

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025415.D
 Acq On : 15 Aug 2025 05:48
 Operator : CG/JU
 Sample : Q2820-17MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-EMS

Quant Time: Aug 15 08:05:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	150786	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	605832	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	386320	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	780287	20.000	ng	0.00
76) Chrysene-d12	21.642	240	875377	20.000	ng	0.00
86) Perylene-d12	25.001	264	1000604	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	768113	84.597	ng	0.00
7) Phenol-d6	6.972	99	997741	85.710	ng	0.00
23) Nitrobenzene-d5	8.931	82	621723	51.912	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	441123	84.833	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1406520	49.758	ng	0.00
79) Terphenyl-d14	19.913	244	2185634	45.681	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	127096	35.736	ng	97
3) Pyridine	3.725	79	350548	36.011	ng	97
4) n-Nitrosodimethylamine	3.637	42	171159	42.649	ng	97
6) Aniline	7.125	93	528462	33.694	ng	98
8) 2-Chlorophenol	7.366	128	452389	44.153	ng	98
9) Benzaldehyde	6.943	77	214385	26.286	ng	99
10) Phenol	6.996	94	550261	45.048	ng	96
11) bis(2-Chloroethyl)ether	7.219	93	391840	41.157	ng	99
12) 1,3-Dichlorobenzene	7.684	146	466002	41.247	ng	99
13) 1,4-Dichlorobenzene	7.825	146	475529	41.179	ng	99
14) 1,2-Dichlorobenzene	8.143	146	455238	40.725	ng	98
15) Benzyl Alcohol	8.025	79	400142	43.261	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	524406	41.117	ng	99
17) 2-Methylphenol	8.225	107	379896	44.780	ng	98
18) Hexachloroethane	8.866	117	174455	41.089	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	308676	40.032	ng	97
20) 3+4-Methylphenols	8.549	107	523056	44.480	ng	98
22) Acetophenone	8.607	105	638997	42.059	ng	# 98
24) Nitrobenzene	8.972	77	463016	43.258	ng	99
25) Isophorone	9.502	82	886621	41.831	ng	99
26) 2-Nitrophenol	9.678	139	238745	43.463	ng	98
27) 2,4-Dimethylphenol	9.737	122	434435	45.989	ng	98
28) bis(2-Chloroethoxy)met...	9.972	93	540971	42.224	ng	99
29) 2,4-Dichlorophenol	10.207	162	437774	46.651	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	433129	42.105	ng	98
31) Naphthalene	10.613	128	1330005	42.238	ng	99
32) Benzoic acid	9.884	122	311312	44.638	ng	98
33) 4-Chloroaniline	10.713	127	321033	23.081	ng	99
34) Hexachlorobutadiene	10.901	225	274233	42.806	ng	98
35) Caprolactam	11.496	113	149929	43.572	ng	99
36) 4-Chloro-3-methylphenol	11.843	107	491428	45.638	ng	98
37) 2-Methylnaphthalene	12.219	142	871694	42.539	ng	98
38) 1-Methylnaphthalene	12.437	142	902892	41.432	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	495028	44.368	ng	99
41) Hexachlorocyclopentadiene	12.572	237	587000	87.099	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	352250	46.764	ng	98

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 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	390615	47.317	ng	99
46) 1,1'-Biphenyl	13.225	154	1250868	44.583	ng	100
47) 2-Chloronaphthalene	13.272	162	963302	44.103	ng	99
48) 2-Nitroaniline	13.466	65	297760	46.787	ng	99
49) Acenaphthylene	14.119	152	1611999	44.601	ng	99
50) Dimethylphthalate	13.860	163	1254219	44.335	ng	100
51) 2,6-Dinitrotoluene	13.966	165	269670	45.226	ng	91
52) Acenaphthene	14.466	154	949405	44.752	ng	99
53) 3-Nitroaniline	14.295	138	199924	29.801	ng	93
54) 2,4-Dinitrophenol	14.507	184	307887	96.691	ng	98
55) Dibenzofuran	14.801	168	1489789	44.417	ng	99
56) 4-Nitrophenol	14.619	139	513780	93.200	ng	95
57) 2,4-Dinitrotoluene	14.760	165	399936	47.011	ng	100
58) Fluorene	15.460	166	1142677	43.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	334331	45.866	ng	99
60) Diethylphthalate	15.242	149	1293019	44.982	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	558984	42.468	ng	97
62) 4-Nitroaniline	15.472	138	295780	43.007	ng	96
63) Azobenzene	15.754	77	1184564	48.126	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	221973	45.637	ng	99
66) n-Nitrosodiphenylamine	15.678	169	1035094	43.502	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	374274	43.613	ng	98
68) Hexachlorobenzene	16.489	284	432625	43.489	ng	98
69) Atrazine	16.654	200	398840	44.758	ng	98
70) Pentachlorophenol	16.842	266	593177	94.460	ng	98
71) Phenanthrene	17.242	178	1900981	44.349	ng	100
72) Anthracene	17.342	178	1901911	43.450	ng	99
73) Carbazole	17.613	167	1848365	44.831	ng	99
74) Di-n-butylphthalate	18.213	149	2264177	44.635	ng	100
75) Fluoranthene	19.325	202	2274430	44.484	ng	98
77) Benzidine	19.519	184	1279852	42.841	ng	99
78) Pyrene	19.701	202	2376529	41.769	ng	99
80) Butylbenzylphthalate	20.654	149	1141667	44.274	ng	98
81) Benzo(a)anthracene	21.619	228	2561195	44.364	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	558511	25.666	ng	99
83) Chrysene	21.689	228	2409067	44.558	ng	100
84) Bis(2-ethylhexyl)phtha...	21.566	149	1670118	43.998	ng	100
85) Di-n-octyl phthalate	22.854	149	2946897	45.135	ng	100
87) Indeno(1,2,3-cd)pyrene	28.824	276	2817344	38.394	ng	94
88) Benzo(b)fluoranthene	23.930	252	2653334	44.970	ng	99
89) Benzo(k)fluoranthene	24.001	252	2664055	45.121	ng	99
90) Benzo(a)pyrene	24.830	252	2562652	44.619	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	2675040	44.609	ng	98
92) Benzo(g,h,i)perylene	30.030	276	2637753	44.748	ng	98

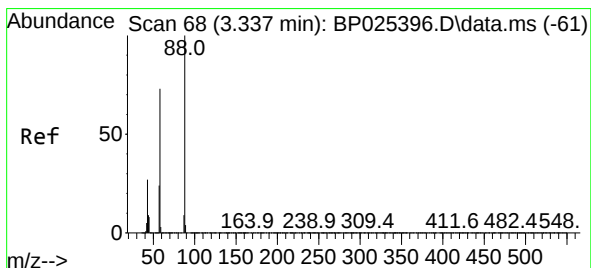
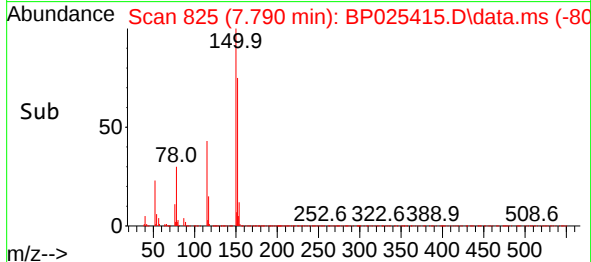
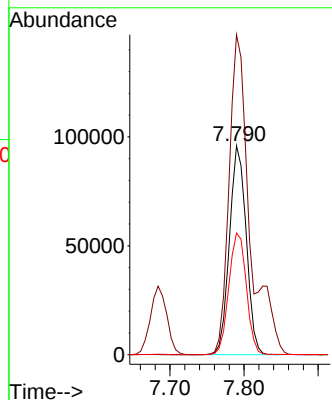
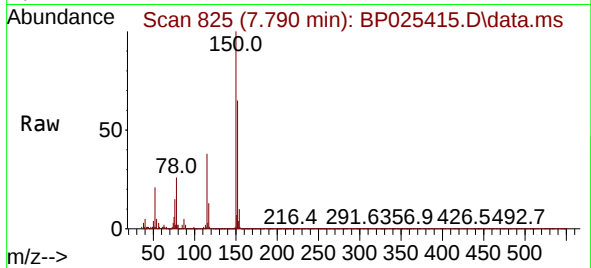
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025415.D
 Acq: 15 Aug 2025 05:48

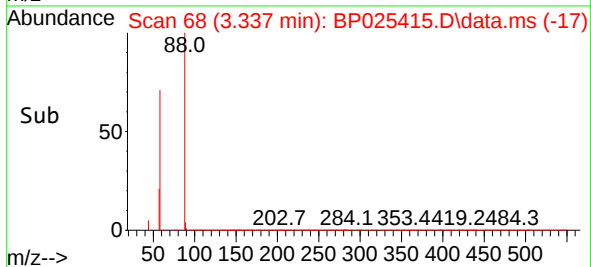
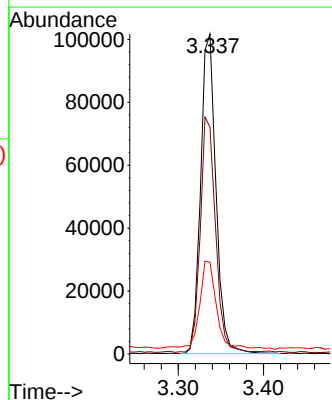
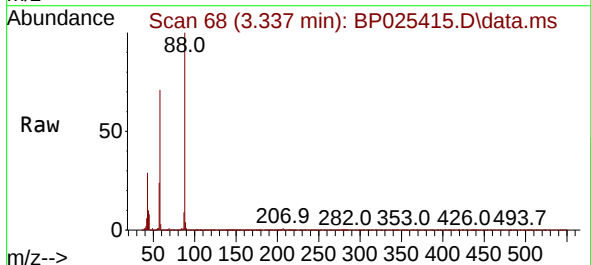
Instrument :
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 88H-EMS

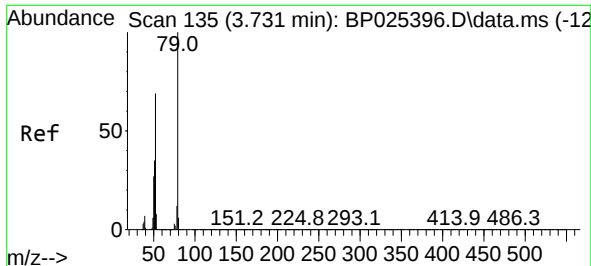
Tgt Ion:152 Resp: 150786
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.9 188.9
 115 58.2 48.5 72.7



#2
 1,4-Dioxane
 Concen: 35.736 ng
 RT: 3.337 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BP025415.D
 Acq: 15 Aug 2025 05:48

Tgt Ion: 88 Resp: 127096
 Ion Ratio Lower Upper
 88 100
 58 73.0 59.2 88.8
 43 31.5 21.7 32.5

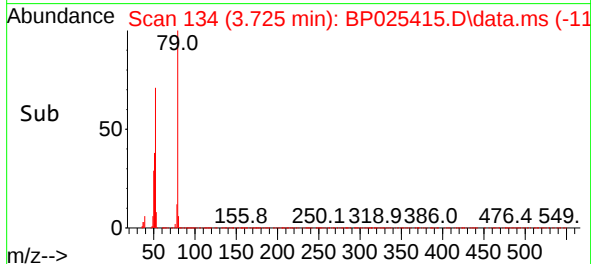
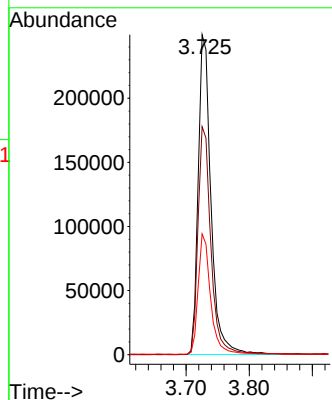
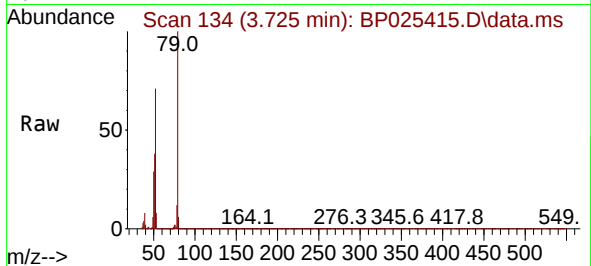




#3
 Pyridine
 Concen: 36.011 ng
 RT: 3.725 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP025415.D
 Acq: 15 Aug 2025 05:48

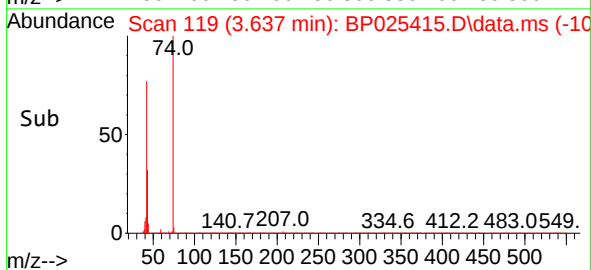
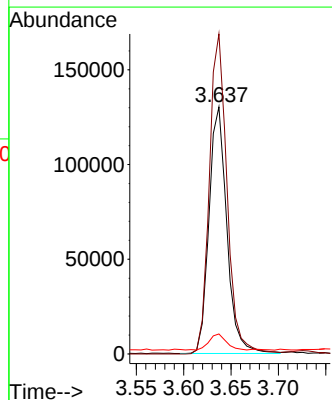
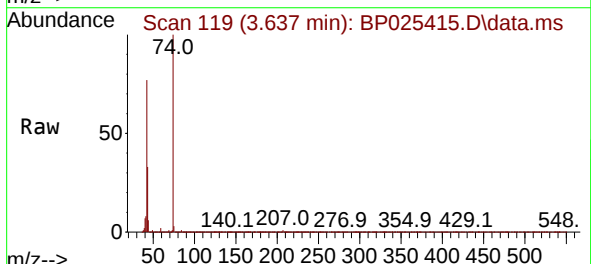
Instrument :
 BNA_P
 ClientSampleId :
 88H-EMS

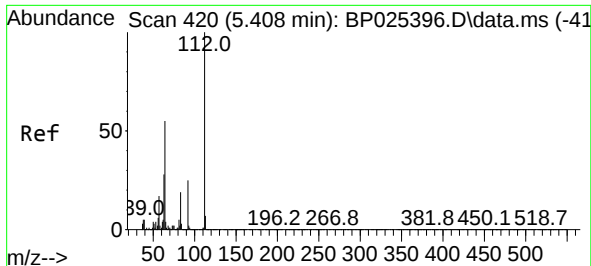
Tgt Ion: 79 Resp: 350548
 Ion Ratio Lower Upper
 79 100
 52 71.3 55.5 83.3
 51 37.8 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 42.649 ng
 RT: 3.637 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: BP025415.D
 Acq: 15 Aug 2025 05:48

Tgt Ion: 42 Resp: 171159
 Ion Ratio Lower Upper
 42 100
 74 129.5 107.0 160.4
 44 8.1 6.2 9.4

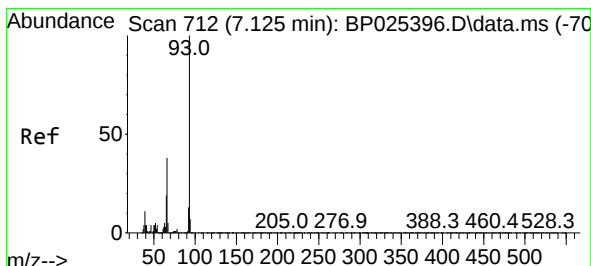
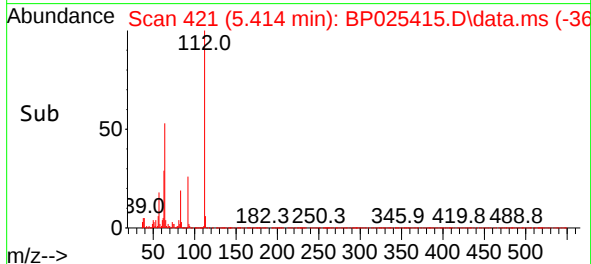
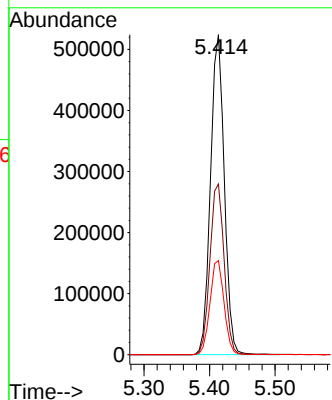
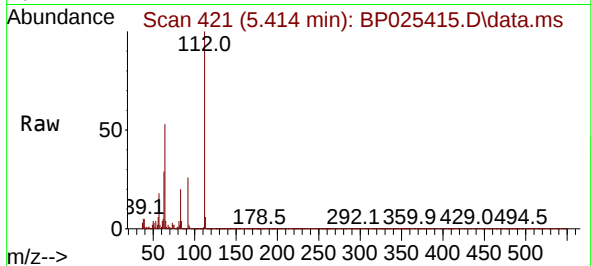




#5
2-Fluorophenol
Concen: 84.597 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

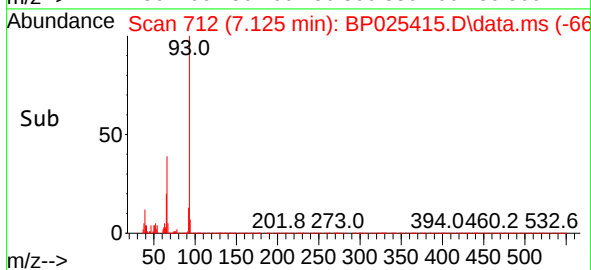
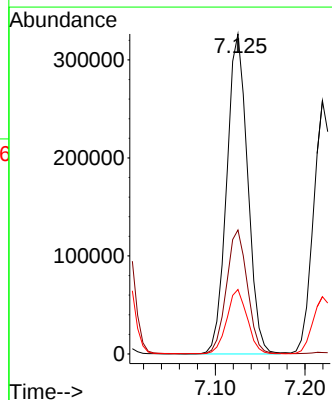
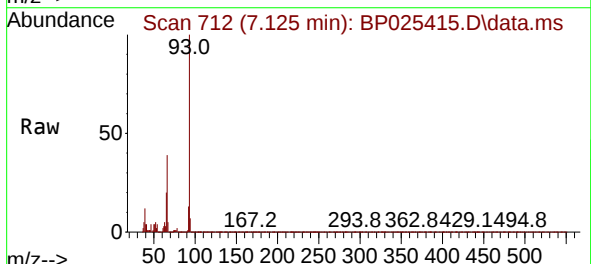
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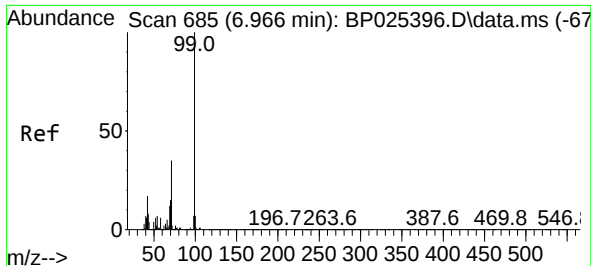
Tgt Ion:112 Resp: 768113
Ion Ratio Lower Upper
112 100
64 53.3 43.8 65.8
63 29.4 22.7 34.1



#6
Aniline
Concen: 33.694 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 93 Resp: 528462
Ion Ratio Lower Upper
93 100
66 38.7 30.4 45.6
65 20.1 15.3 22.9

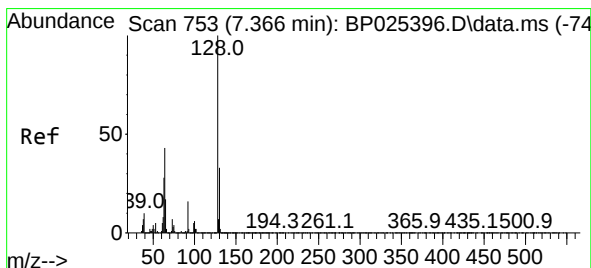
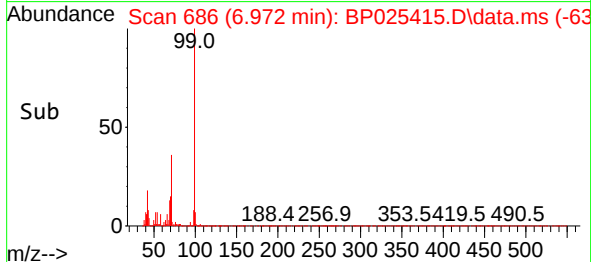
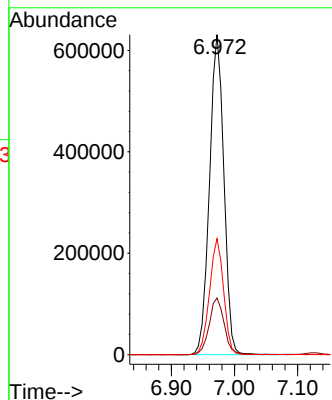
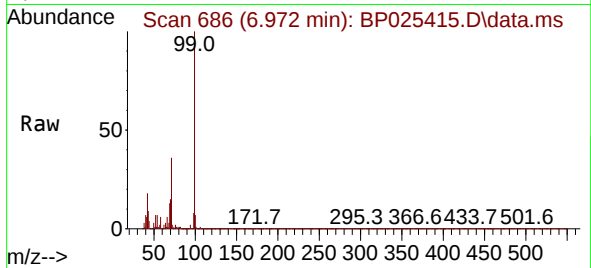




#7
Phenol-d6
Concen: 85.710 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

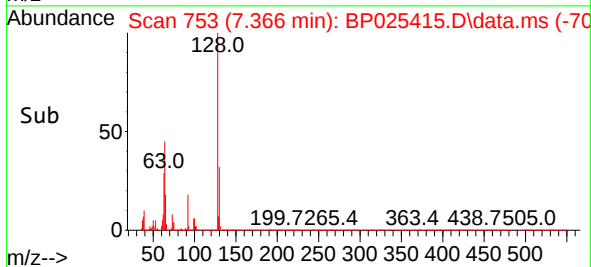
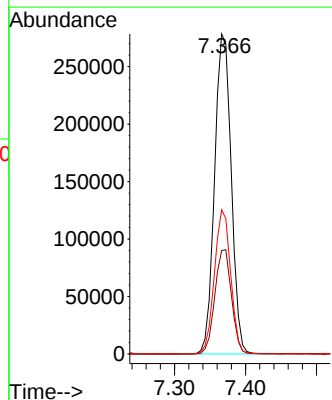
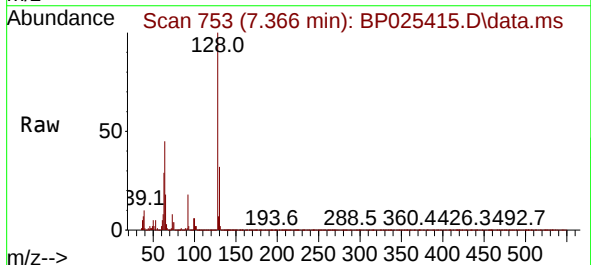
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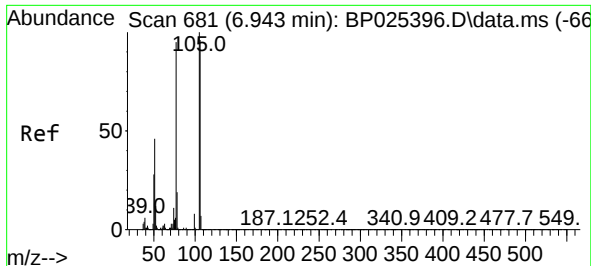
Tgt Ion: 99 Resp: 997741
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 36.3 28.2 42.4



#8
2-Chlorophenol
Concen: 44.153 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:128 Resp: 452389
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 45.0 23.4 63.4

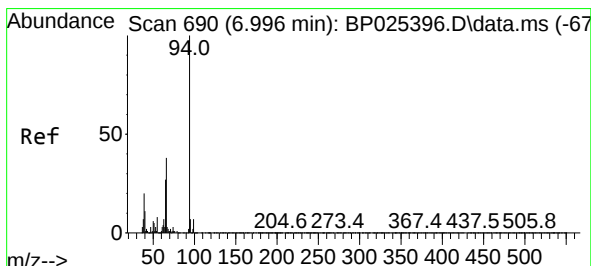
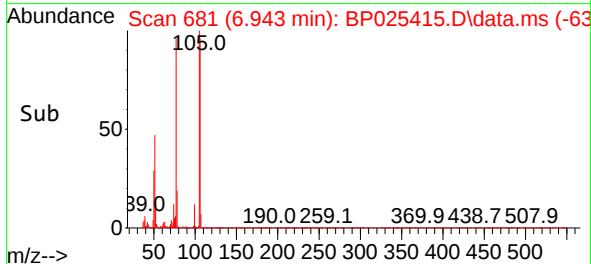
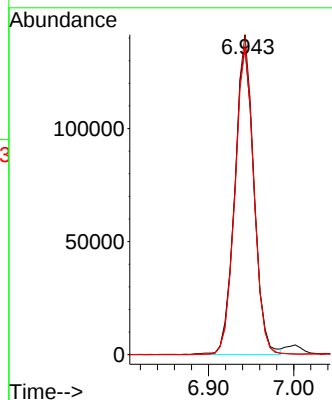
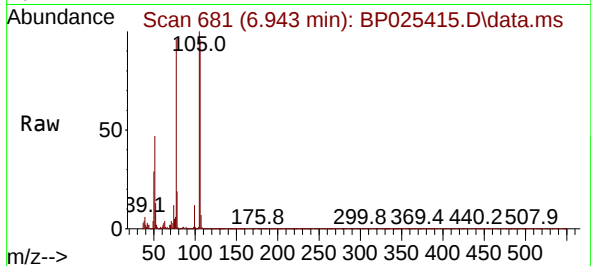




#9
Benzaldehyde
Concen: 26.286 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

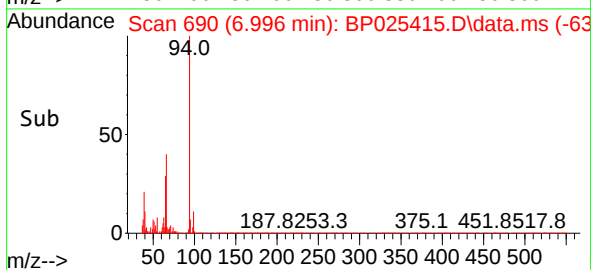
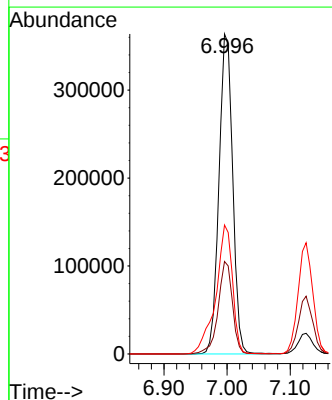
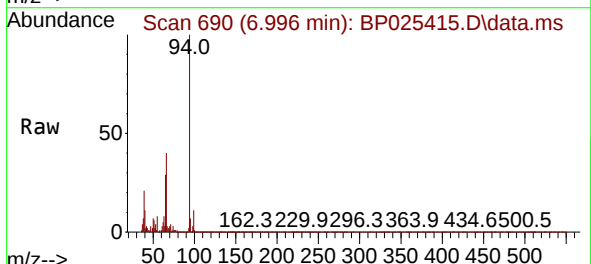
Instrument :
BNA_P
ClientSampleId :
88H-EMS

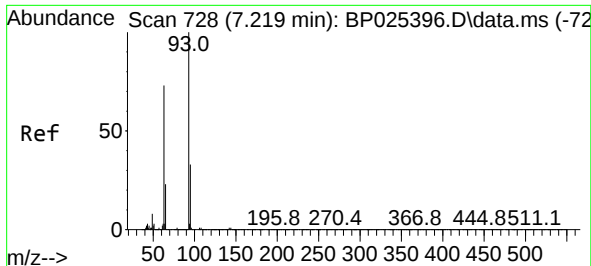
Tgt Ion: 77 Resp: 214385
Ion Ratio Lower Upper
77 100
105 104.1 84.8 124.8
106 99.7 80.5 120.5



#10
Phenol
Concen: 45.048 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 94 Resp: 550261
Ion Ratio Lower Upper
94 100
65 28.9 6.8 46.8
66 40.3 18.2 58.2

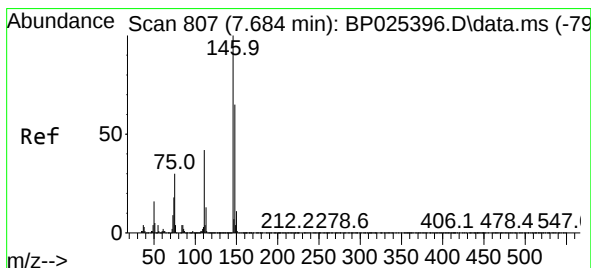
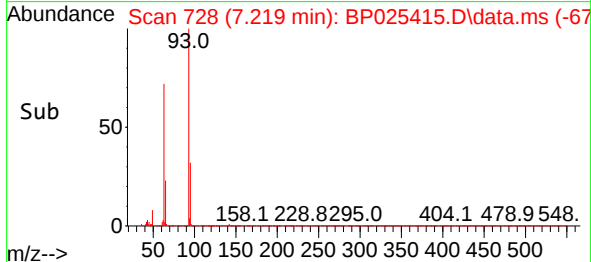
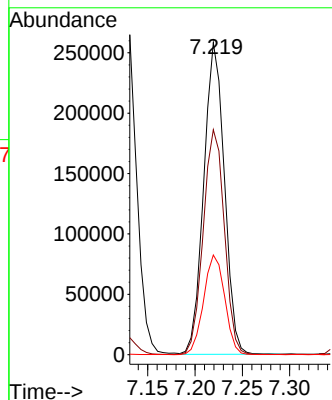
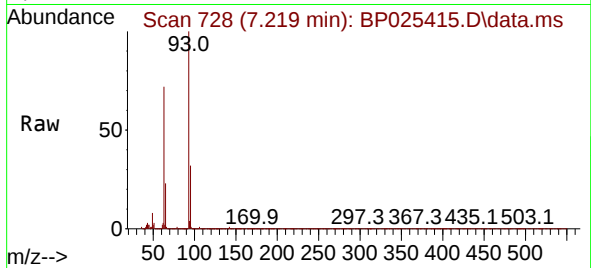




#11
bis(2-Chloroethyl)ether
Concen: 41.157 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

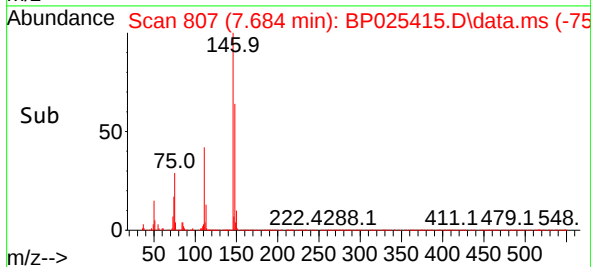
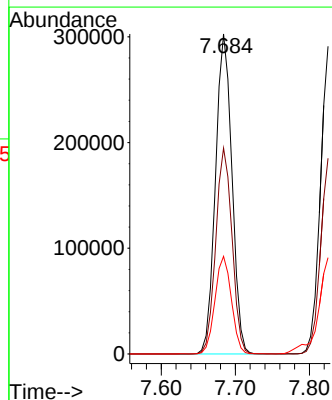
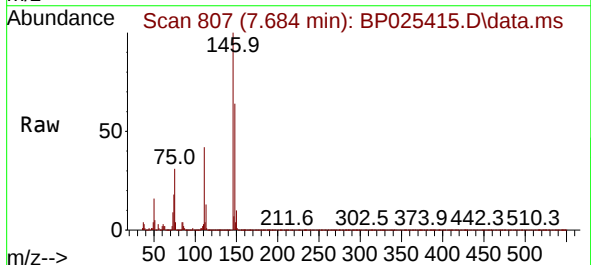
Instrument :
BNA_P
ClientSampleId :
88H-EMS

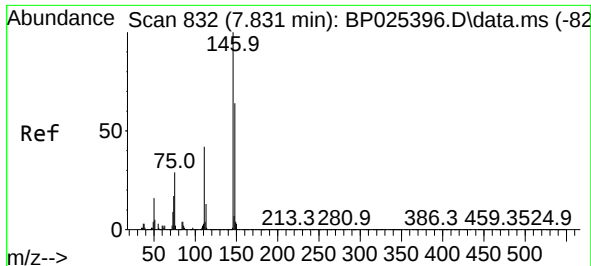
Tgt Ion: 93 Resp: 391840
Ion Ratio Lower Upper
93 100
63 72.1 52.6 92.6
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.247 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 146 Resp: 466002
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 30.5 23.7 35.5

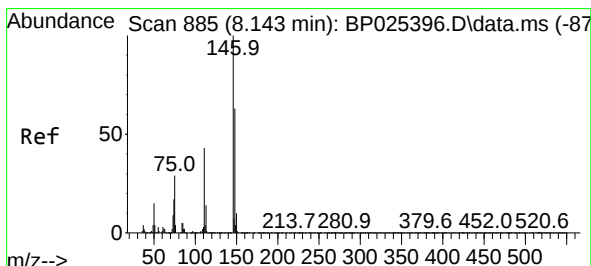
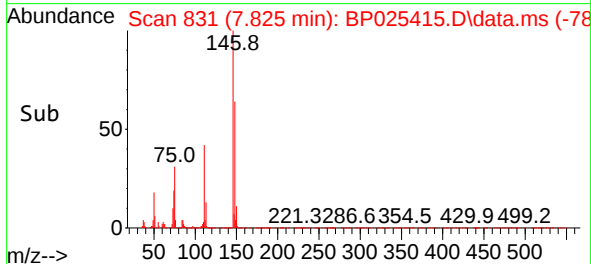
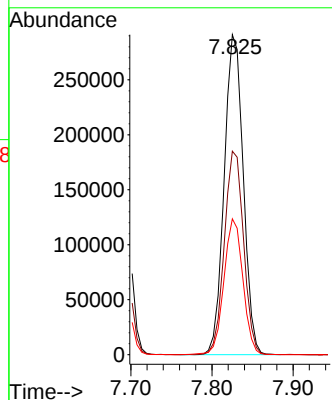
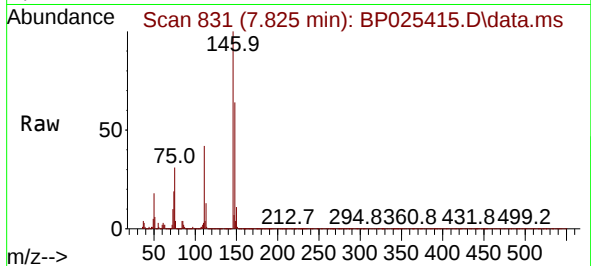




#13
1,4-Dichlorobenzene
Concen: 41.179 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

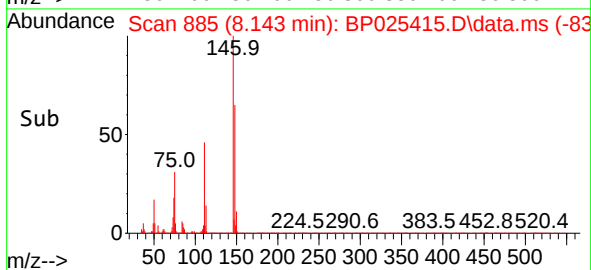
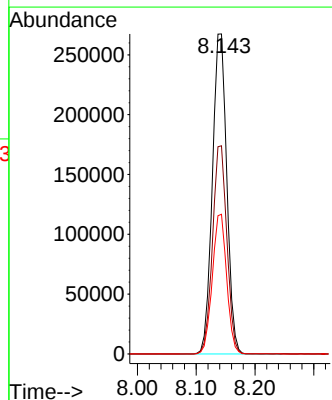
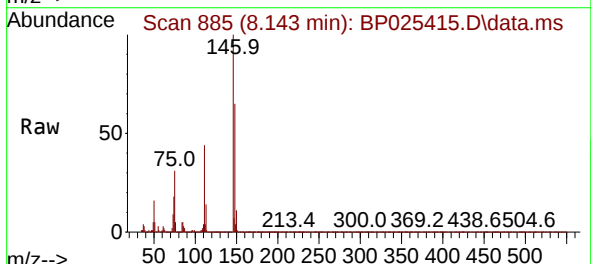
Instrument :
BNA_P
ClientSampleId :
88H-EMS

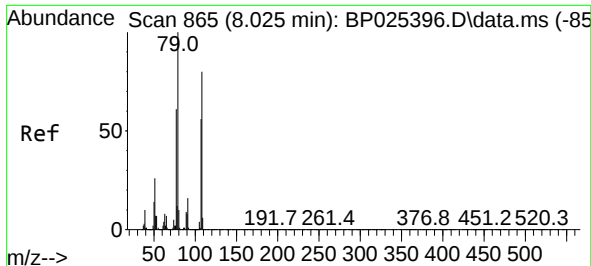
Tgt Ion:146 Resp: 475529
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 42.5 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 40.725 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:146 Resp: 455238
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
111 43.6 34.5 51.7

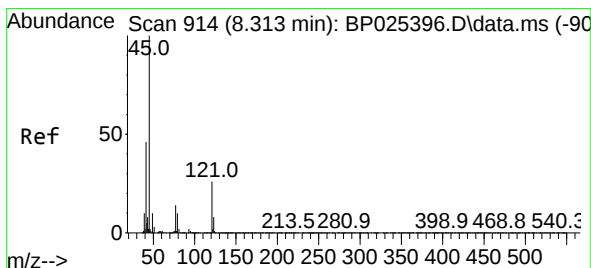
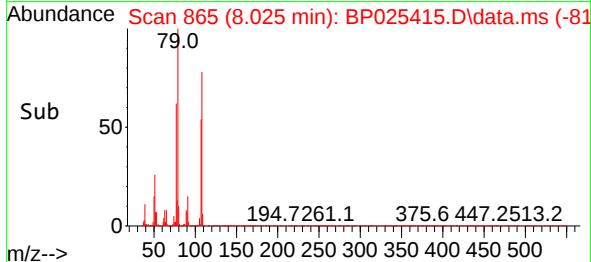
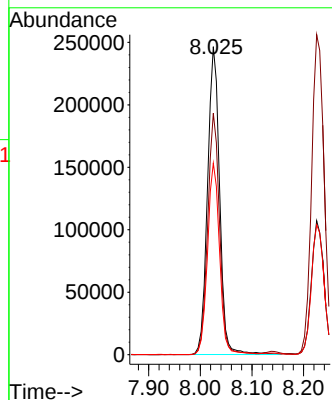
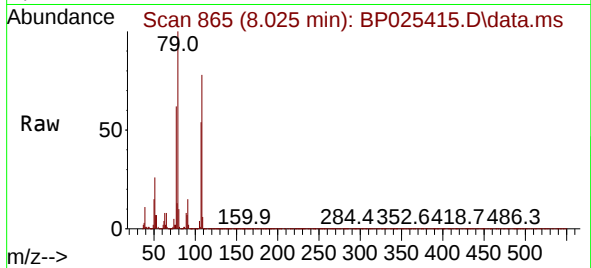




#15
Benzyl Alcohol
Concen: 43.261 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

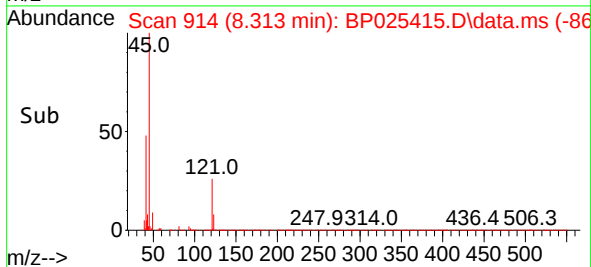
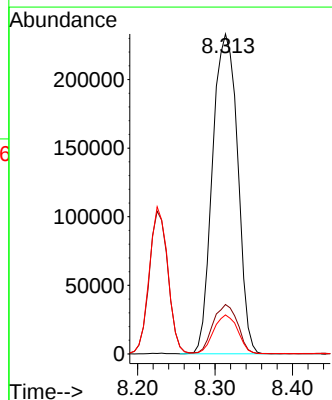
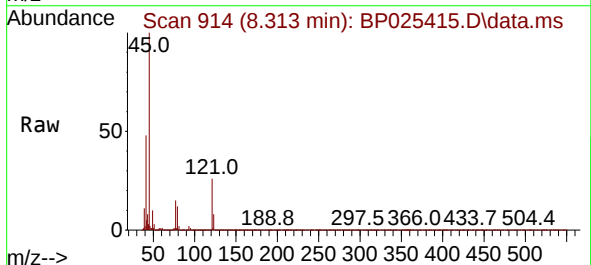
Instrument :
BNA_P
ClientSampleId :
88H-EMS

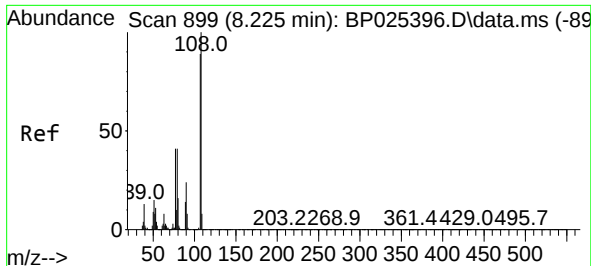
Tgt Ion: 79 Resp: 400142
Ion Ratio Lower Upper
79 100
108 78.4 63.8 95.6
77 62.2 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.117 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 45 Resp: 524406
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.3
79 12.2 0.0 31.8

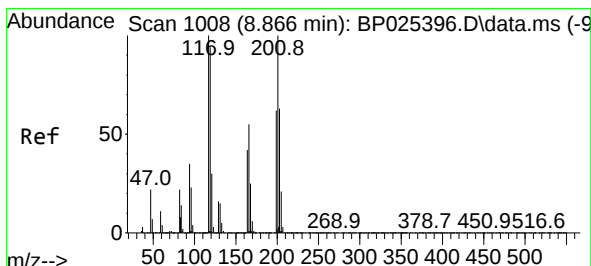
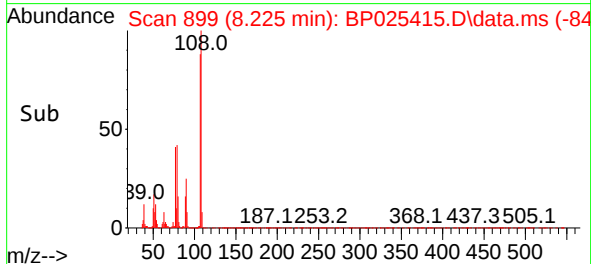
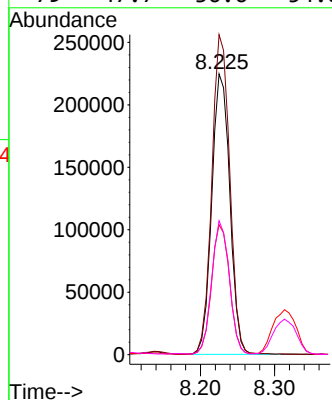
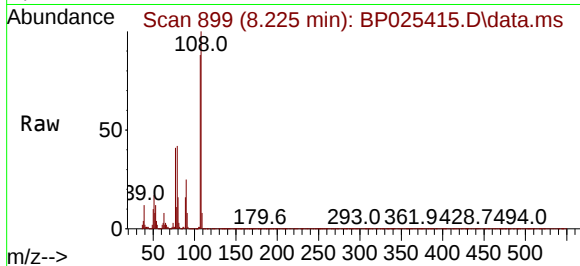




#17
2-Methylphenol
Concen: 44.780 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

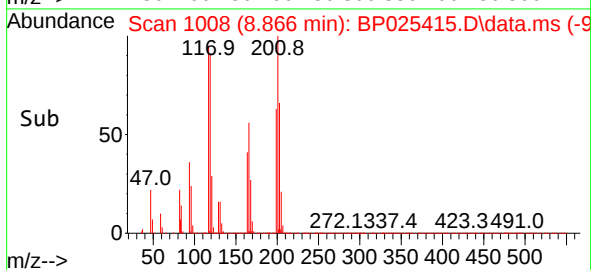
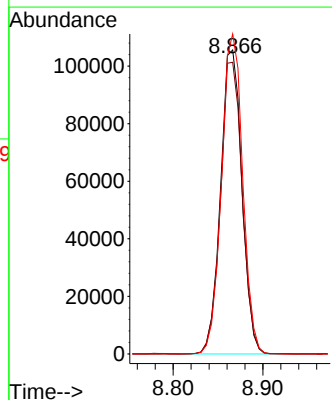
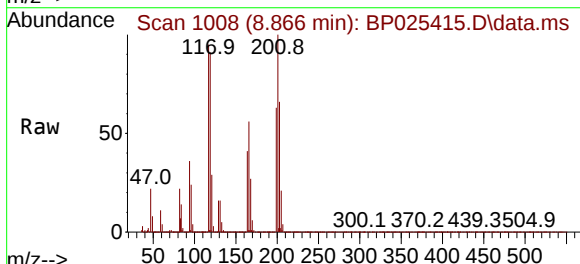
Instrument :
BNA_P
ClientSampleId :
88H-EMS

Tgt Ion:	107	Resp:	379896
Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.4	134.0
77	46.3	36.3	54.5
79	47.7	36.6	54.8



#18
Hexachloroethane
Concen: 41.089 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:	117	Resp:	174455
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.1	112.7
201	105.2	80.1	120.1

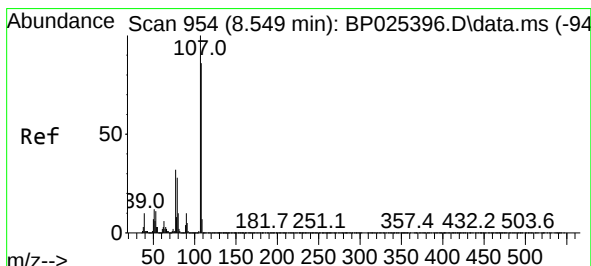
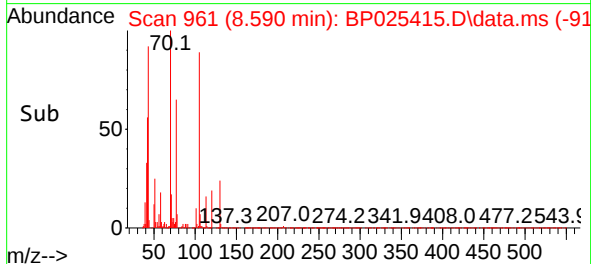
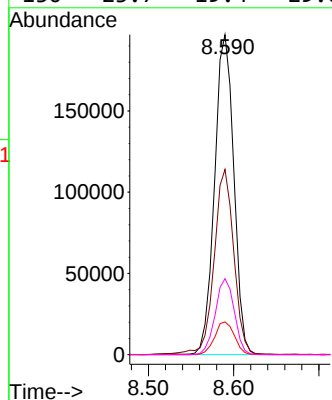
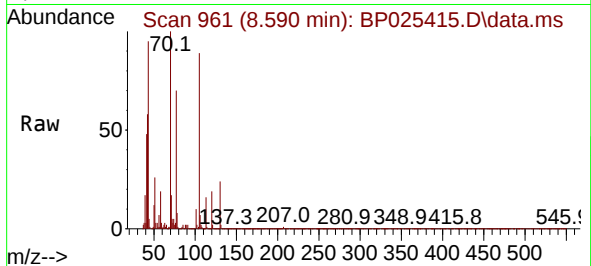




#19
n-Nitroso-di-n-propylamine
Concen: 40.032 ng
RT: 8.590 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

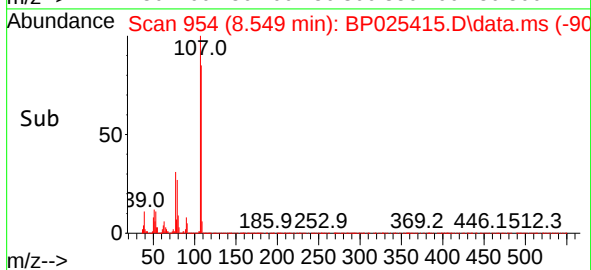
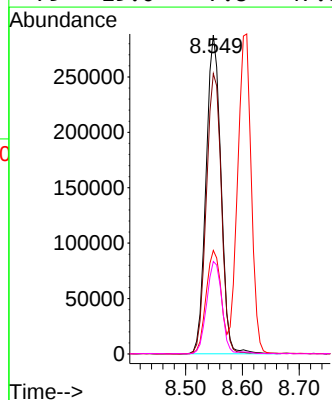
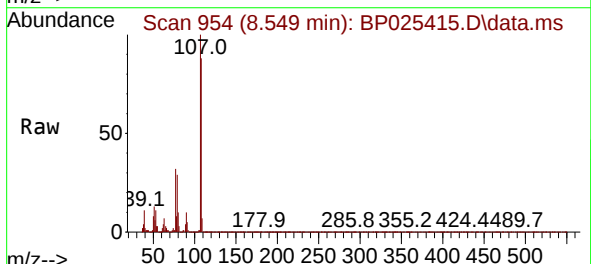
Instrument :
BNA_P
ClientSampleId :
88H-EMS

Tgt Ion: 70 Resp: 308676
Ion Ratio Lower Upper
70 100
42 57.9 43.8 65.6
101 10.3 8.5 12.7
130 23.7 19.4 29.0



#20
3+4-Methylphenols
Concen: 44.480 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 107 Resp: 523056
Ion Ratio Lower Upper
107 100
108 87.9 66.3 106.3
77 32.5 12.3 52.3
79 29.0 7.8 47.8

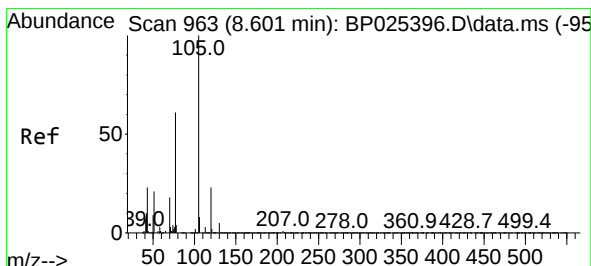
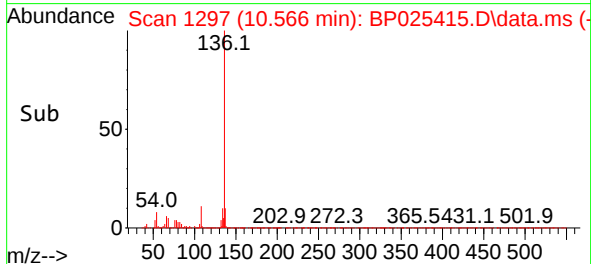
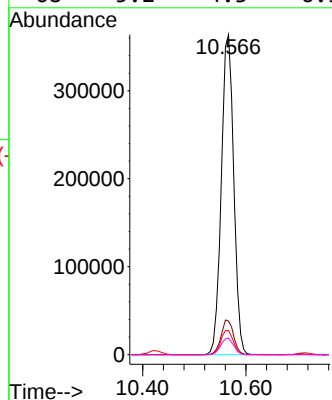
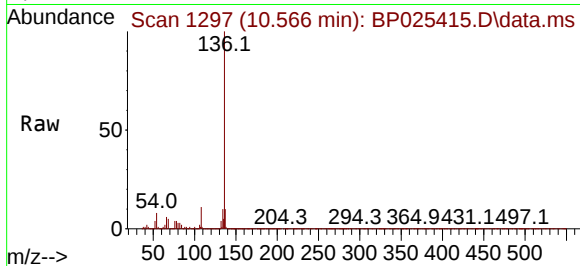




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

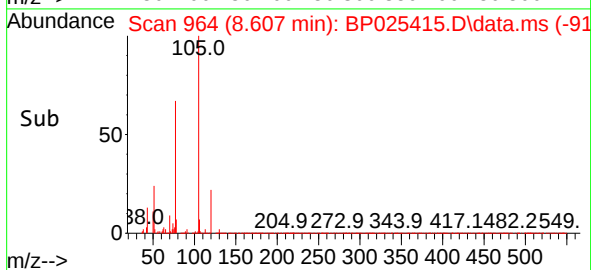
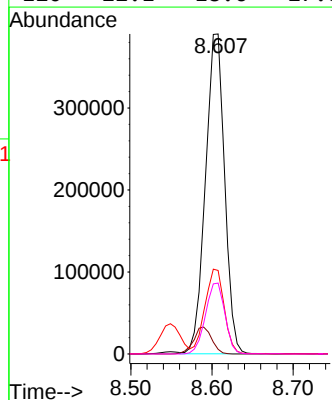
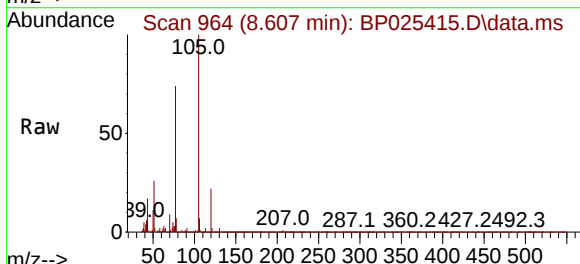
Instrument :
BNA_P
ClientSampleId :
88H-EMS

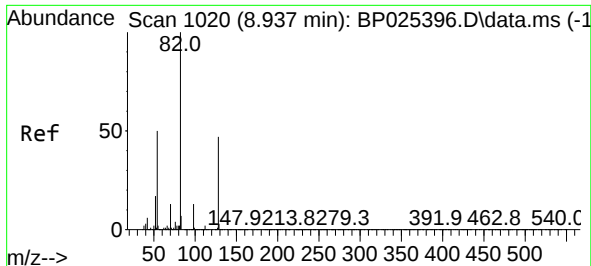
Tgt Ion:	136	Resp:	605832
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.5	6.0	9.0
68	5.2	4.3	6.5



#22
Acetophenone
Concen: 42.059 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:	105	Resp:	638997
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.6	4.0#
51	26.1	20.6	30.8
120	22.1	18.6	27.8

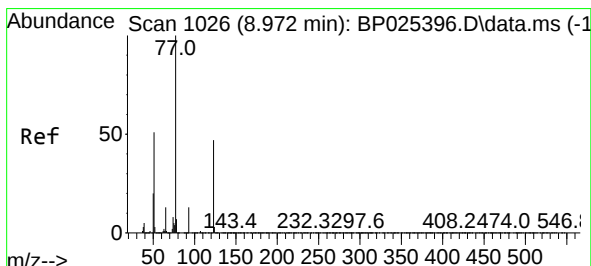
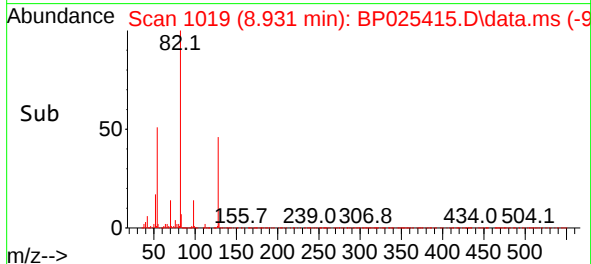
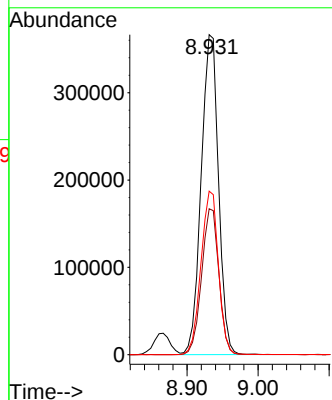
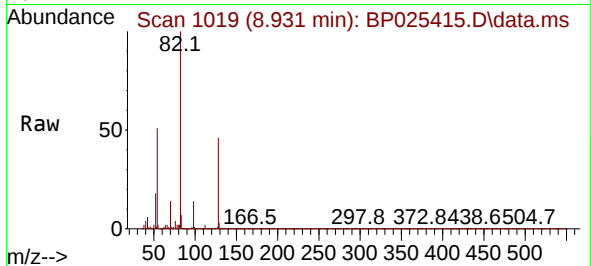




#23
Nitrobenzene-d5
Concen: 51.912 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

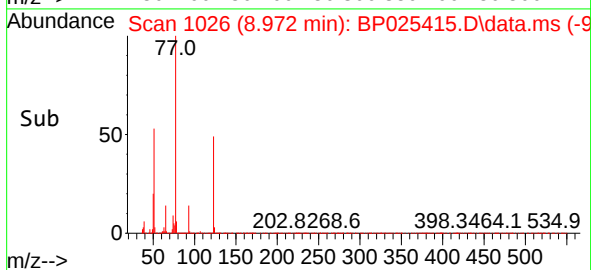
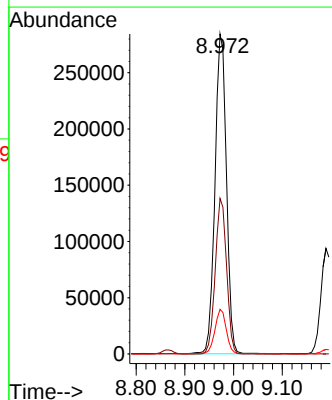
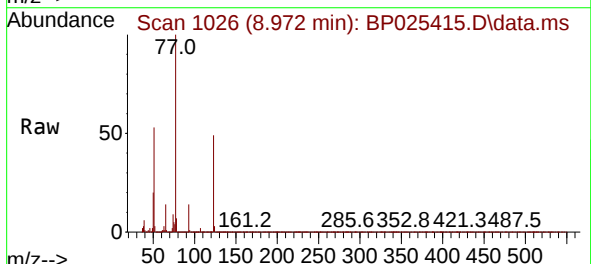
Instrument :
BNA_P
ClientSampleId :
88H-EMS

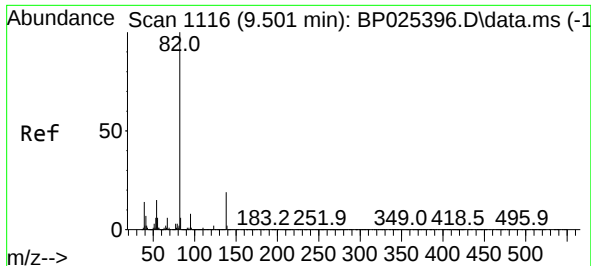
Tgt Ion: 82 Resp: 621723
Ion Ratio Lower Upper
82 100
128 45.6 37.7 56.5
54 51.1 39.8 59.6



#24
Nitrobenzene
Concen: 43.258 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 77 Resp: 463016
Ion Ratio Lower Upper
77 100
123 48.6 38.6 58.0
65 14.0 10.6 15.8

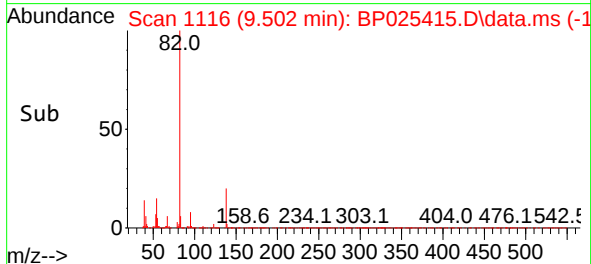
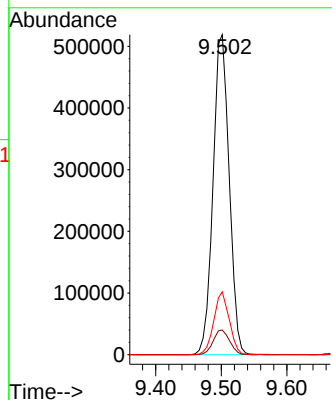
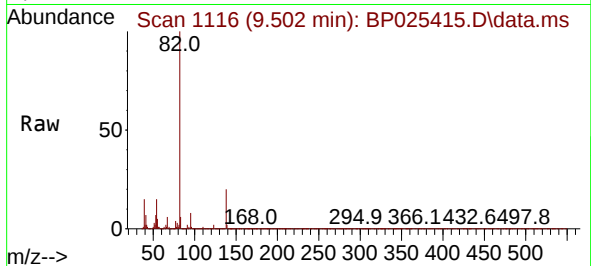




#25
Isophorone
Concen: 41.831 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

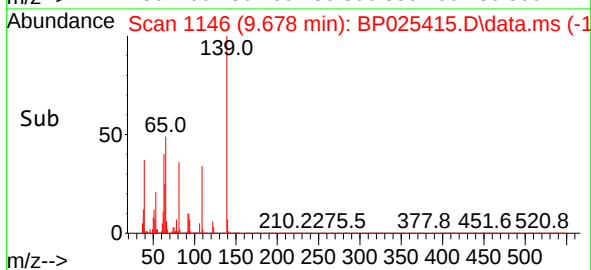
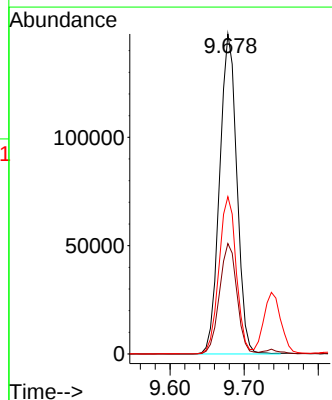
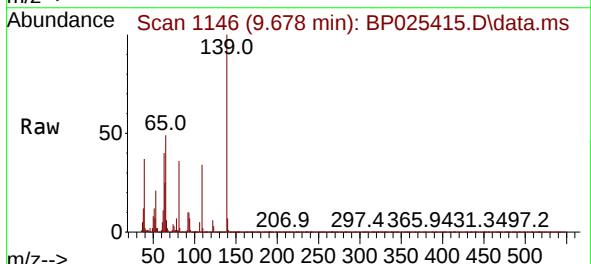
Instrument :
BNA_P
ClientSampleId :
88H-EMS

Tgt Ion: 82 Resp: 886621
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 19.7 15.4 23.0



#26
2-Nitrophenol
Concen: 43.463 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 139 Resp: 238745
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 49.1 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 45.989 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

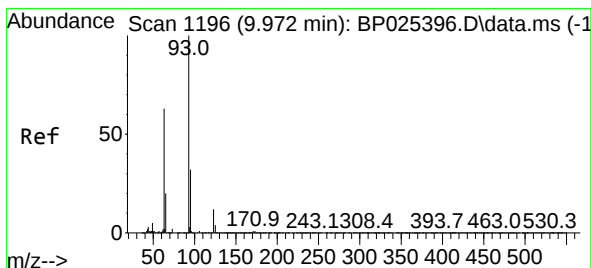
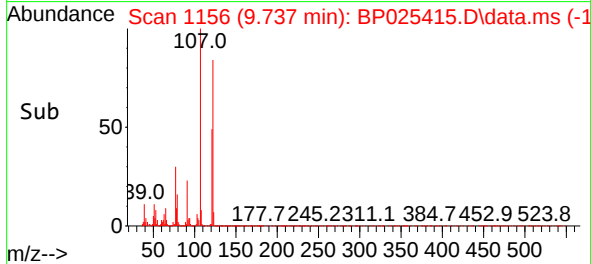
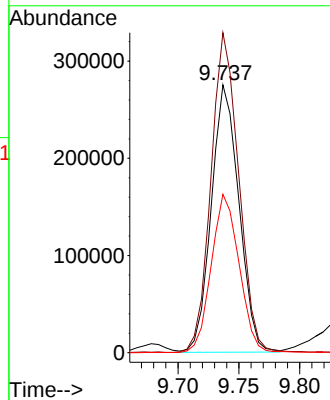
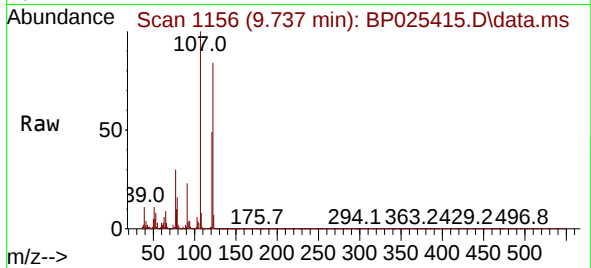
Tgt Ion:122 Resp: 434435

Ion Ratio Lower Upper

122 100

107 119.5 93.7 140.5

121 59.1 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.224 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

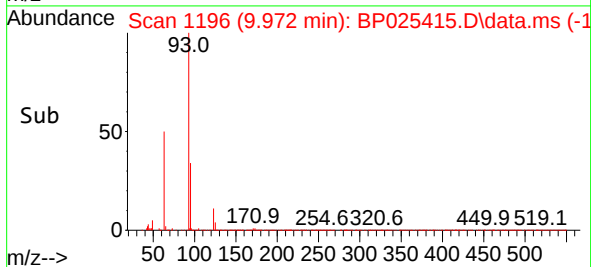
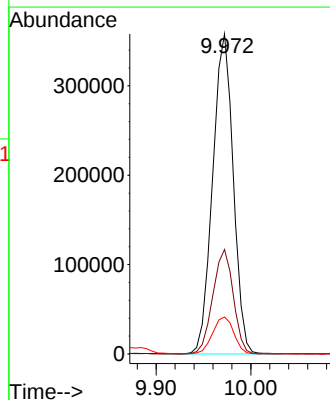
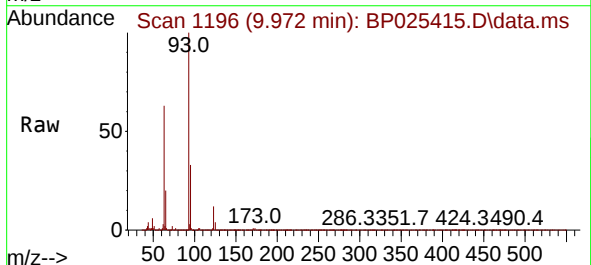
Tgt Ion: 93 Resp: 540971

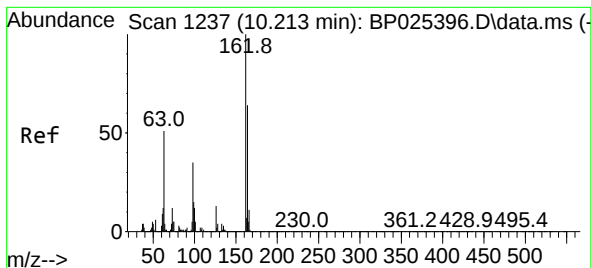
Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.651 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

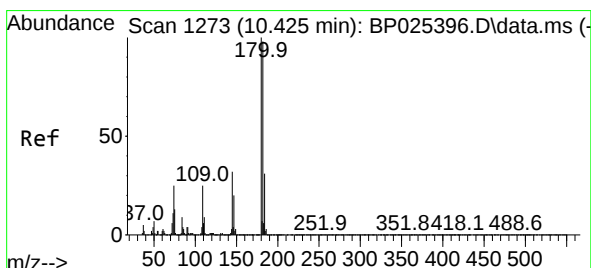
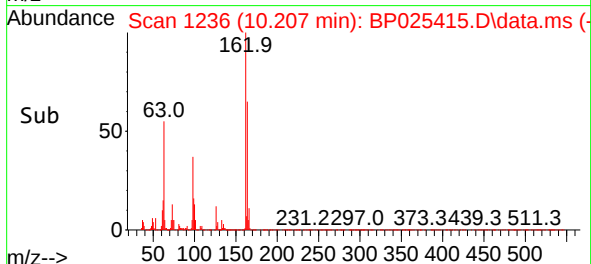
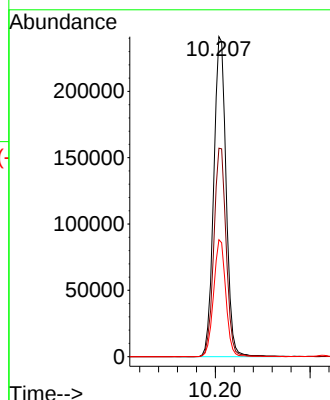
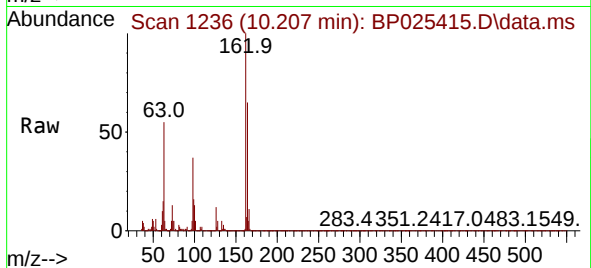
Tgt Ion:162 Resp: 437774

Ion Ratio Lower Upper

162 100

164 65.2 44.4 84.4

98 36.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 42.105 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

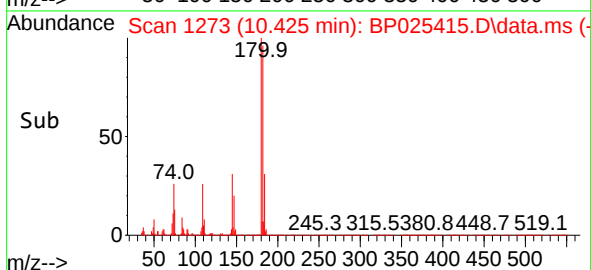
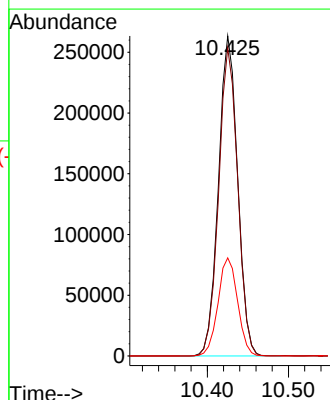
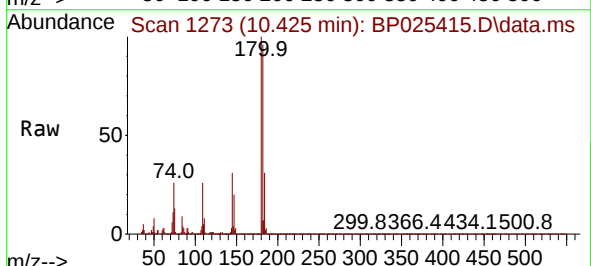
Tgt Ion:180 Resp: 433129

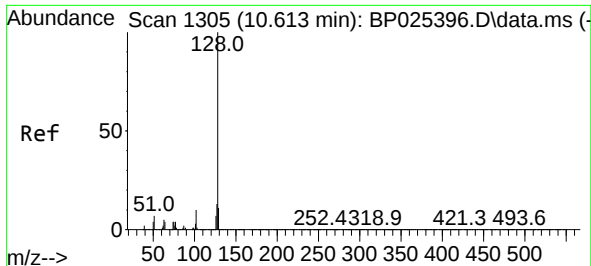
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 30.7 25.9 38.9

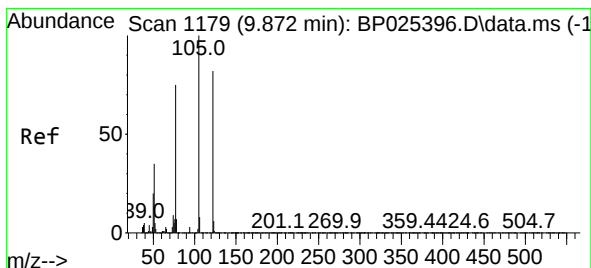
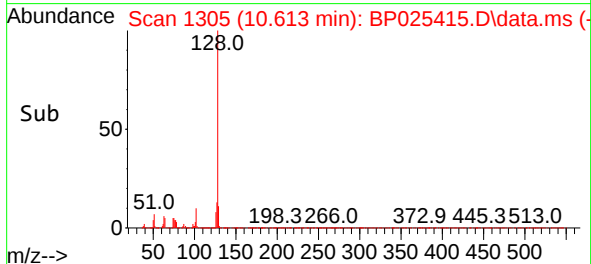
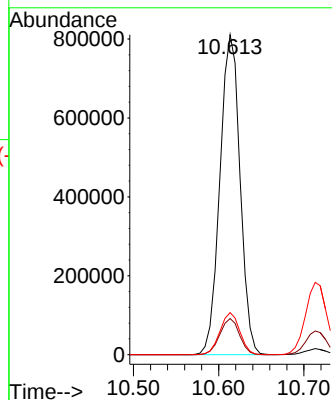
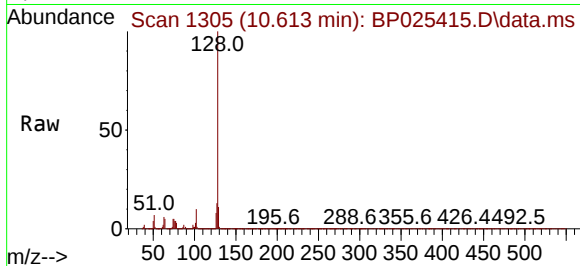




#31
Naphthalene
Concen: 42.238 ng
RT: 10.613 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

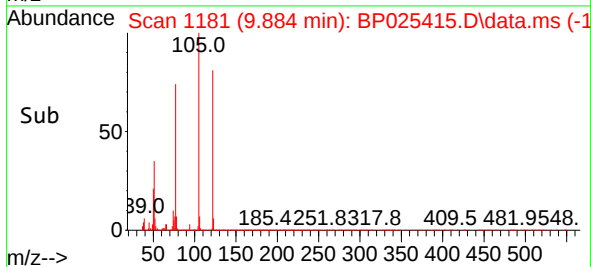
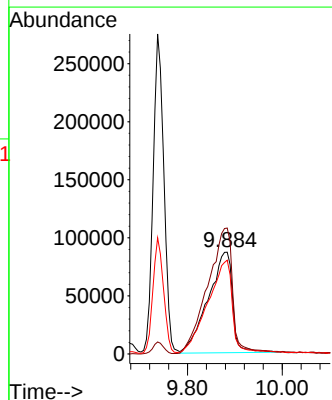
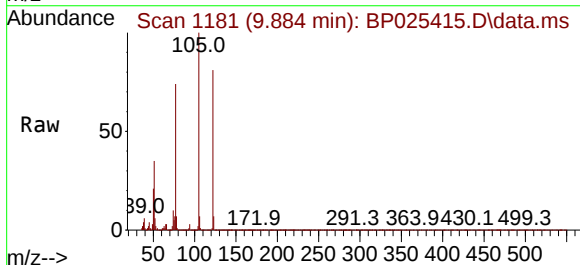
Instrument :
BNA_P
ClientSampleId :
88H-EMS

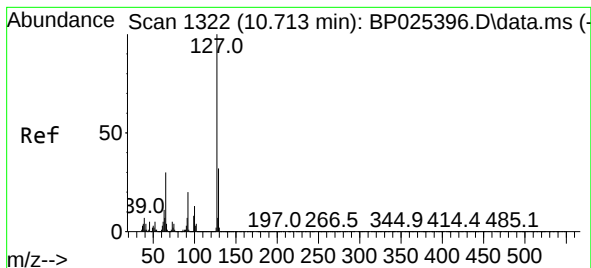
Tgt Ion:128 Resp: 1330005
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 44.638 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:122 Resp: 311312
Ion Ratio Lower Upper
122 100
105 123.6 100.6 140.6
77 92.0 71.5 111.5





#33

4-Chloroaniline

Concen: 23.081 ng

RT: 10.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:127 Resp: 321033

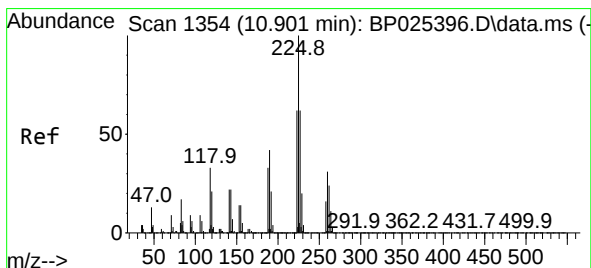
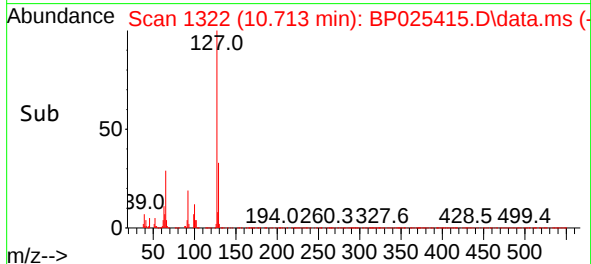
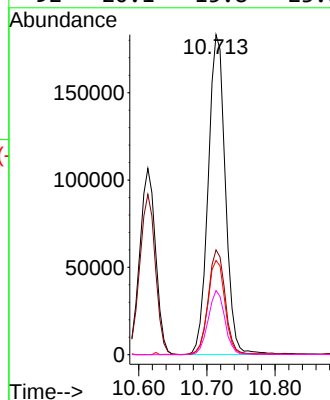
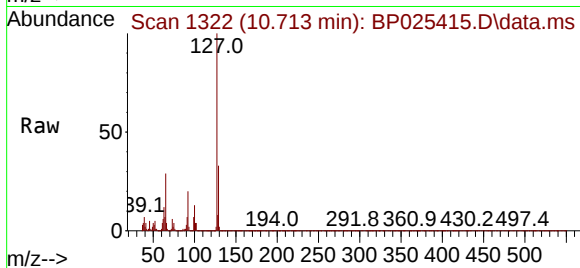
Ion Ratio Lower Upper

127 100

129 32.7 25.4 38.2

65 29.5 23.8 35.6

92 20.1 15.8 23.8



#34

Hexachlorobutadiene

Concen: 42.806 ng

RT: 10.901 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

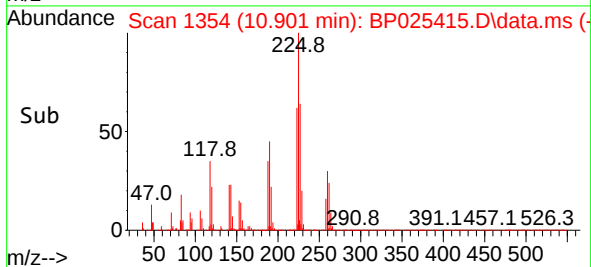
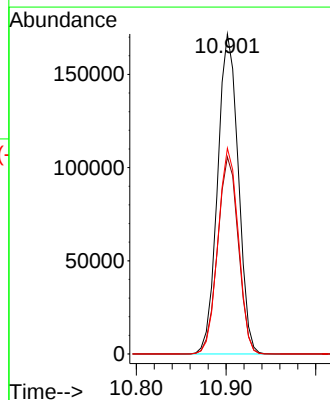
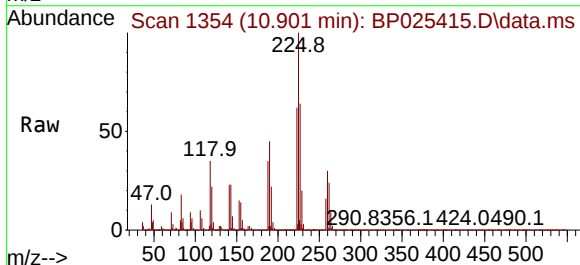
Tgt Ion:225 Resp: 274233

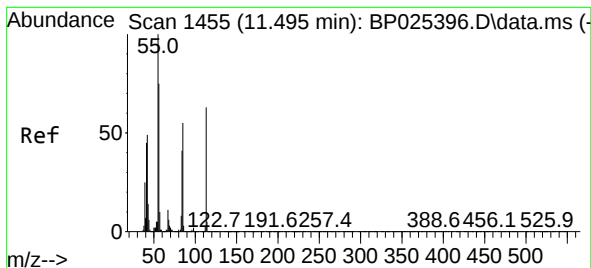
Ion Ratio Lower Upper

225 100

223 61.5 50.0 75.0

227 64.3 49.7 74.5





#35

Caprolactam

Concen: 43.572 ng

RT: 11.496 min Scan# 14

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

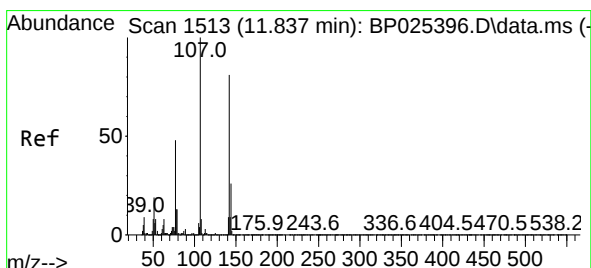
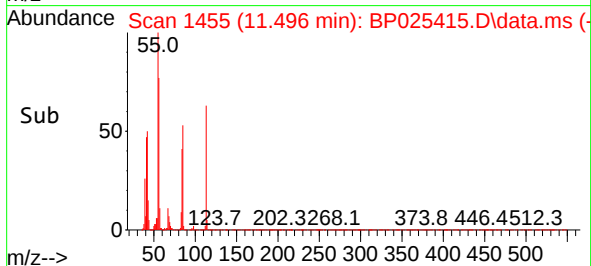
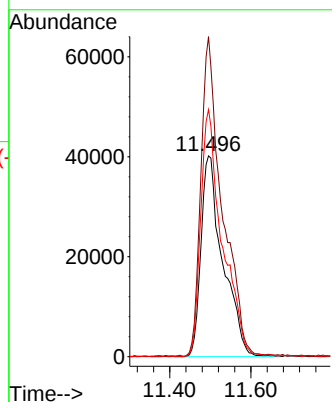
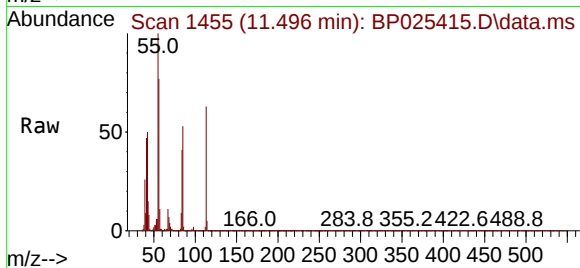
Tgt Ion:113 Resp: 149929

Ion Ratio Lower Upper

113 100

55 159.4 140.0 180.0

56 123.0 100.0 140.0



#36

4-Chloro-3-methylphenol

Concen: 45.638 ng

RT: 11.843 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

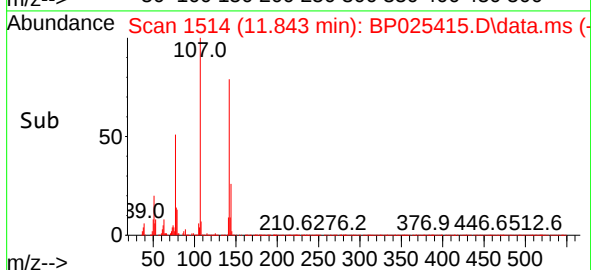
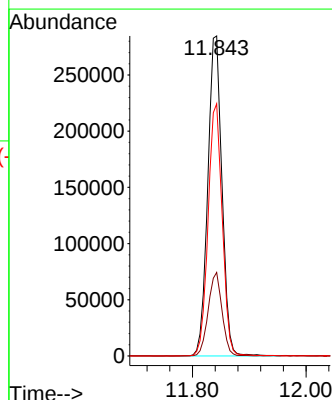
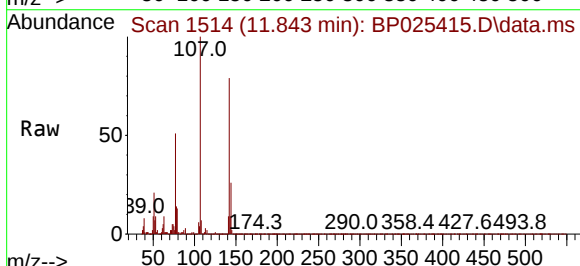
Tgt Ion:107 Resp: 491428

Ion Ratio Lower Upper

107 100

144 26.1 21.0 31.4

142 78.8 64.6 97.0

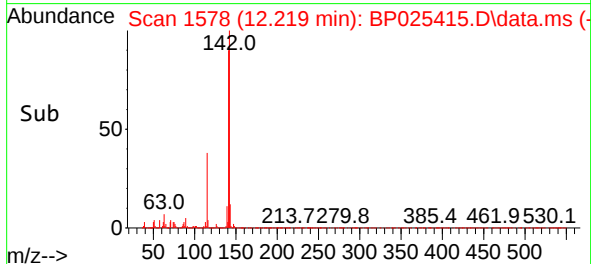
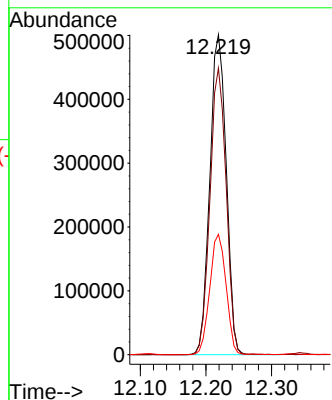
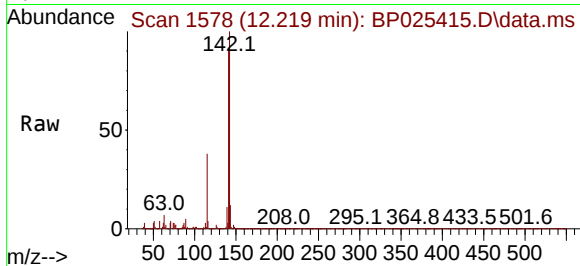




#37
2-Methylnaphthalene
Concen: 42.539 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

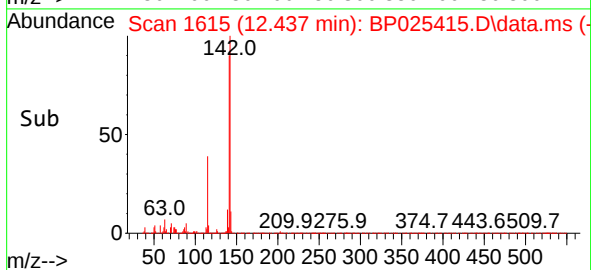
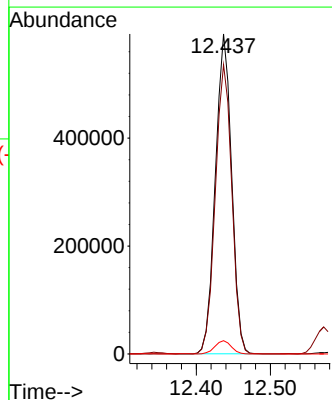
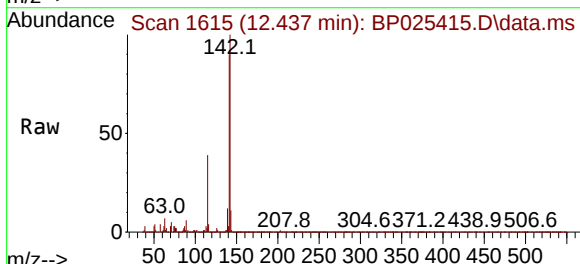
Instrument :
BNA_P
ClientSampleId :
88H-EMS

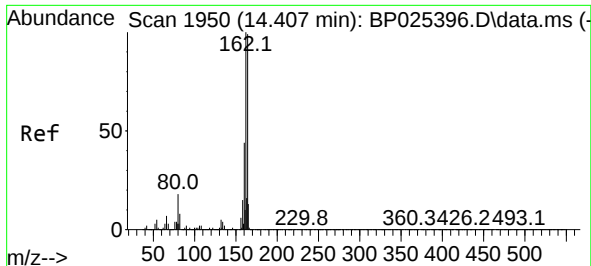
Tgt Ion:142 Resp: 871694
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 37.6 28.9 43.3



#38
1-Methylnaphthalene
Concen: 41.432 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:142 Resp: 902892
Ion Ratio Lower Upper
142 100
141 90.4 73.1 109.7
116 4.2 3.2 4.8

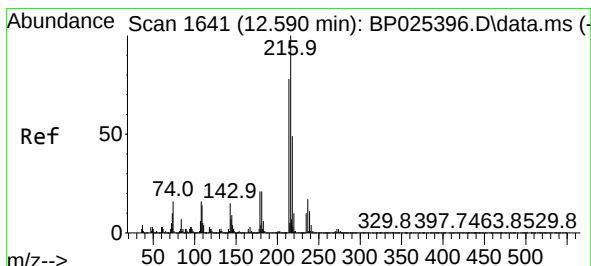
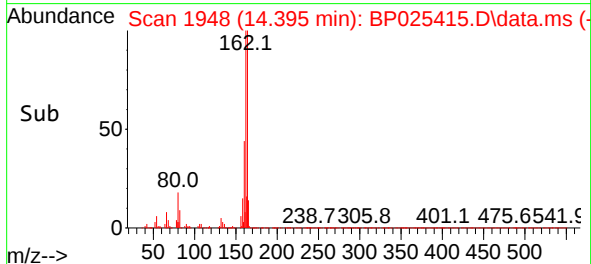
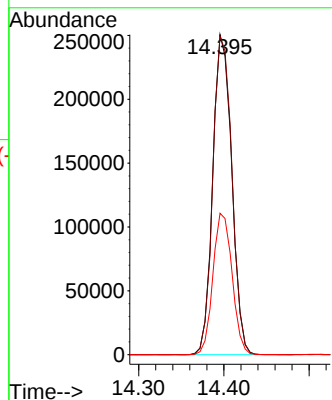
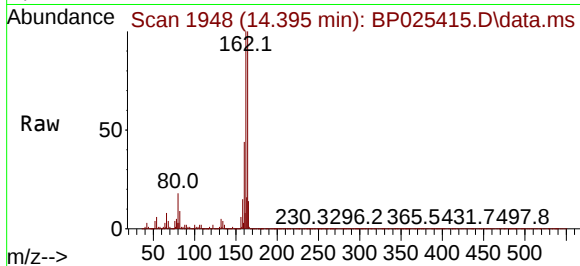




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

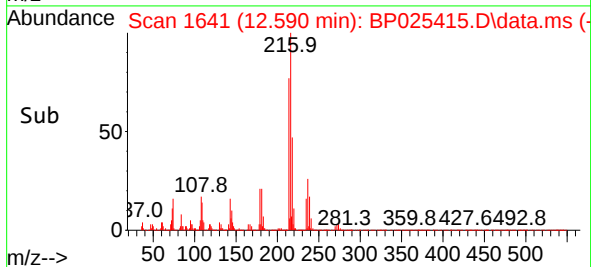
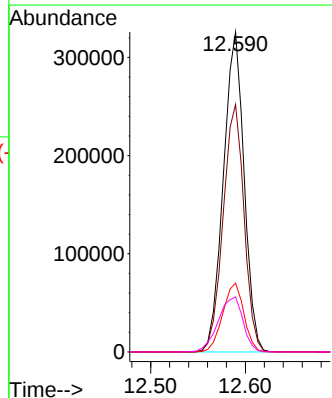
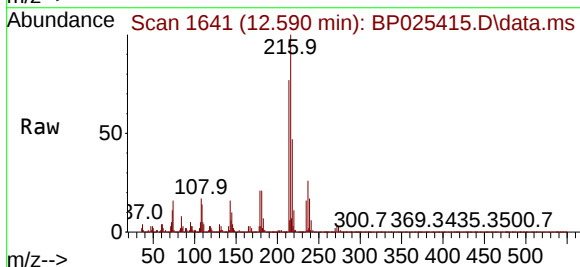
Instrument :
BNA_P
ClientSampleId :
88H-EMS

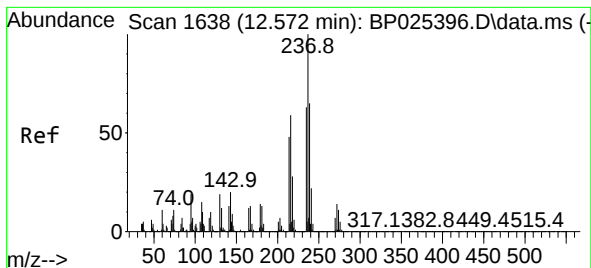
Tgt Ion:164 Resp: 386320
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.6
160 44.2 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.368 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:216 Resp: 495028
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 22.0 17.1 25.7
108 20.6 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 87.099 ng

RT: 12.572 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

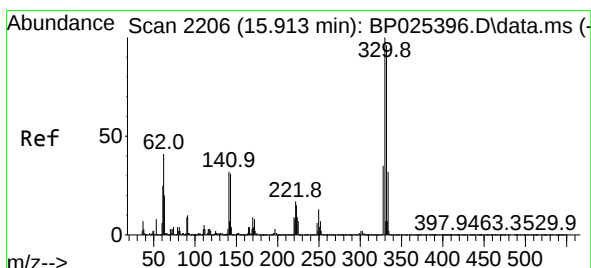
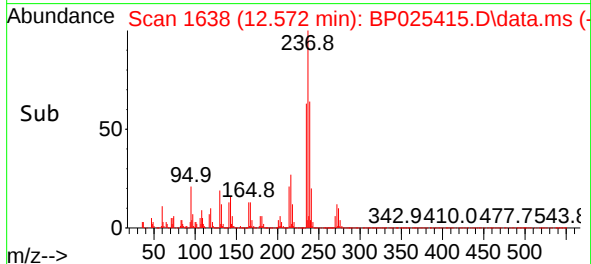
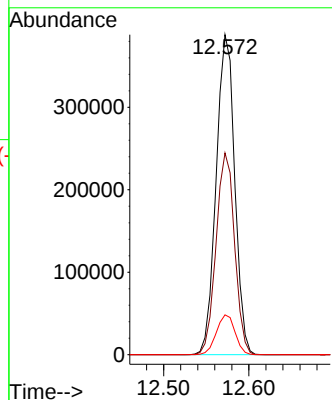
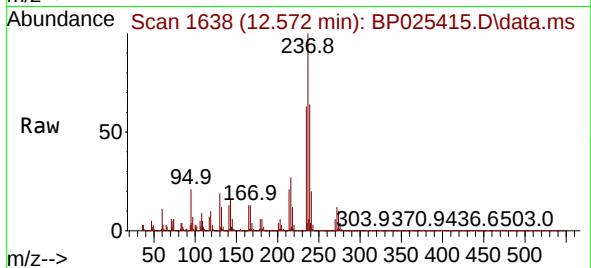
Tgt Ion:237 Resp: 587000

Ion Ratio Lower Upper

237 100

235 63.0 42.7 82.7

272 12.4 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 84.833 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

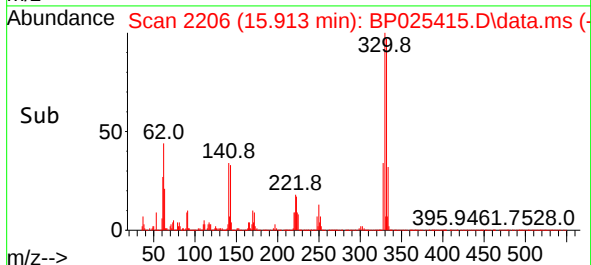
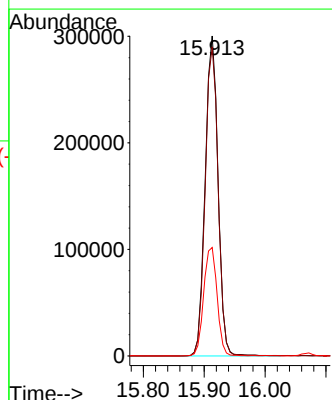
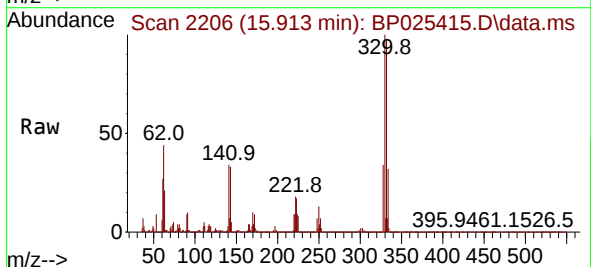
Tgt Ion:330 Resp: 441123

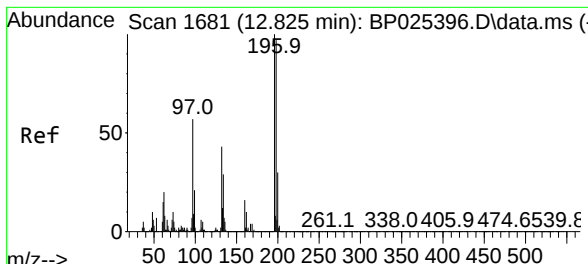
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 35.4 26.6 39.8



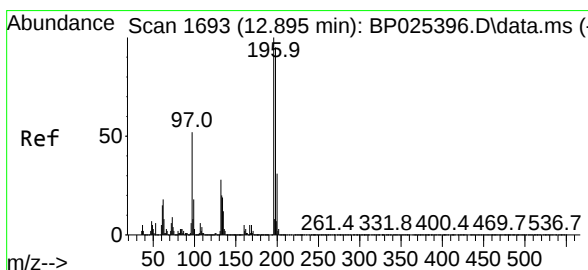
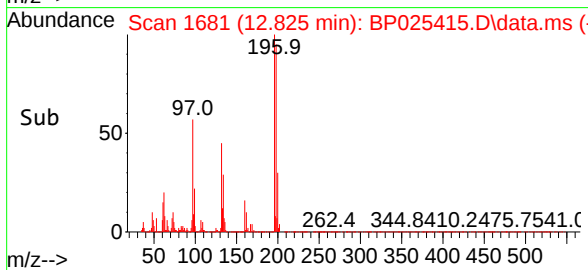
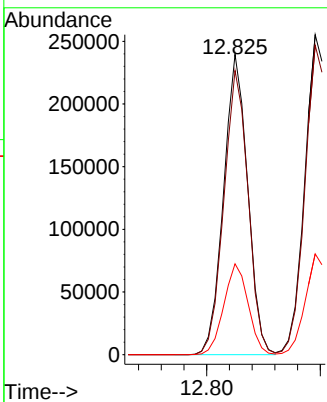
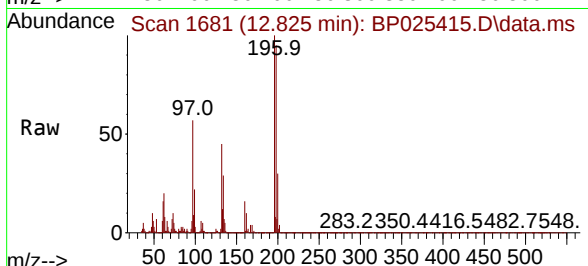


#43
 2,4,6-Trichlorophenol
 Concen: 46.764 ng
 RT: 12.825 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BP025415.D
 Acq: 15 Aug 2025 05:48

Instrument :
 BNA_P
 ClientSampleId :
 88H-EMS

Tgt Ion:196 Resp: 352250

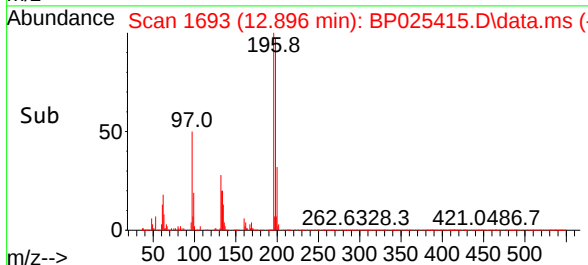
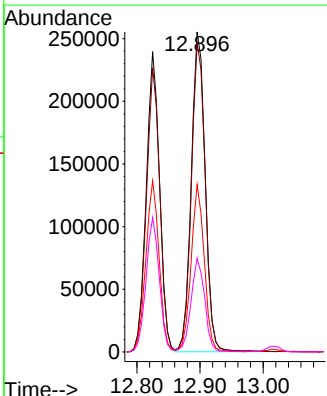
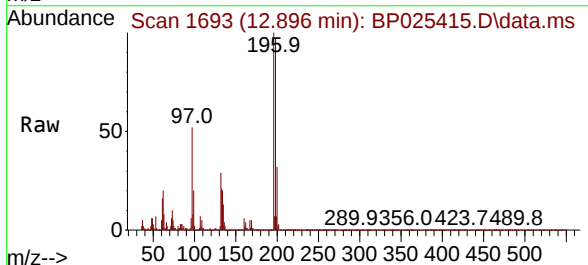
Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.2	115.8
200	30.3	23.9	35.9

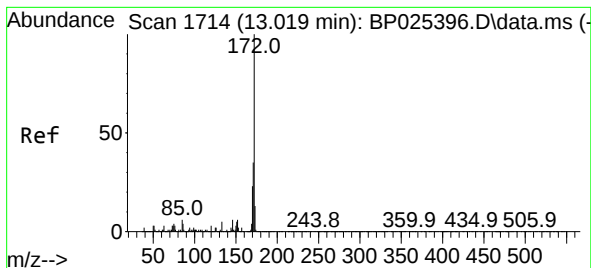


#44
 2,4,5-Trichlorophenol
 Concen: 47.317 ng
 RT: 12.896 min Scan# 1693
 Delta R.T. 0.000 min
 Lab File: BP025415.D
 Acq: 15 Aug 2025 05:48

Tgt Ion:196 Resp: 390615

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.2
97	52.3	41.2	61.8
132	29.2	22.6	34.0





#45

2-Fluorobiphenyl

Concen: 49.758 ng

RT: 13.019 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

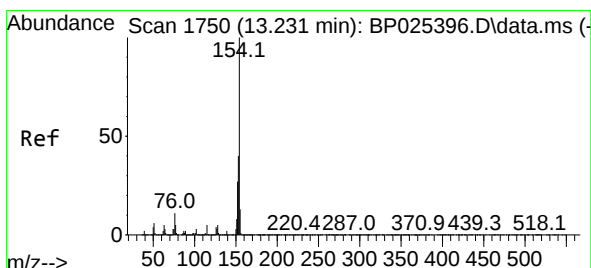
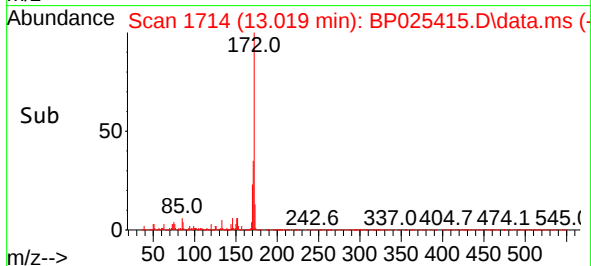
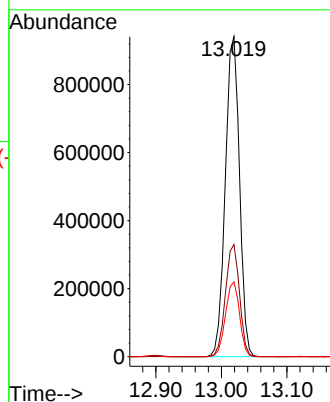
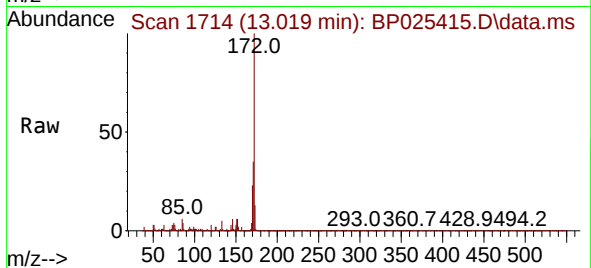
Tgt Ion:172 Resp: 1406520

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 44.583 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

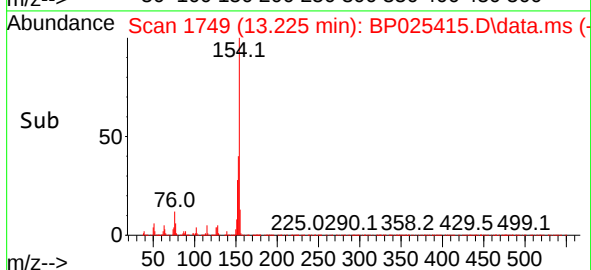
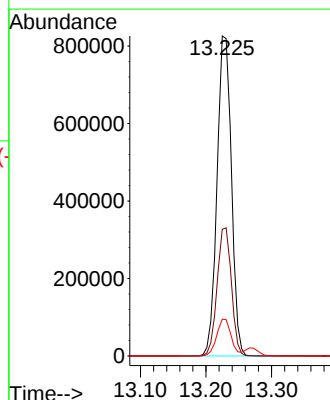
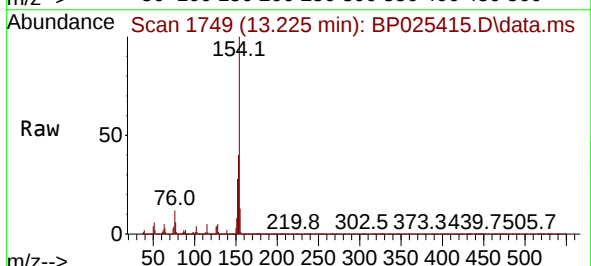
Tgt Ion:154 Resp: 1250868

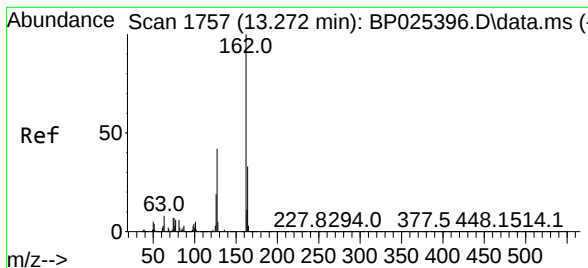
Ion Ratio Lower Upper

154 100

153 39.6 19.5 59.5

76 11.5 0.0 31.1

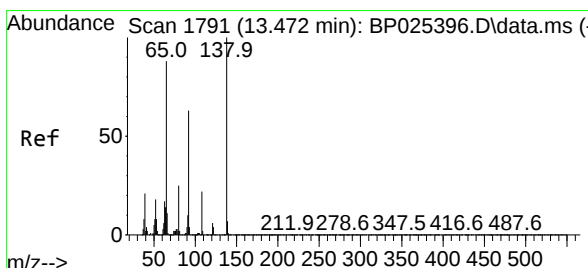
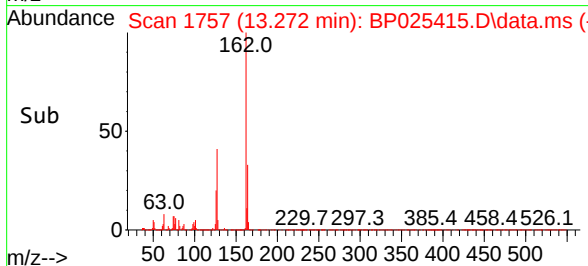
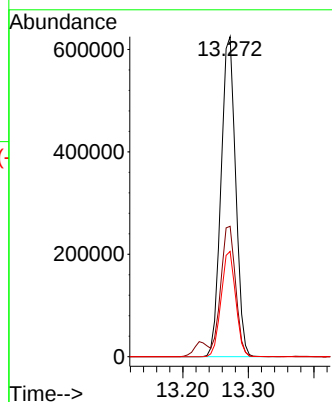
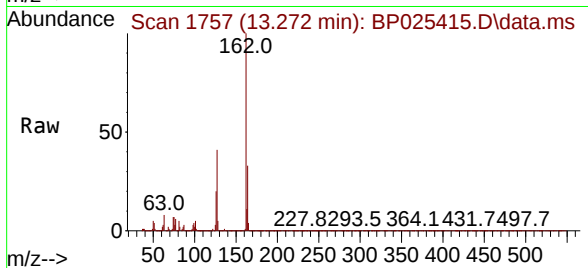




#47
2-Chloronaphthalene
Concen: 44.103 ng
RT: 13.272 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

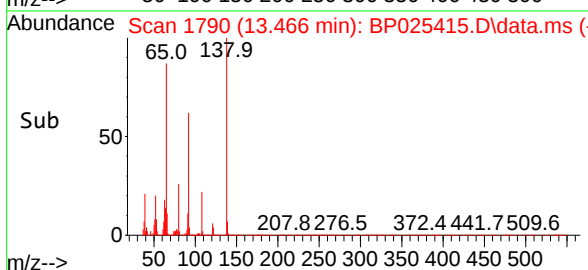
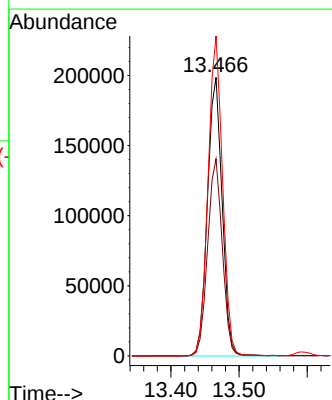
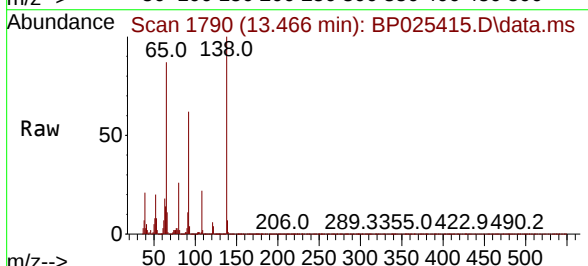
Instrument :
BNA_P
ClientSampleId :
88H-EMS

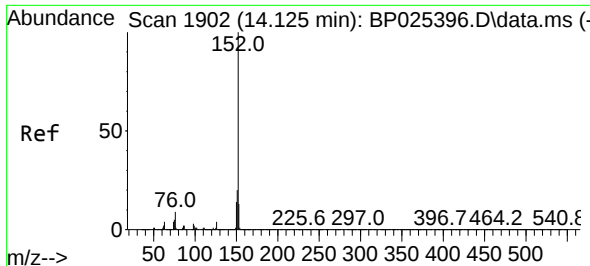
Tgt Ion:162 Resp: 963302
Ion Ratio Lower Upper
162 100
127 40.8 33.4 50.2
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 46.787 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 65 Resp: 297760
Ion Ratio Lower Upper
65 100
92 70.7 57.6 86.4
138 114.9 91.0 136.6

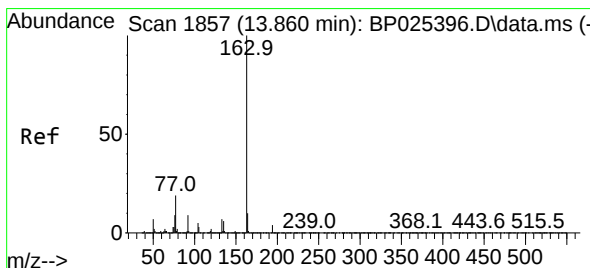
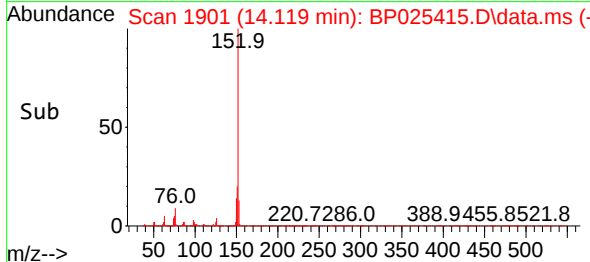
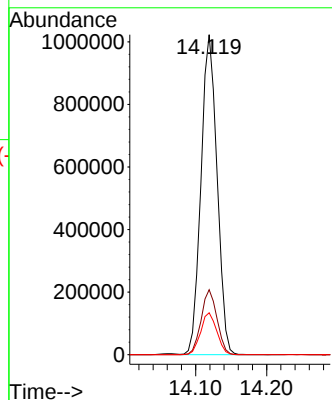
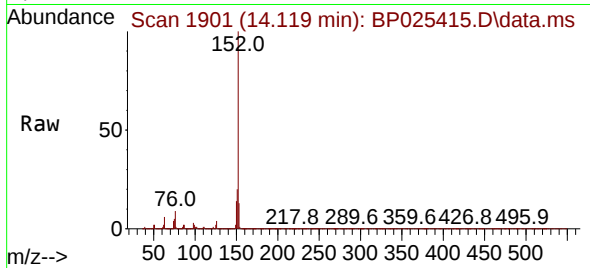




#49
Acenaphthylene
Concen: 44.601 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

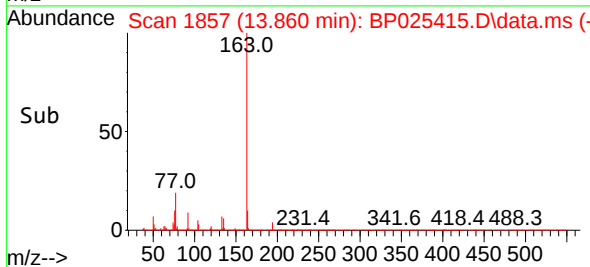
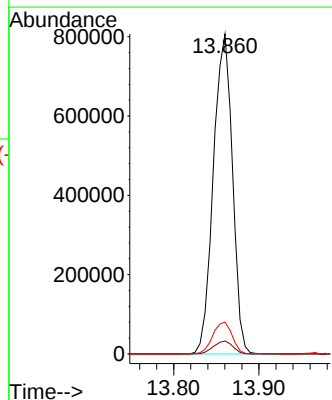
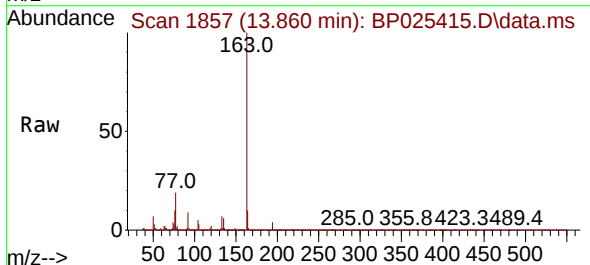
Instrument :
BNA_P
ClientSampleId :
88H-EMS

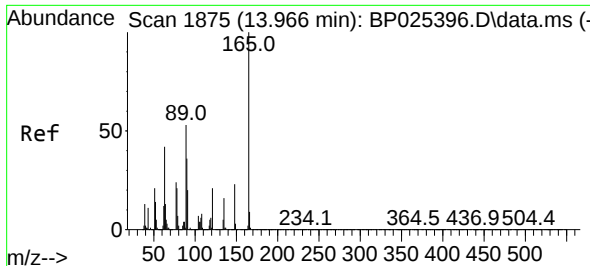
Tgt Ion:152 Resp: 1611999
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 44.335 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:163 Resp: 1254219
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 7.9 11.9

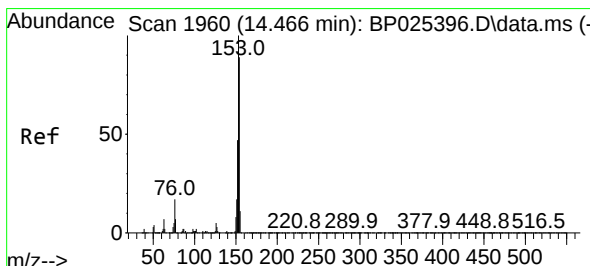
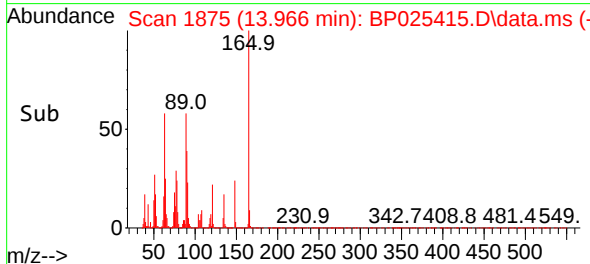
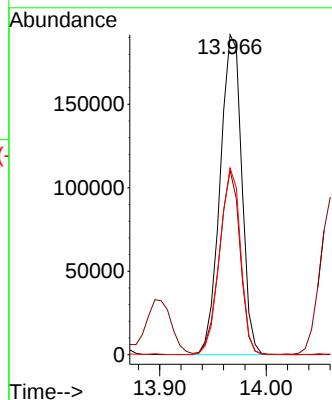
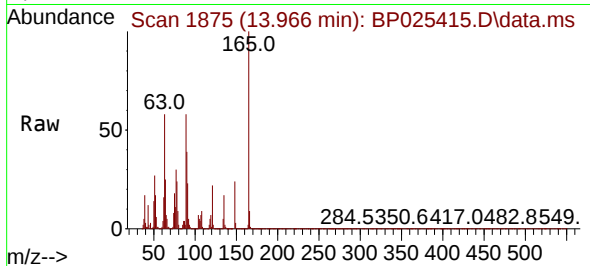




#51
2,6-Dinitrotoluene
Concen: 45.226 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

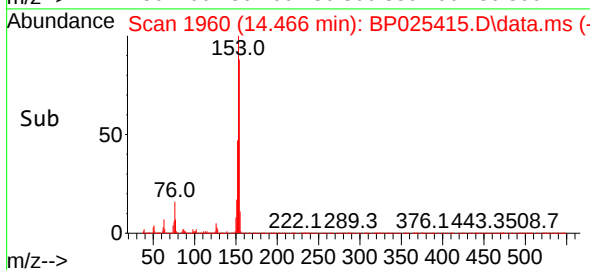
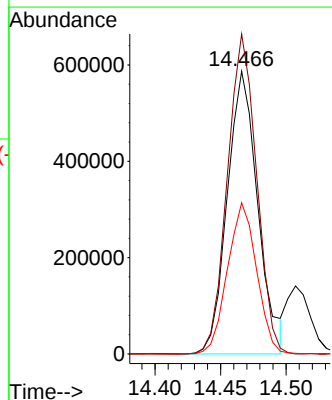
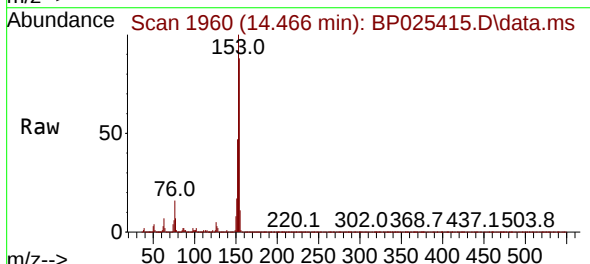
Instrument :
BNA_P
ClientSampleId :
88H-EMS

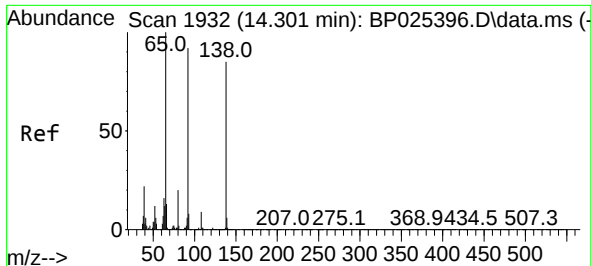
Tgt Ion:165 Resp: 269670
Ion Ratio Lower Upper
165 100
63 57.6 40.9 61.3
89 58.4 42.1 63.1



#52
Acenaphthene
Concen: 44.752 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:154 Resp: 949405
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.2
152 53.5 42.1 63.1

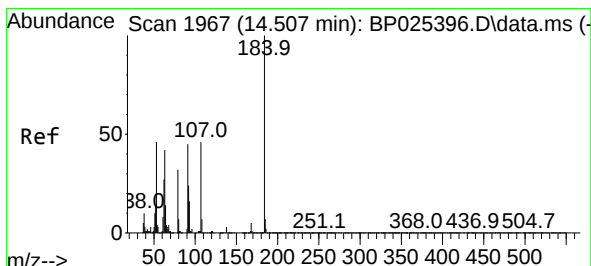
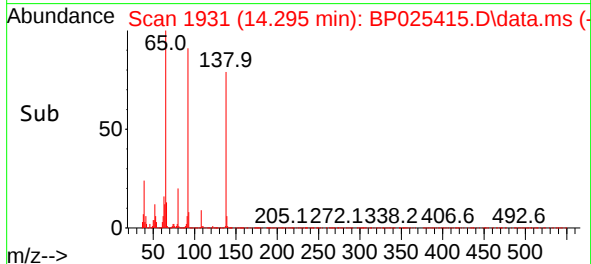
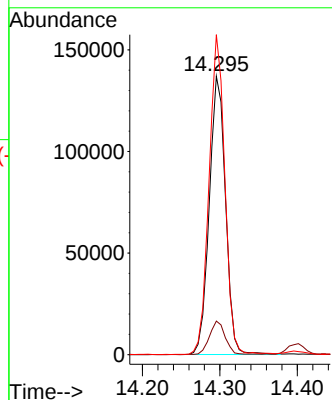
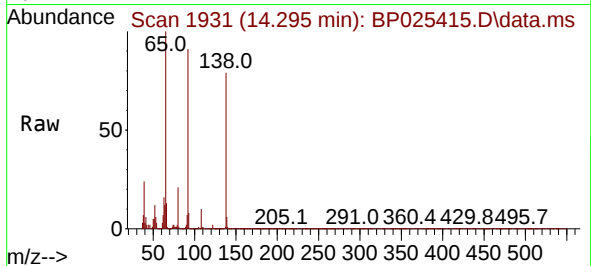




#53
3-Nitroaniline
Concen: 29.801 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

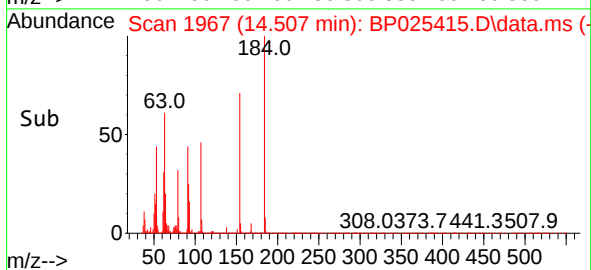
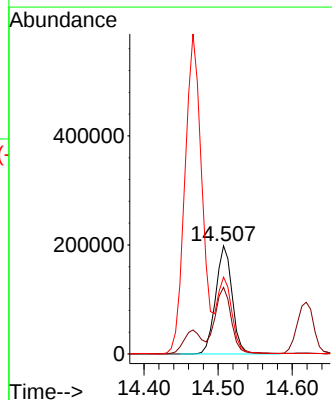
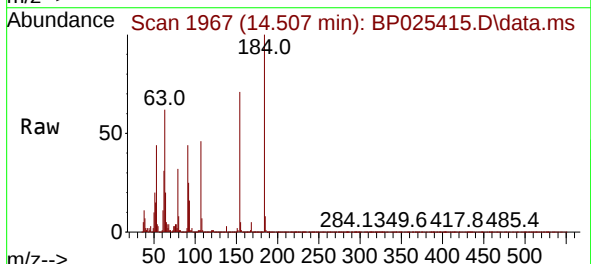
Instrument :
BNA_P
ClientSampleId :
88H-EMS

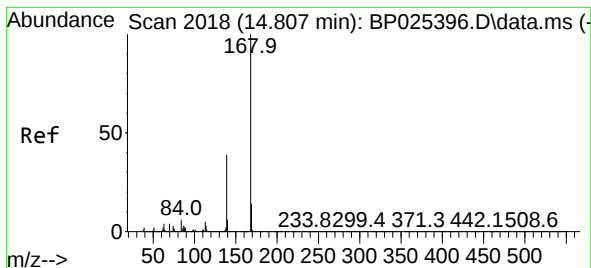
Tgt Ion:138 Resp: 199924
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 114.9 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 96.691 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:184 Resp: 307887
Ion Ratio Lower Upper
184 100
63 61.6 49.4 74.2
154 71.1 54.6 82.0

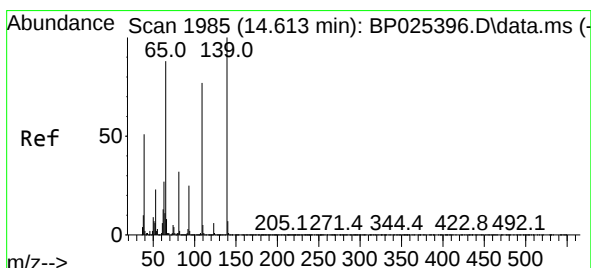
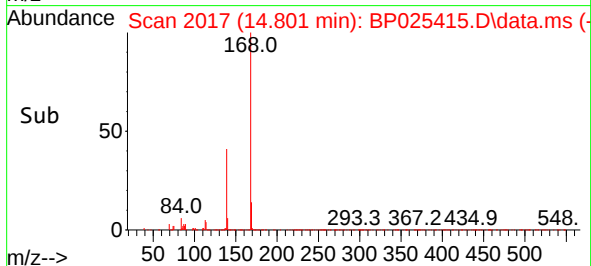
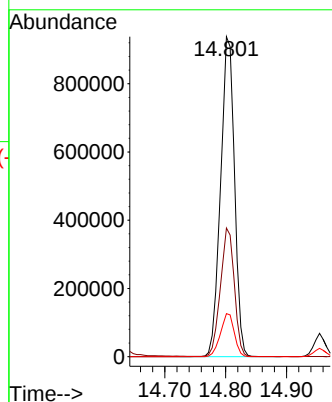
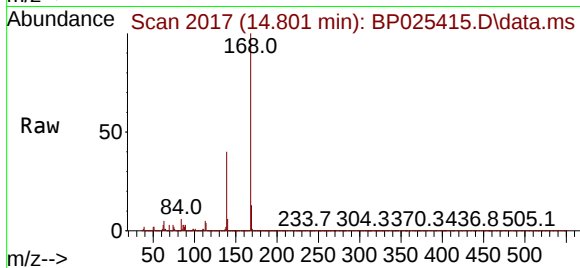




#55
Dibenzenofuran
Concen: 44.417 ng
RT: 14.801 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

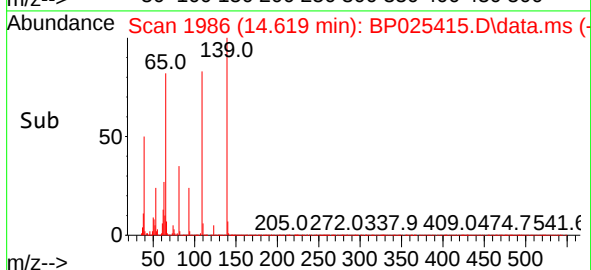
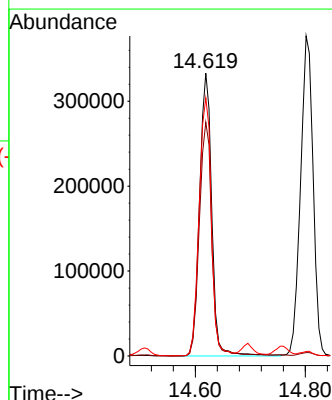
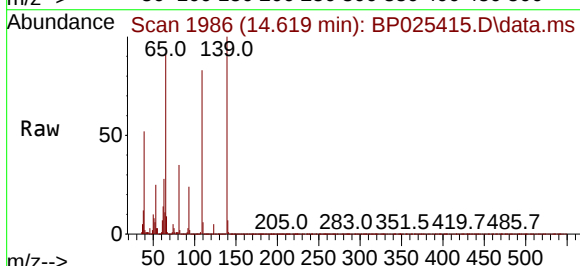
Instrument :
BNA_P
ClientSampleId :
88H-EMS

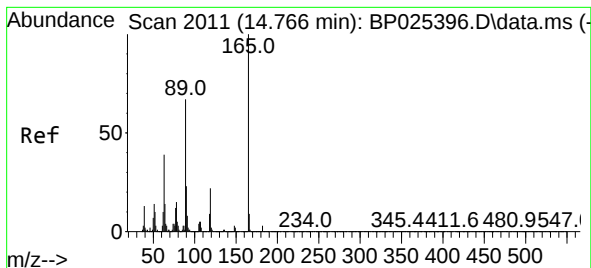
Tgt Ion:168 Resp: 1489789
Ion Ratio Lower Upper
168 100
139 40.2 31.5 47.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 93.200 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:139 Resp: 513780
Ion Ratio Lower Upper
139 100
109 82.7 56.6 96.6
65 91.3 68.2 108.2

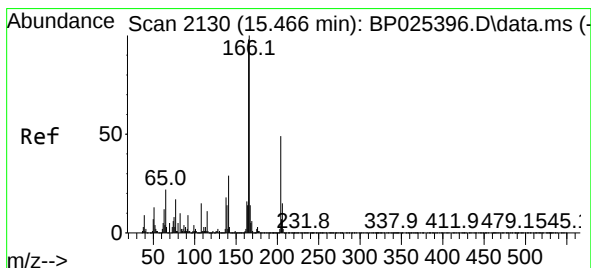
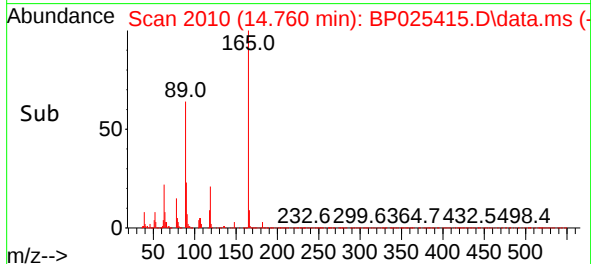
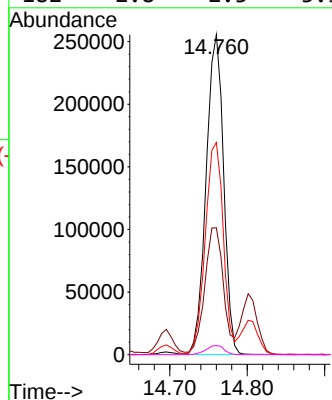
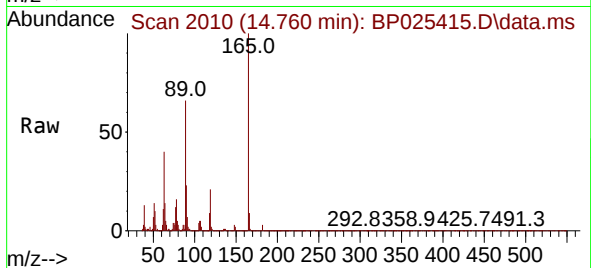




#57
2,4-Dinitrotoluene
Concen: 47.011 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

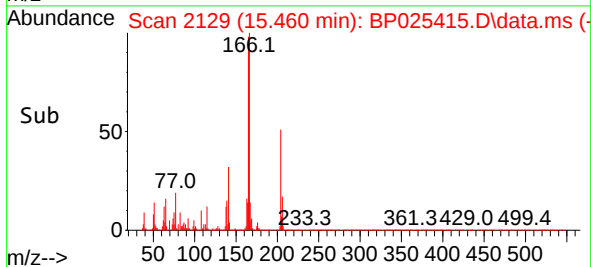
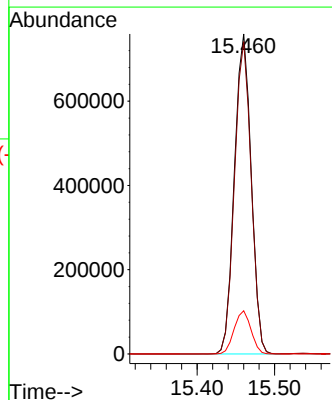
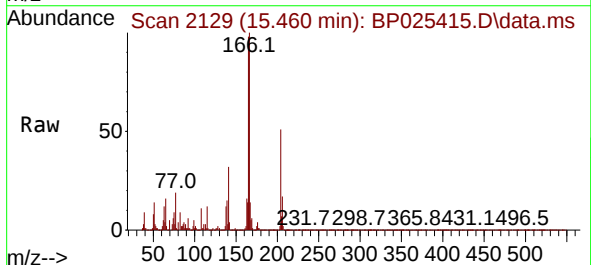
Instrument :
BNA_P
ClientSampleId :
88H-EMS

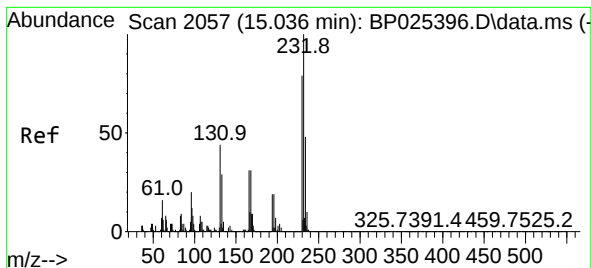
Tgt Ion:165 Resp: 399936
Ion Ratio Lower Upper
165 100
63 39.7 31.4 47.2
89 66.3 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.175 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:166 Resp: 1142677
Ion Ratio Lower Upper
166 100
165 97.6 78.8 118.2
167 13.5 11.0 16.4

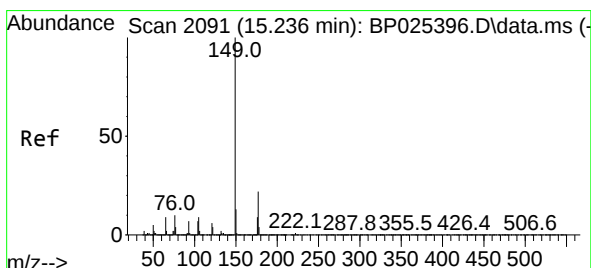
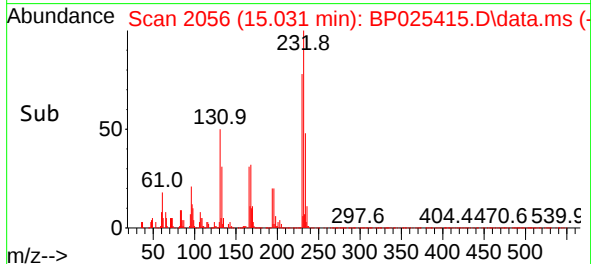
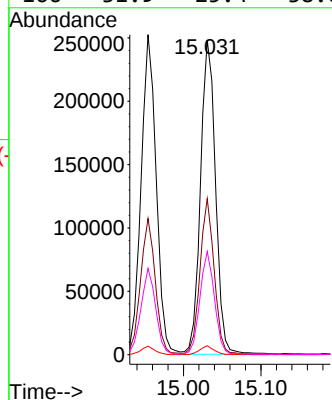
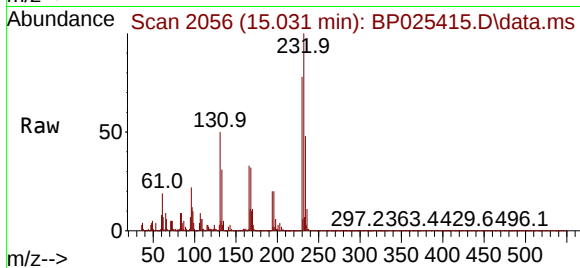




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.866 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

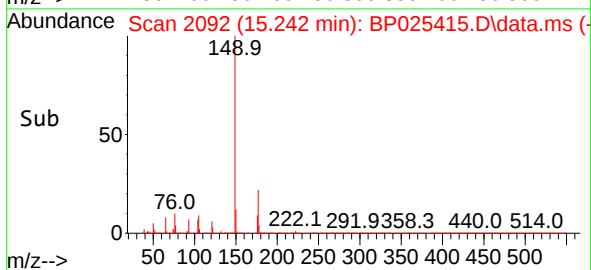
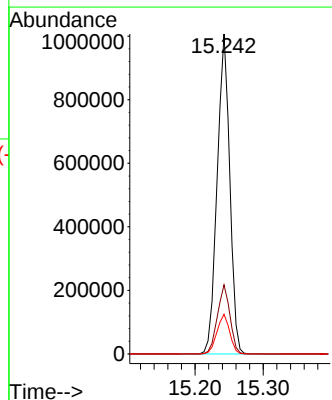
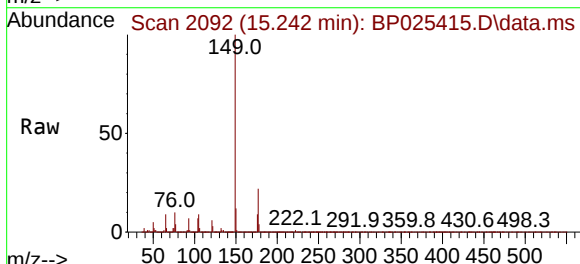
Instrument :
BNA_P
ClientSampleId :
88H-EMS

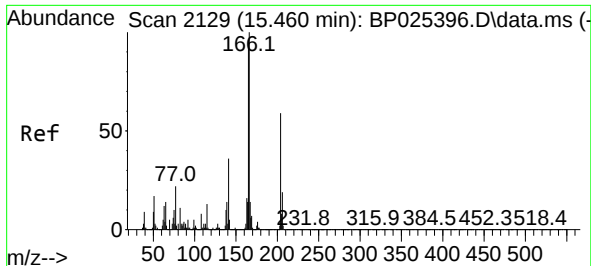
Tgt Ion:232 Resp: 334331
Ion Ratio Lower Upper
232 100
131 47.0 37.0 55.6
130 2.7 1.9 2.9
166 31.9 25.4 38.0



#60
Diethylphthalate
Concen: 44.982 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:149 Resp: 1293019
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.4 10.3 15.5

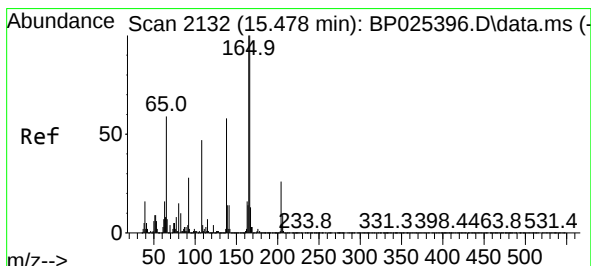
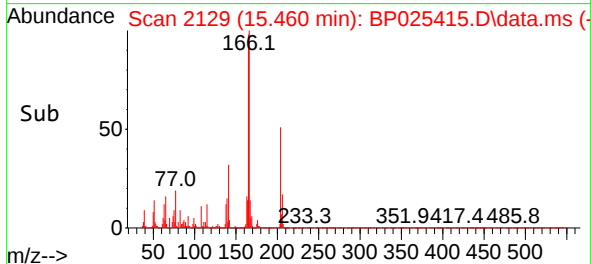
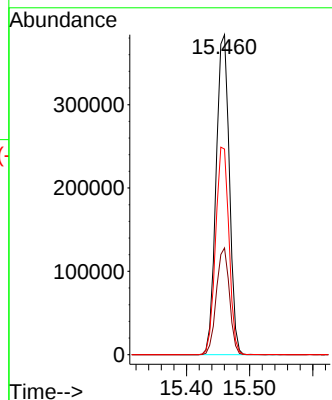
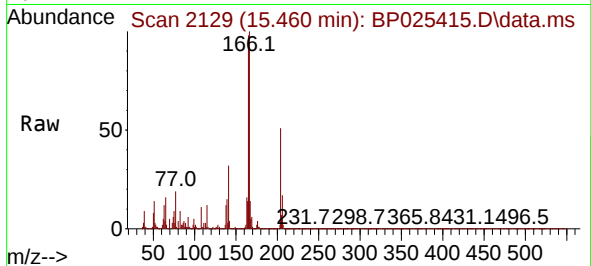




#61
4-Chlorophenyl-phenylether
Concen: 42.468 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

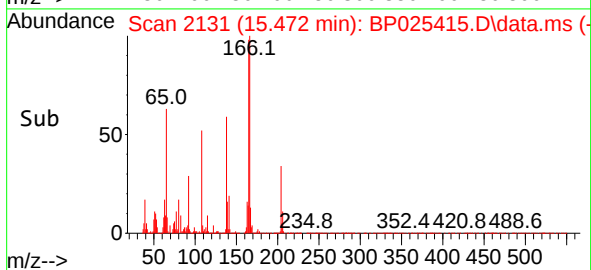
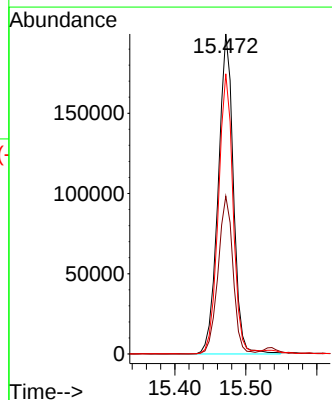
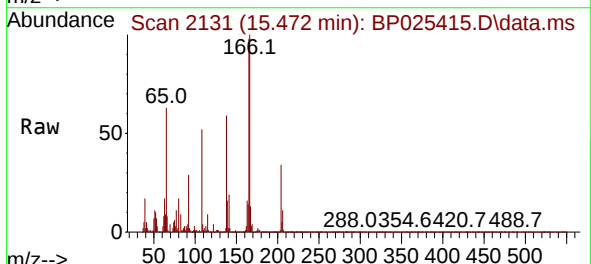
Instrument :
BNA_P
ClientSampleId :
88H-EMS

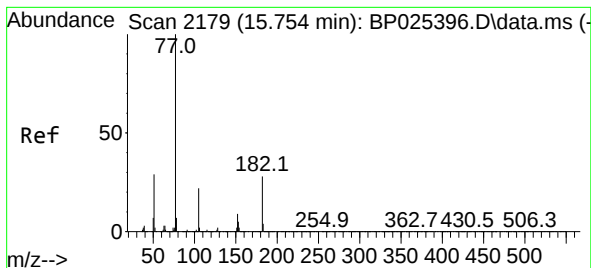
Tgt Ion:204 Resp: 558984
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 64.3 49.4 74.2



#62
4-Nitroaniline
Concen: 43.007 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:138 Resp: 295780
Ion Ratio Lower Upper
138 100
92 49.3 29.1 69.1
108 87.5 61.5 101.5





#63

Azobenzene

Concen: 48.126 ng

RT: 15.754 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion: 77 Resp: 1184564

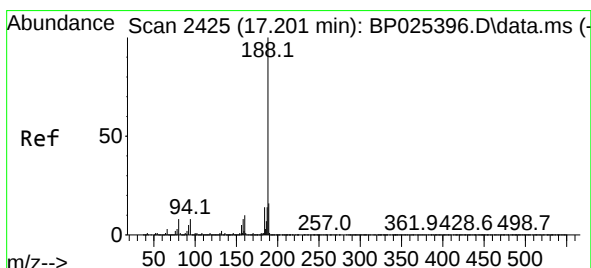
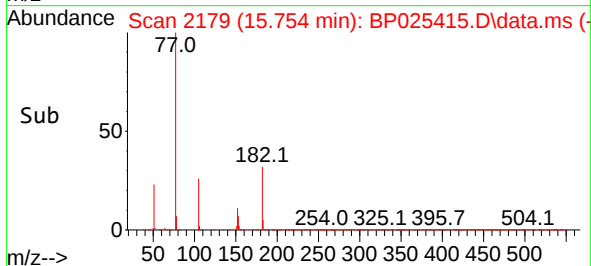
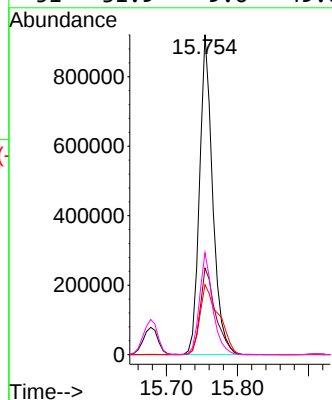
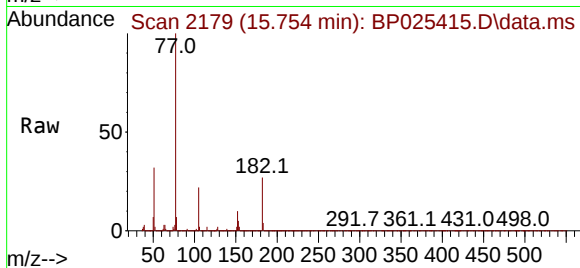
Ion Ratio Lower Upper

77 100

182 27.0 7.5 47.5

105 21.9 2.1 42.1

51 31.9 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

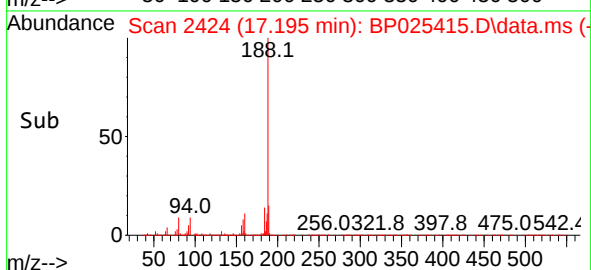
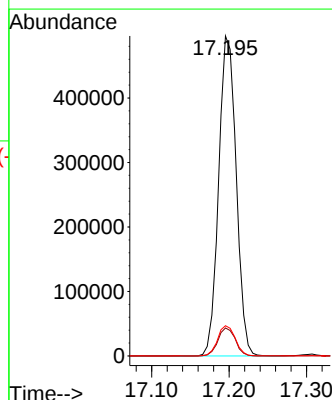
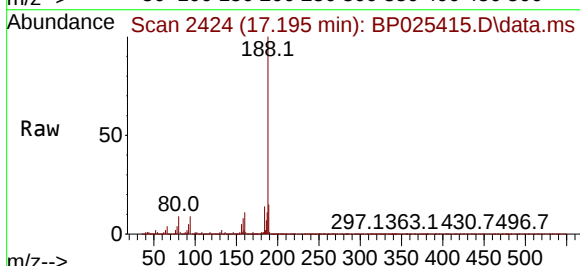
Tgt Ion:188 Resp: 780287

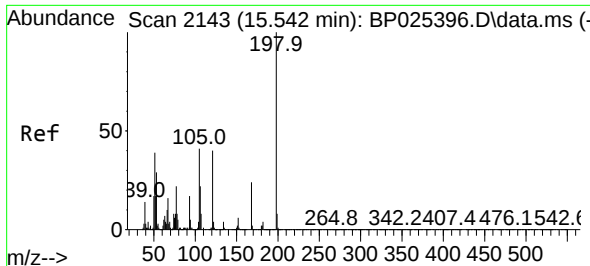
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.5 6.7 10.1

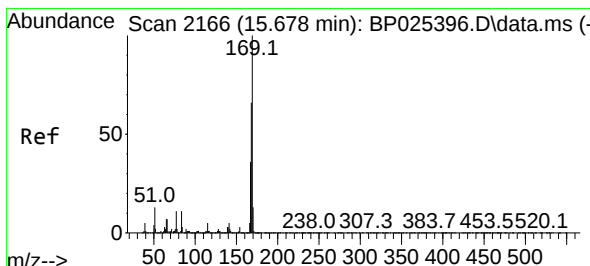
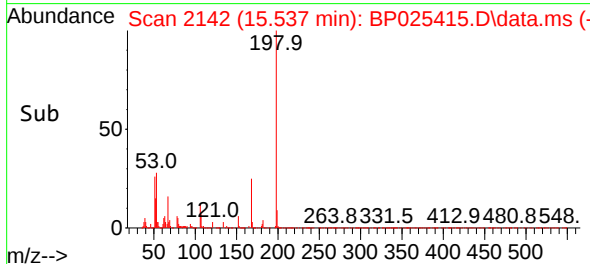
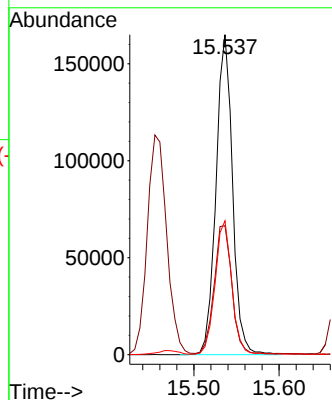
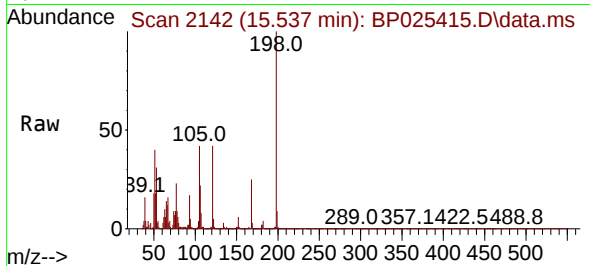




#65
4,6-Dinitro-2-methylphenol
Concen: 45.637 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

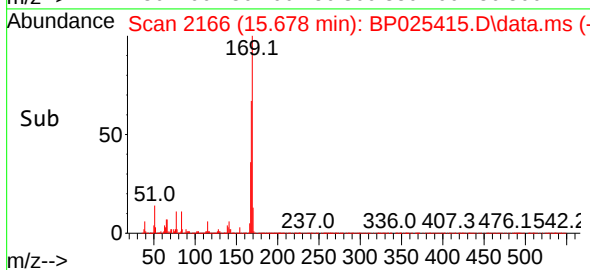
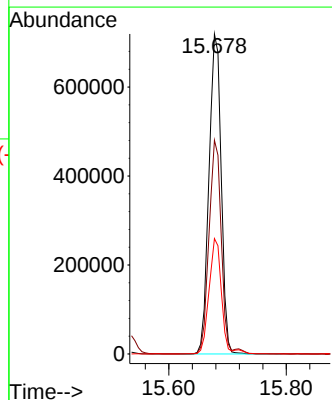
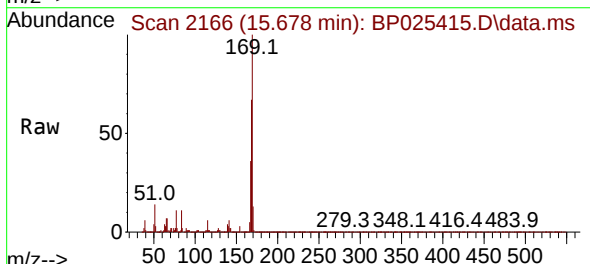
Instrument :
BNA_P
ClientSampleId :
88H-EMS

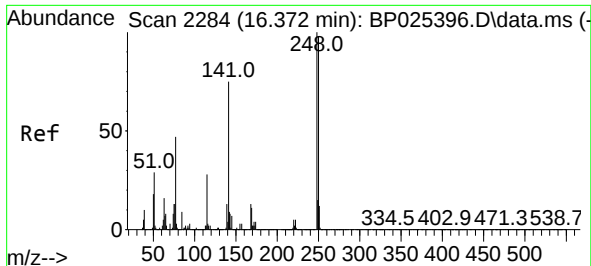
Tgt Ion:198 Resp: 221973
Ion Ratio Lower Upper
198 100
51 40.3 19.6 59.6
105 41.9 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 43.502 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:169 Resp: 1035094
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.1 28.7 43.1

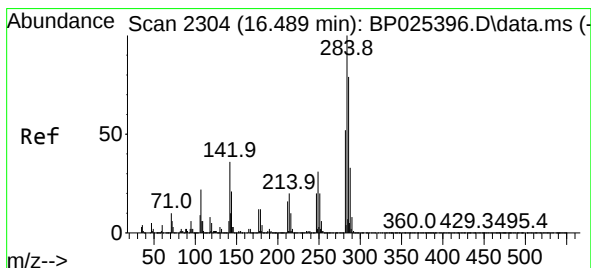
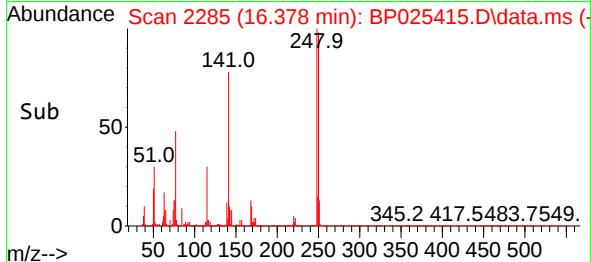
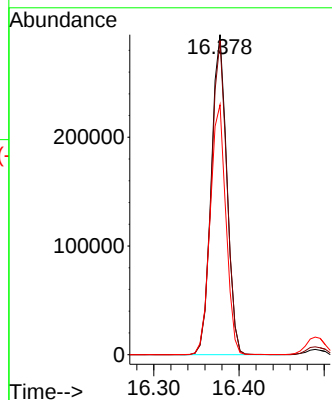
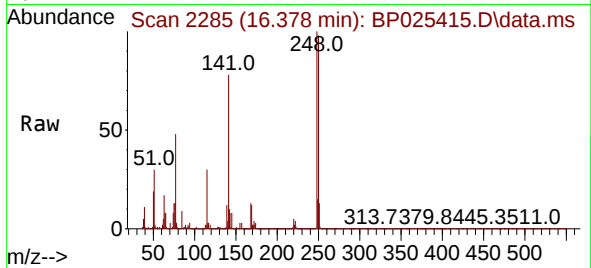




#67
4-Bromophenyl-phenylether
Concen: 43.613 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

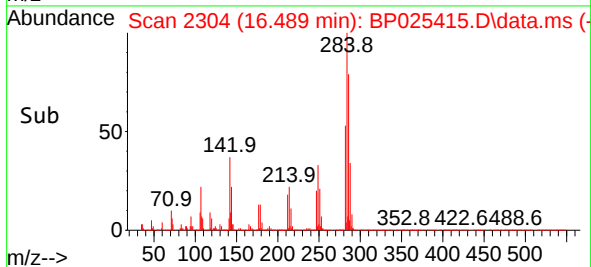
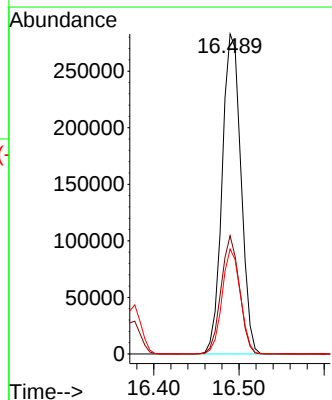
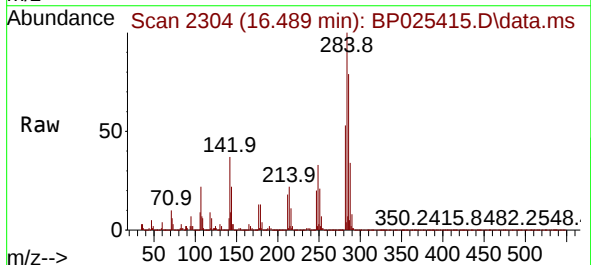
Instrument :
BNA_P
ClientSampleId :
88H-EMS

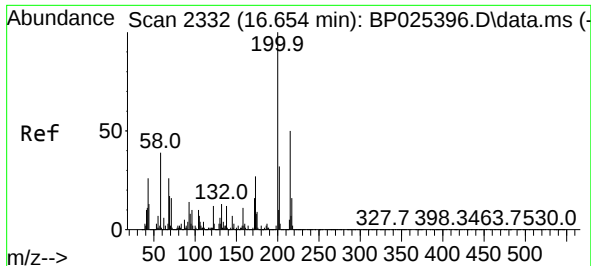
Tgt Ion:248 Resp: 374274
Ion Ratio Lower Upper
248 100
250 98.2 78.2 117.2
141 78.1 59.6 89.4



#68
Hexachlorobenzene
Concen: 43.489 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:284 Resp: 432625
Ion Ratio Lower Upper
284 100
142 37.0 29.1 43.7
249 32.8 25.0 37.4

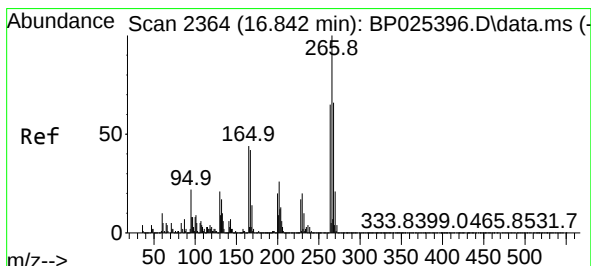
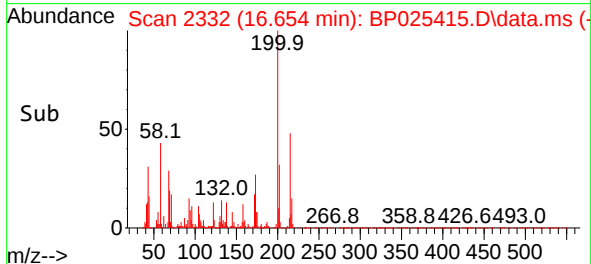
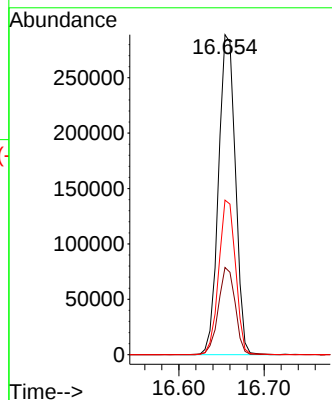
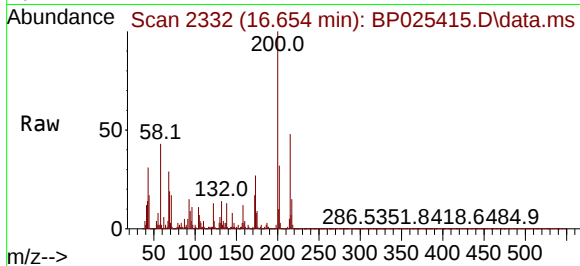




#69
Atrazine
Concen: 44.758 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

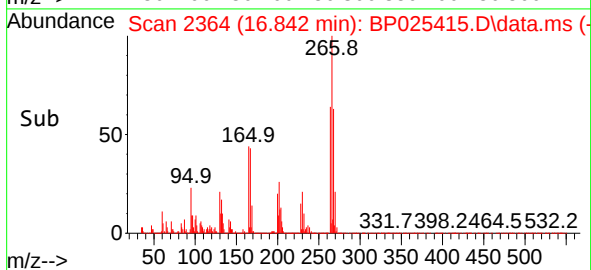
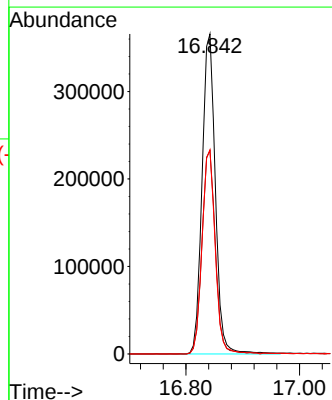
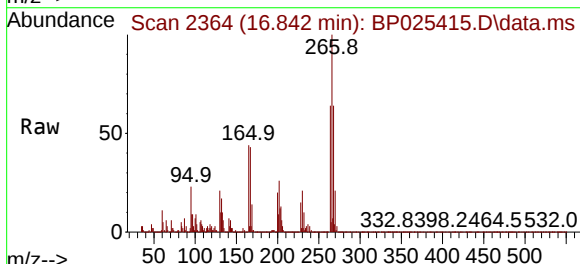
Instrument :
BNA_P
ClientSampleId :
88H-EMS

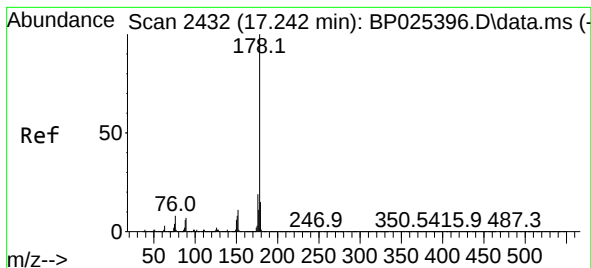
Tgt Ion:200 Resp: 398840
Ion Ratio Lower Upper
200 100
173 27.2 6.7 46.7
215 48.3 29.7 69.7



#70
Pentachlorophenol
Concen: 94.460 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:266 Resp: 593177
Ion Ratio Lower Upper
266 100
268 63.5 52.6 79.0
264 63.8 52.0 78.0





#71

Phenanthrene

Concen: 44.349 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

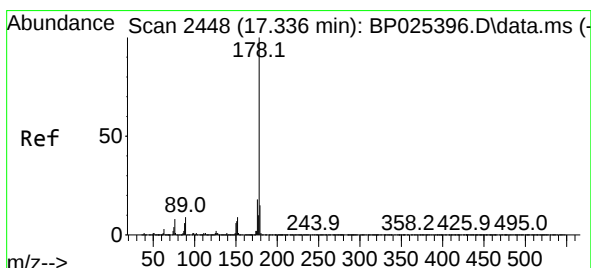
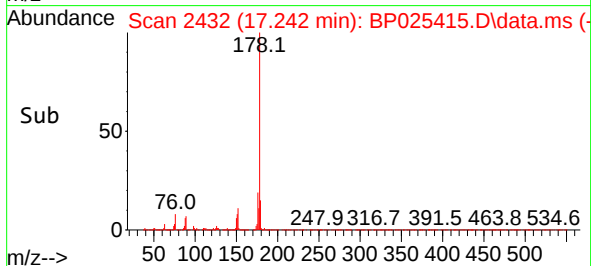
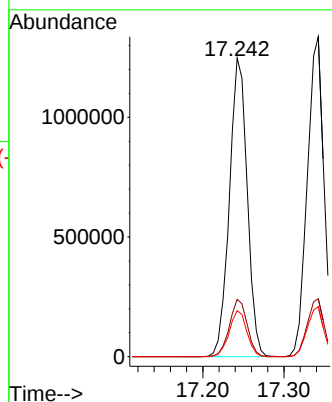
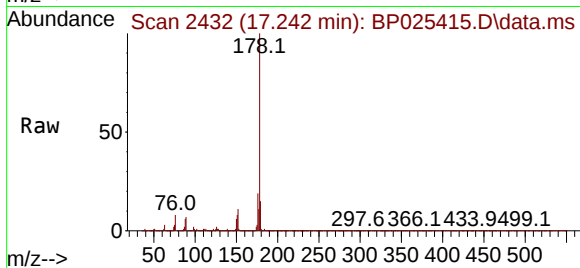
Tgt Ion:178 Resp: 1900981

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.4 12.2 18.4



#72

Anthracene

Concen: 43.450 ng

RT: 17.342 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

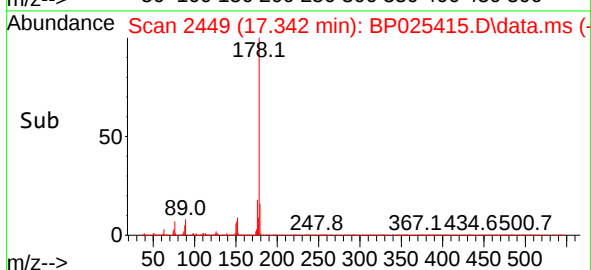
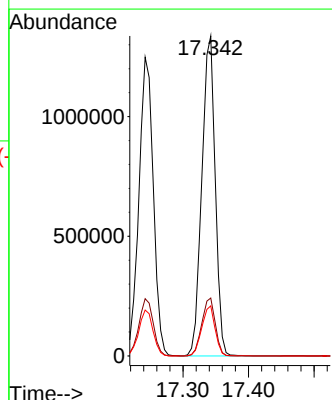
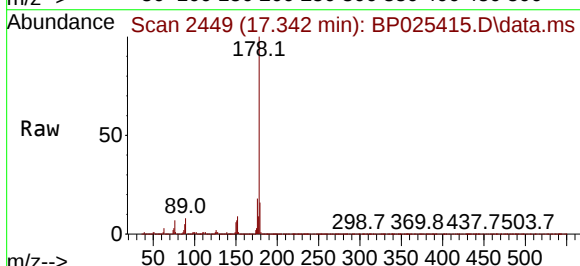
Tgt Ion:178 Resp: 1901911

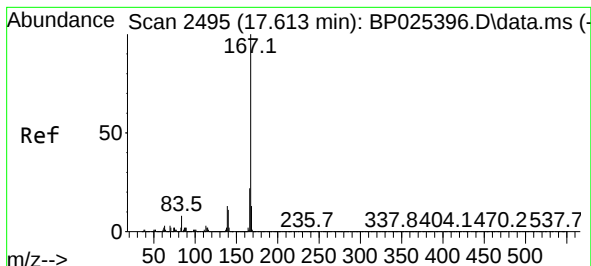
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.6 12.2 18.2





#73

Carbazole

Concen: 44.831 ng

RT: 17.613 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

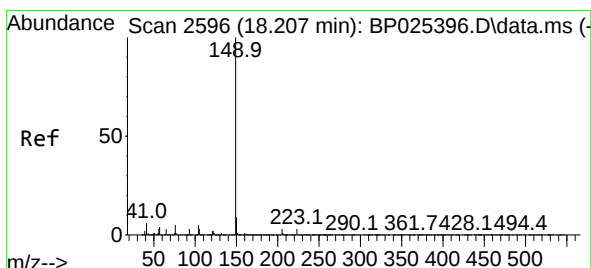
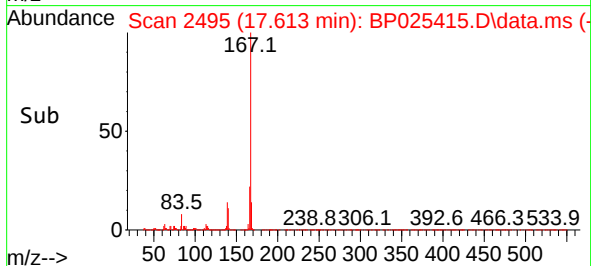
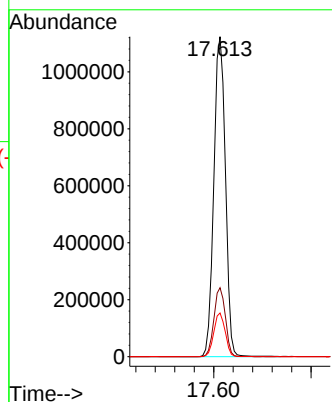
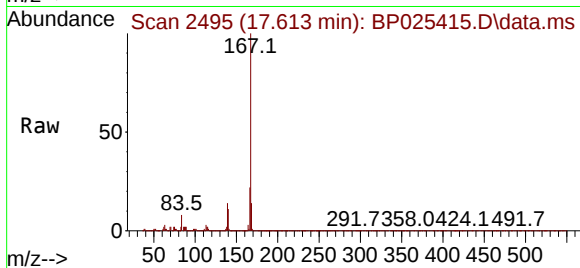
Tgt Ion:167 Resp: 1848365

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 44.635 ng

RT: 18.213 min Scan# 2597

Delta R.T. 0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

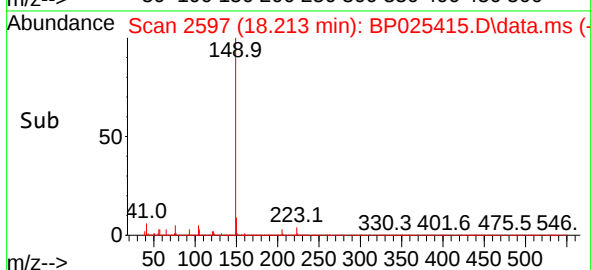
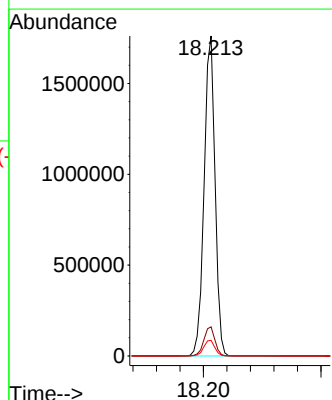
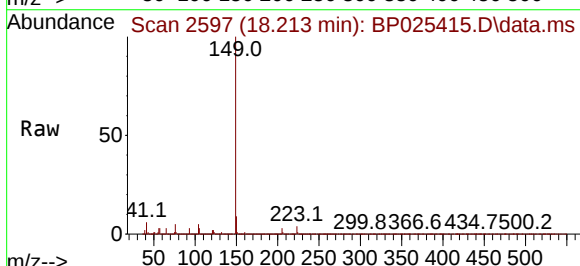
Tgt Ion:149 Resp: 2264177

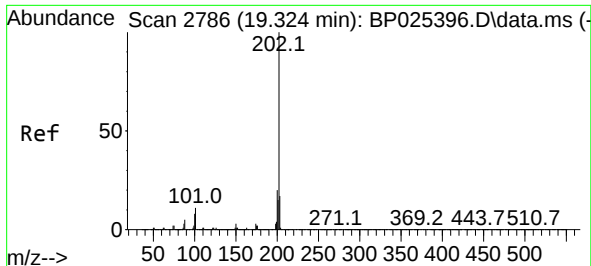
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 4.2 6.2

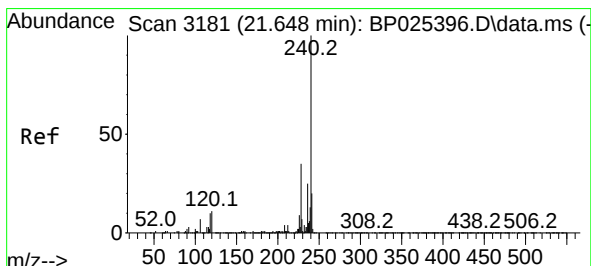
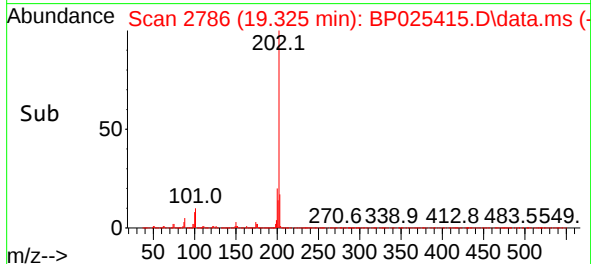
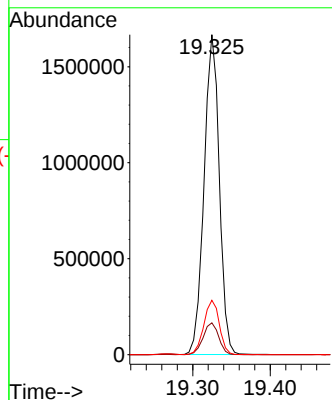
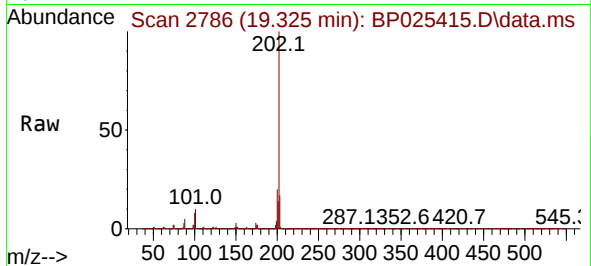




#75
Fluoranthene
Concen: 44.484 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

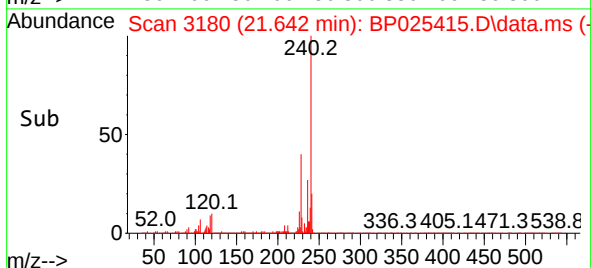
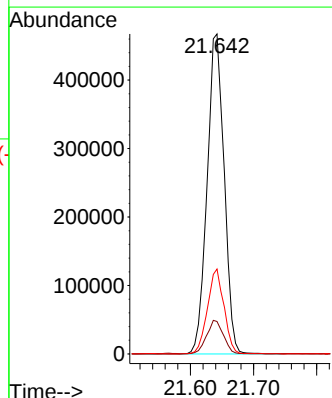
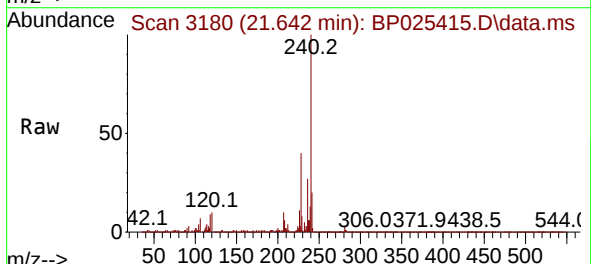
Instrument :
BNA_P
ClientSampleId :
88H-EMS

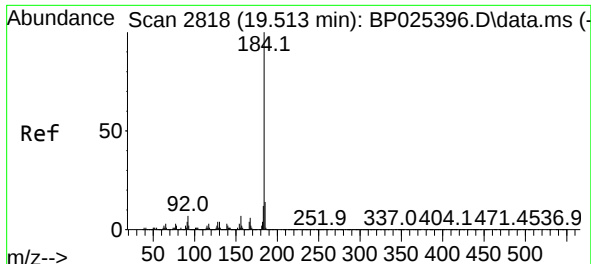
Tgt Ion:202 Resp: 2274430
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.1
203 17.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:240 Resp: 875377
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.5 19.8 29.8

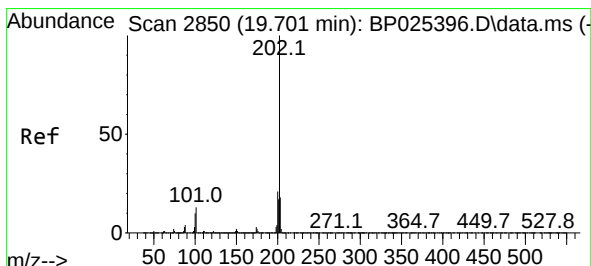
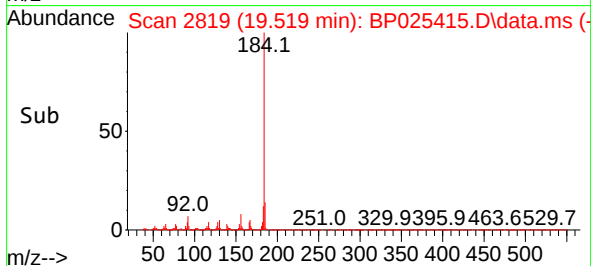
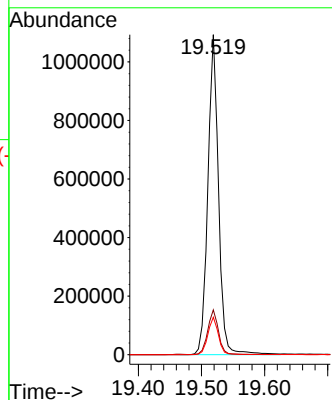
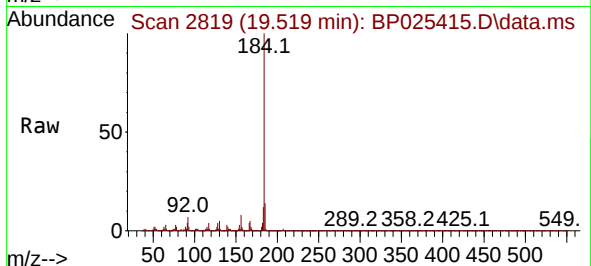




#77
Benzidine
Concen: 42.841 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

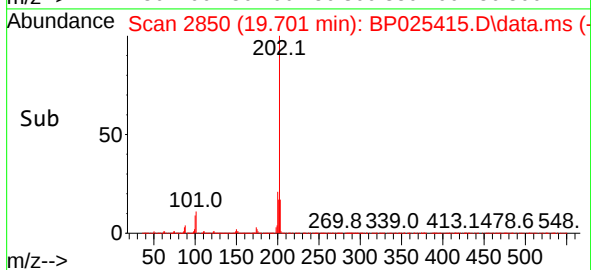
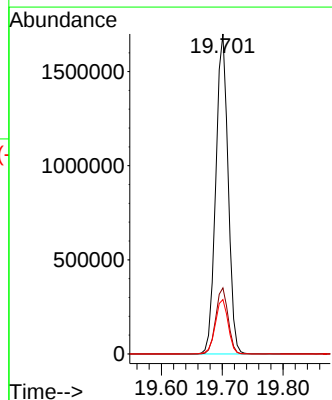
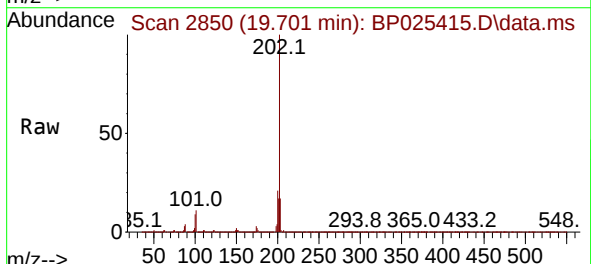
Instrument :
BNA_P
ClientSampleId :
88H-EMS

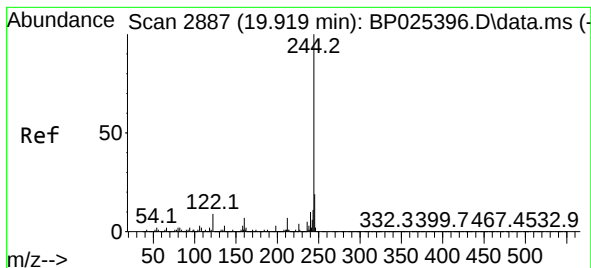
Tgt Ion:184 Resp: 1279852
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.7 9.4 14.2



#78
Pyrene
Concen: 41.769 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:202 Resp: 2376529
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.0 14.2 21.2





#79

Terphenyl-d14

Concen: 45.681 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

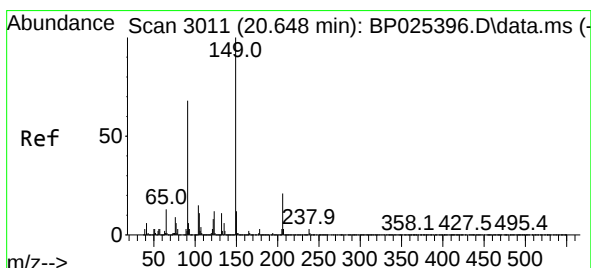
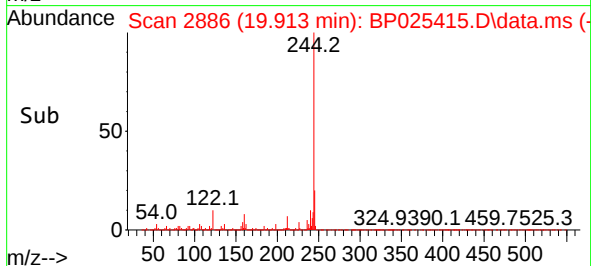
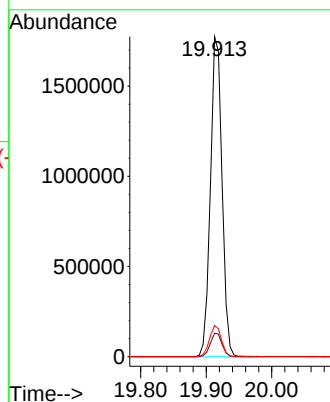
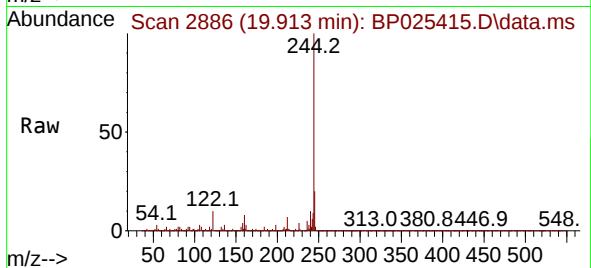
Tgt Ion:244 Resp: 2185634

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.7 7.4 11.2



#80

Butylbenzylphthalate

Concen: 44.274 ng

RT: 20.654 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

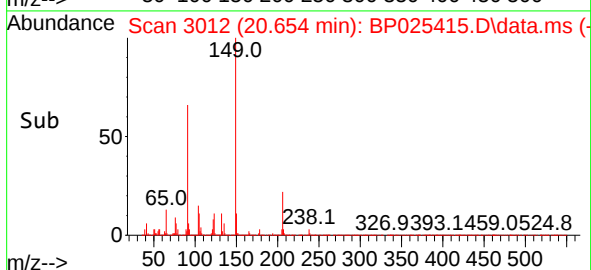
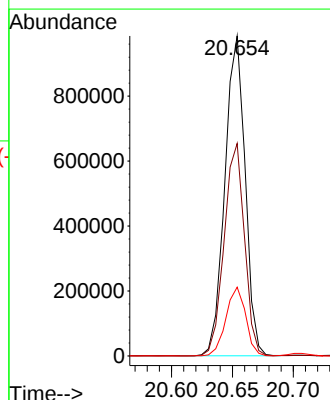
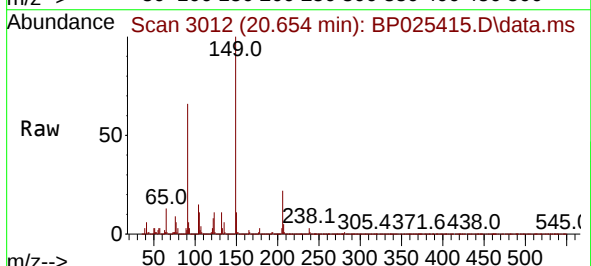
Tgt Ion:149 Resp: 1141667

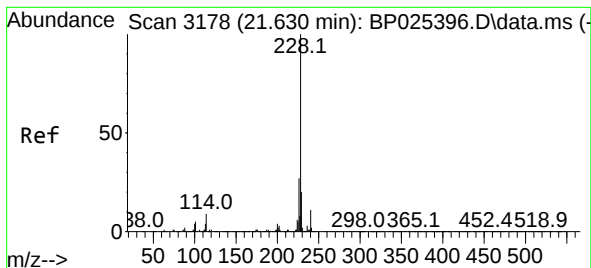
Ion Ratio Lower Upper

149 100

91 66.4 54.2 81.2

206 21.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 44.364 ng

RT: 21.619 min Scan# 3176

Delta R.T. -0.012 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

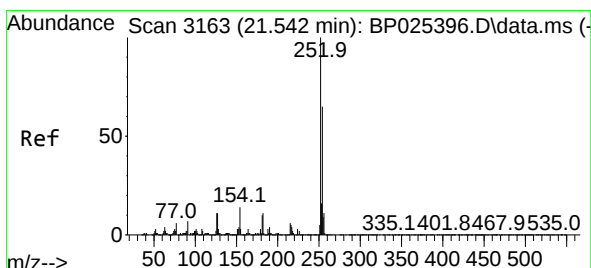
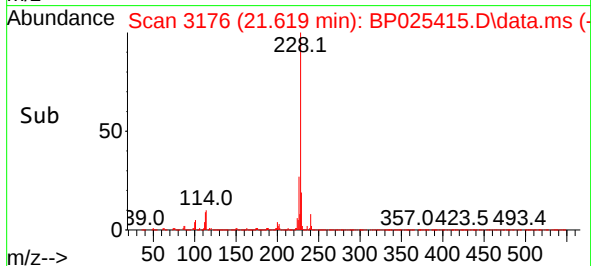
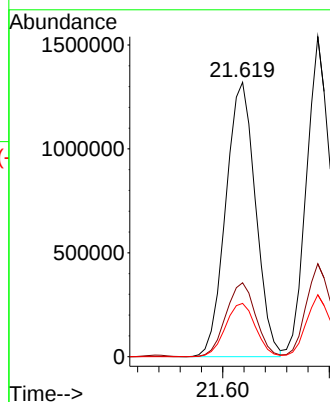
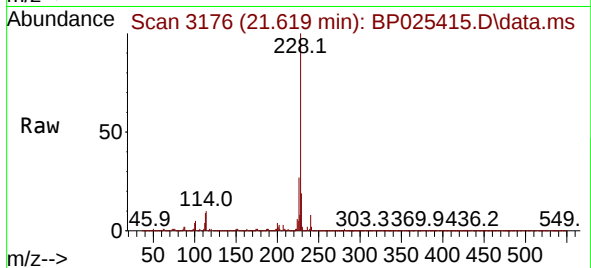
Tgt Ion:228 Resp: 2561195

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 25.666 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

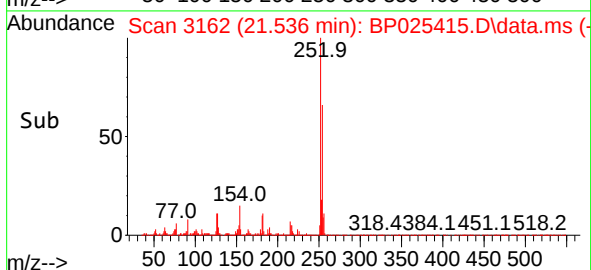
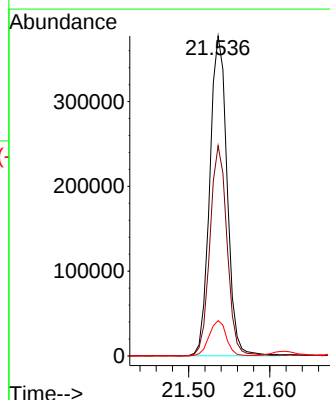
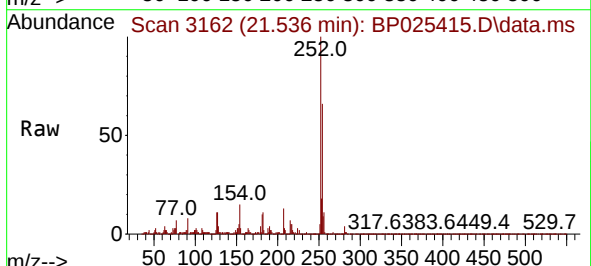
Tgt Ion:252 Resp: 558511

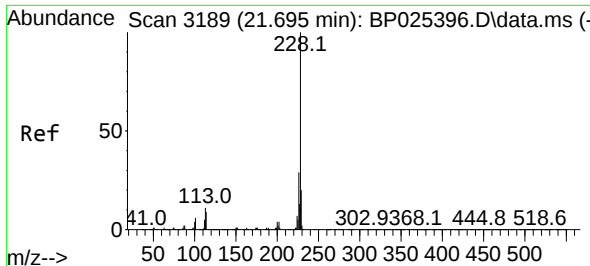
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

126 11.0 9.1 13.7

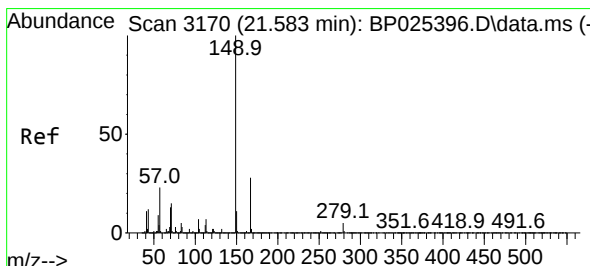
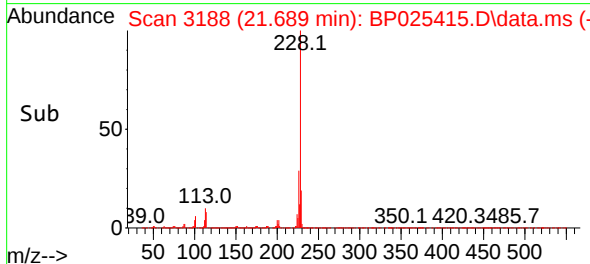
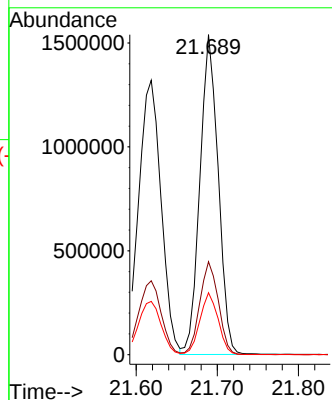
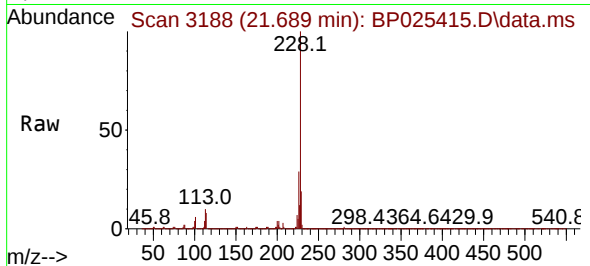




#83
Chrysene
Concen: 44.558 ng
RT: 21.689 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

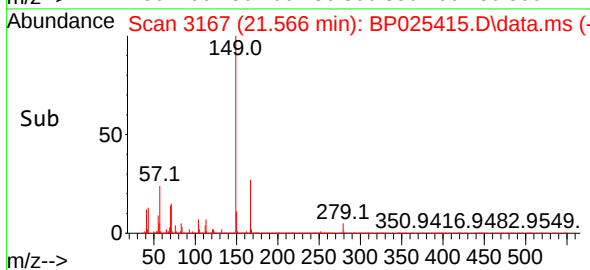
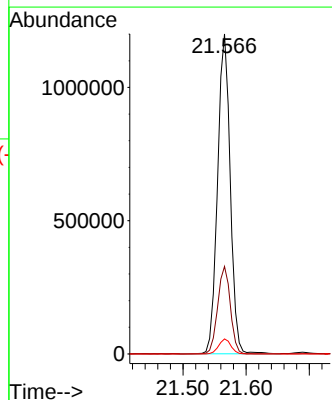
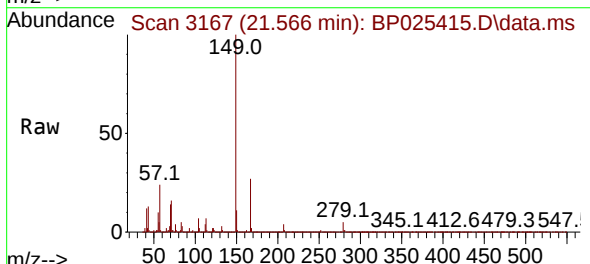
Instrument :
BNA_P
ClientSampleId :
88H-EMS

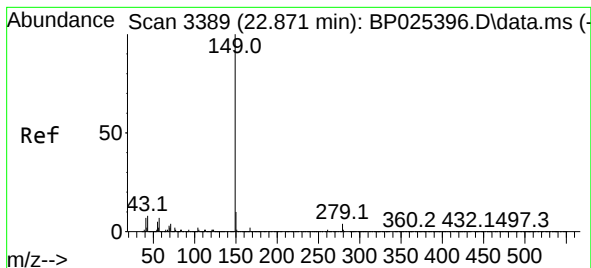
Tgt Ion:228 Resp: 2409067
Ion Ratio Lower Upper
228 100
226 29.0 23.2 34.8
229 19.3 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.998 ng
RT: 21.566 min Scan# 3167
Delta R.T. -0.018 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:149 Resp: 1670118
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 45.135 ng

RT: 22.854 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

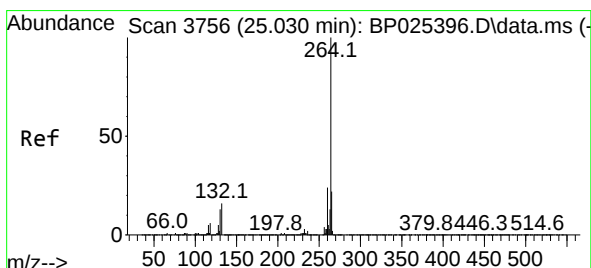
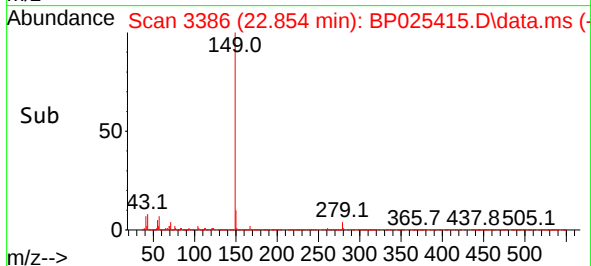
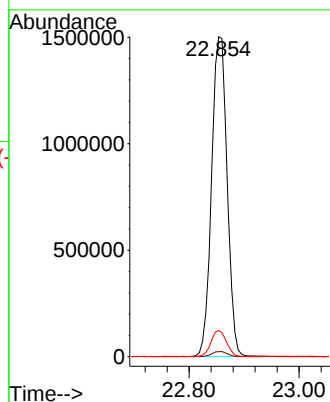
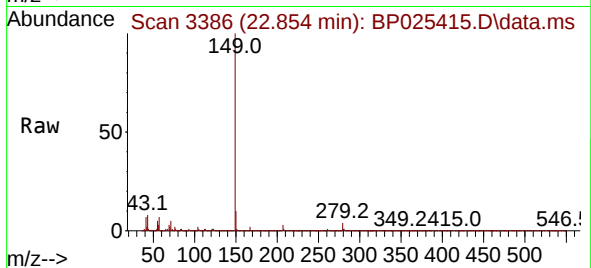
Tgt Ion:149 Resp: 2946897

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

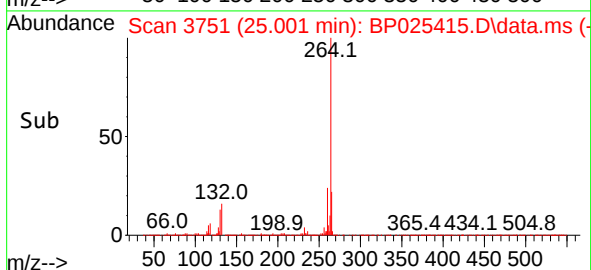
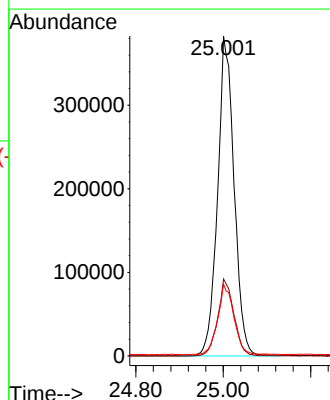
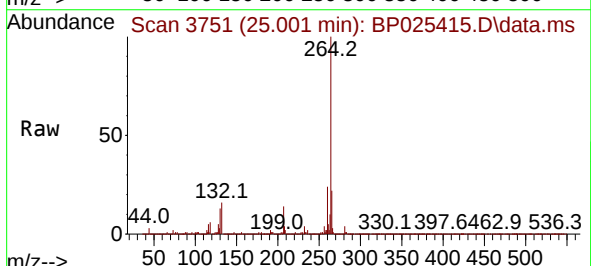
Tgt Ion:264 Resp: 1000604

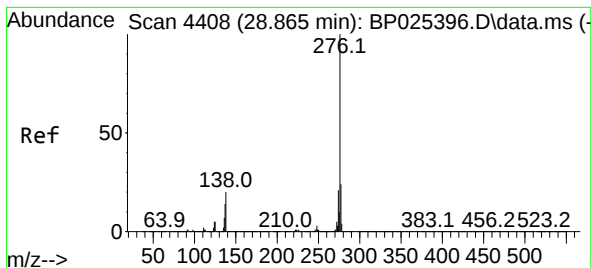
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.394 ng

RT: 28.824 min Scan# 4408

Delta R.T. -0.041 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

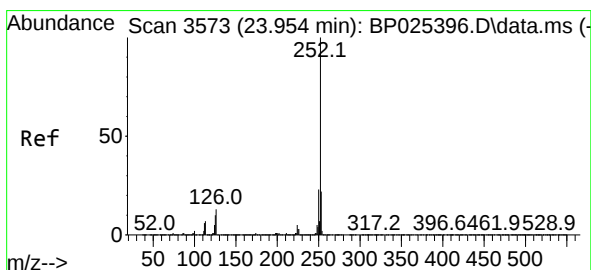
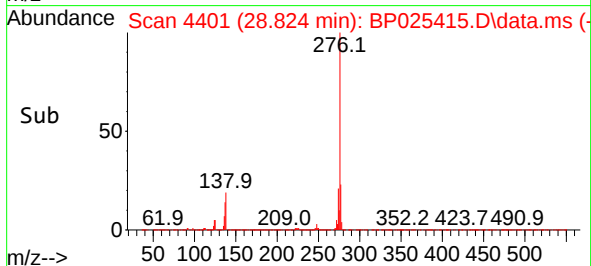
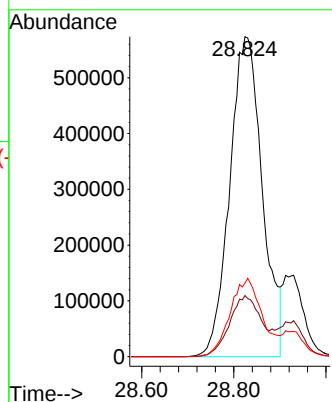
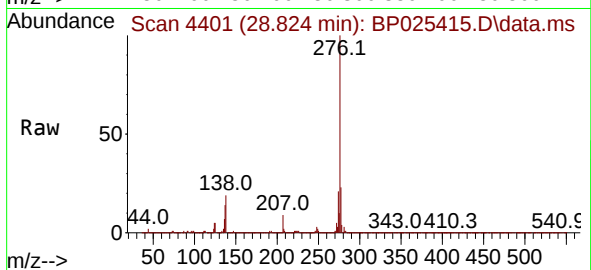
Tgt Ion:276 Resp: 2817344

Ion Ratio Lower Upper

276 100

138 18.3 12.9 19.3

277 24.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 44.970 ng

RT: 23.930 min Scan# 3569

Delta R.T. -0.023 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

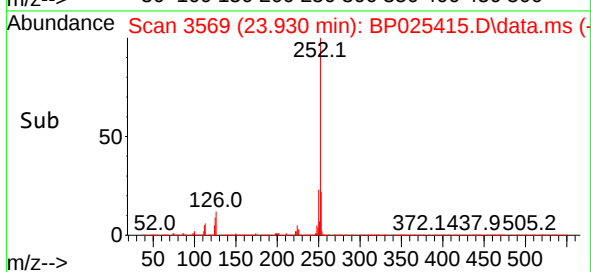
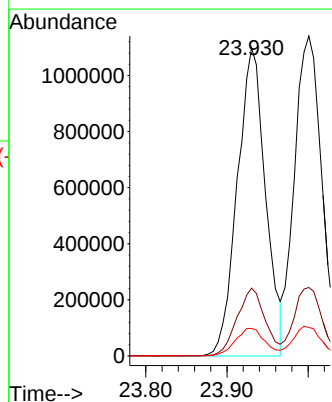
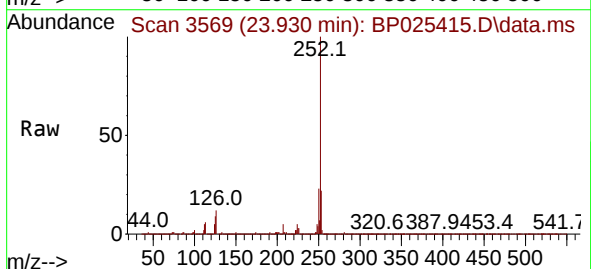
Tgt Ion:252 Resp: 2653334

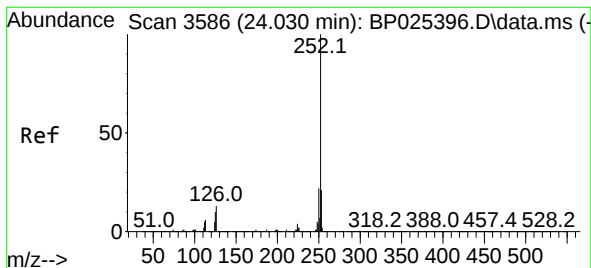
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.121 ng

RT: 24.001 min Scan# 3586

Delta R.T. -0.029 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

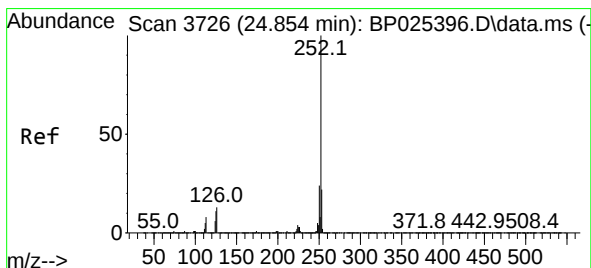
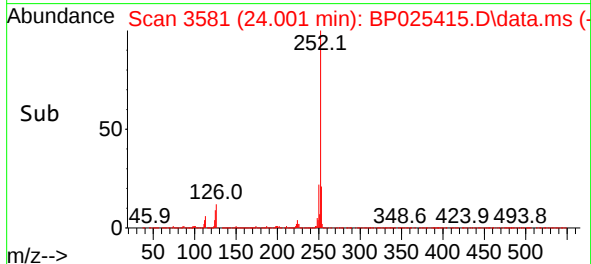
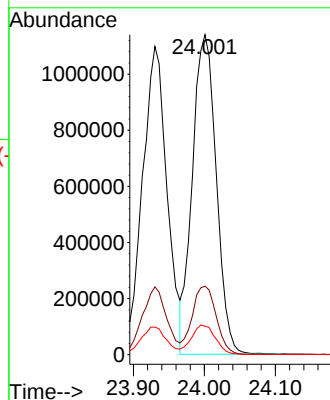
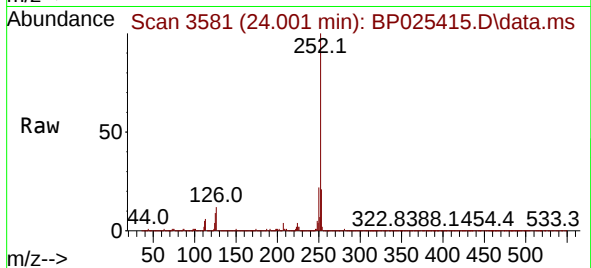
Tgt Ion:252 Resp: 2664055

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 8.9 7.8 11.6



#90

Benzo(a)pyrene

Concen: 44.619 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.023 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

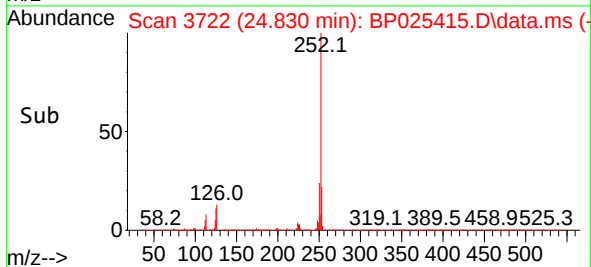
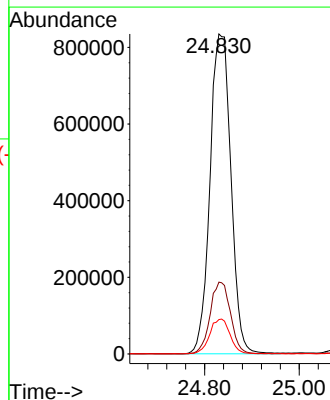
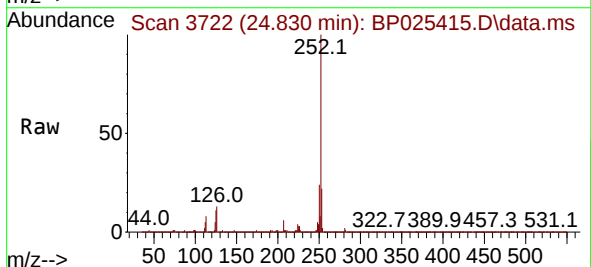
Tgt Ion:252 Resp: 2562652

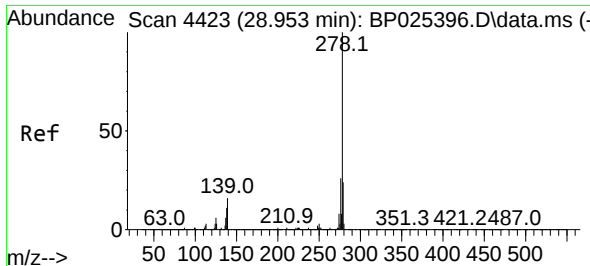
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 10.7 8.7 13.1

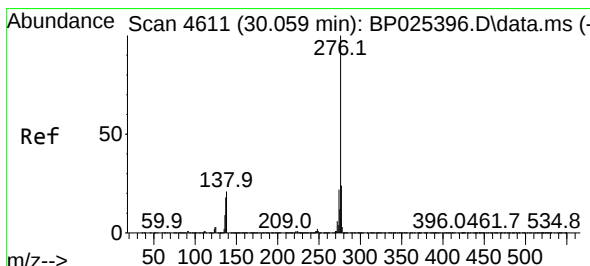
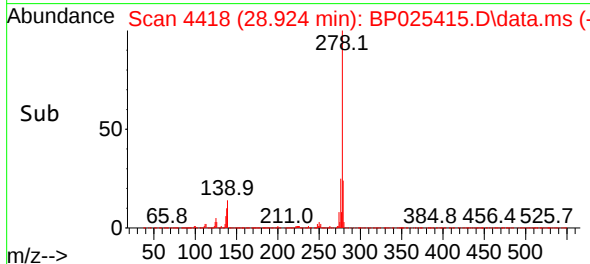
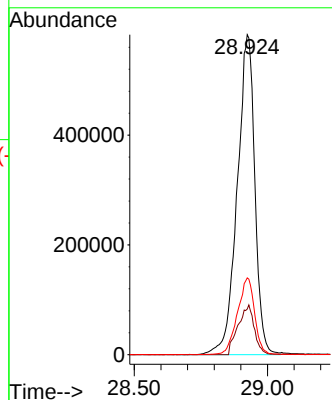
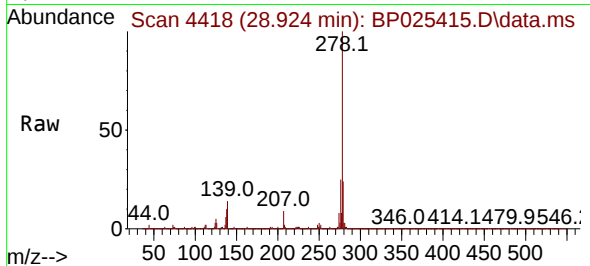




#91
Dibenzo(a,h)anthracene
Concen: 44.609 ng
RT: 28.924 min Scan# 4418
Delta R.T. -0.029 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Instrument :
BNA_P
ClientSampleId :
88H-EMS

Tgt Ion:278 Resp: 2675040
Ion Ratio Lower Upper
278 100
139 14.3 13.0 19.4
279 24.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 44.748 ng
RT: 30.030 min Scan# 4606
Delta R.T. -0.029 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:276 Resp: 2637753
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 19.7 16.7 25.1

