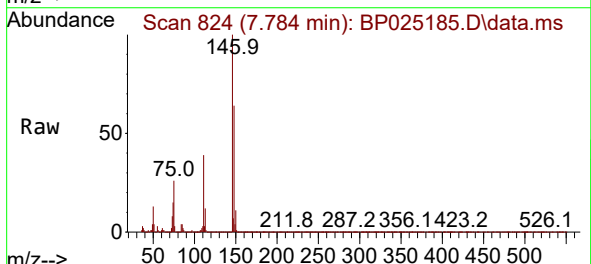
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

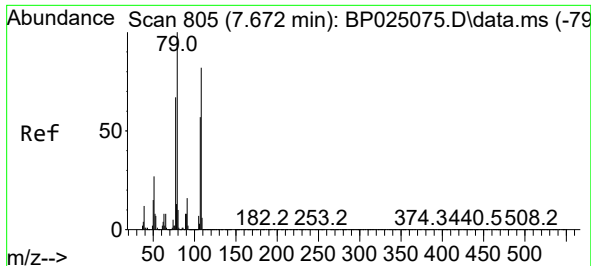
Tgt Ion:146 Resp: 1780892
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
111 37.2 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 44.421 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:146 Resp: 1731409
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 39.1 31.2 46.8

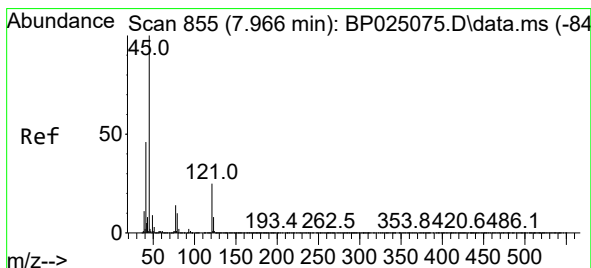
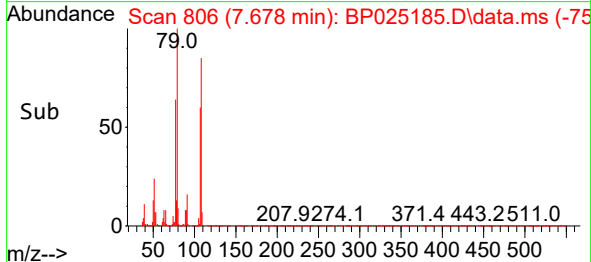
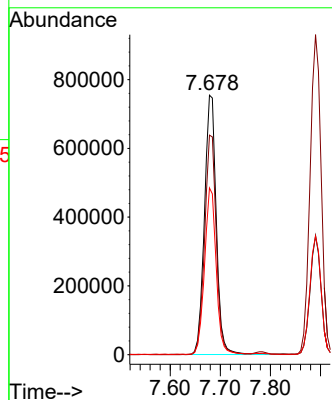
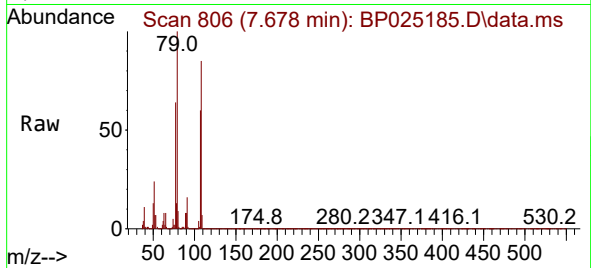




#15
Benzyl Alcohol
Concen: 44.417 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

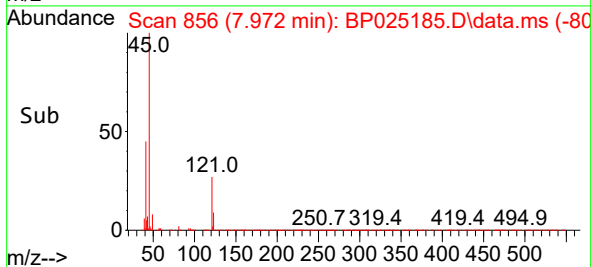
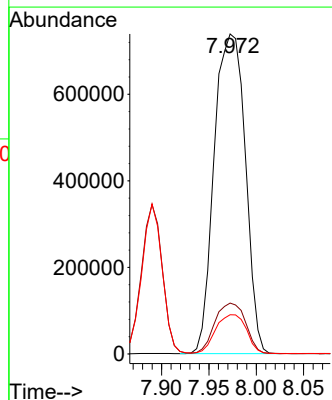
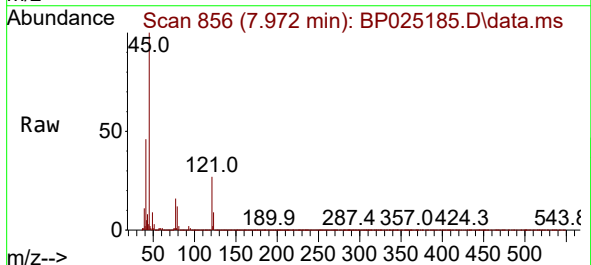
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

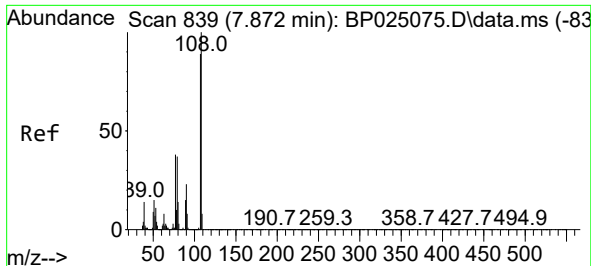
Tgt Ion: 79 Resp: 1236427
Ion Ratio Lower Upper
79 100
108 84.6 66.0 99.0
77 64.3 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.787 ng
RT: 7.972 min Scan# 856
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion: 45 Resp: 1687272
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.8
79 12.2 0.0 30.7

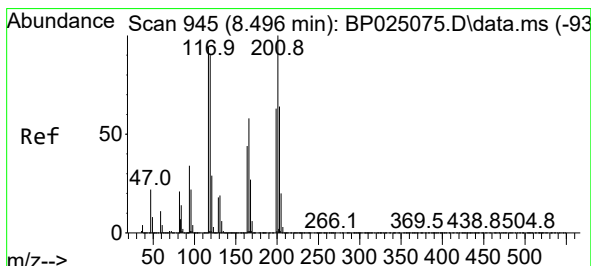
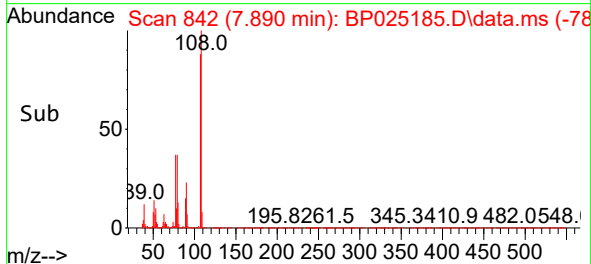
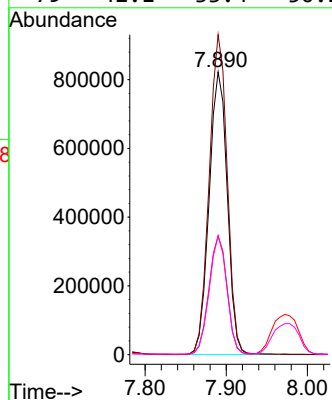
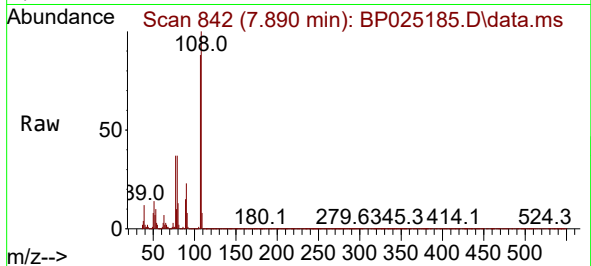




#17
2-Methylphenol
Concen: 46.755 ng
RT: 7.890 min Scan# 84
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

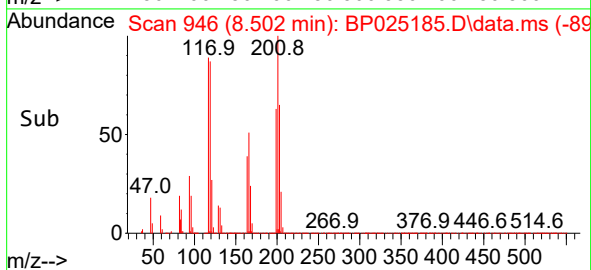
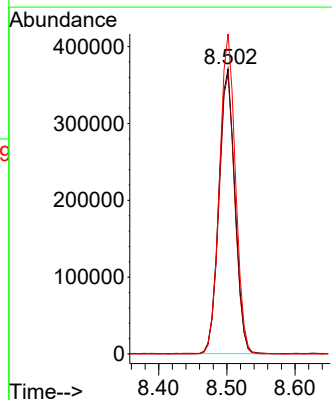
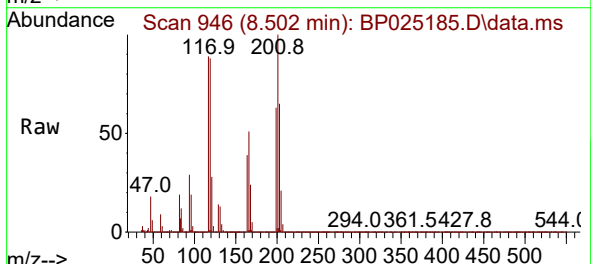
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

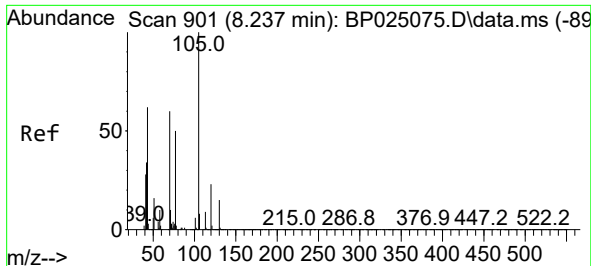
Tgt Ion:107 Resp: 1276330
Ion Ratio Lower Upper
107 100
108 113.1 89.7 134.5
77 42.0 34.2 51.4
79 42.1 33.4 50.2



#18
Hexachloroethane
Concen: 46.105 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:117 Resp: 608574
Ion Ratio Lower Upper
117 100
119 98.3 76.6 115.0
201 112.3 85.4 128.2

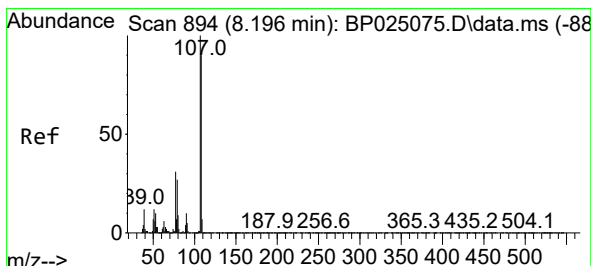
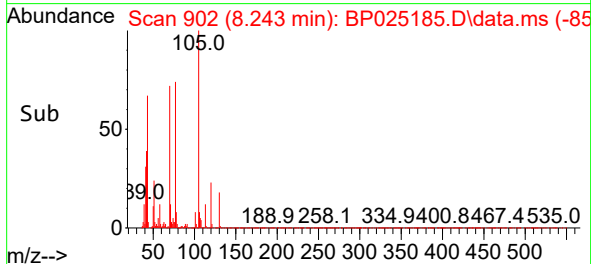
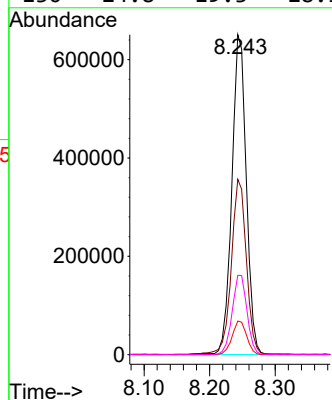
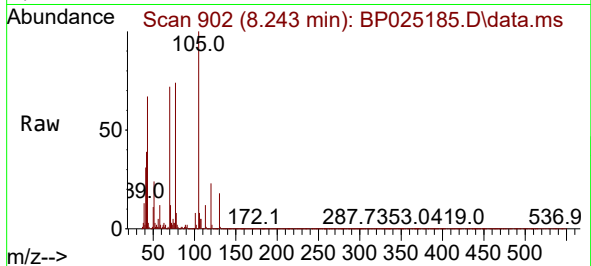




#19
n-Nitroso-di-n-propylamine
Concen: 40.265 ng
RT: 8.243 min Scan# 901
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

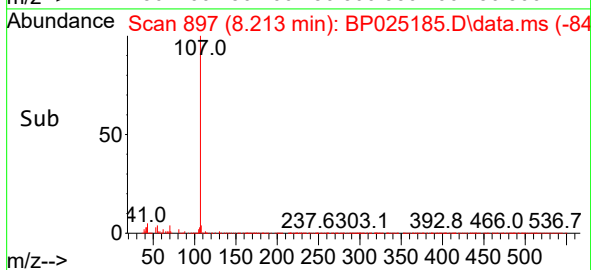
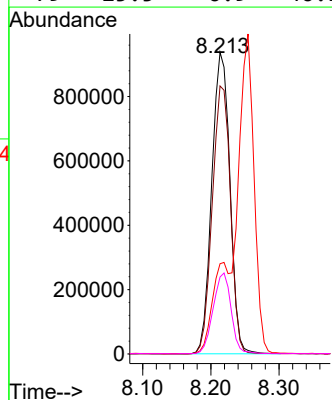
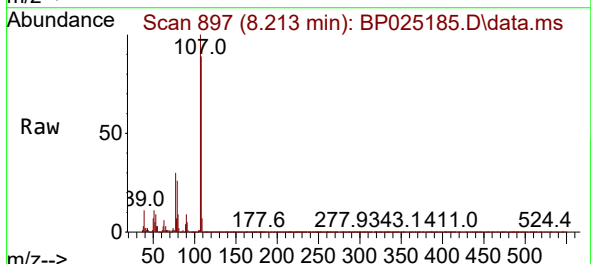
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

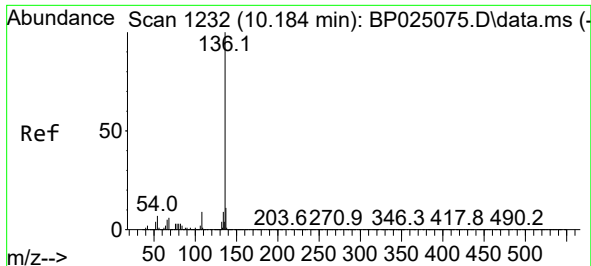
Tgt Ion: 70 Resp: 995934
Ion Ratio Lower Upper
70 100
42 54.8 46.5 69.7
101 10.5 7.9 11.9
130 24.8 19.3 28.9



#20
3+4-Methylphenols
Concen: 45.413 ng
RT: 8.213 min Scan# 897
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion: 107 Resp: 1736417
Ion Ratio Lower Upper
107 100
108 88.8 69.5 109.5
77 29.9 11.4 51.4
79 25.5 6.9 46.9

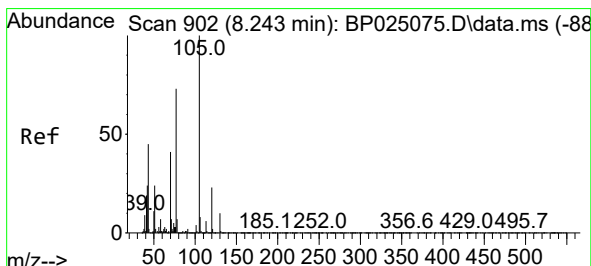
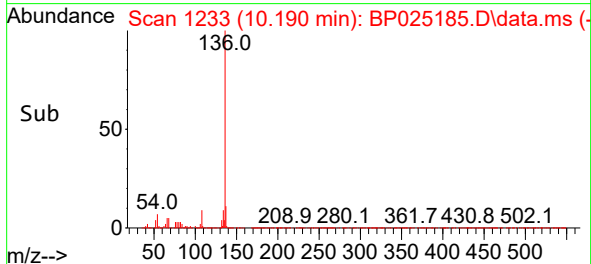
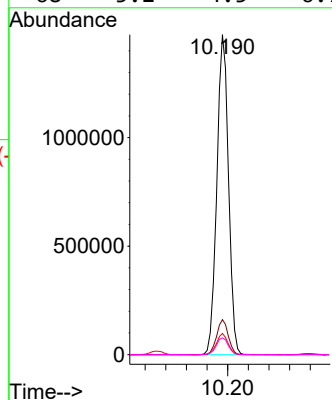
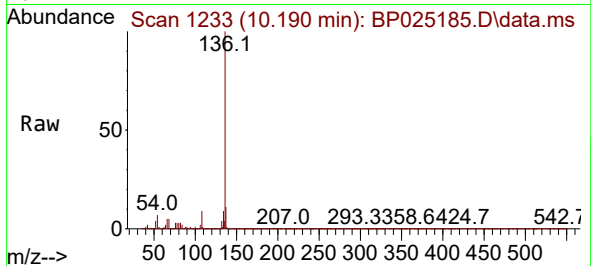




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

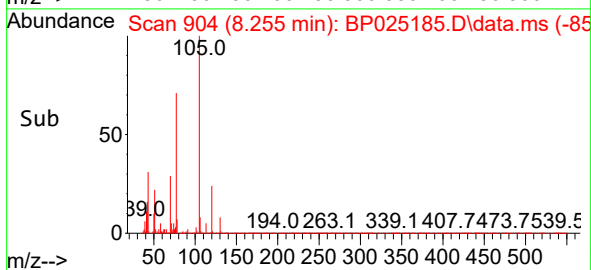
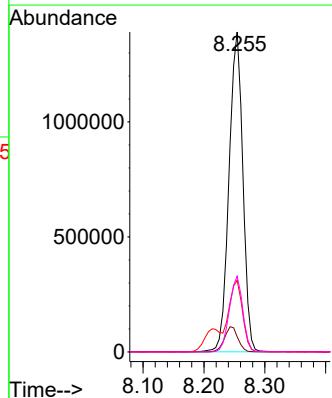
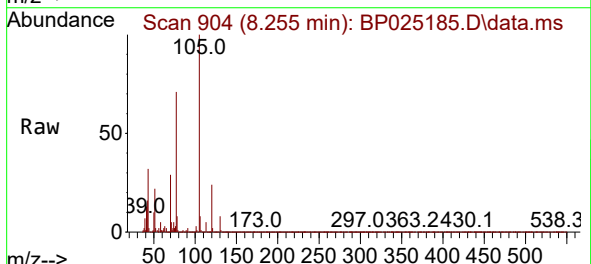
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

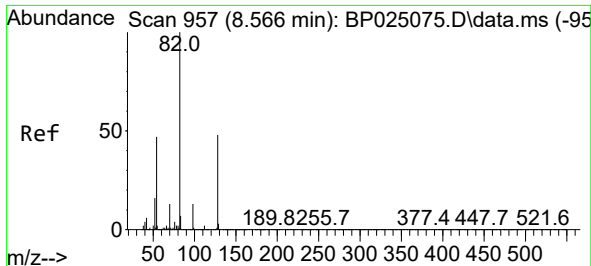
Tgt Ion:136 Resp: 2297749
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.6 5.4 8.2
68 5.2 4.5 6.7



#22
Acetophenone
Concen: 40.396 ng
RT: 8.255 min Scan# 904
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:105 Resp: 2195135
Ion Ratio Lower Upper
105 100
71 4.7 5.4 8.2#
51 22.4 19.6 29.4
120 23.7 18.8 28.2

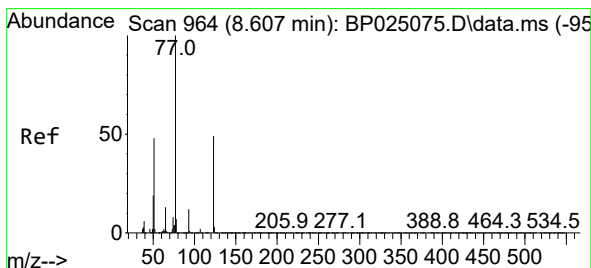
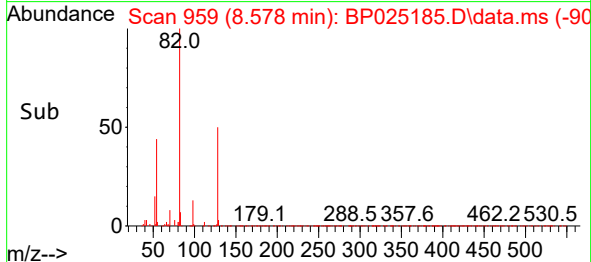
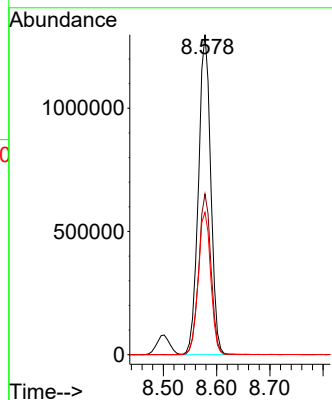
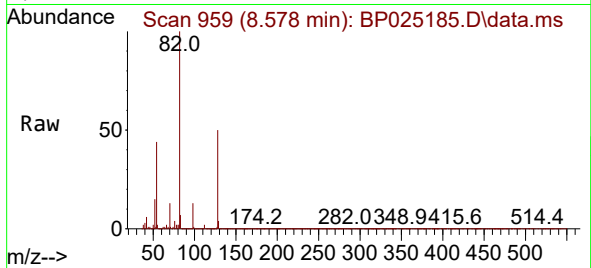




#23
Nitrobenzene-d5
Concen: 60.330 ng
RT: 8.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

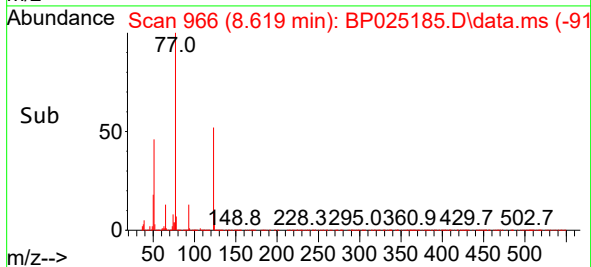
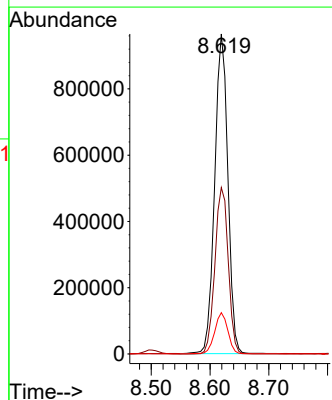
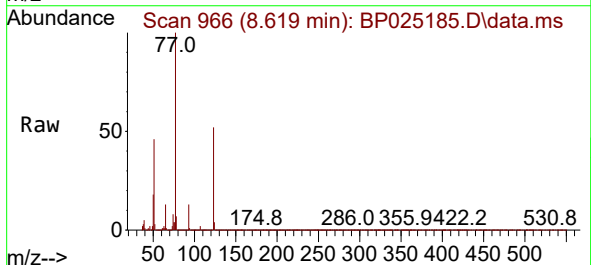
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

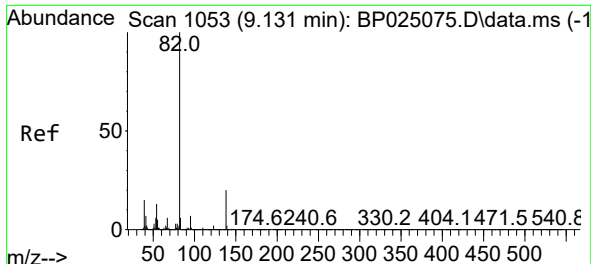
Tgt Ion: 82 Resp: 2084392
Ion Ratio Lower Upper
82 100
128 50.2 38.4 57.6
54 44.5 37.8 56.6



#24
Nitrobenzene
Concen: 42.625 ng
RT: 8.619 min Scan# 966
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion: 77 Resp: 1500065
Ion Ratio Lower Upper
77 100
123 52.0 39.0 58.6
65 12.9 10.7 16.1

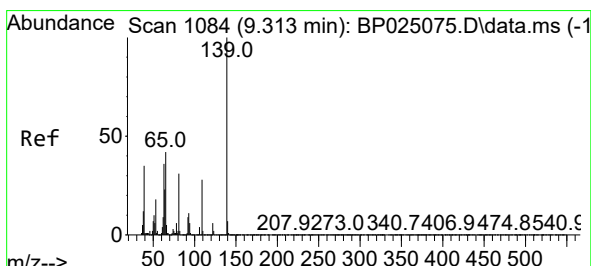
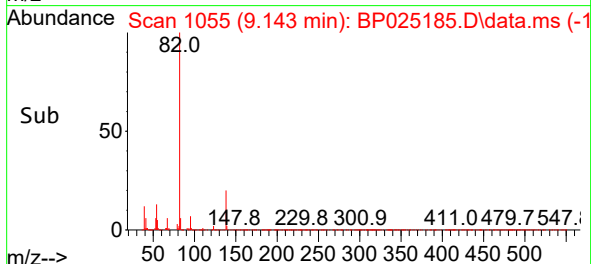
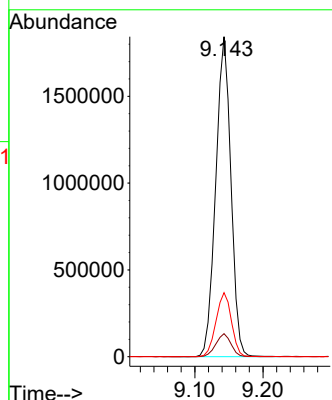
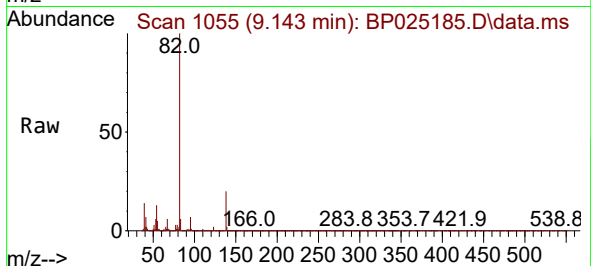




#25
Isophorone
Concen: 44.171 ng
RT: 9.143 min Scan# 1053
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

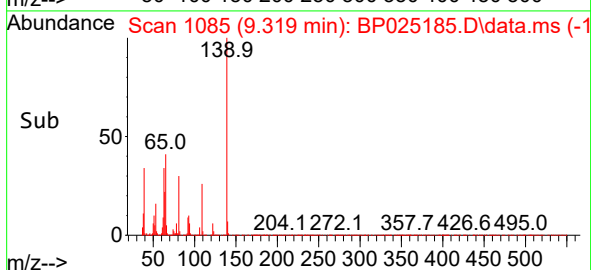
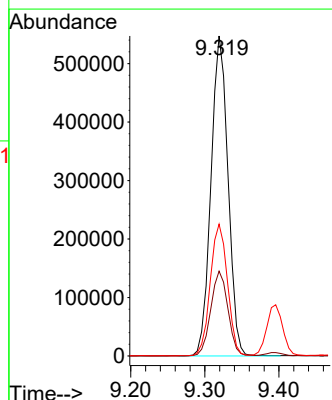
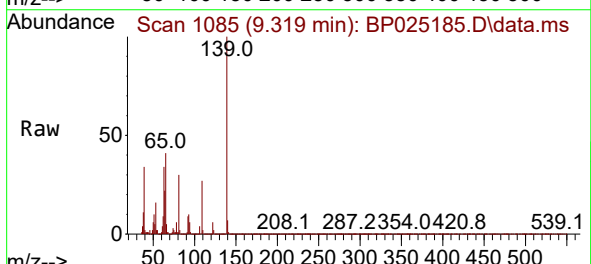
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

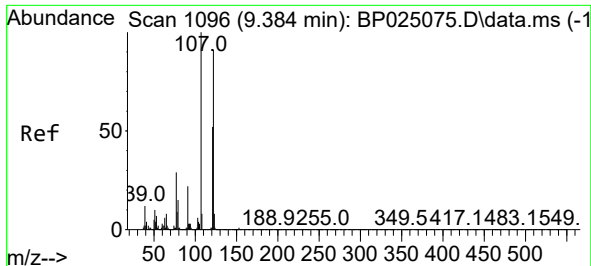
Tgt Ion: 82 Resp: 2852010
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 20.0 15.7 23.5



#26
2-Nitrophenol
Concen: 50.960 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion: 139 Resp: 874004
Ion Ratio Lower Upper
139 100
109 26.5 22.3 33.5
65 41.2 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 60.984 ng

RT: 9.396 min Scan# 1098

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

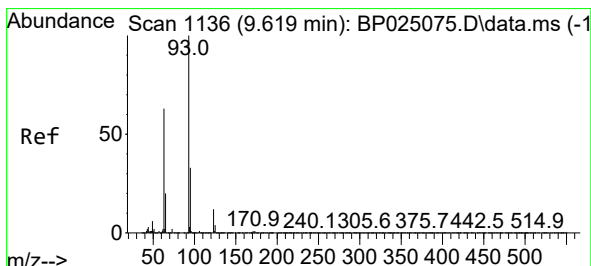
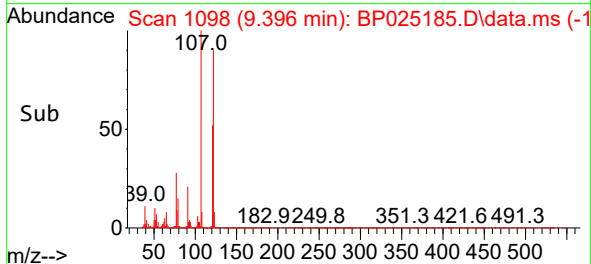
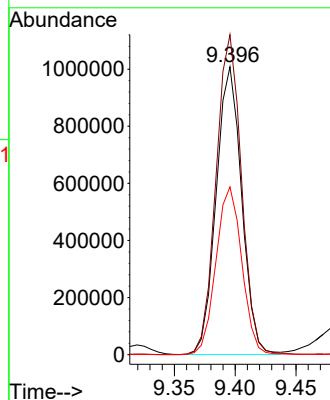
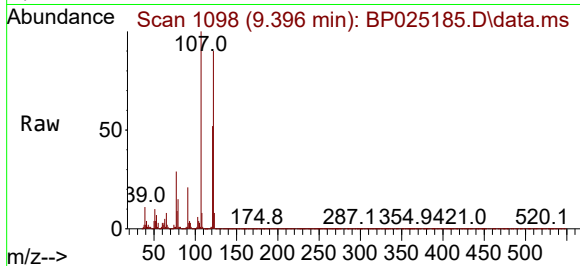
Tgt Ion:122 Resp: 1468843

Ion Ratio Lower Upper

122 100

107 111.2 88.2 132.2

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.115 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

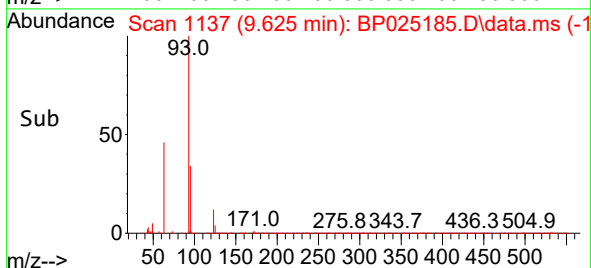
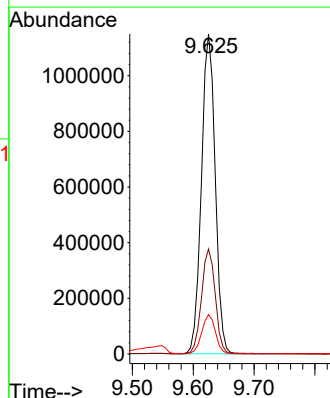
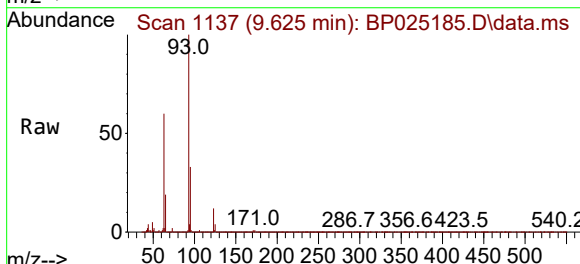
Tgt Ion: 93 Resp: 1802529

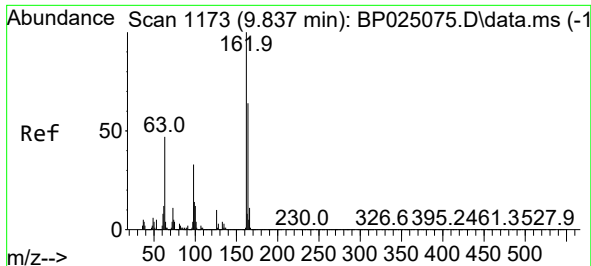
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 12.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 47.586 ng

RT: 9.849 min Scan# 1173

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

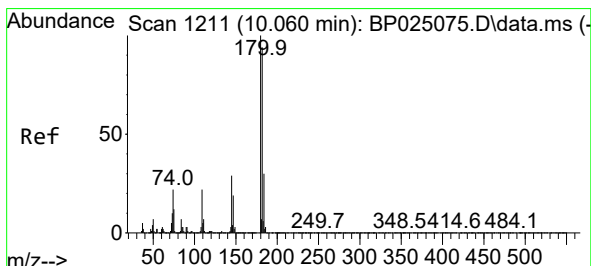
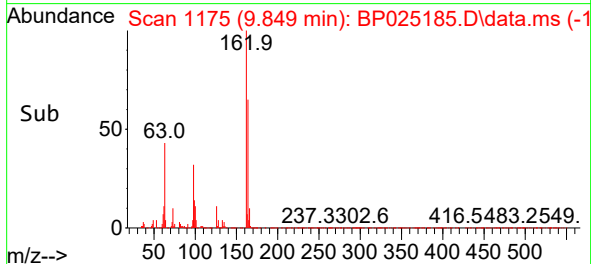
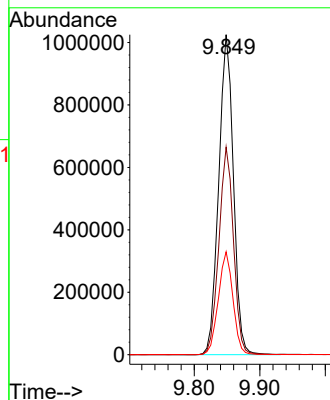
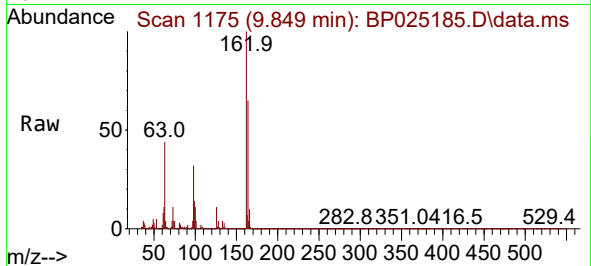
Tgt Ion:162 Resp: 1589260

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

98 32.2 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 45.520 ng

RT: 10.060 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

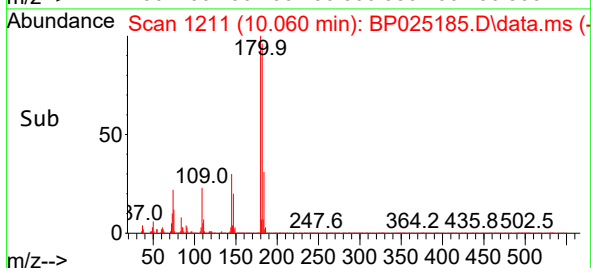
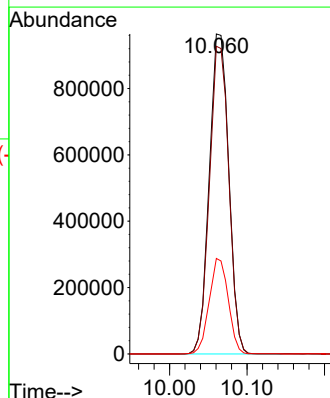
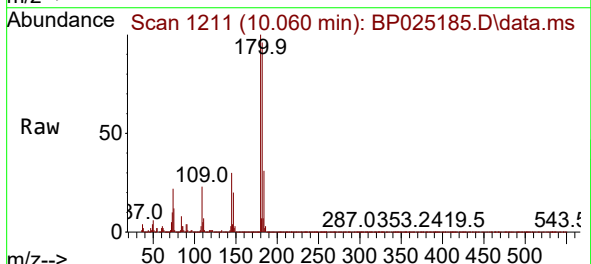
Tgt Ion:180 Resp: 1683542

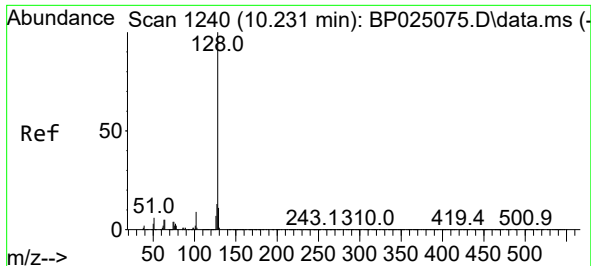
Ion Ratio Lower Upper

180 100

182 96.1 75.1 112.7

145 29.8 23.3 34.9

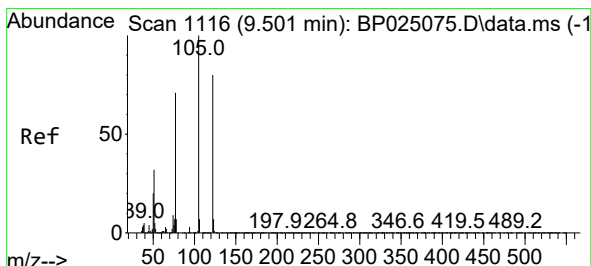
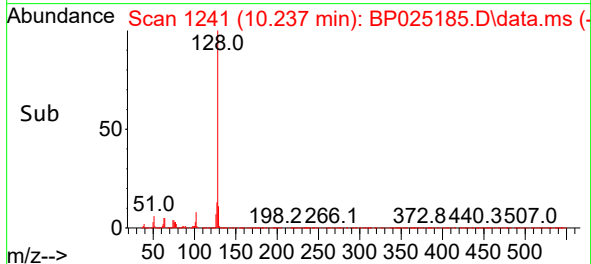
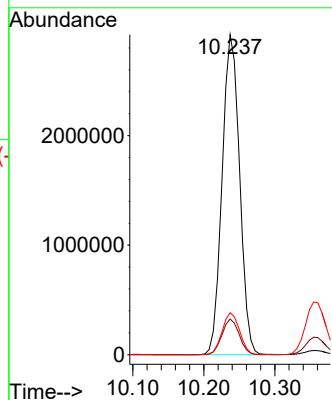
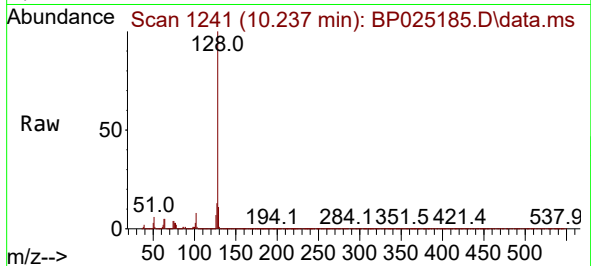




#31
Naphthalene
Concen: 42.041 ng
RT: 10.237 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

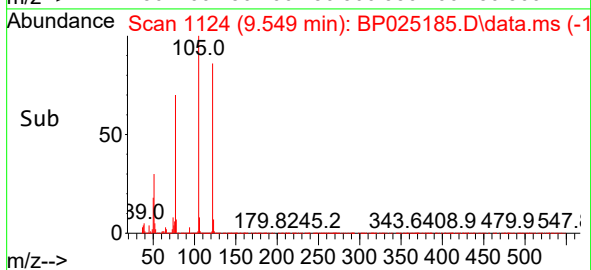
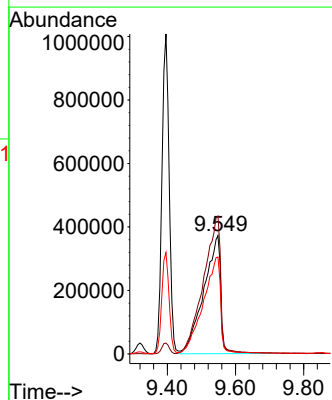
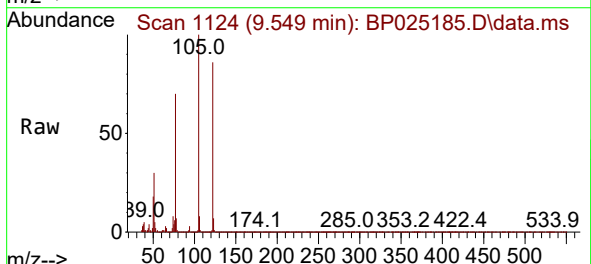
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

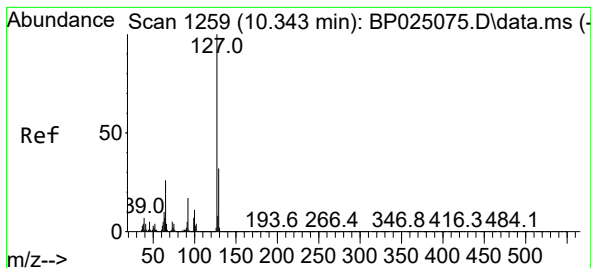
Tgt Ion:128 Resp: 4974154
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 52.839 ng
RT: 9.549 min Scan# 1124
Delta R.T. 0.048 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:122 Resp: 1288701
Ion Ratio Lower Upper
122 100
105 116.5 101.0 141.0
77 81.9 67.6 107.6

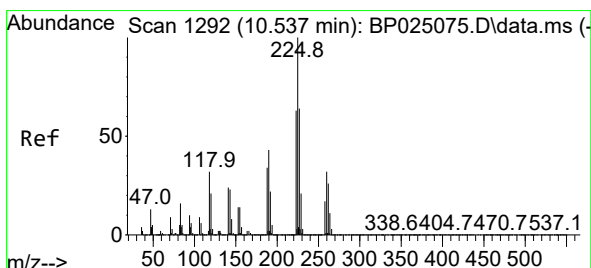
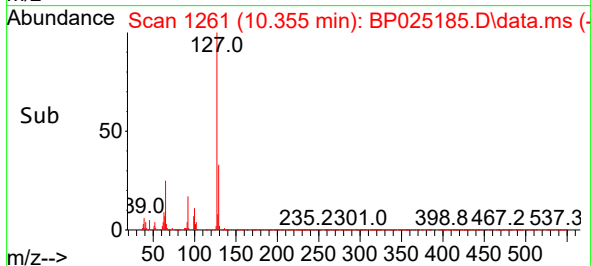
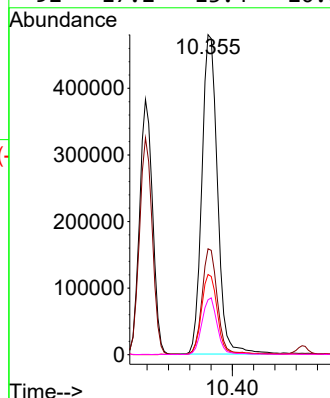
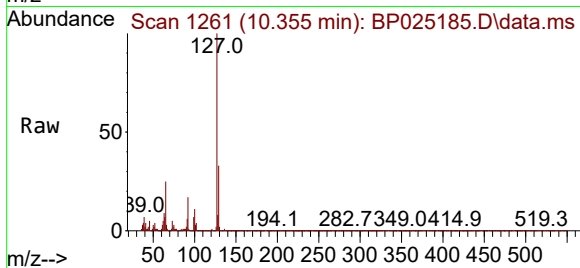




#33
4-Chloroaniline
Concen: 22.183 ng
RT: 10.355 min Scan# 1261
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

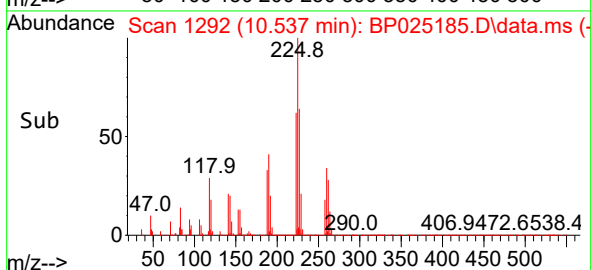
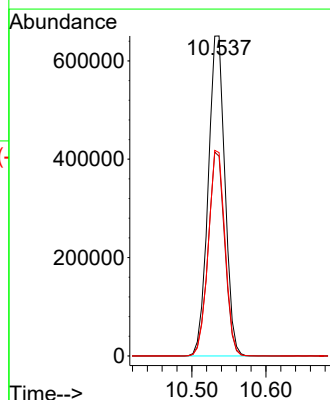
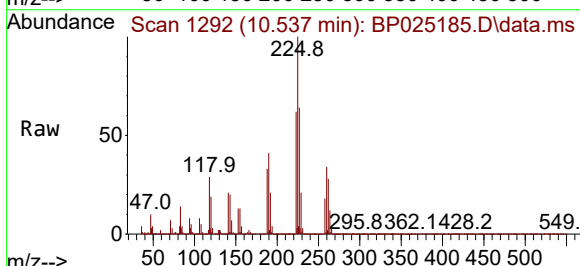
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

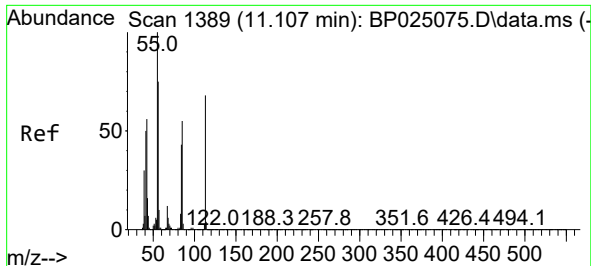
Tgt Ion:	127	Resp:	979479
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	25.1	21.0	31.6
92	17.2	13.4	20.0



#34
Hexachlorobutadiene
Concen: 48.049 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:	225	Resp:	1019791
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	63.6	51.3	76.9

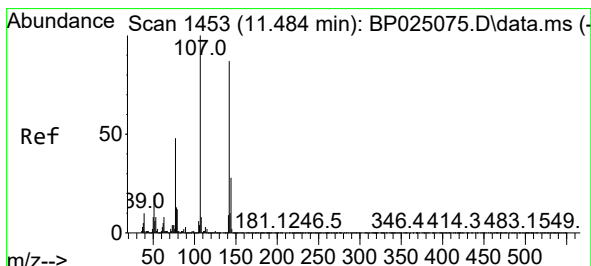
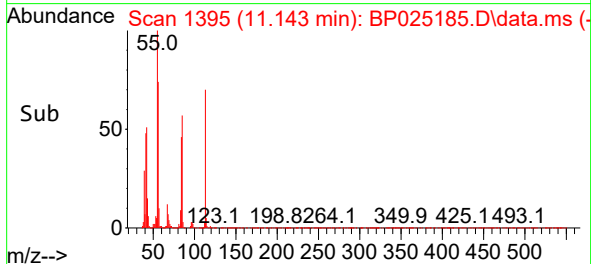
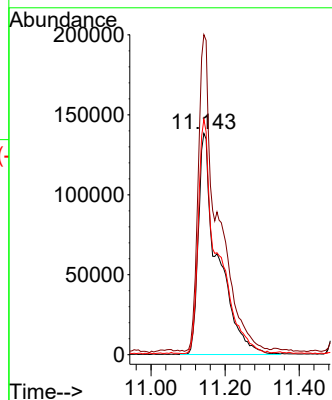
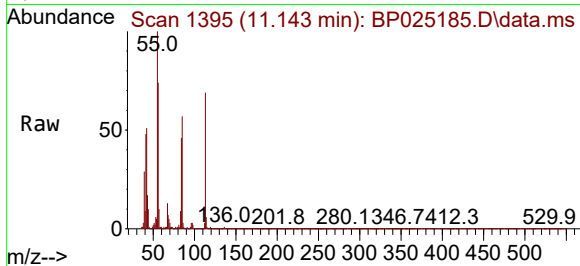




#35
Caprolactam
Concen: 43.796 ng
RT: 11.143 min Scan# 111
Delta R.T. 0.035 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

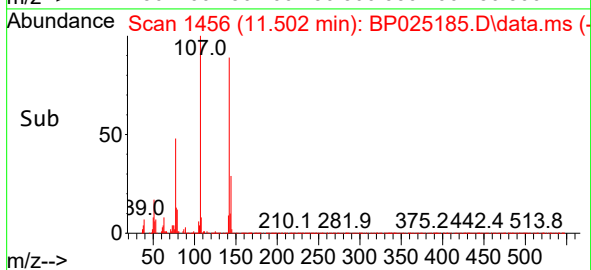
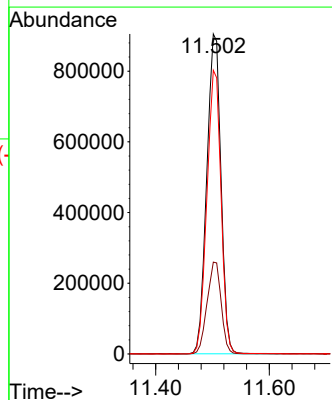
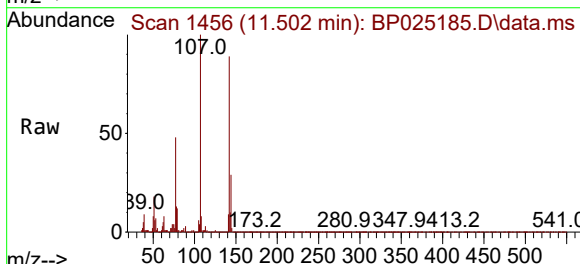
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

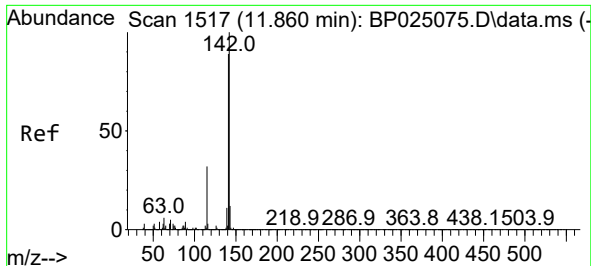
Tgt Ion:113 Resp: 500377
Ion Ratio Lower Upper
113 100
55 144.6 128.1 168.1
56 106.4 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 44.760 ng
RT: 11.502 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:107 Resp: 1562177
Ion Ratio Lower Upper
107 100
144 28.7 22.4 33.6
142 88.7 69.6 104.4

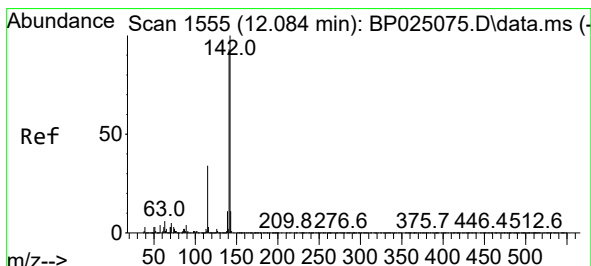
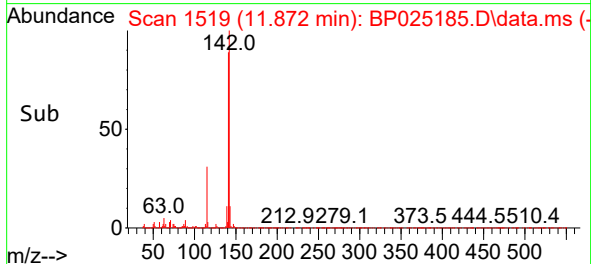
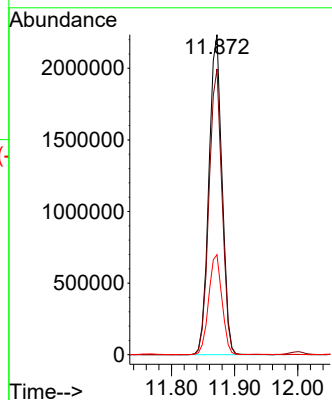
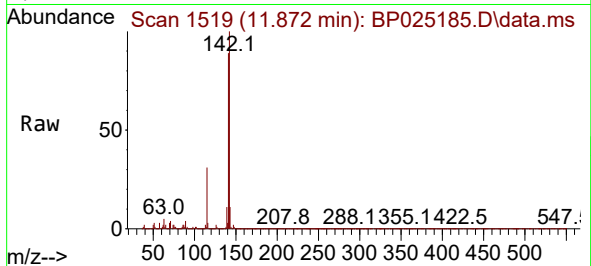




#37
2-Methylnaphthalene
Concen: 38.602 ng
RT: 11.872 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

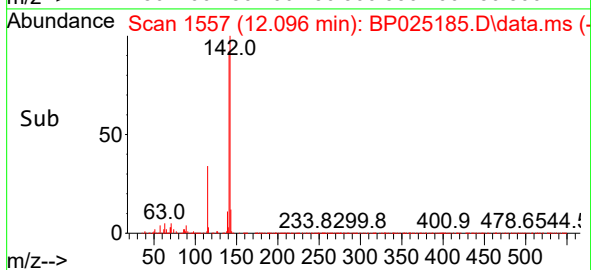
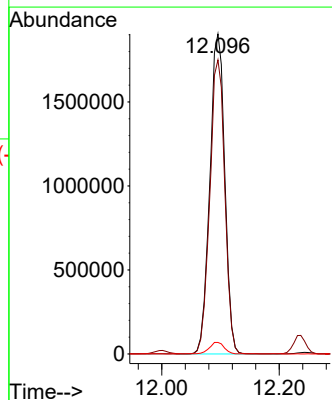
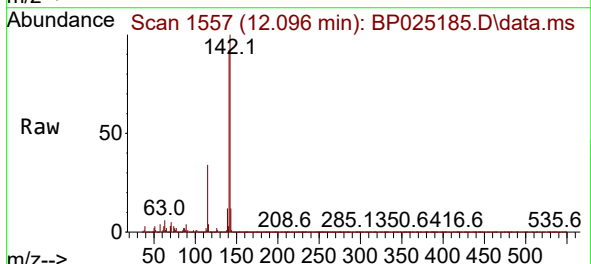
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

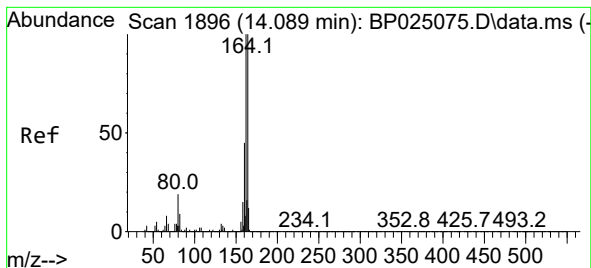
Tgt Ion:142 Resp: 3222524
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 31.2 25.9 38.9



#38
1-Methylnaphthalene
Concen: 41.339 ng
RT: 12.096 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:142 Resp: 3365670
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1
116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.107 min Scan# 1896

Delta R.T. 0.018 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

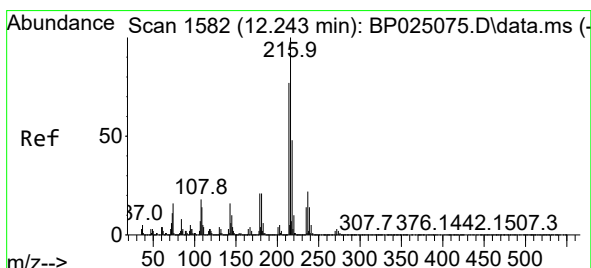
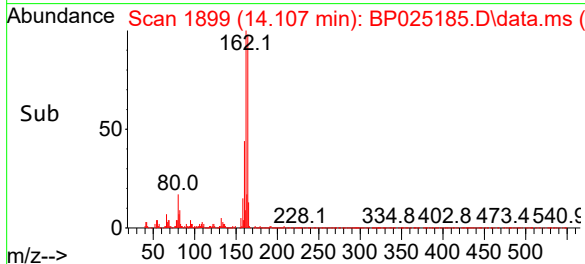
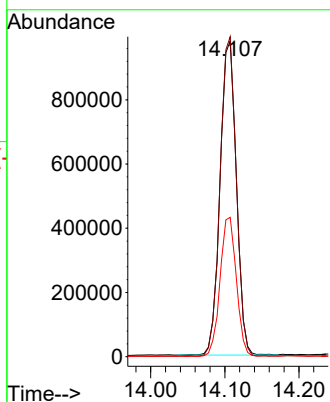
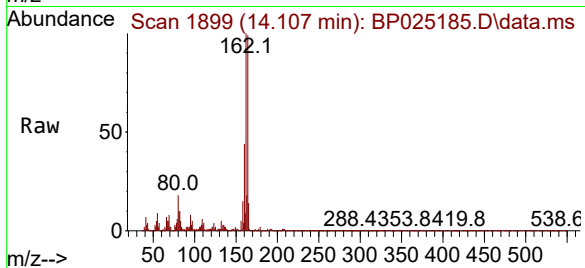
Tgt Ion:164 Resp: 1494708

Ion Ratio Lower Upper

164 100

162 101.4 80.3 120.5

160 44.1 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.676 ng

RT: 12.249 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Tgt Ion:216 Resp: 1962119

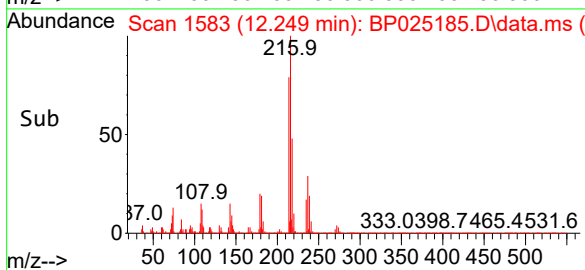
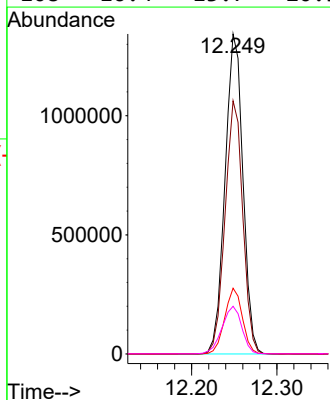
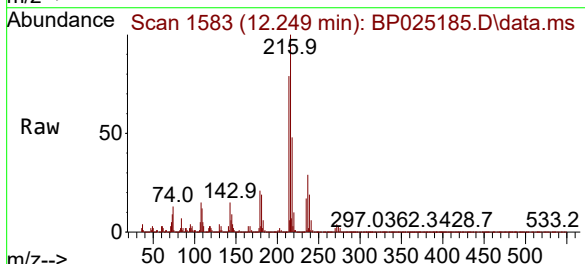
Ion Ratio Lower Upper

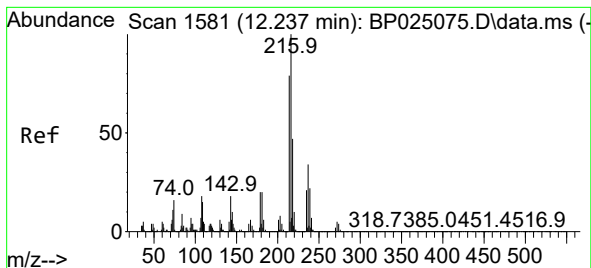
216 100

214 78.4 62.4 93.6

179 20.3 16.5 24.7

108 16.4 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 126.325 ng

RT: 12.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

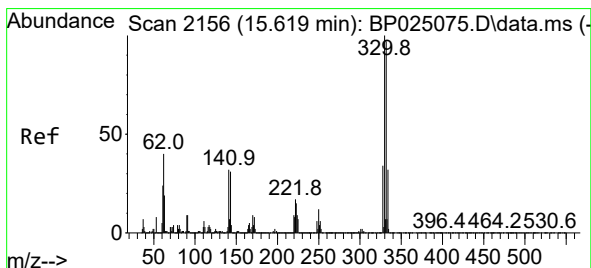
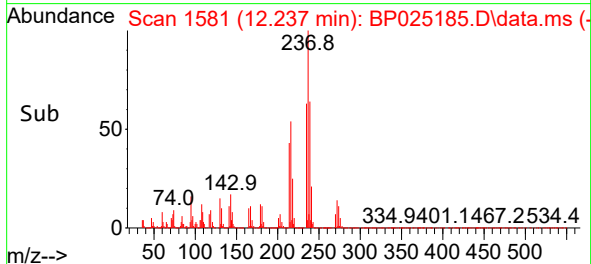
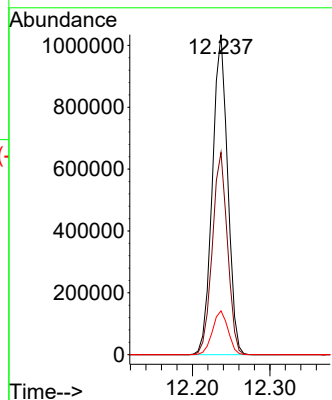
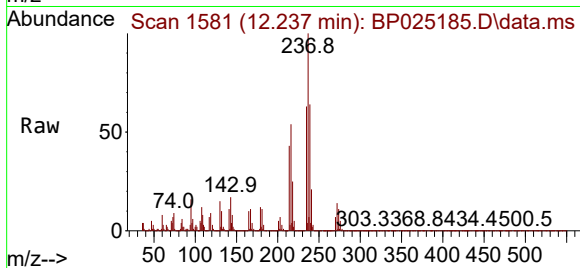
Tgt Ion:237 Resp: 1417458

Ion Ratio Lower Upper

237 100

235 63.2 41.6 81.6

272 13.7 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 110.797 ng

RT: 15.631 min Scan# 2158

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

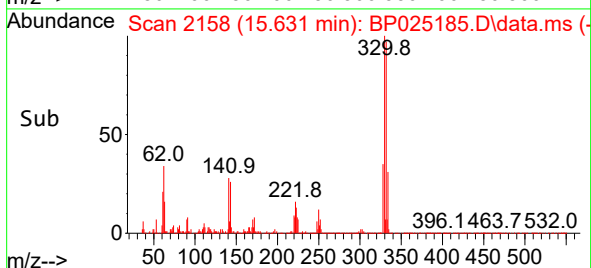
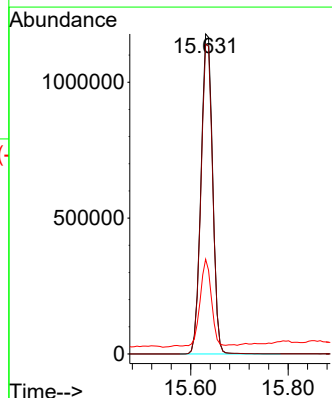
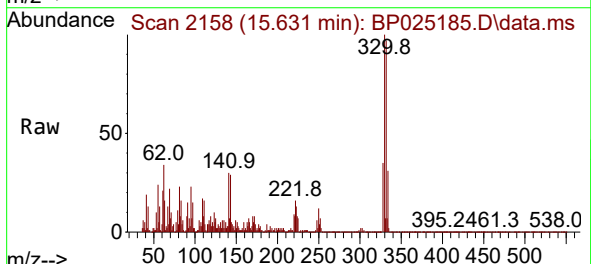
Tgt Ion:330 Resp: 1956397

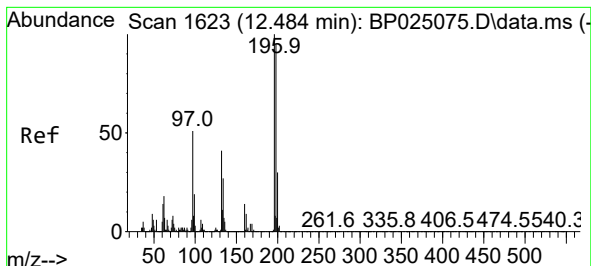
Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 25.9 26.0 39.0#





#43

2,4,6-Trichlorophenol

Concen: 51.233 ng

RT: 12.507 min Scan# 1

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

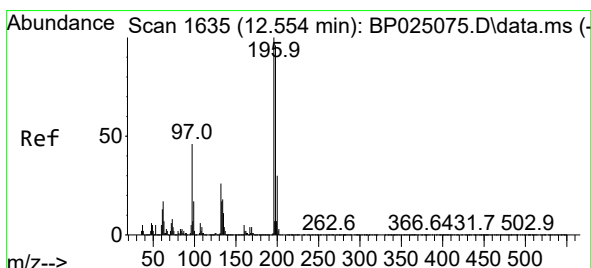
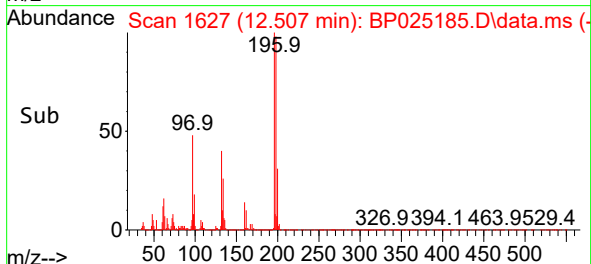
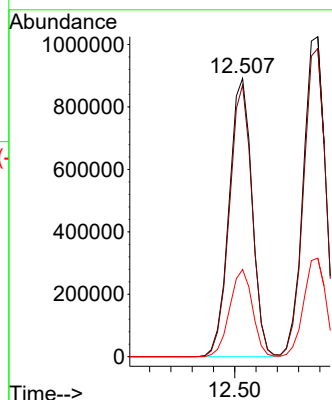
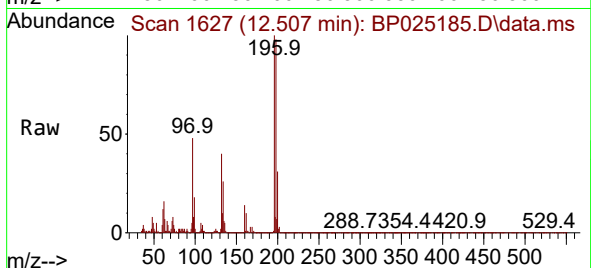
Tgt Ion:196 Resp: 1332655

Ion Ratio Lower Upper

196 100

198 97.6 76.2 114.2

200 31.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 50.162 ng

RT: 12.578 min Scan# 1639

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Tgt Ion:196 Resp: 1478701

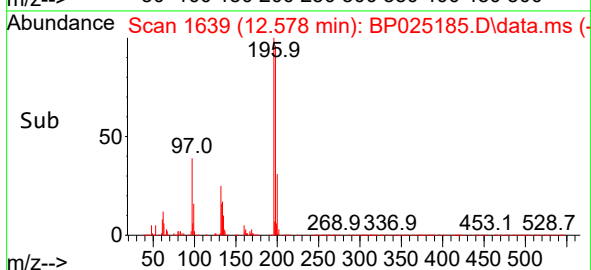
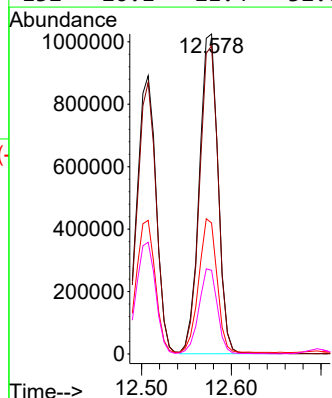
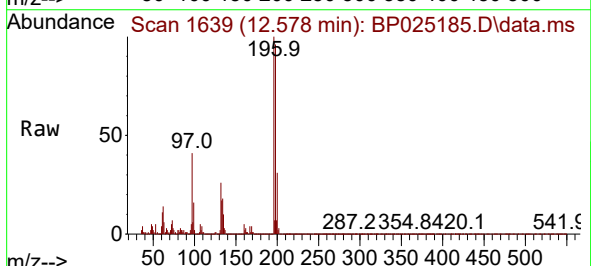
Ion Ratio Lower Upper

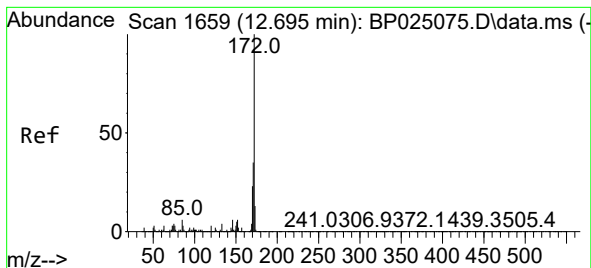
196 100

198 96.3 76.6 115.0

97 41.0 36.6 55.0

132 26.1 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 60.911 ng

RT: 12.696 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

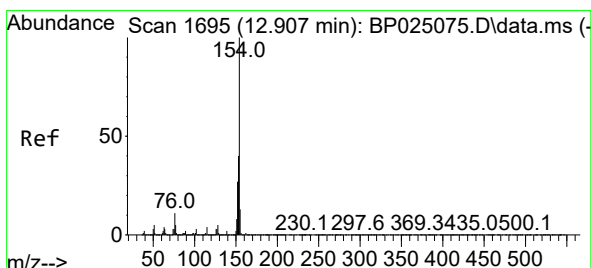
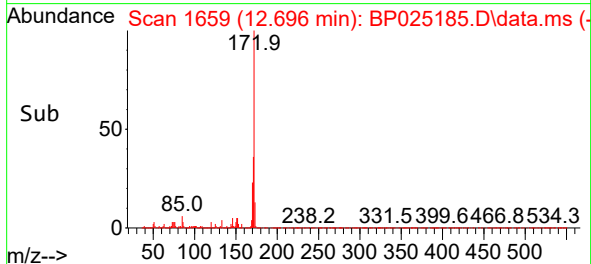
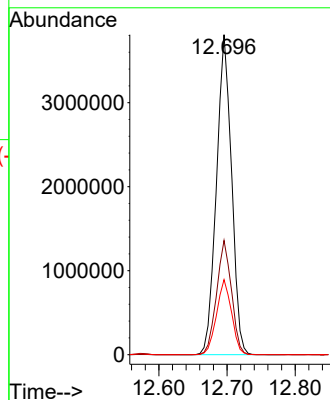
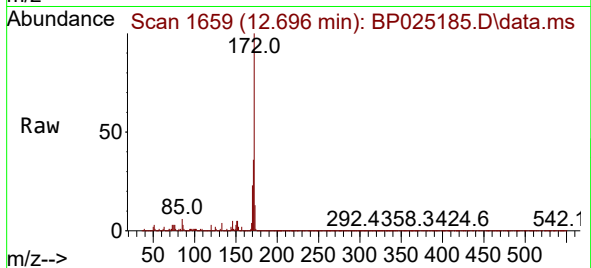
Tgt Ion:172 Resp: 5876980

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 42.460 ng

RT: 12.913 min Scan# 1696

Delta R.T. 0.006 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

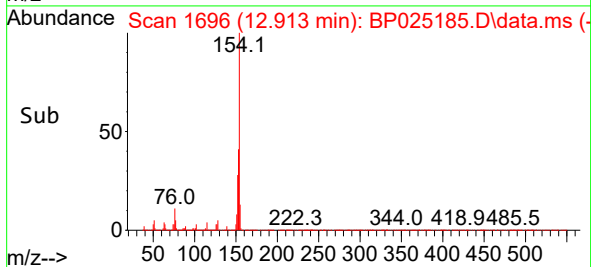
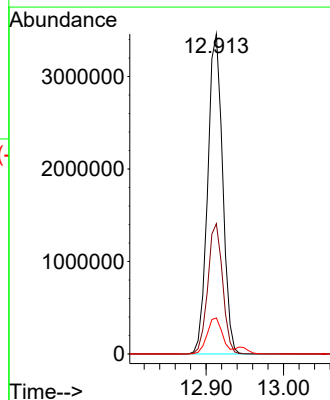
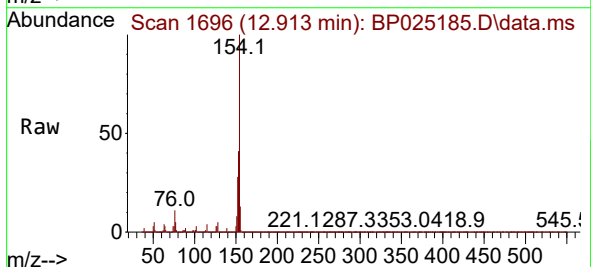
Tgt Ion:154 Resp: 4617701

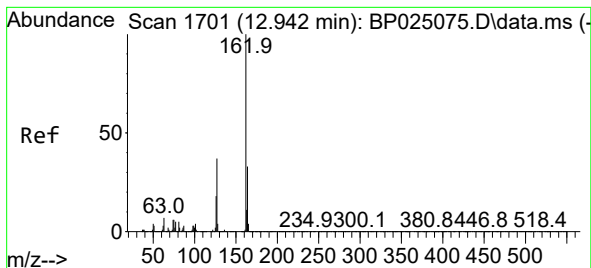
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 11.2 0.0 31.5





#47

2-Chloronaphthalene

Concen: 44.154 ng

RT: 12.948 min Scan# 1701

Delta R.T. 0.006 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

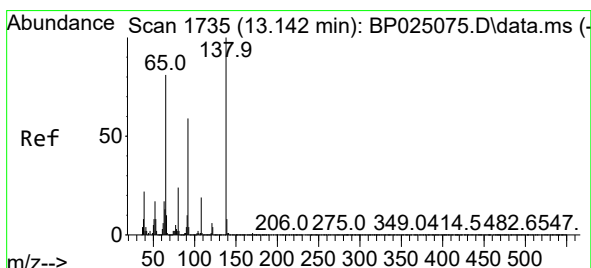
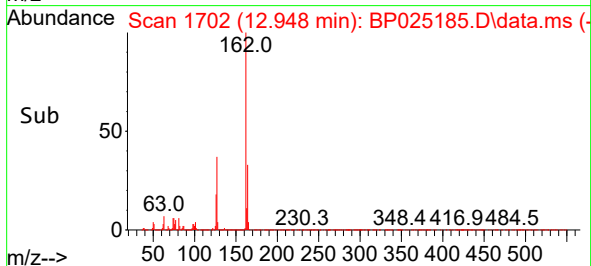
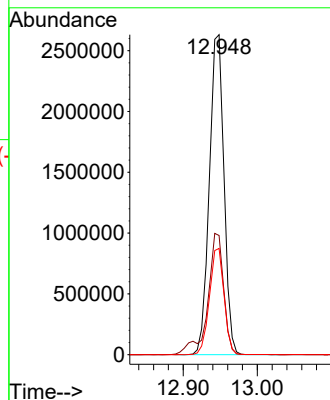
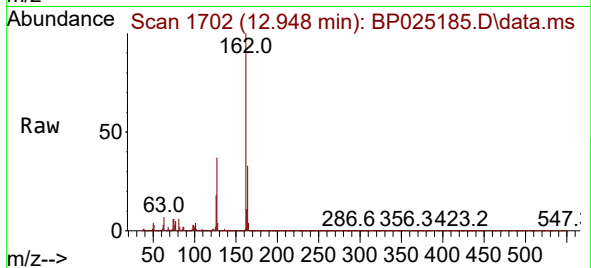
Tgt Ion:162 Resp: 3609174

Ion Ratio Lower Upper

162 100

127 37.2 29.4 44.2

164 33.2 26.4 39.6



#48

2-Nitroaniline

Concen: 46.356 ng

RT: 13.160 min Scan# 1738

Delta R.T. 0.018 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

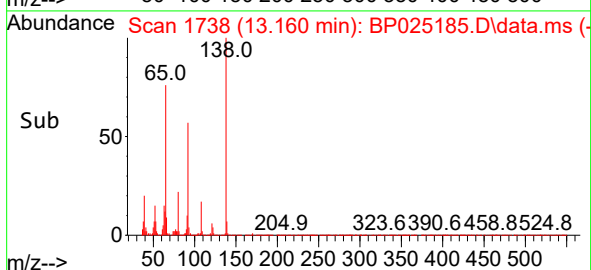
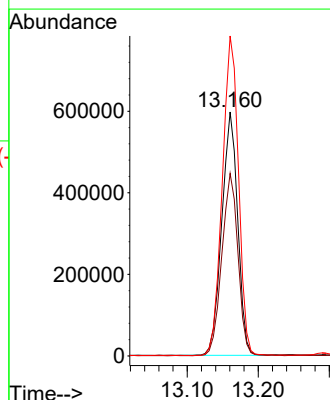
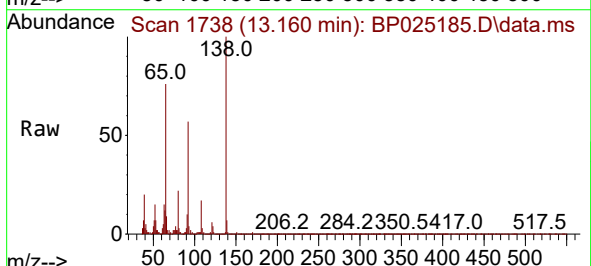
Tgt Ion: 65 Resp: 926171

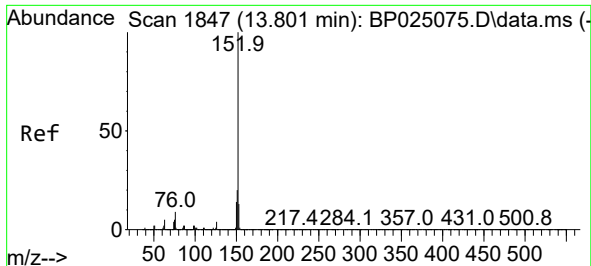
Ion Ratio Lower Upper

65 100

92 74.8 58.7 88.1

138 131.2 99.0 148.4

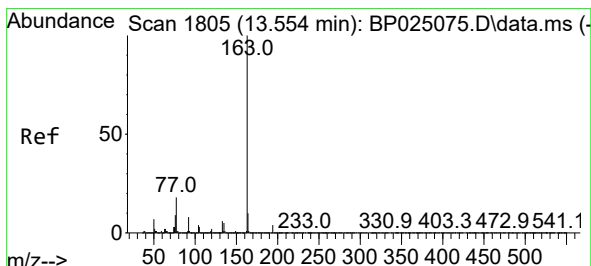
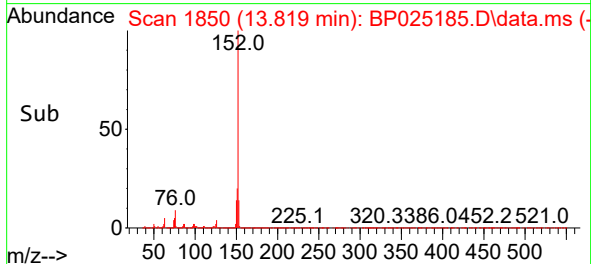
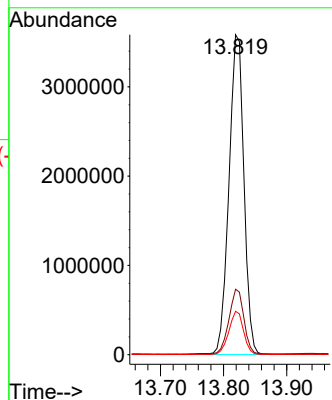
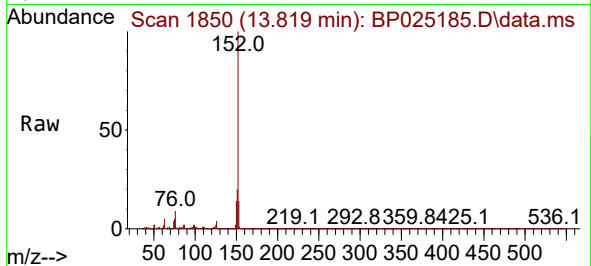




#49
Acenaphthylene
Concen: 47.058 ng
RT: 13.819 min Scan# 1850
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

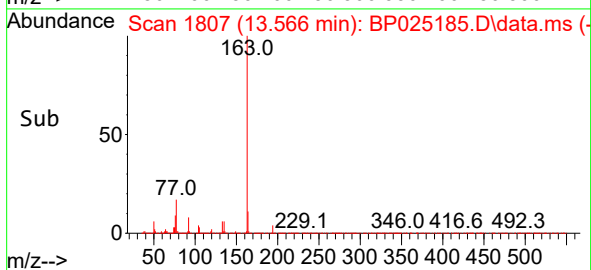
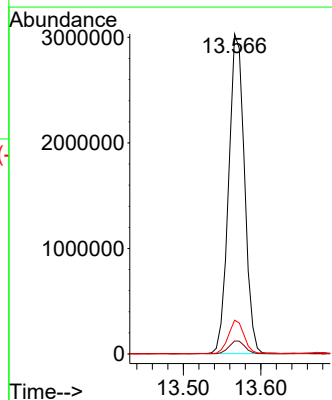
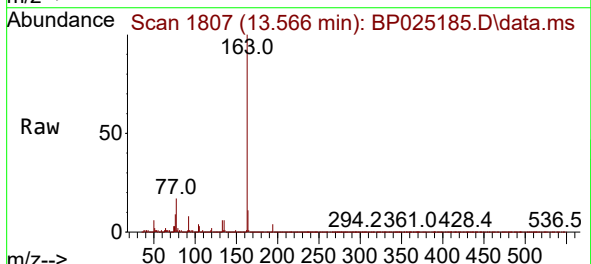
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

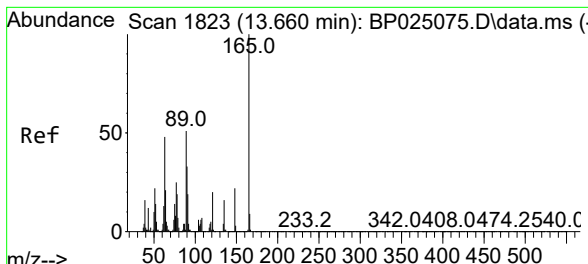
Tgt Ion:152 Resp: 5887176
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.6 10.7 16.1



#50
Dimethylphthalate
Concen: 41.106 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:163 Resp: 4300962
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.6 8.0 12.0



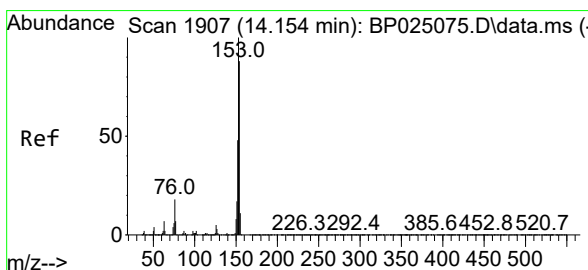
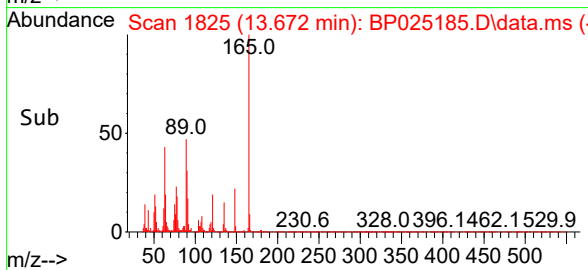
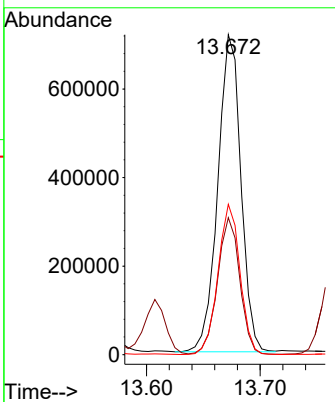
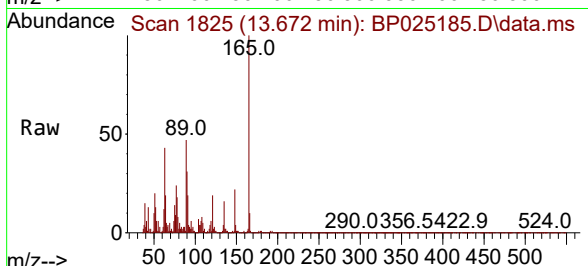


#51
 2,6-Dinitrotoluene
 Concen: 49.631 ng
 RT: 13.672 min Scan# 1825
 Delta R.T. 0.012 min
 Lab File: BP025185.D
 Acq: 17 Jul 2025 19:49

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MS

Tgt Ion:165 Resp: 1012778

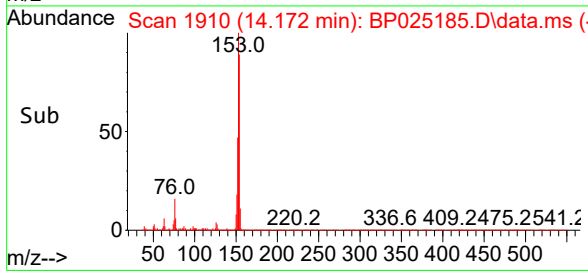
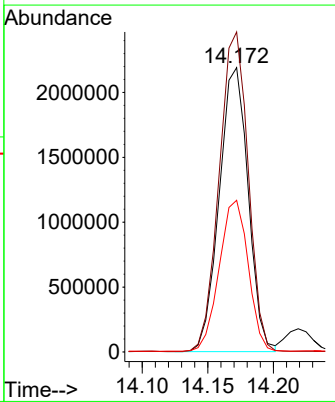
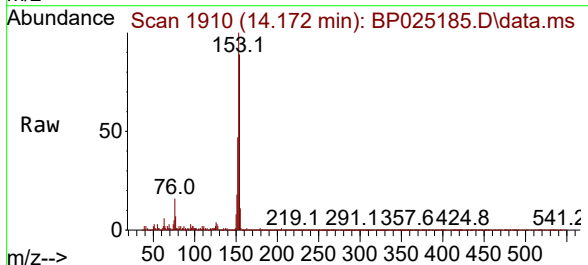
Ion	Ratio	Lower	Upper
165	100		
63	42.8	38.5	57.7
89	47.0	40.6	61.0

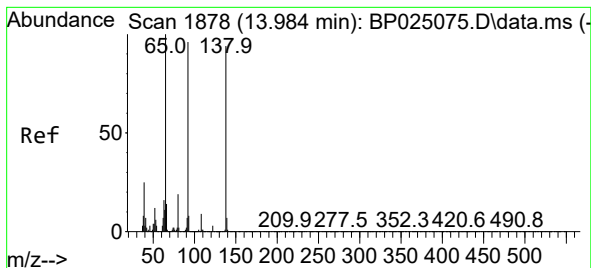


#52
 Acenaphthene
 Concen: 41.753 ng
 RT: 14.172 min Scan# 1910
 Delta R.T. 0.018 min
 Lab File: BP025185.D
 Acq: 17 Jul 2025 19:49

Tgt Ion:154 Resp: 3366733

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.6	136.0
152	53.4	43.8	65.8





#53

3-Nitroaniline

Concen: 39.482 ng

RT: 14.007 min Scan# 1

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

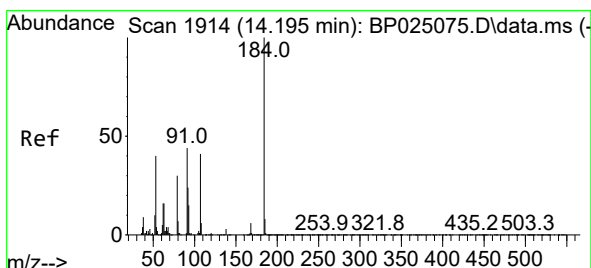
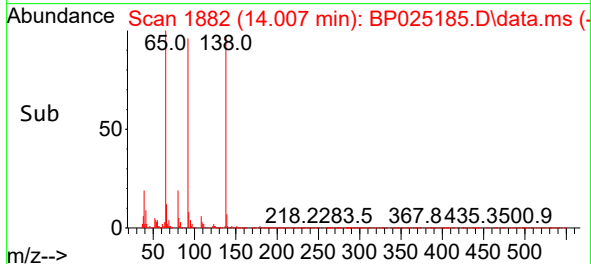
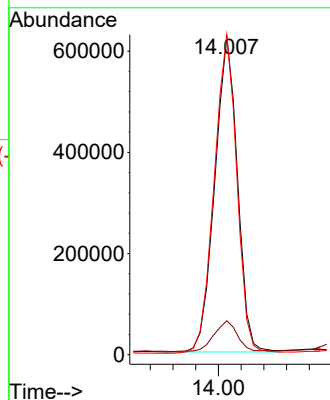
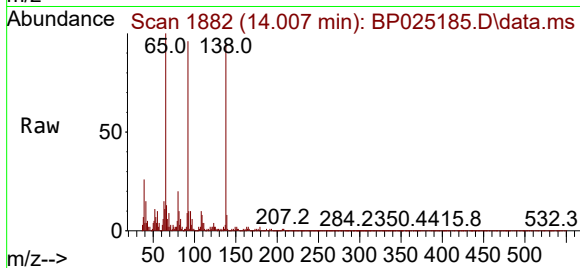
Tgt Ion:138 Resp: 863415

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.8

92 100.4 81.0 121.4



#54

2,4-Dinitrophenol

Concen: 49.743 ng

RT: 14.219 min Scan# 1918

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

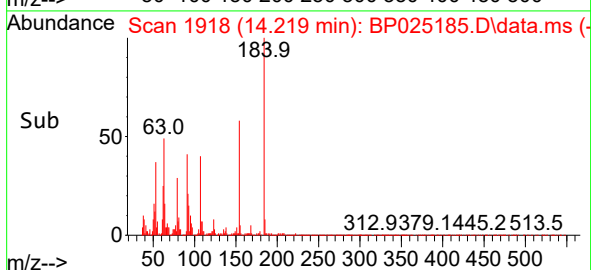
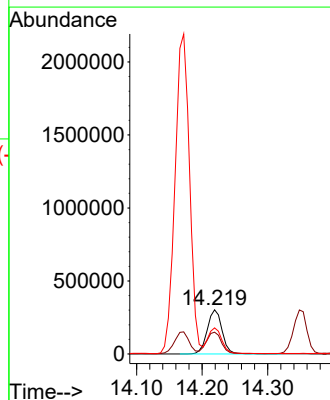
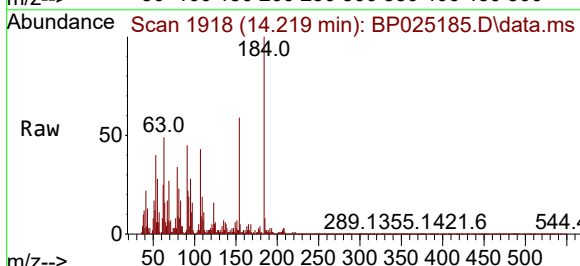
Tgt Ion:184 Resp: 474306

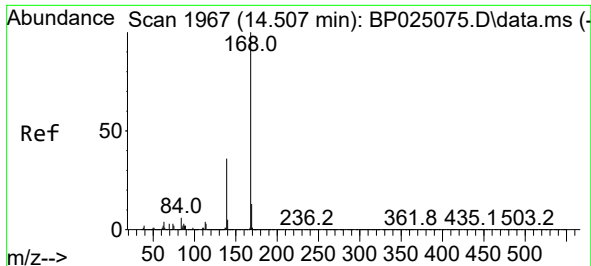
Ion Ratio Lower Upper

184 100

63 49.3 47.4 71.0

154 59.1 47.8 71.8

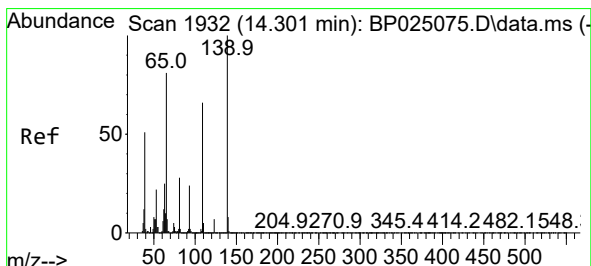
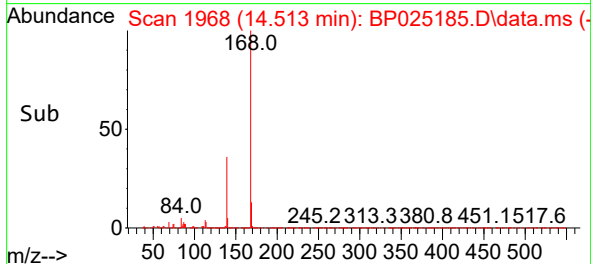
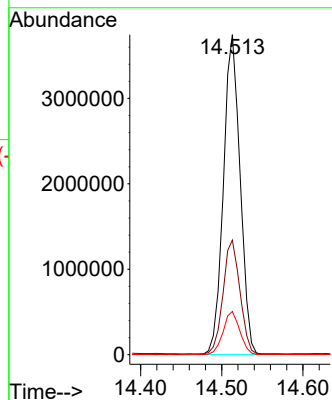
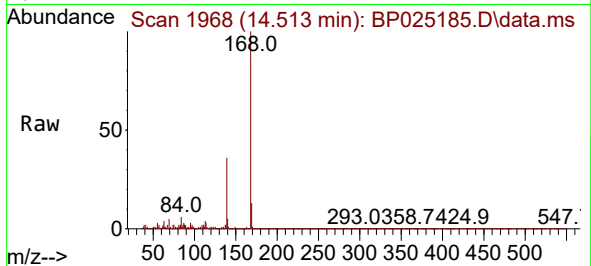




#55
Dibenzofuran
Concen: 40.256 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

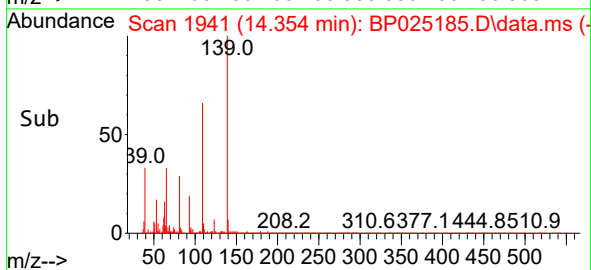
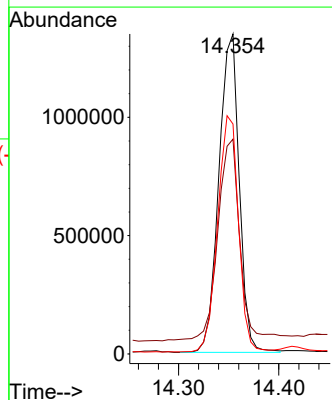
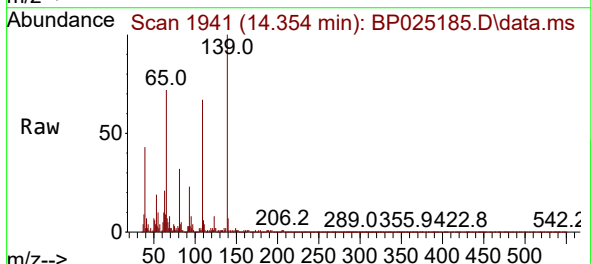
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

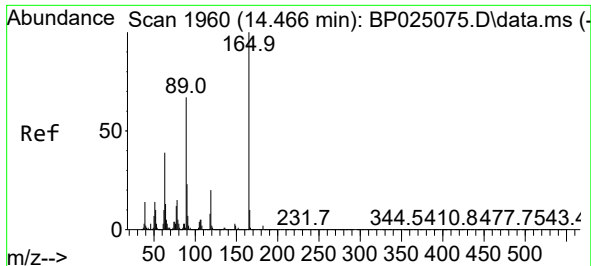
Tgt Ion:168 Resp: 5356954
Ion Ratio Lower Upper
168 100
139 35.8 28.6 43.0
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 93.687 ng
RT: 14.354 min Scan# 1941
Delta R.T. 0.053 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:139 Resp: 1890727
Ion Ratio Lower Upper
139 100
109 67.1 45.9 85.9
65 71.9 61.4 101.4

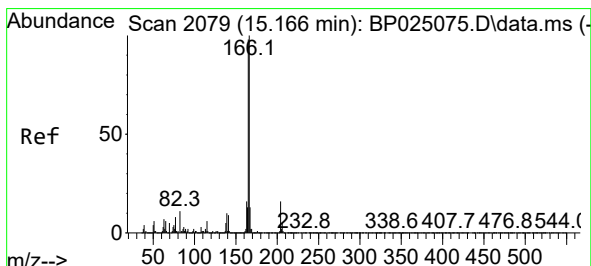
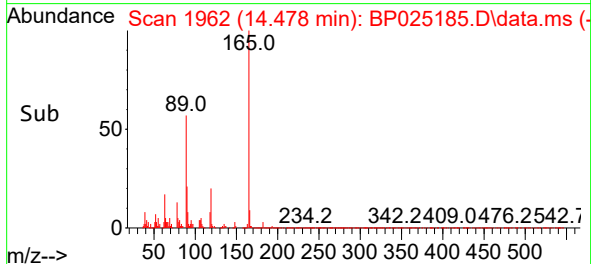
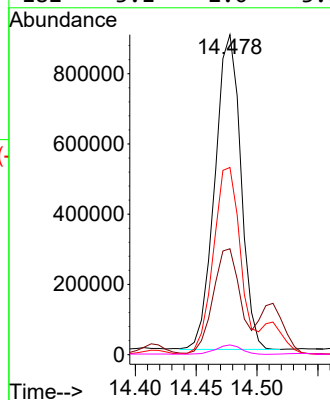
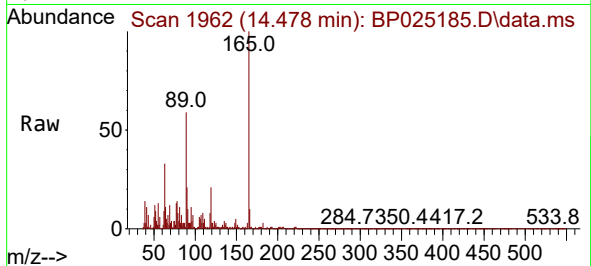




#57
2,4-Dinitrotoluene
Concen: 44.642 ng
RT: 14.478 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

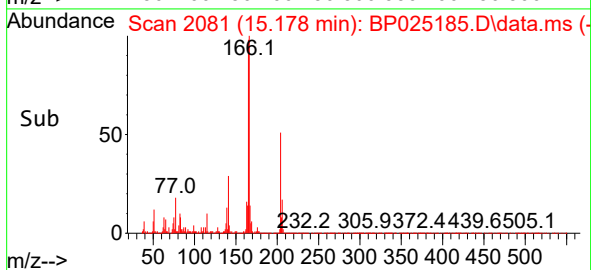
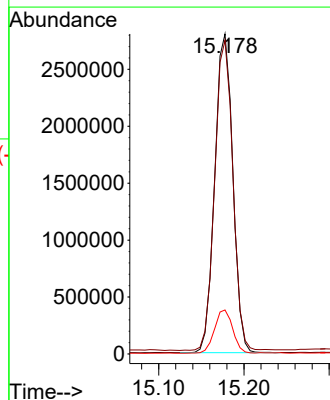
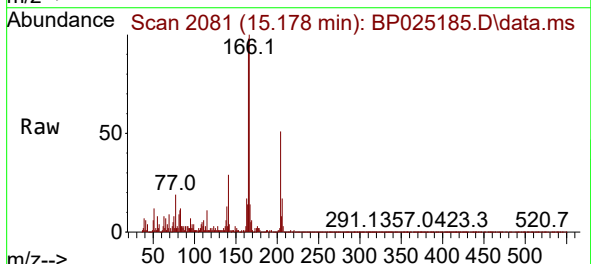
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

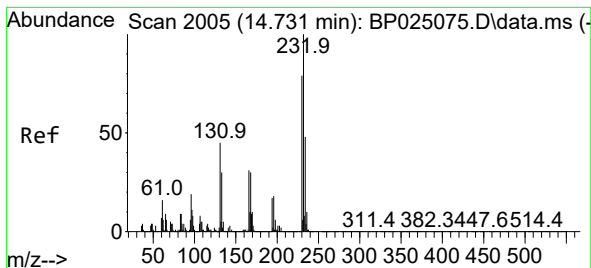
Tgt Ion:165 Resp: 1331129
Ion Ratio Lower Upper
165 100
63 33.1 31.0 46.4
89 58.5 53.4 80.0
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 40.078 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:166 Resp: 4125124
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.8 10.7 16.1

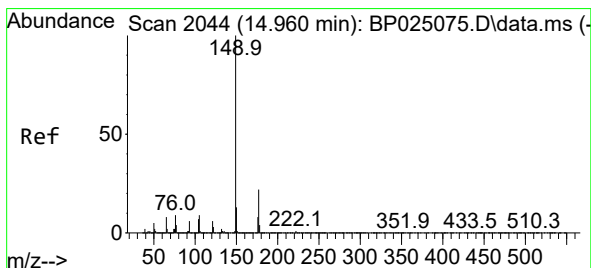
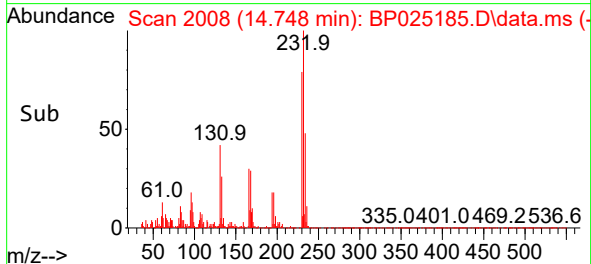
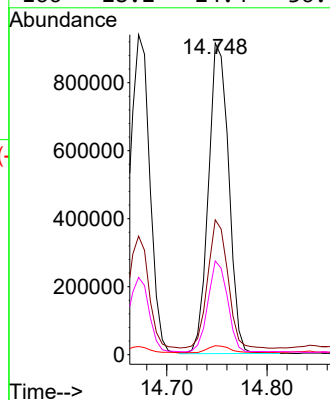
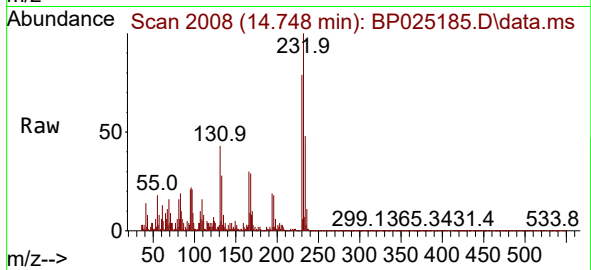




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.152 ng
RT: 14.748 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

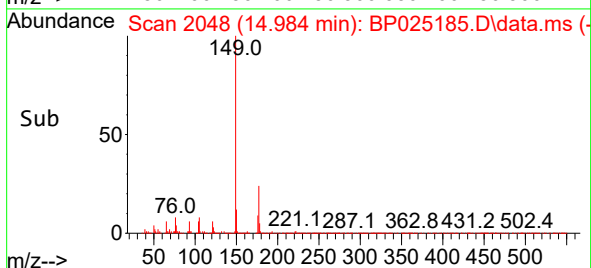
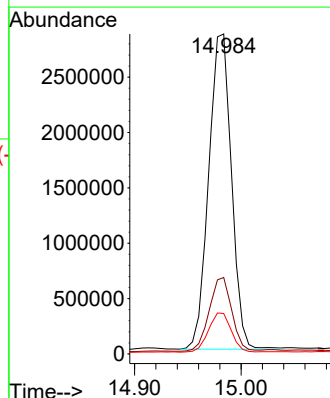
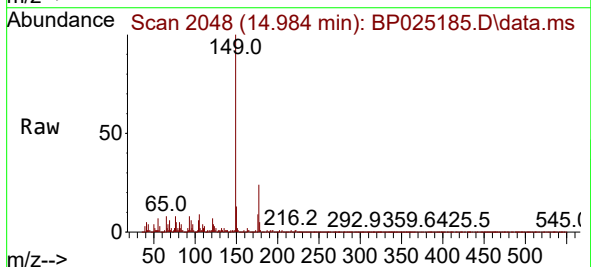
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

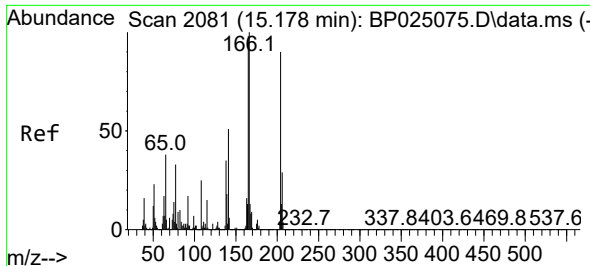
Tgt Ion:232 Resp: 1285428
Ion Ratio Lower Upper
232 100
131 41.6 35.7 53.5
130 2.5 1.8 2.6
166 28.2 24.4 36.6



#60
Diethylphthalate
Concen: 40.259 ng
RT: 14.984 min Scan# 2048
Delta R.T. 0.024 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:149 Resp: 4230747
Ion Ratio Lower Upper
149 100
177 23.9 17.8 26.8
150 12.7 10.2 15.2

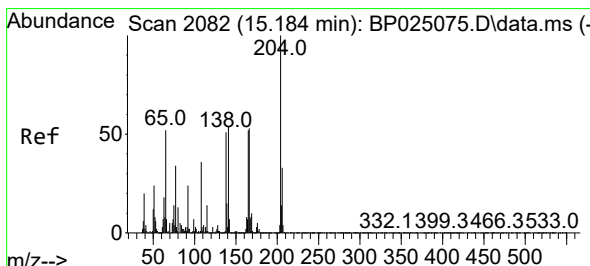
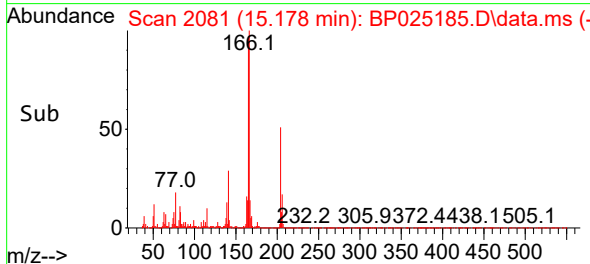
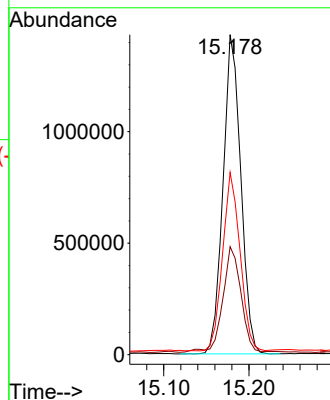
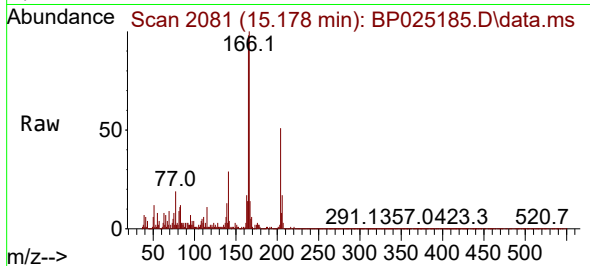




#61
4-Chlorophenyl-phenylether
Concen: 40.694 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

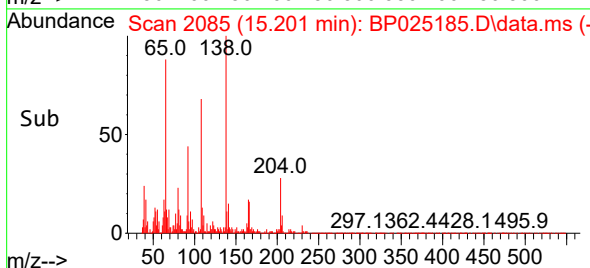
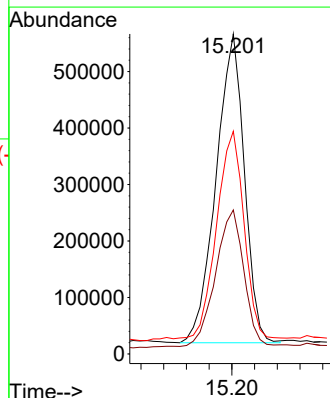
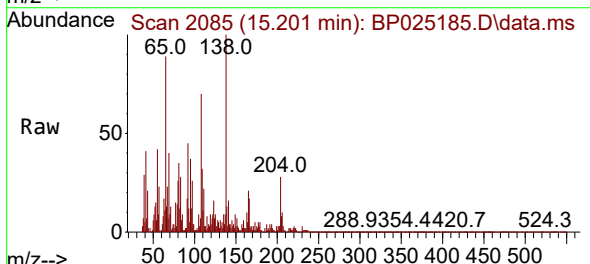
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

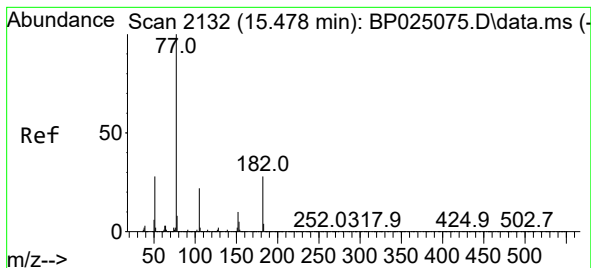
Tgt Ion:204 Resp: 2072889
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.6
141 57.0 45.1 67.7



#62
4-Nitroaniline
Concen: 41.291 ng
RT: 15.201 min Scan# 2085
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:138 Resp: 946847
Ion Ratio Lower Upper
138 100
92 45.0 26.0 66.0
108 69.6 50.0 90.0





#63

Azobenzene

Concen: 38.830 ng

RT: 15.484 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

Tgt Ion: 77 Resp: 3633654

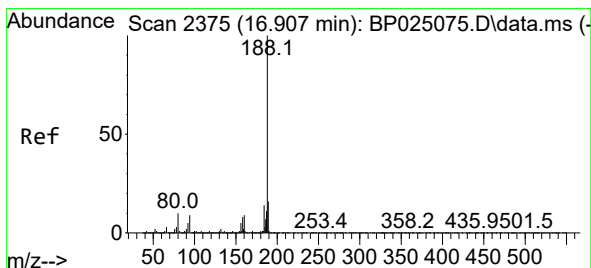
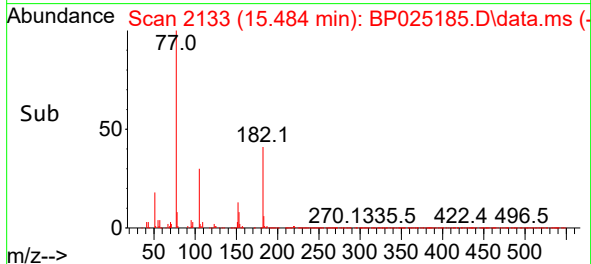
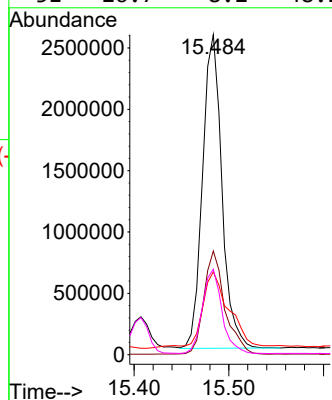
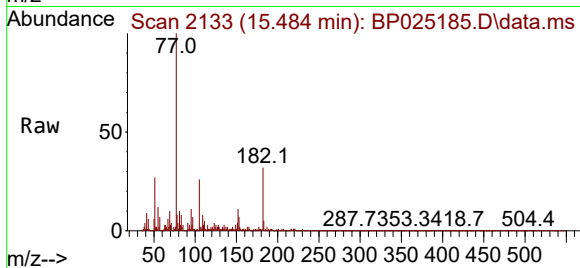
Ion Ratio Lower Upper

77 100

182 32.4 7.7 47.7

105 25.9 1.9 41.9

51 26.7 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.919 min Scan# 2377

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

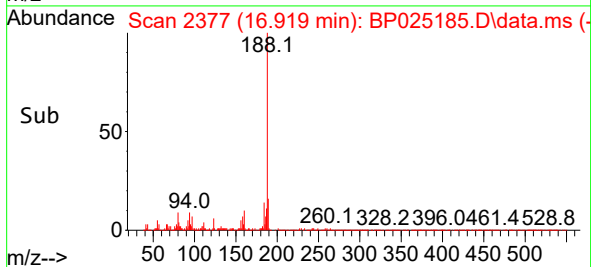
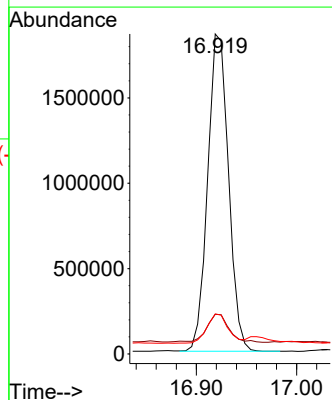
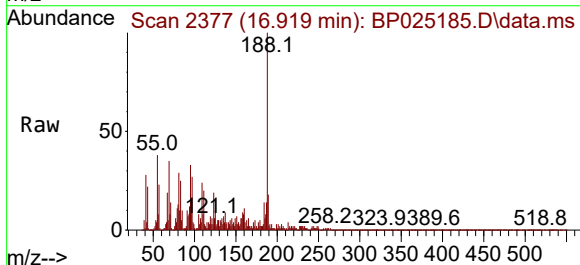
Tgt Ion:188 Resp: 2681392

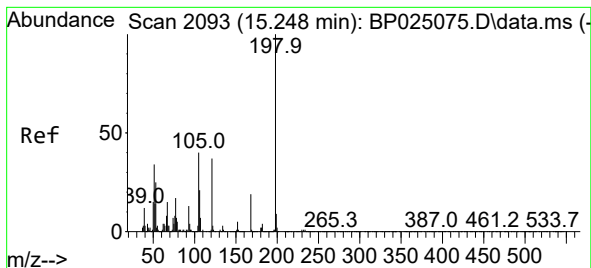
Ion Ratio Lower Upper

188 100

94 12.4 7.3 10.9#

80 12.5 7.8 11.6#

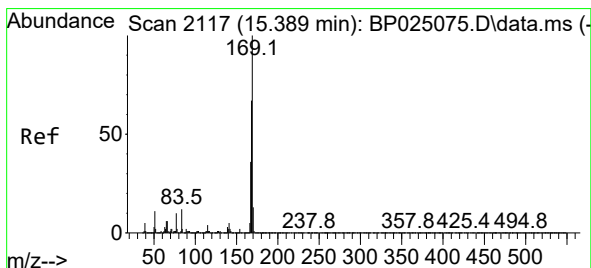
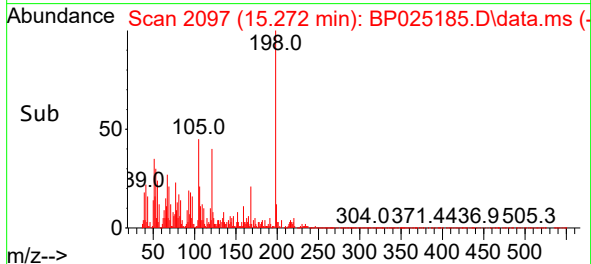
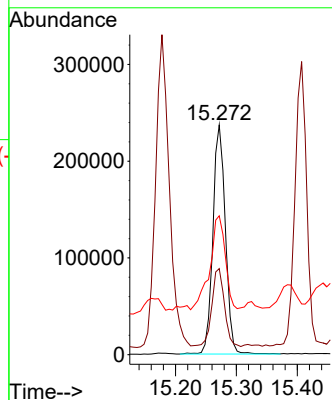
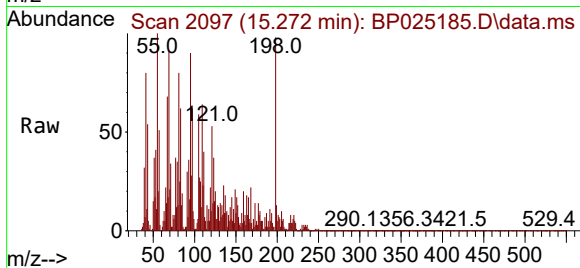




#65
4,6-Dinitro-2-methylphenol
Concen: 30.001 ng
RT: 15.272 min Scan# 210
Delta R.T. 0.024 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

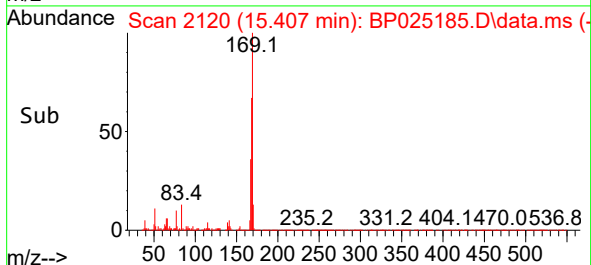
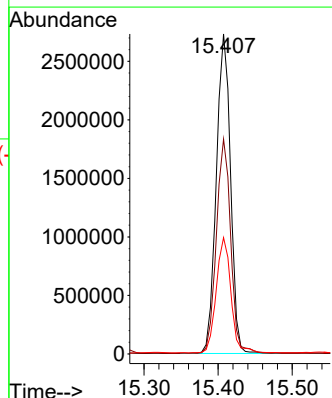
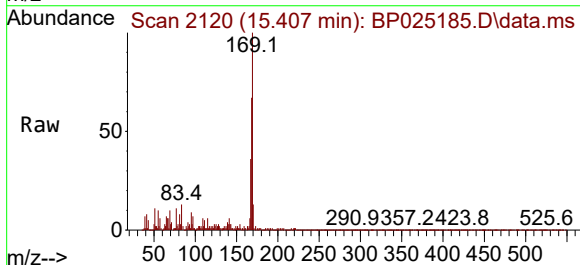
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

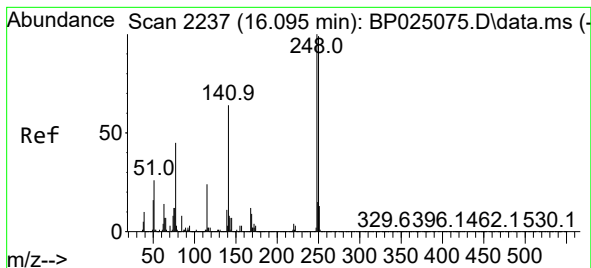
Tgt Ion:198 Resp: 337191
Ion Ratio Lower Upper
198 100
51 37.5 16.8 56.8
105 60.5 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 47.355 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:169 Resp: 3633877
Ion Ratio Lower Upper
169 100
168 67.2 54.1 81.1
167 36.4 29.0 43.6

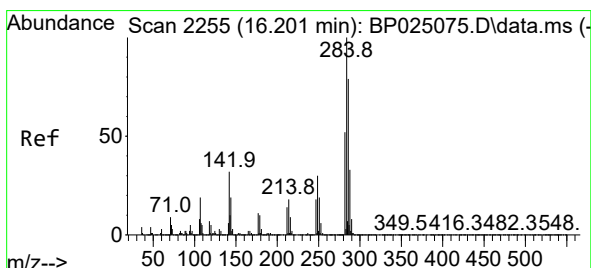
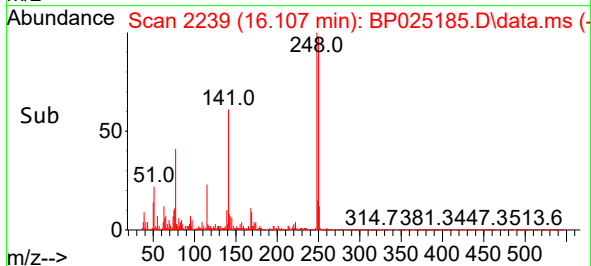
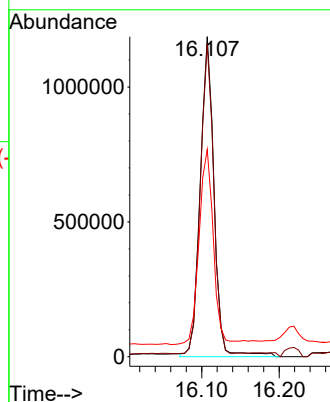
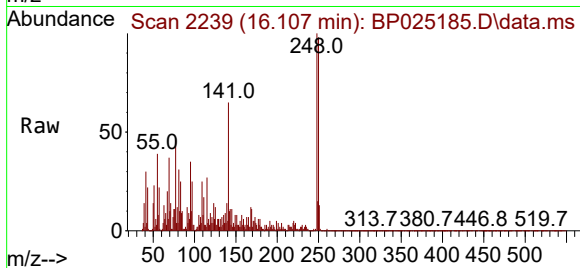




#67
4-Bromophenyl-phenylether
Concen: 53.669 ng
RT: 16.107 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

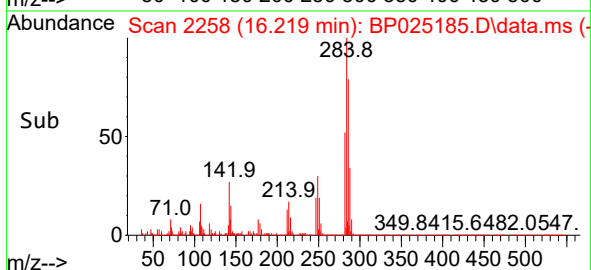
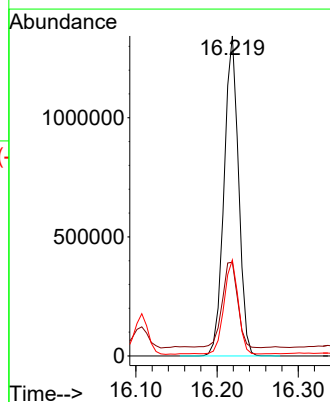
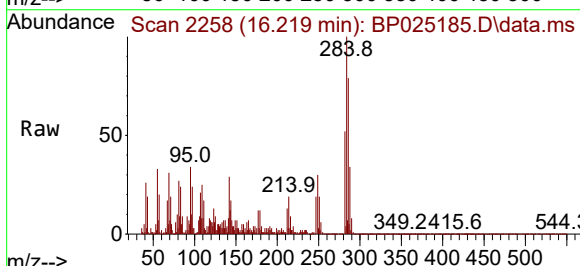
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

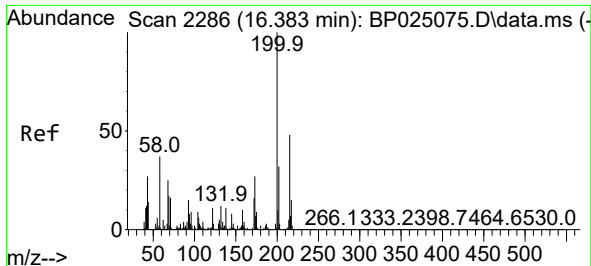
Tgt Ion:248 Resp: 1473454
Ion Ratio Lower Upper
248 100
250 97.7 79.4 119.2
141 64.8 51.4 77.0



#68
Hexachlorobenzene
Concen: 49.827 ng
RT: 16.219 min Scan# 2258
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:284 Resp: 1672043
Ion Ratio Lower Upper
284 100
142 29.3 25.9 38.9
249 30.0 23.8 35.8

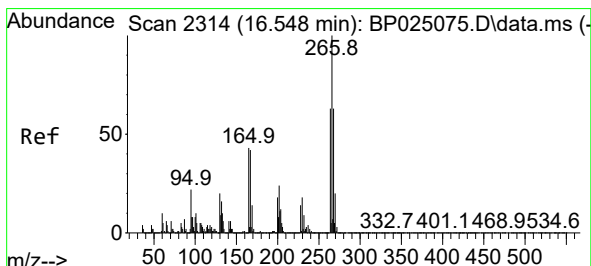
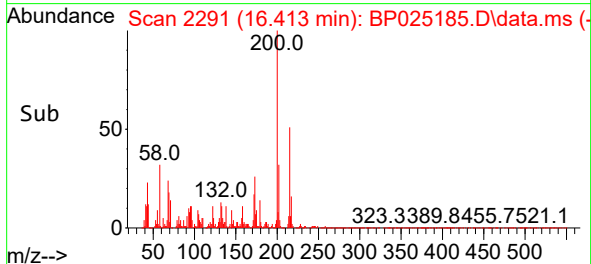
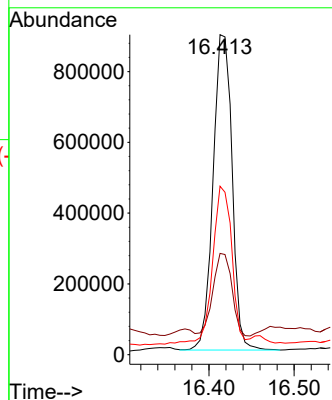
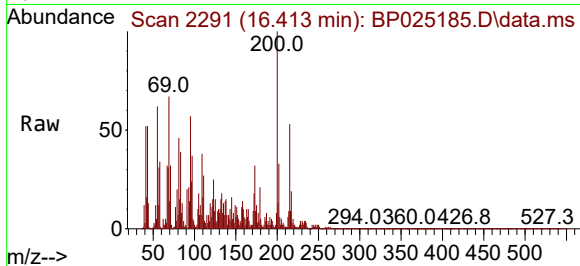




#69
 Atrazine
 Concen: 61.379 ng
 RT: 16.413 min Scan# 21
 Delta R.T. 0.030 min
 Lab File: BP025185.D
 Acq: 17 Jul 2025 19:49

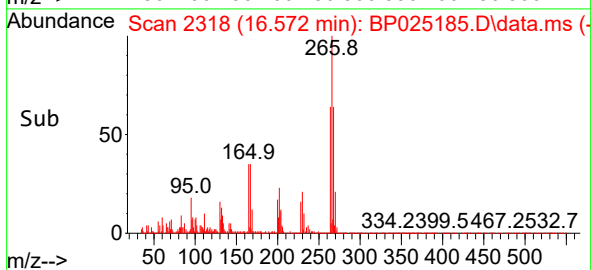
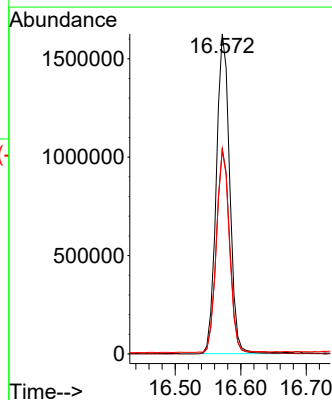
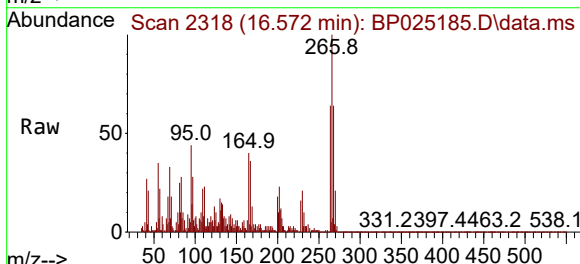
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MS

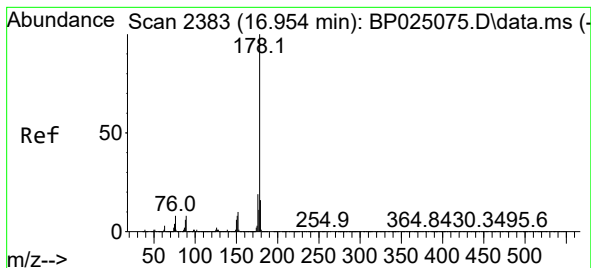
Tgt Ion:200 Resp: 1380205
 Ion Ratio Lower Upper
 200 100
 173 31.7 6.6 46.6
 215 52.7 28.0 68.0



#70
 Pentachlorophenol
 Concen: 101.415 ng
 RT: 16.572 min Scan# 2318
 Delta R.T. 0.024 min
 Lab File: BP025185.D
 Acq: 17 Jul 2025 19:49

Tgt Ion:266 Resp: 2298347
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.4 75.6
 264 63.7 50.2 75.2





#71

Phenanthrene

Concen: 43.904 ng

RT: 16.966 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

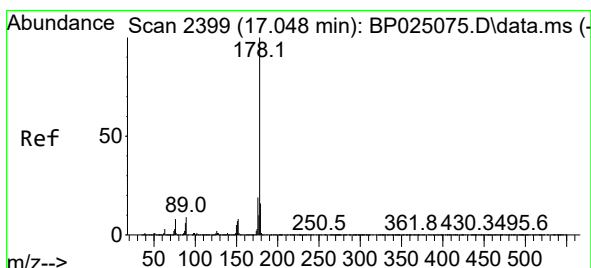
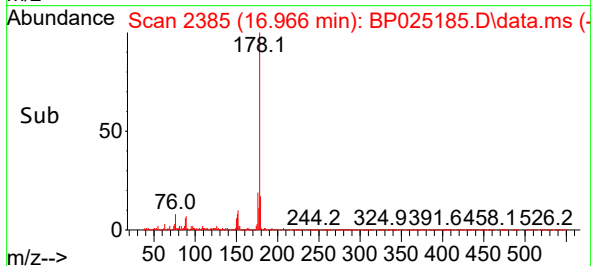
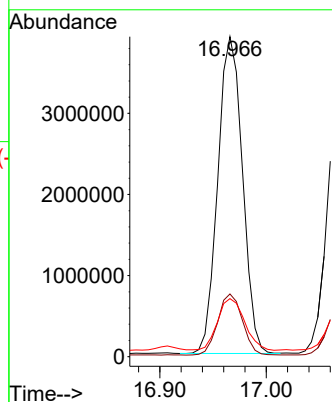
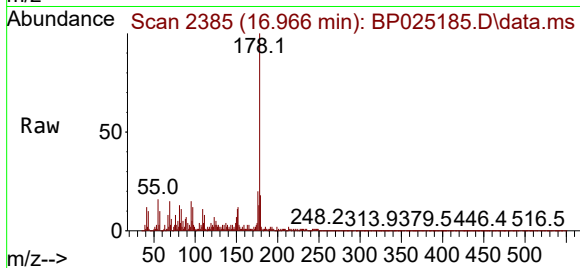
Tgt Ion:178 Resp: 6290464

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 18.2 12.6 19.0



#72

Anthracene

Concen: 47.339 ng

RT: 17.072 min Scan# 2403

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

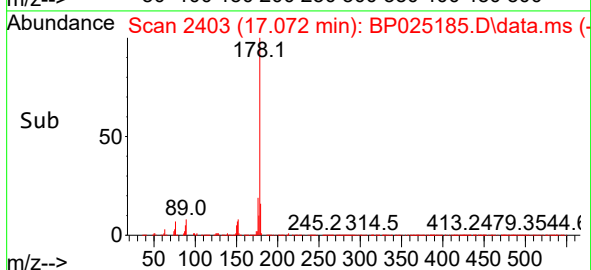
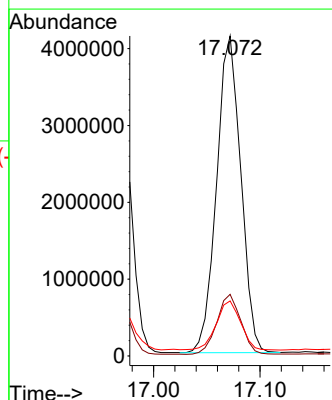
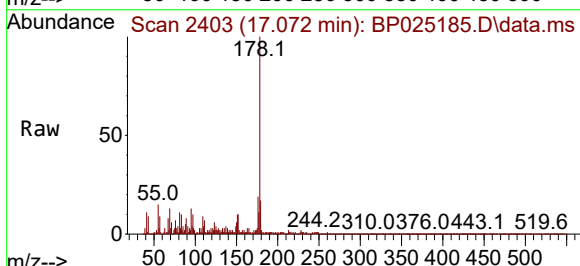
Tgt Ion:178 Resp: 6507145

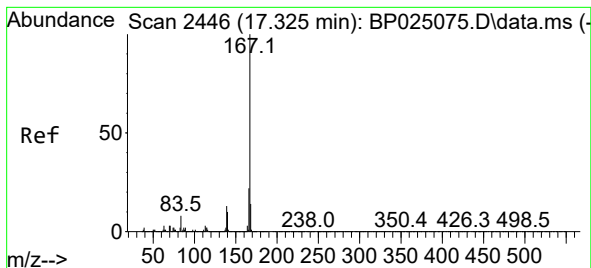
Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

179 17.2 12.5 18.7





#73

Carbazole

Concen: 44.128 ng

RT: 17.348 min Scan# 2446

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

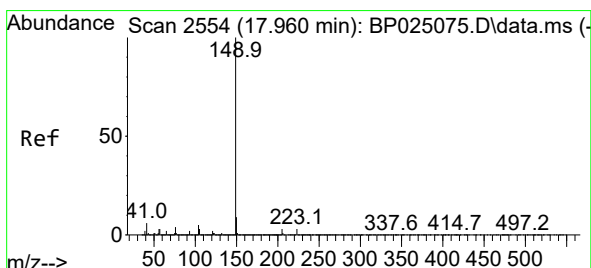
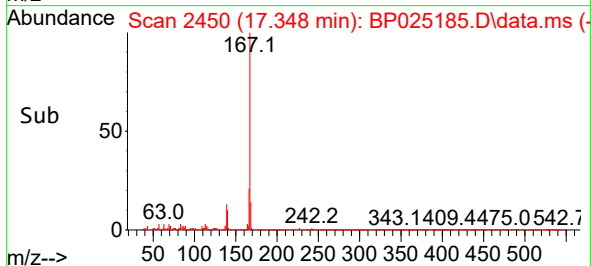
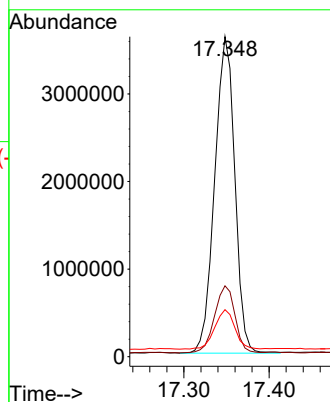
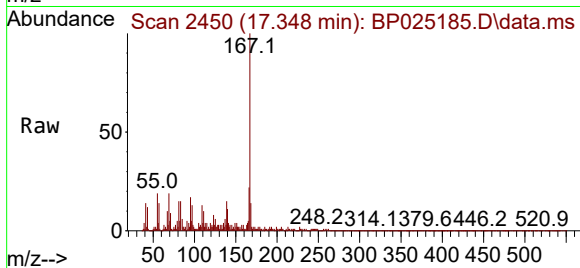
Tgt Ion:167 Resp: 5930743

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 14.7 10.4 15.6



#74

Di-n-butylphthalate

Concen: 46.314 ng

RT: 17.978 min Scan# 2557

Delta R.T. 0.018 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

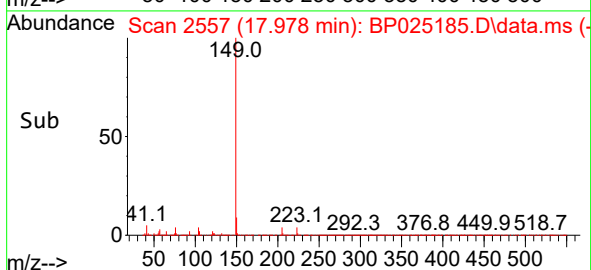
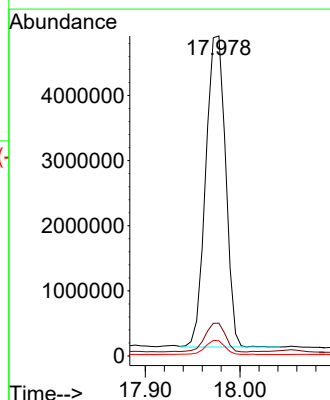
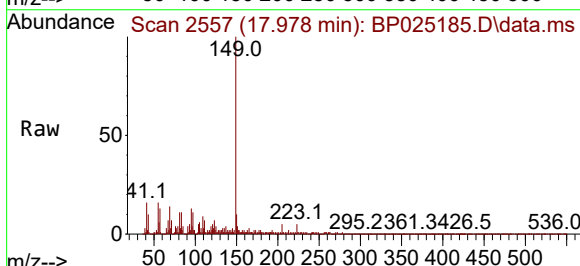
Tgt Ion:149 Resp: 6931460

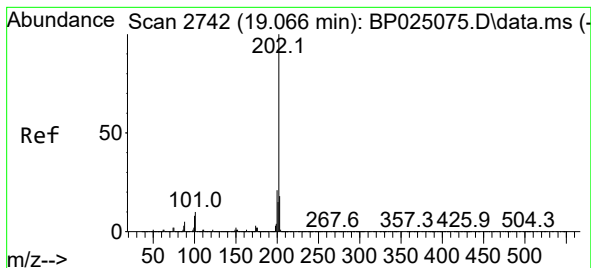
Ion Ratio Lower Upper

149 100

150 10.3 7.3 10.9

104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 46.537 ng

RT: 19.078 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

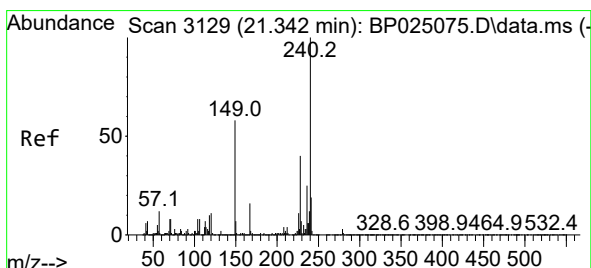
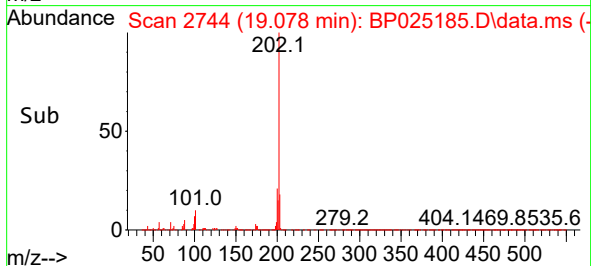
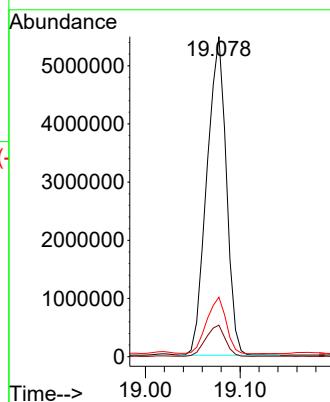
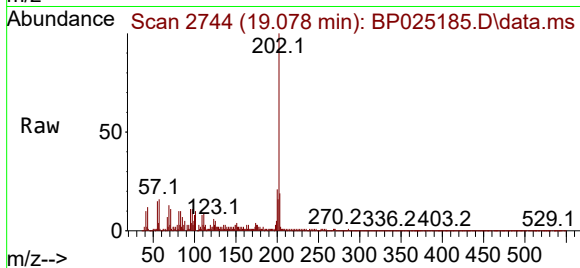
Tgt Ion:202 Resp: 7793937

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.4

203 18.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.366 min Scan# 3133

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

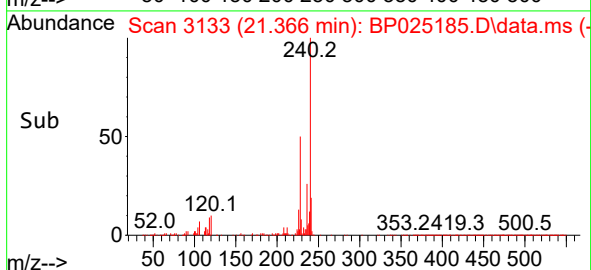
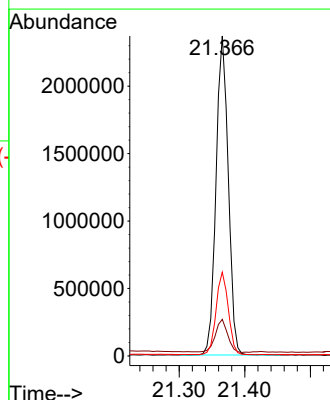
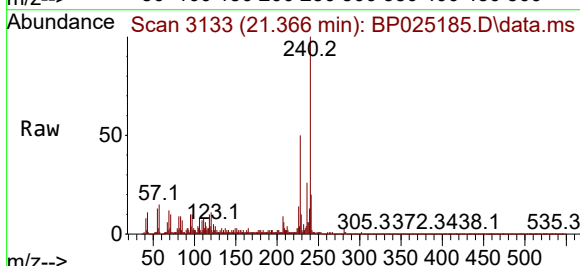
Tgt Ion:240 Resp: 3058243

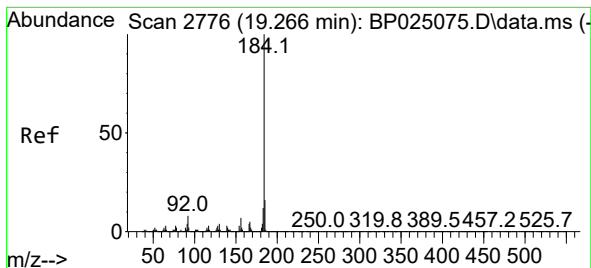
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 26.2 20.3 30.5





#77

Benzidine

Concen: 39.488 ng

RT: 19.283 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

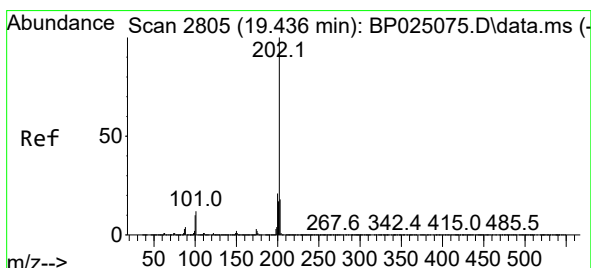
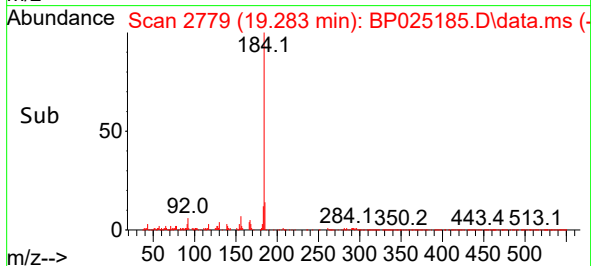
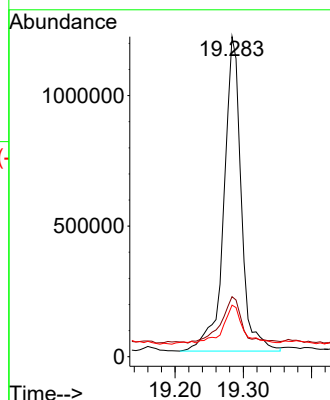
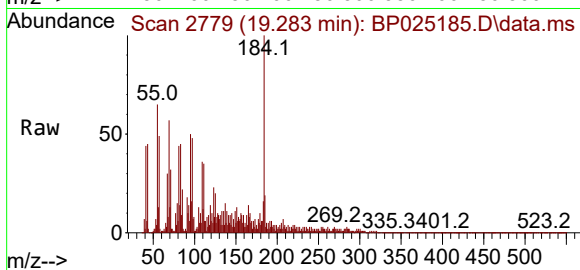
Tgt Ion:184 Resp: 2132879

Ion Ratio Lower Upper

184 100

185 18.8 12.6 18.8

183 16.1 9.4 14.2#



#78

Pyrene

Concen: 43.520 ng

RT: 19.454 min Scan# 2808

Delta R.T. 0.018 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

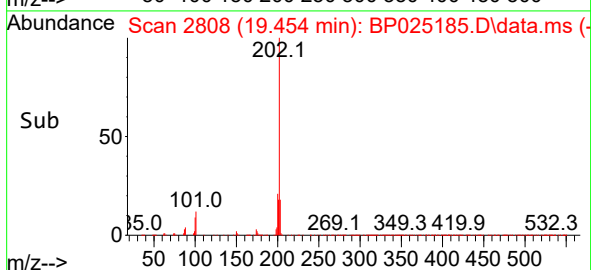
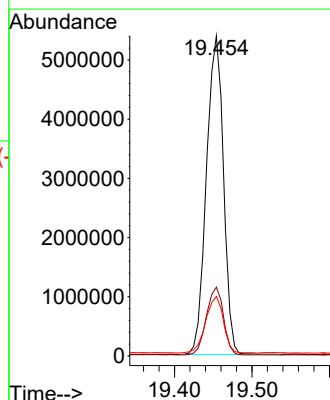
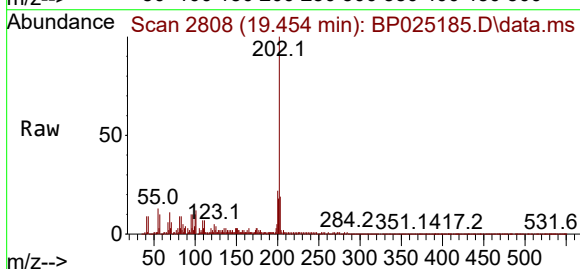
Tgt Ion:202 Resp: 8243660

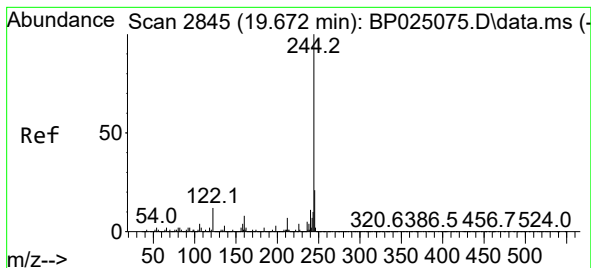
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 18.6 14.1 21.1





#79

Terphenyl-d14

Concen: 63.343 ng

RT: 19.695 min Scan# 2849

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

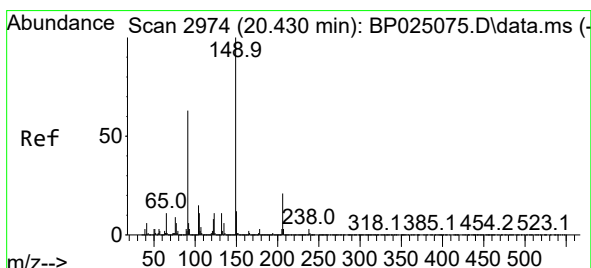
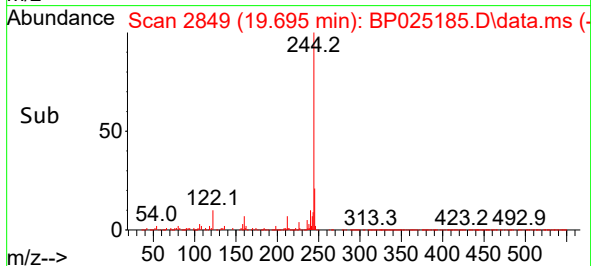
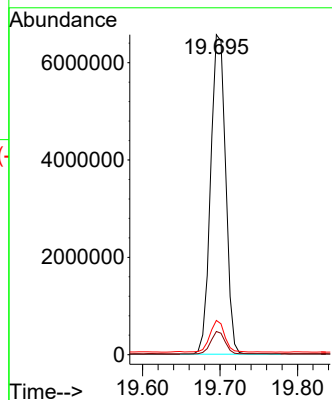
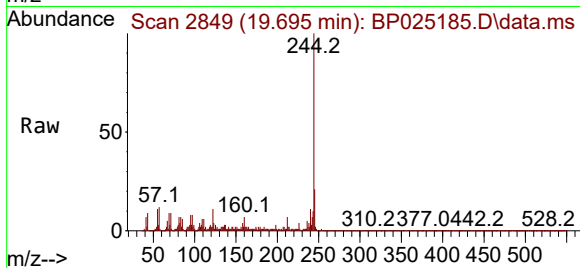
Tgt Ion:244 Resp: 8814239

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 46.040 ng

RT: 20.442 min Scan# 2976

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

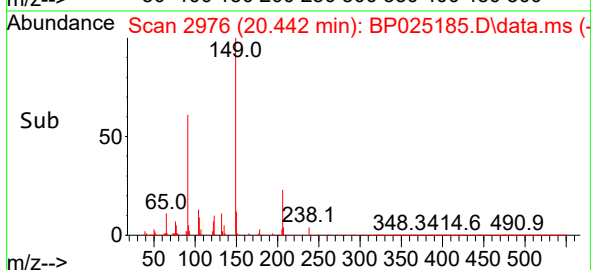
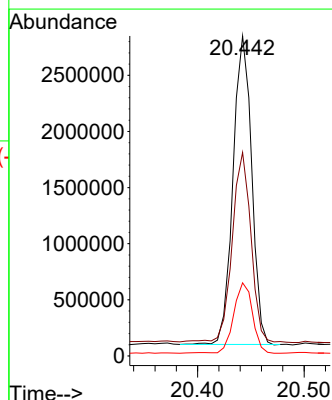
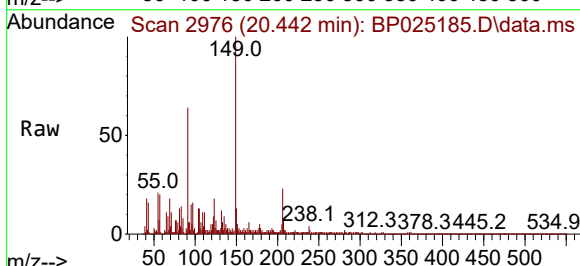
Tgt Ion:149 Resp: 3348095

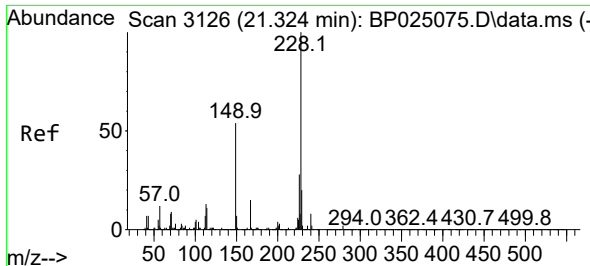
Ion Ratio Lower Upper

149 100

91 63.6 50.6 76.0

206 22.9 17.2 25.8

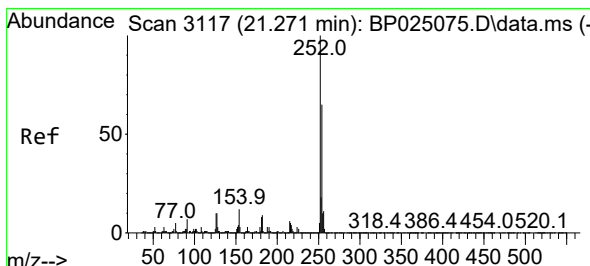
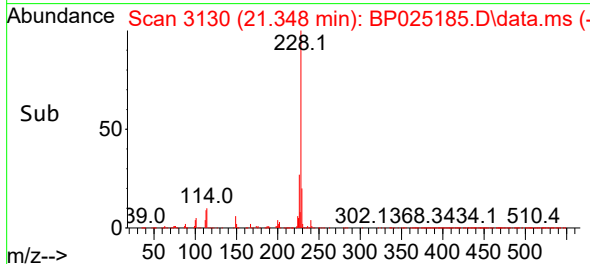
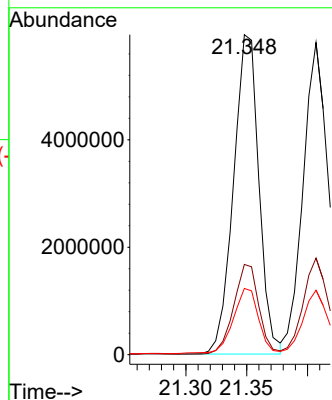
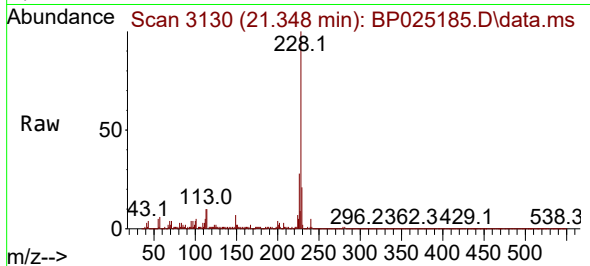




#81
Benzo(a)anthracene
Concen: 46.537 ng
RT: 21.348 min Scan# 3126
Delta R.T. 0.024 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

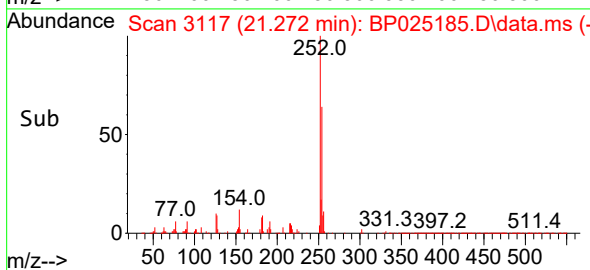
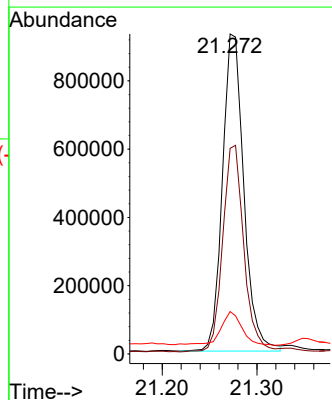
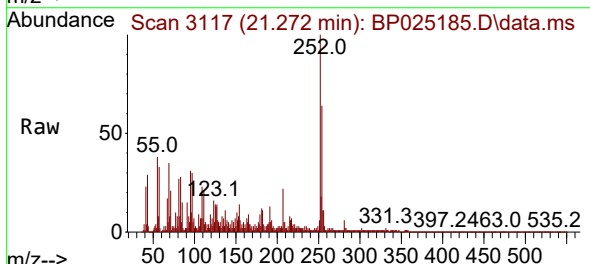
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

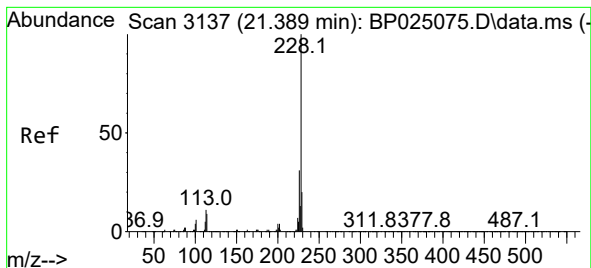
Tgt Ion:228 Resp: 8624872
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 26.197 ng
RT: 21.272 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:252 Resp: 1461598
Ion Ratio Lower Upper
252 100
254 64.3 51.9 77.9
126 13.3 8.1 12.1#





#83

Chrysene

Concen: 46.581 ng

RT: 21.407 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

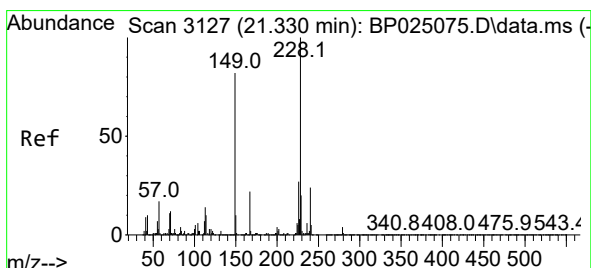
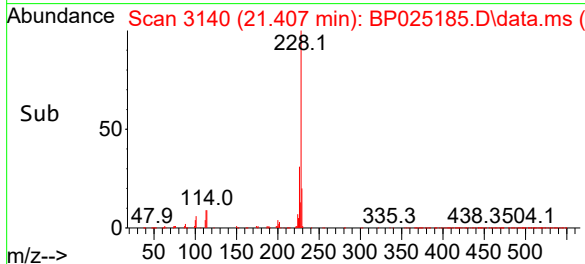
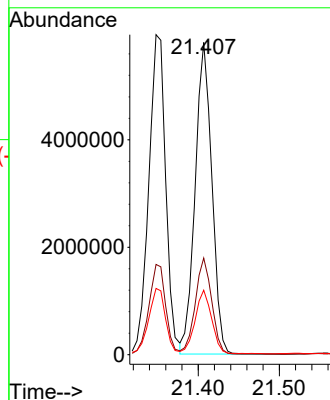
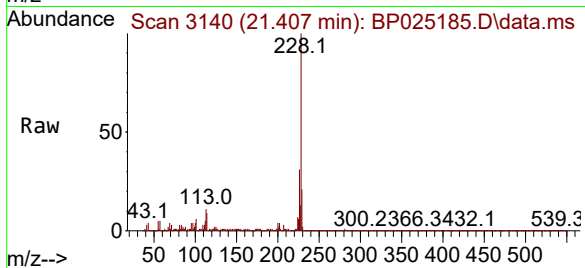
Tgt Ion:228 Resp: 8307910

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 20.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.548 ng

RT: 21.330 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

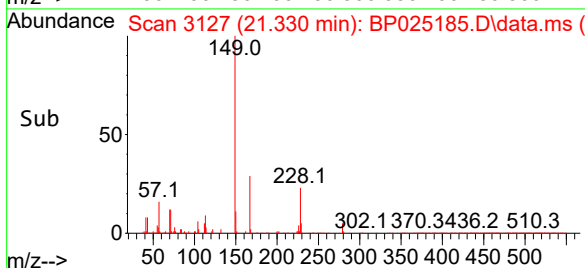
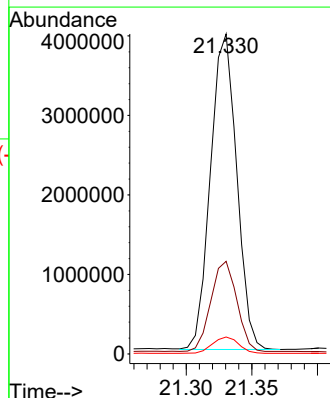
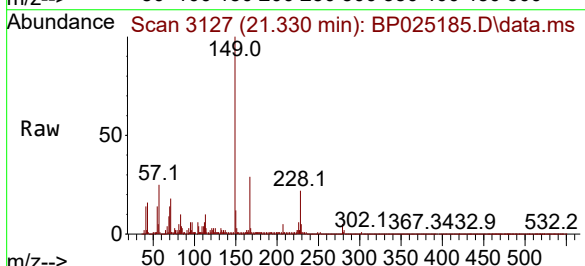
Tgt Ion:149 Resp: 5522094

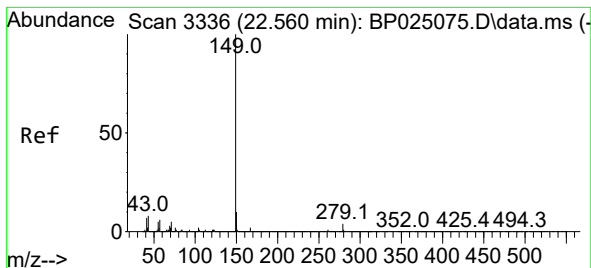
Ion Ratio Lower Upper

149 100

167 29.0 21.9 32.9

279 5.3 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 51.324 ng

RT: 22.548 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

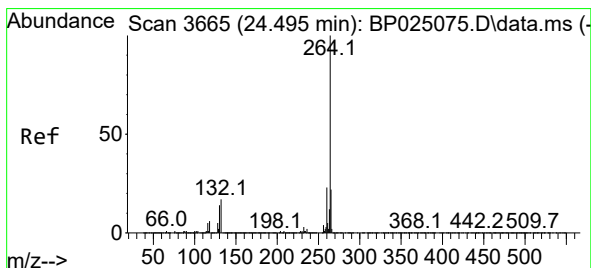
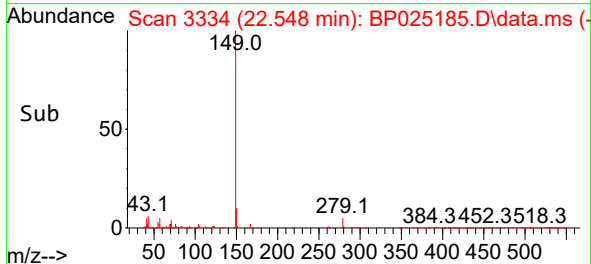
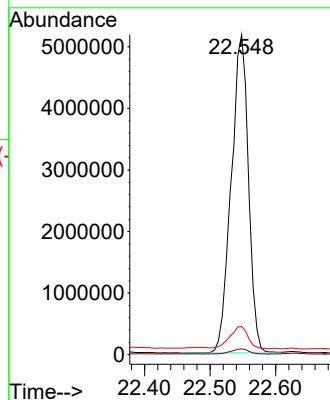
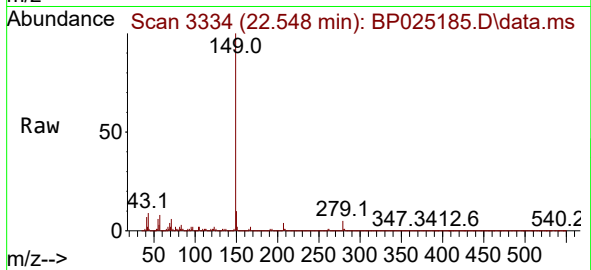
Tgt Ion:149 Resp: 9443660

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.507 min Scan# 3667

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

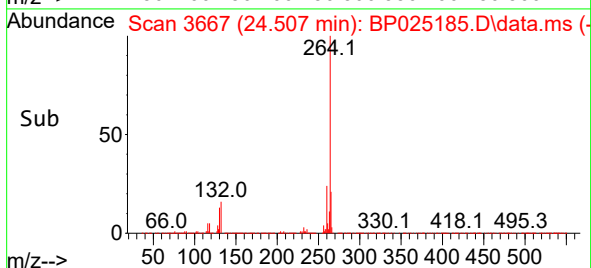
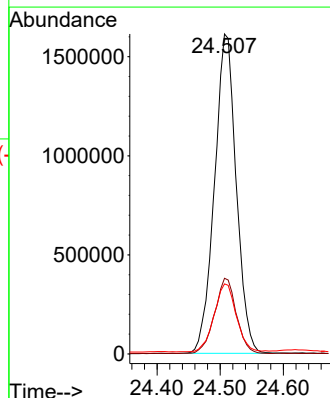
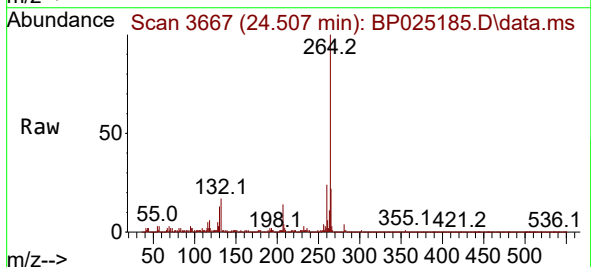
Tgt Ion:264 Resp: 3857202

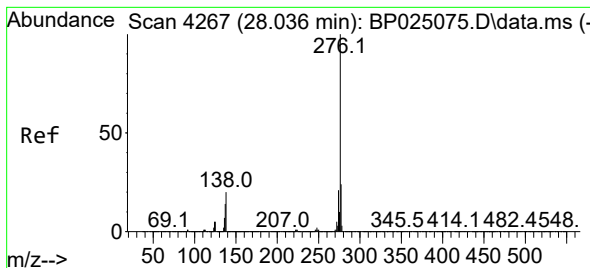
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.824 ng

RT: 28.059 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

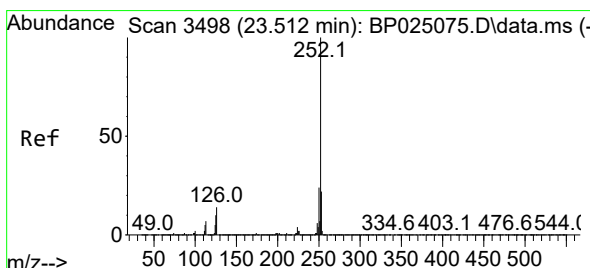
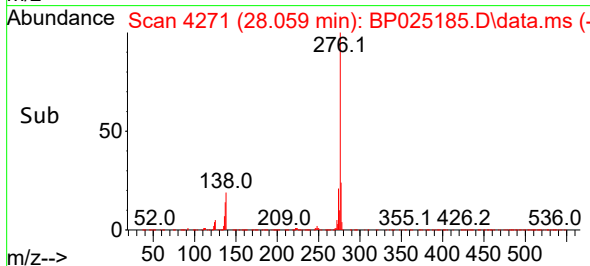
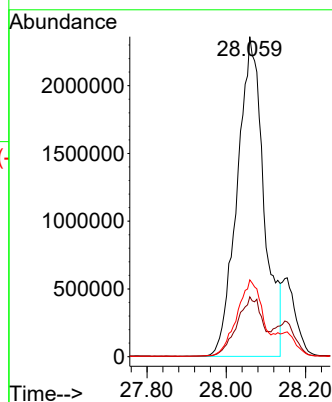
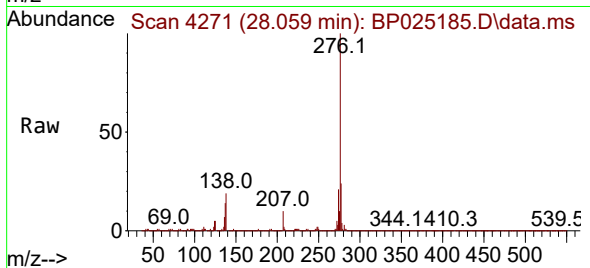
Tgt Ion:276 Resp:11014332

Ion Ratio Lower Upper

276 100

138 18.1 13.0 19.6

277 22.6 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 46.544 ng

RT: 23.524 min Scan# 3500

Delta R.T. 0.012 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

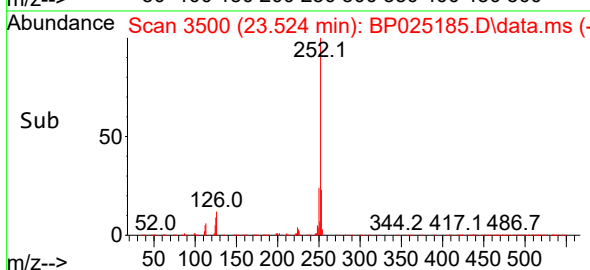
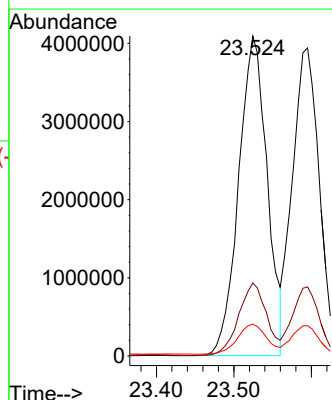
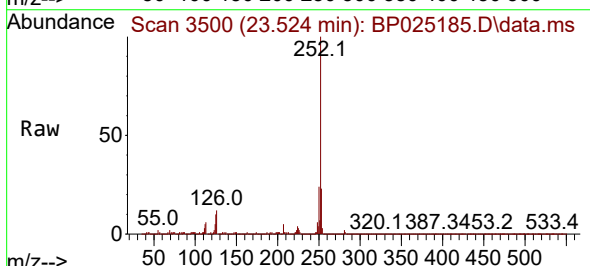
Tgt Ion:252 Resp:10449535

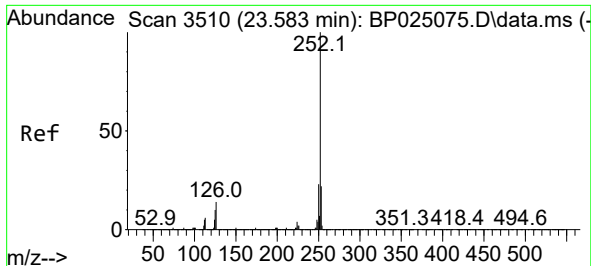
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 9.9 8.1 12.1

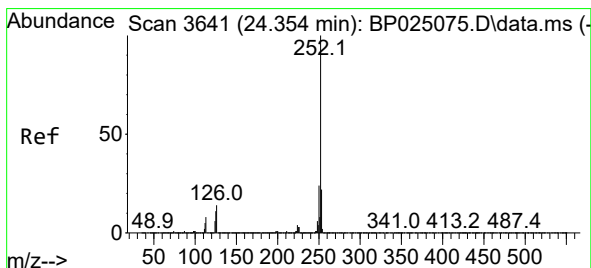
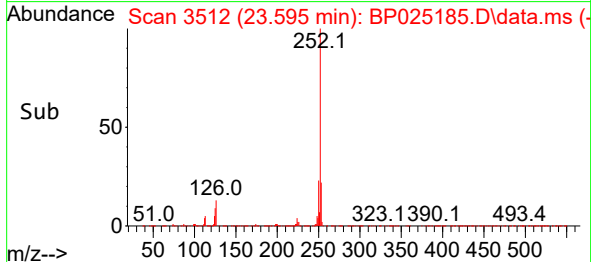
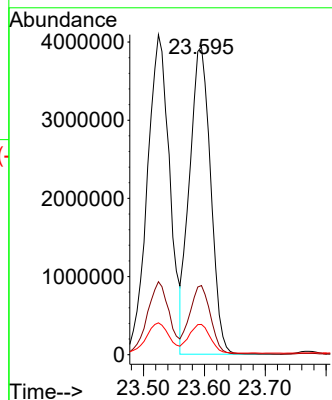
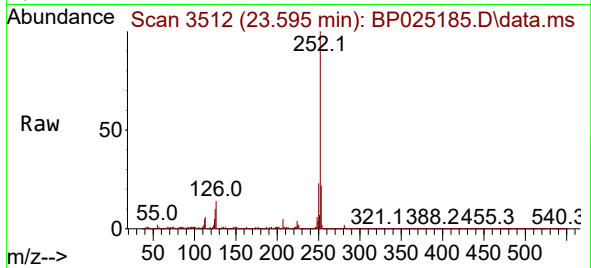




#89
Benzo(k)fluoranthene
Concen: 42.306 ng
RT: 23.595 min Scan# 3510
Delta R.T. 0.012 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

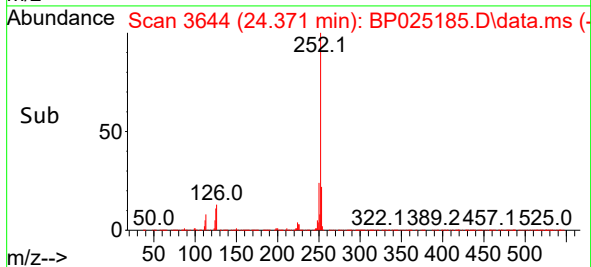
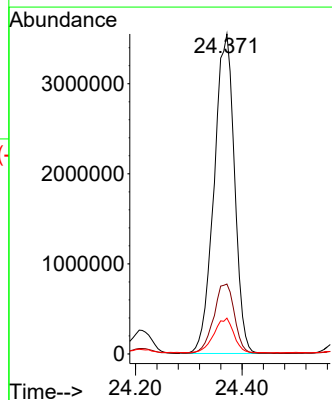
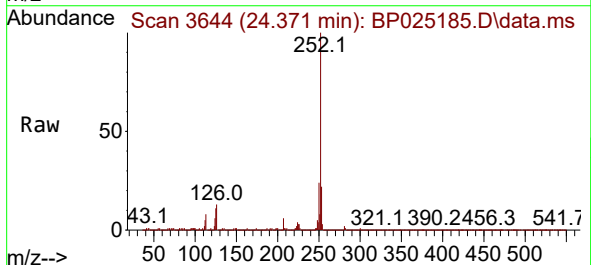
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

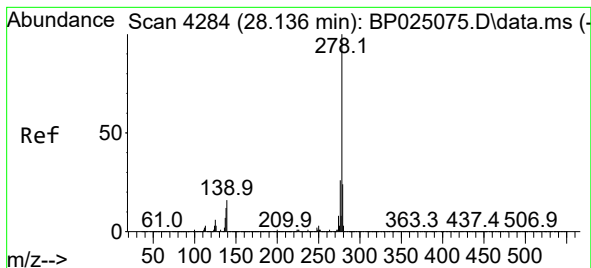
Tgt Ion:252 Resp: 9450570
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.8 8.2 12.2



#90
Benzo(a)pyrene
Concen: 49.238 ng
RT: 24.371 min Scan# 3644
Delta R.T. 0.018 min
Lab File: BP025185.D
Acq: 17 Jul 2025 19:49

Tgt Ion:252 Resp: 9408317
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 47.992 ng

RT: 28.154 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MS

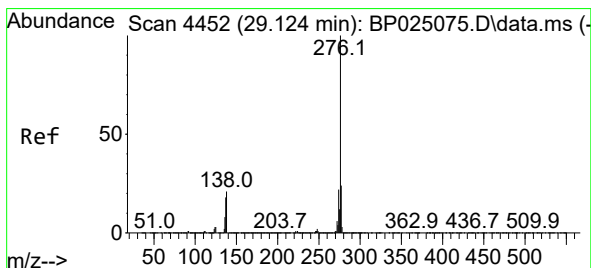
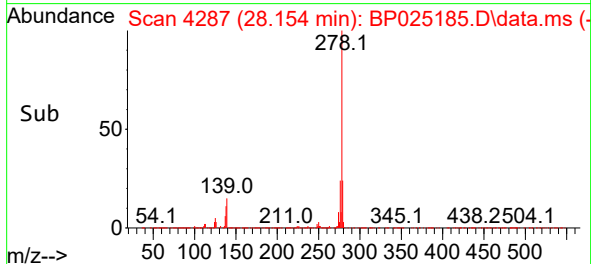
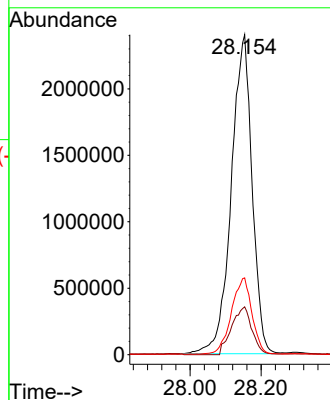
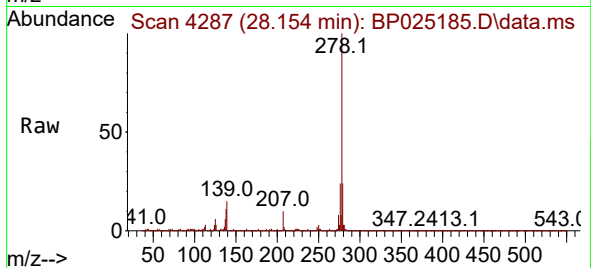
Tgt Ion:278 Resp: 9747994

Ion Ratio Lower Upper

278 100

139 15.0 13.1 19.7

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 48.069 ng

RT: 29.177 min Scan# 4461

Delta R.T. 0.053 min

Lab File: BP025185.D

Acq: 17 Jul 2025 19:49

Tgt Ion:276 Resp:10086062

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 19.9 16.9 25.3

