

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025407.D
 Acq On : 15 Aug 2025 00:18
 Operator : CG/JU
 Sample : PB169228BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BS

Quant Time: Aug 15 01:38:22 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	147030	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	606682	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	410001	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	838541	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	848930	20.000	ng	0.00
86) Perylene-d12	25.018	264	946447	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1110154	125.391	ng	0.00
7) Phenol-d6	6.972	99	1425501	125.584	ng	0.00
23) Nitrobenzene-d5	8.931	82	911194	75.976	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	707616	128.223	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2196374	73.213	ng	0.00
79) Terphenyl-d14	19.919	244	3590153	77.373	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.337	88	130883	37.741 ng	99
3) Pyridine	3.731	79	324920	34.231 ng	98
4) n-Nitrosodimethylamine	3.637	42	165173	42.209 ng	100
6) Aniline	7.125	93	571326	37.357 ng	99
8) 2-Chlorophenol	7.366	128	455193	45.561 ng	99
9) Benzaldehyde	6.937	77	212043	26.663 ng	97
10) Phenol	6.996	94	551928	46.339 ng	97
11) bis(2-Chloroethyl)ether	7.219	93	390018	42.012 ng	98
12) 1,3-Dichlorobenzene	7.684	146	460503	41.801 ng	99
13) 1,4-Dichlorobenzene	7.825	146	466980	41.472 ng	99
14) 1,2-Dichlorobenzene	8.137	146	456253	41.859 ng	98
15) Benzyl Alcohol	8.025	79	401073	44.470 ng	100
16) 2,2'-oxybis(1-Chloropr...	8.307	45	511027	41.092 ng	100
17) 2-Methylphenol	8.225	107	386767	46.755 ng	100
18) Hexachloroethane	8.860	117	171481	41.420 ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	312622	41.580 ng	98
20) 3+4-Methylphenols	8.549	107	528303	46.073 ng	97
22) Acetophenone	8.596	105	658466	43.279 ng	# 98
24) Nitrobenzene	8.972	77	468149	43.677 ng	99
25) Isophorone	9.496	82	915580	43.137 ng	99
26) 2-Nitrophenol	9.672	139	240132	43.654 ng	97
27) 2,4-Dimethylphenol	9.737	122	448325	47.393 ng	98
28) bis(2-Chloroethoxy)met...	9.966	93	546870	42.624 ng	98
29) 2,4-Dichlorophenol	10.207	162	449262	47.808 ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	440470	42.758 ng	98
31) Naphthalene	10.607	128	1361279	43.171 ng	99
32) Benzoic acid	9.884	122	336308	48.155 ng	98
33) 4-Chloroaniline	10.707	127	445208	31.964 ng	99
34) Hexachlorobutadiene	10.896	225	272205	42.429 ng	98
35) Caprolactam	11.490	113	162024	47.021 ng	95
36) 4-Chloro-3-methylphenol	11.831	107	511279	47.415 ng	99
37) 2-Methylnaphthalene	12.213	142	895593	43.644 ng	100
38) 1-Methylnaphthalene	12.431	142	932869	42.748 ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	506460	42.771 ng	98
41) Hexachlorocyclopentadiene	12.566	237	673801	94.204 ng	98
43) 2,4,6-Trichlorophenol	12.819	196	371415	46.461 ng	98

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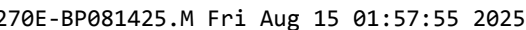
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	416860	47.579	ng	97
46) 1,1'-Biphenyl	13.225	154	1304149	43.798	ng	100
47) 2-Chloronaphthalene	13.266	162	1016595	43.855	ng	99
48) 2-Nitroaniline	13.466	65	314909	46.623	ng	96
49) Acenaphthylene	14.119	152	1706619	44.492	ng	100
50) Dimethylphthalate	13.854	163	1374506	45.780	ng	100
51) 2,6-Dinitrotoluene	13.966	165	301444	47.635	ng	99
52) Acenaphthene	14.466	154	996925	44.278	ng	100
53) 3-Nitroaniline	14.295	138	248427	34.892	ng	95
54) 2,4-Dinitrophenol	14.501	184	370101	109.516	ng	98
55) Dibenzofuran	14.801	168	1572174	44.166	ng	98
56) 4-Nitrophenol	14.619	139	563832	96.372	ng	97
57) 2,4-Dinitrotoluene	14.754	165	433702	48.036	ng	97
58) Fluorene	15.460	166	1231357	43.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	369543	47.768	ng	99
60) Diethylphthalate	15.236	149	1395643	45.748	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	617842	44.228	ng	100
62) 4-Nitroaniline	15.472	138	326180	44.688	ng	97
63) Azobenzene	15.754	77	1182478	45.267	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	256489	49.069	ng	98
66) n-Nitrosodiphenylamine	15.672	169	1141054	44.624	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	406073	44.031	ng	97
68) Hexachlorobenzene	16.483	284	477112	44.629	ng	98
69) Atrazine	16.648	200	436604	45.593	ng	98
70) Pentachlorophenol	16.836	266	647332	95.922	ng	97
71) Phenanthrene	17.236	178	2049033	44.483	ng	100
72) Anthracene	17.330	178	2071926	44.046	ng	100
73) Carbazole	17.607	167	1984094	44.780	ng	99
74) Di-n-butylphthalate	18.201	149	2442996	44.814	ng	100
75) Fluoranthene	19.324	202	2426038	44.153	ng	99
77) Benzidine	19.513	184	1396799	48.212	ng	99
78) Pyrene	19.701	202	2461482	44.610	ng	100
80) Butylbenzylphthalate	20.654	149	1144283	45.758	ng	99
81) Benzo(a)anthracene	21.624	228	2552604	45.593	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	665844	31.552	ng	99
83) Chrysene	21.695	228	2383389	45.457	ng	99
84) Bis(2-ethylhexyl)phtha...	21.571	149	1660300	45.102	ng	100
85) Di-n-octyl phthalate	22.865	149	2881260	45.504	ng	100
87) Indeno(1,2,3-cd)pyrene	28.842	276	2749360	39.611	ng	# 58
88) Benzo(b)fluoranthene	23.948	252	2645452	47.402	ng	98
89) Benzo(k)fluoranthene	24.007	252	2554212	45.736	ng	99
90) Benzo(a)pyrene	24.848	252	2544632	46.840	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	2636878	46.488	ng	98
92) Benzo(g,h,i)perylene	30.024	276	2572611	46.141	ng	99

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

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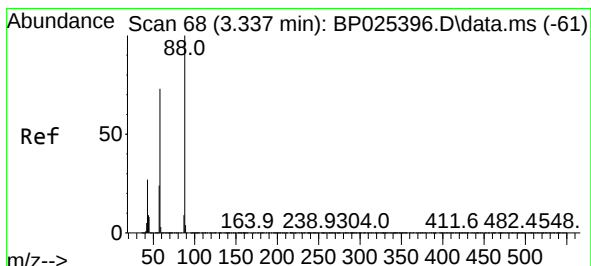
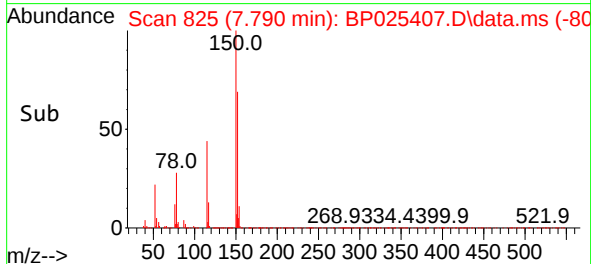
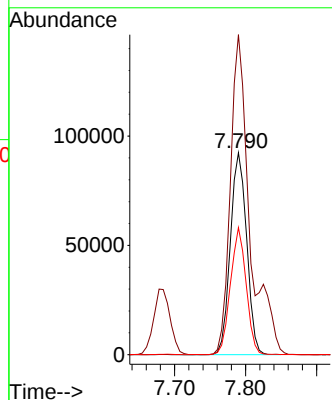
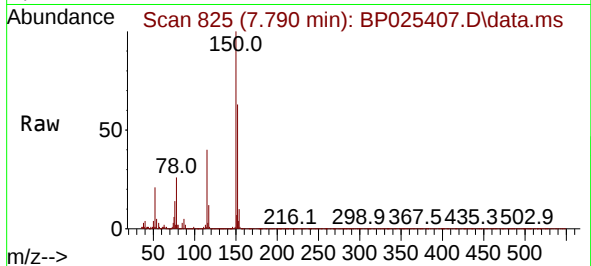




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025407.D
 Acq: 15 Aug 2025 00:18

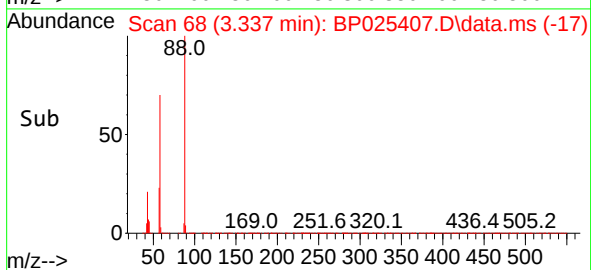
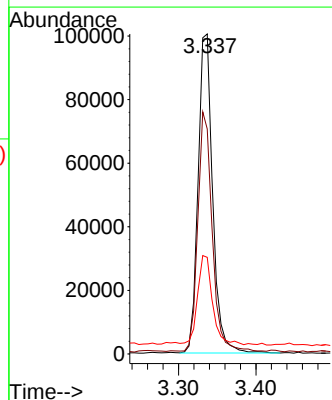
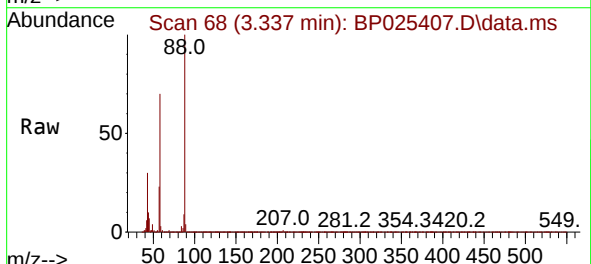
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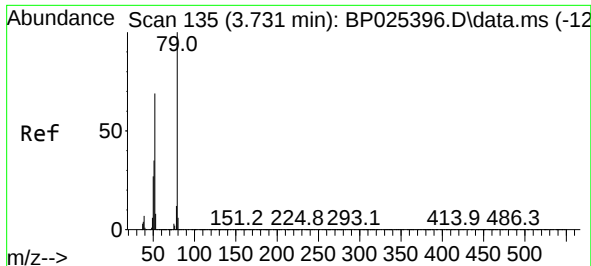
Tgt Ion:152 Resp: 147030
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.9 188.9
 115 62.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 37.741 ng
 RT: 3.337 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BP025407.D
 Acq: 15 Aug 2025 00:18

Tgt Ion: 88 Resp: 130883
 Ion Ratio Lower Upper
 88 100
 58 74.0 59.2 88.8
 43 28.5 21.7 32.5

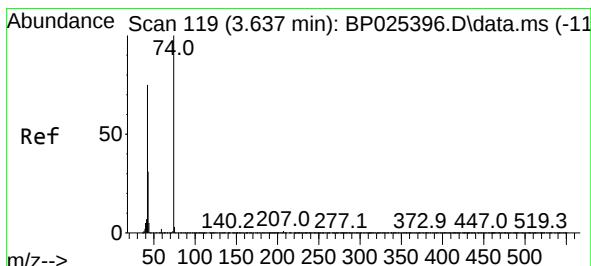
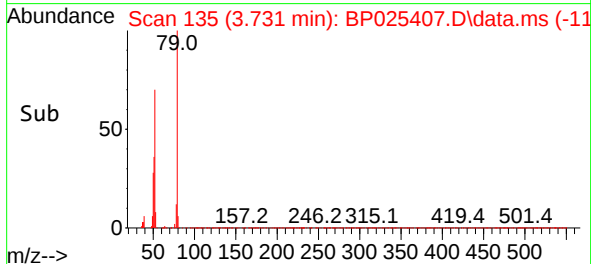
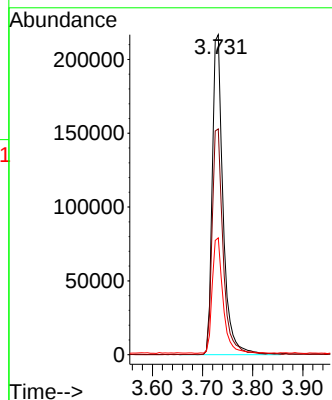
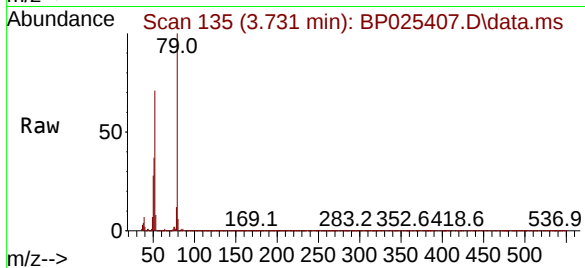




#3
 Pyridine
 Concen: 34.231 ng
 RT: 3.731 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP025407.D
 Acq: 15 Aug 2025 00:18

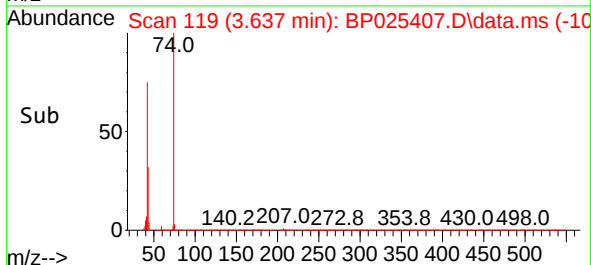
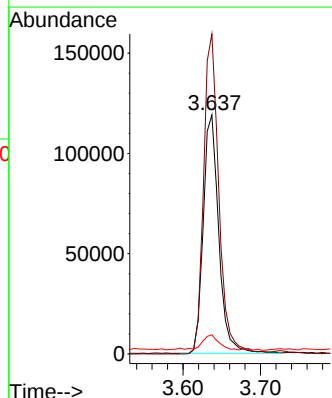
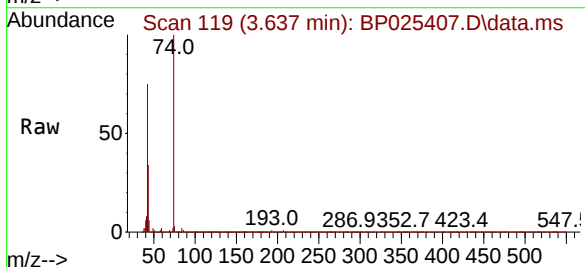
Instrument :
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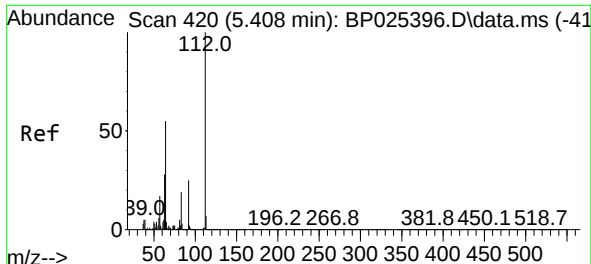
Tgt Ion: 79 Resp: 324920
 Ion Ratio Lower Upper
 79 100
 52 70.5 55.5 83.3
 51 36.5 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 42.209 ng
 RT: 3.637 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: BP025407.D
 Acq: 15 Aug 2025 00:18

Tgt Ion: 42 Resp: 165173
 Ion Ratio Lower Upper
 42 100
 74 133.9 107.0 160.4
 44 8.0 6.2 9.4

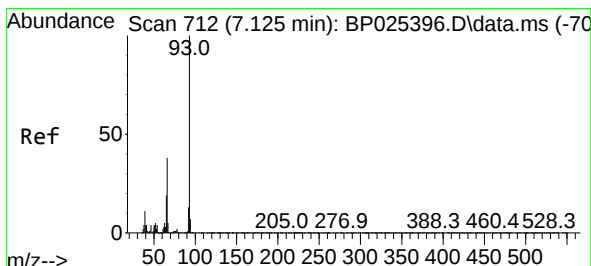
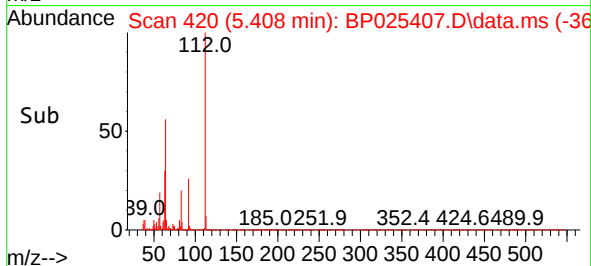
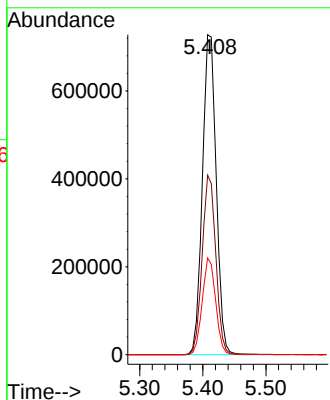
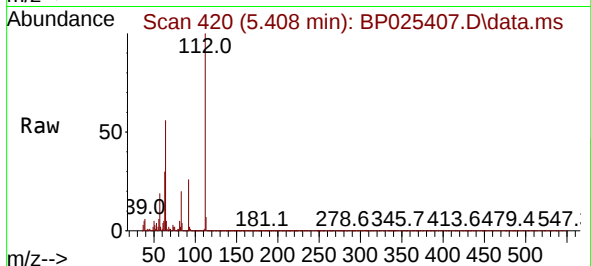




#5
2-Fluorophenol
Concen: 125.391 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

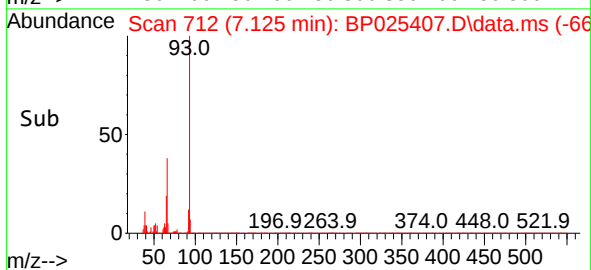
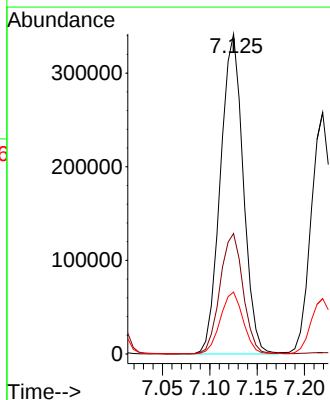
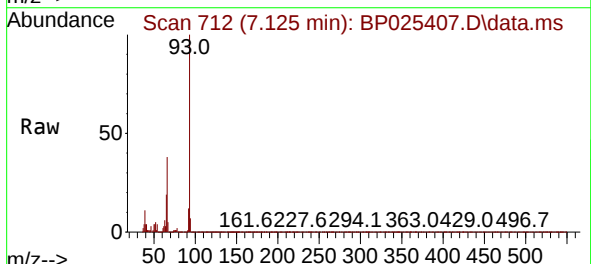
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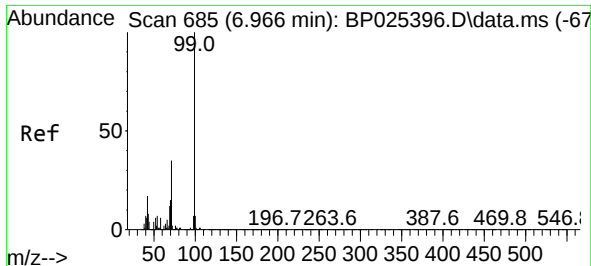
Tgt Ion:112 Resp: 1110154
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 30.2 22.7 34.1



#6
Aniline
Concen: 37.357 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 93 Resp: 571326
Ion Ratio Lower Upper
93 100
66 37.7 30.4 45.6
65 19.4 15.3 22.9



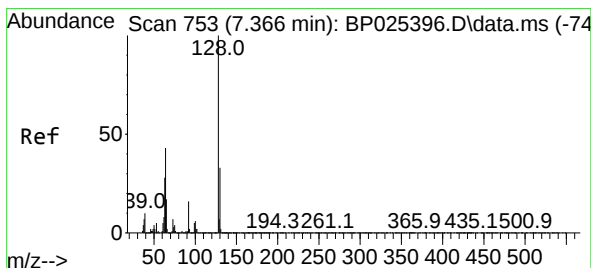
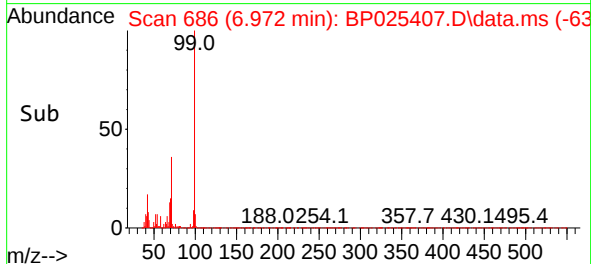
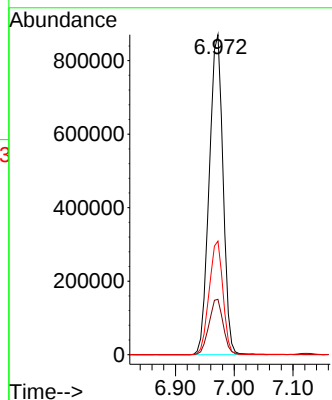
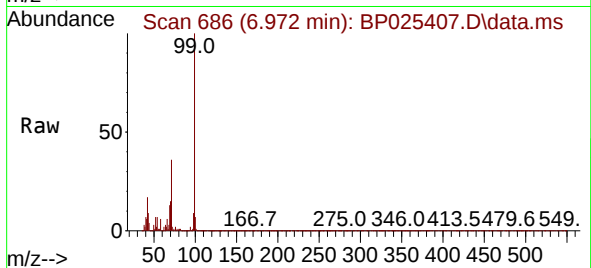


#7
Phenol-d6
Concen: 125.584 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

Tgt Ion: 99 Resp: 1425501

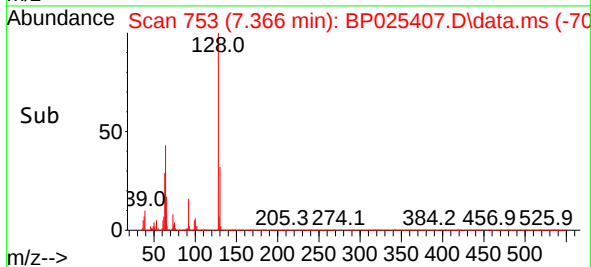
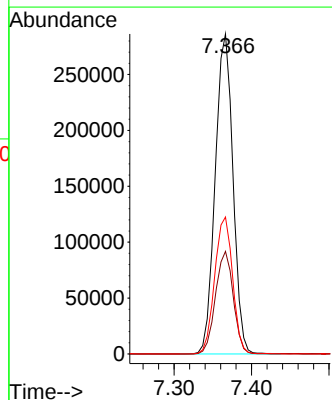
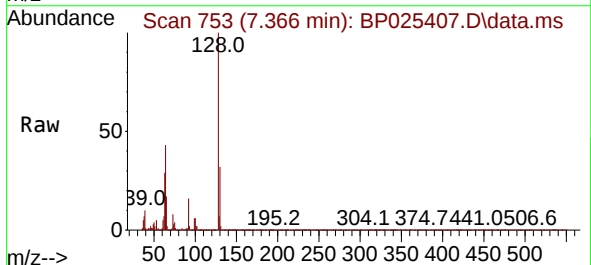
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	35.5	28.2	42.4

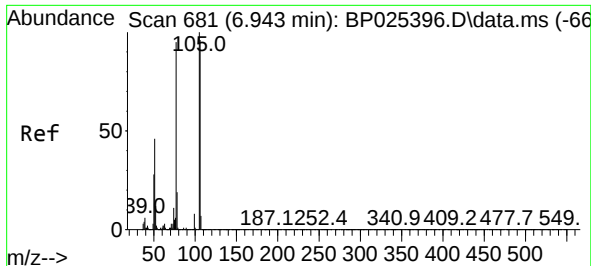


#8
2-Chlorophenol
Concen: 45.561 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 128 Resp: 455193

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	42.8	23.4	63.4

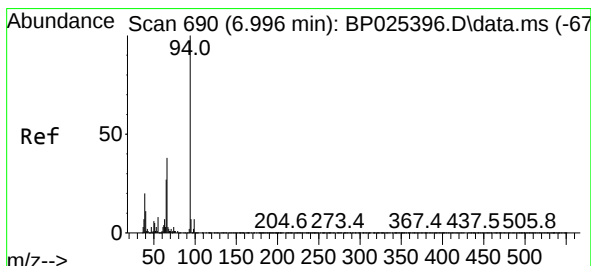
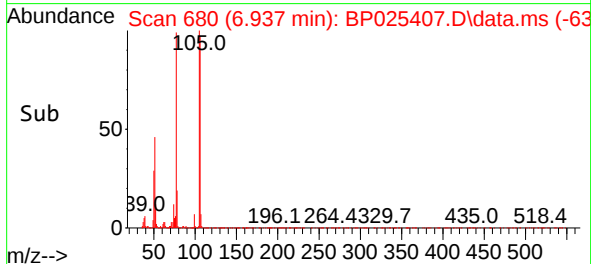
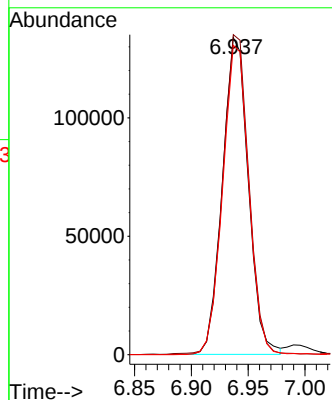
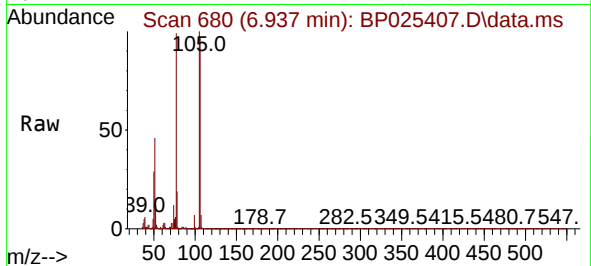




#9
Benzaldehyde
Concen: 26.663 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

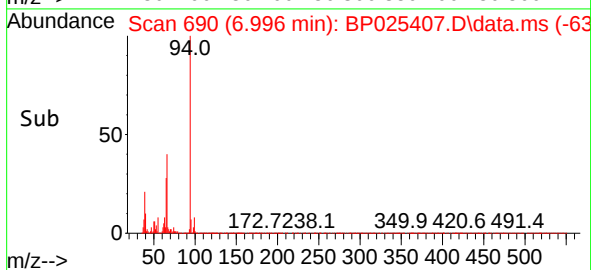
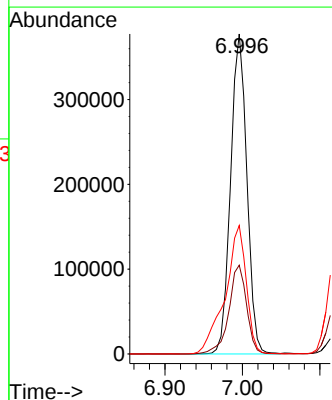
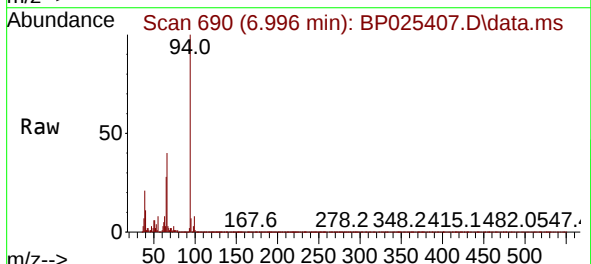
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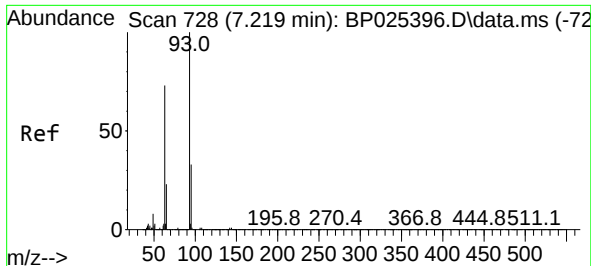
Tgt Ion: 77 Resp: 212043
Ion Ratio Lower Upper
77 100
105 100.9 84.8 124.8
106 97.6 80.5 120.5



#10
Phenol
Concen: 46.339 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 94 Resp: 551928
Ion Ratio Lower Upper
94 100
65 27.8 6.8 46.8
66 40.2 18.2 58.2

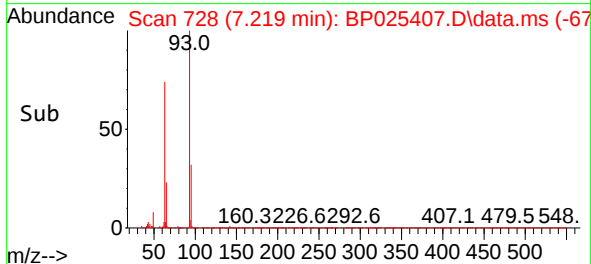
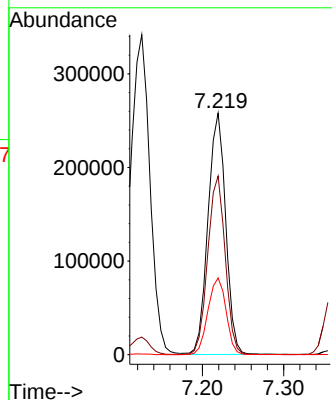
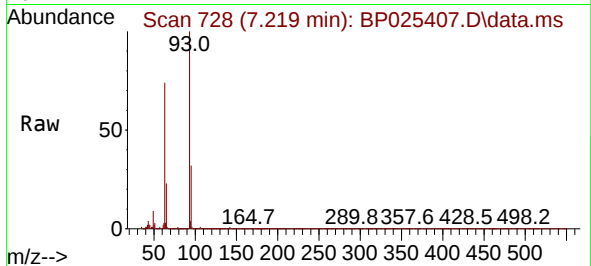




#11
 bis(2-Chloroethyl)ether
 Concen: 42.012 ng
 RT: 7.219 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP025407.D
 Acq: 15 Aug 2025 00:18

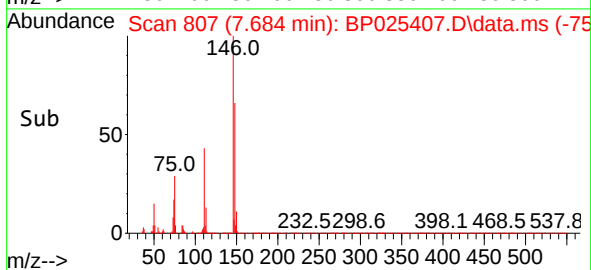
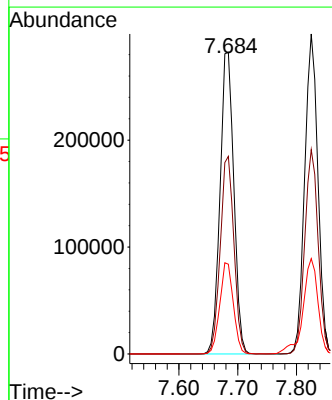
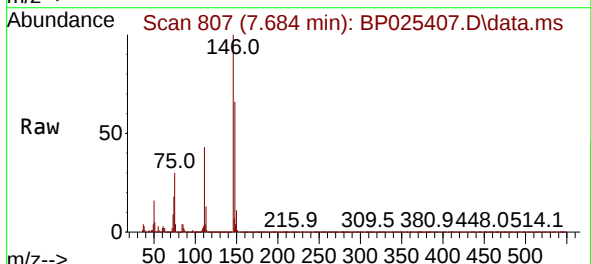
Instrument :
 BNA_P
 ClientSampleId :
 PB169228BS

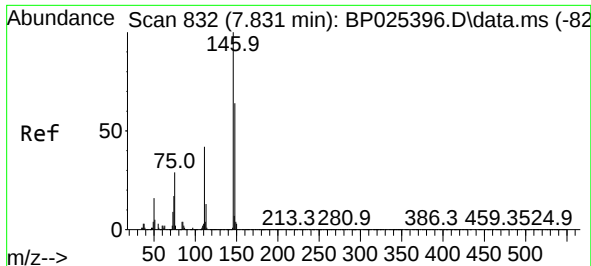
Tgt Ion: 93 Resp: 390018
 Ion Ratio Lower Upper
 93 100
 63 74.0 52.6 92.6
 95 31.8 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 41.801 ng
 RT: 7.684 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: BP025407.D
 Acq: 15 Aug 2025 00:18

Tgt Ion: 146 Resp: 460503
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 75 29.8 23.7 35.5

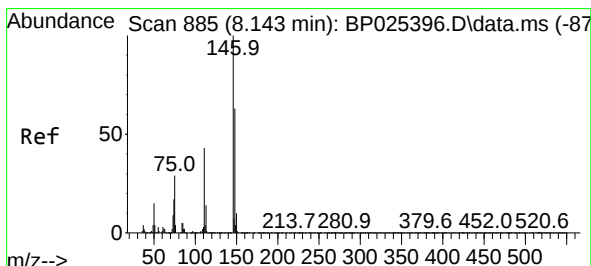
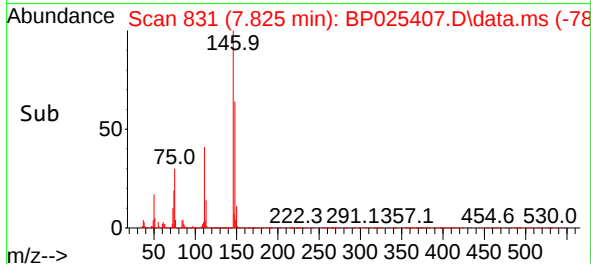
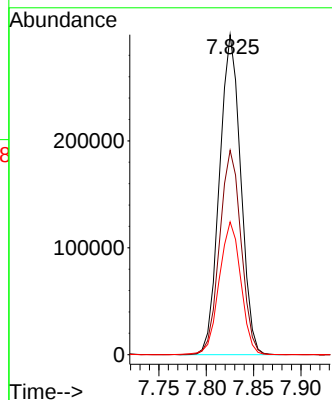
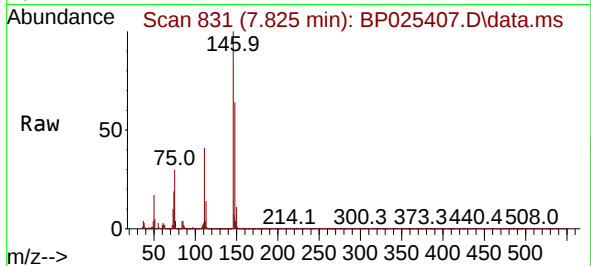




#13
1,4-Dichlorobenzene
Concen: 41.472 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

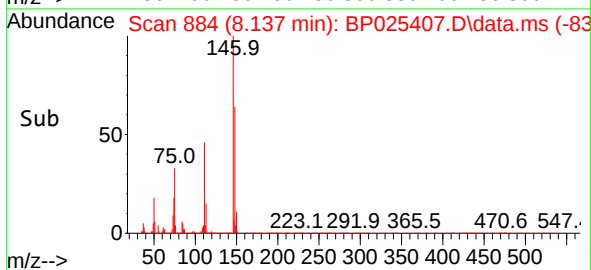
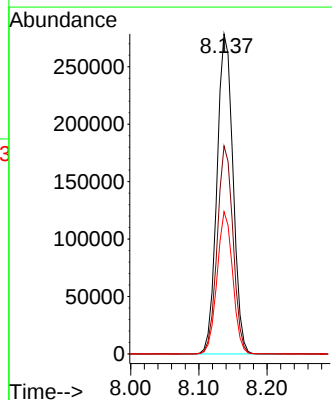
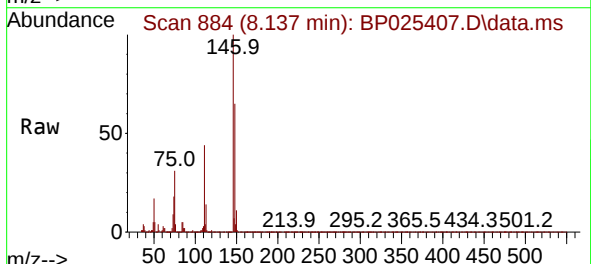
Instrument :
BNA_P
ClientSampleId :
PB169228BS

Tgt Ion:146 Resp: 466980
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 41.5 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 41.859 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:146 Resp: 456253
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
111 44.4 34.5 51.7

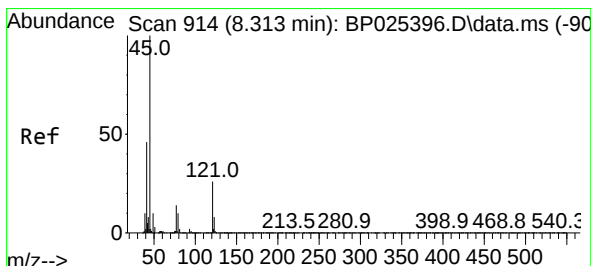
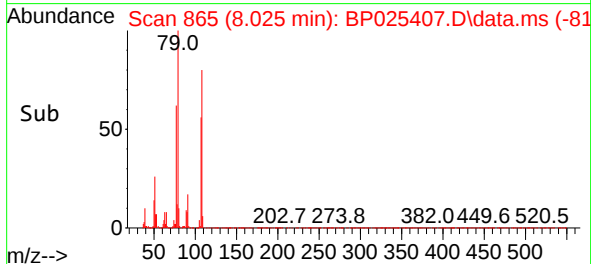
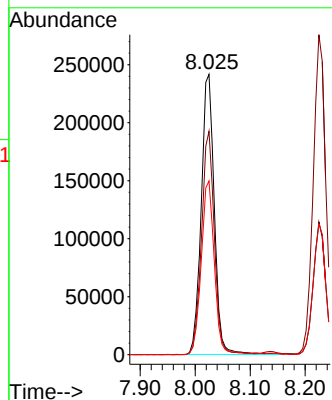
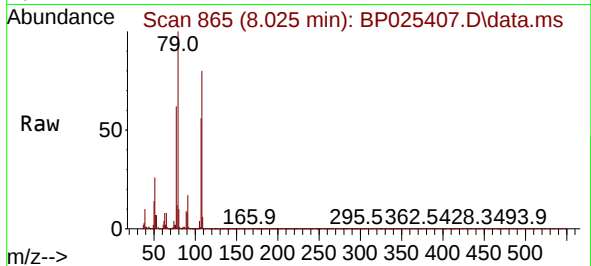




#15
Benzyl Alcohol
Concen: 44.470 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

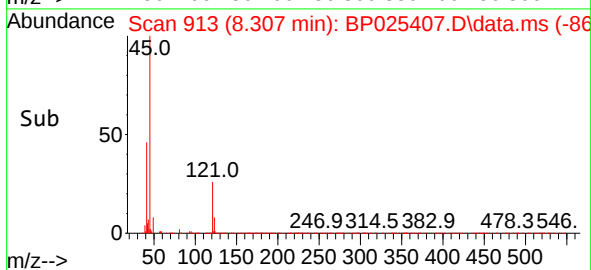
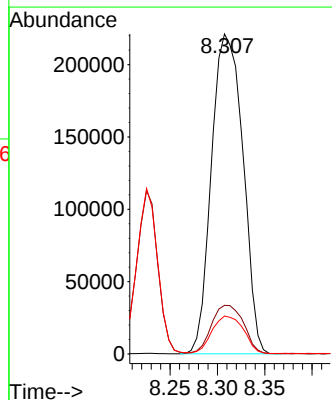
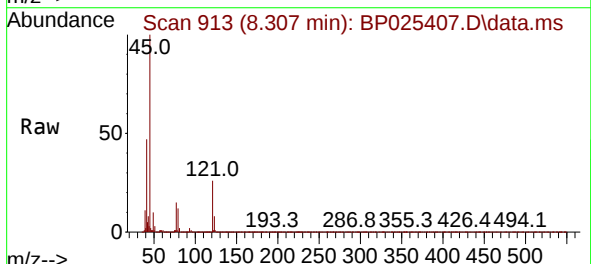
Instrument :
BNA_P
ClientSampleId :
PB169228BS

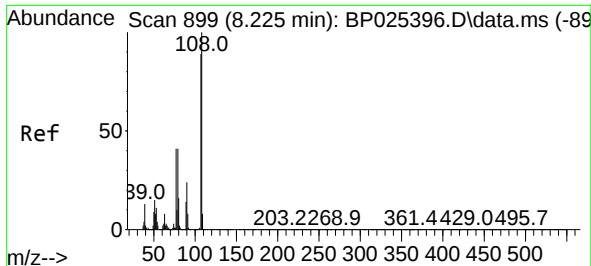
Tgt Ion: 79 Resp: 401073
Ion Ratio Lower Upper
79 100
108 79.7 63.8 95.6
77 62.0 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.092 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 45 Resp: 511027
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.3
79 11.8 0.0 31.8

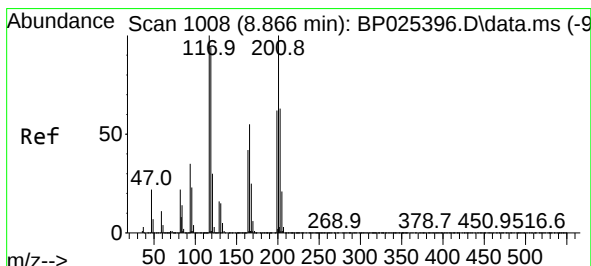
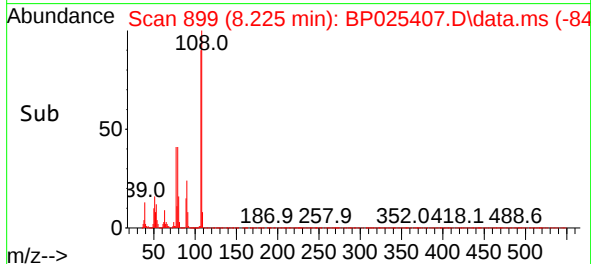
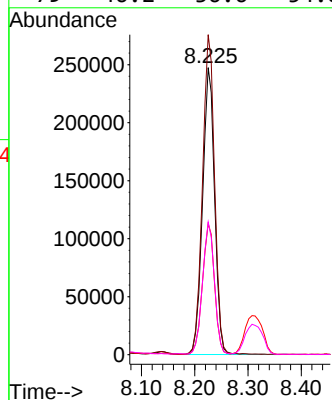
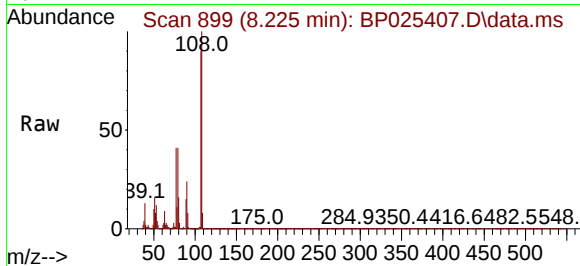




#17
2-Methylphenol
Concen: 46.755 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

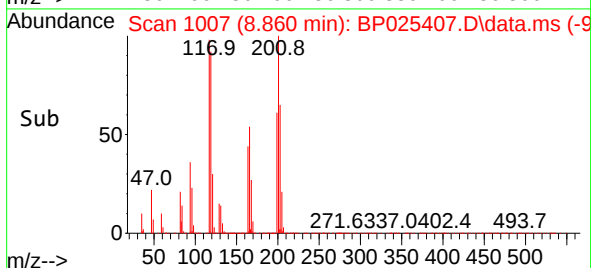
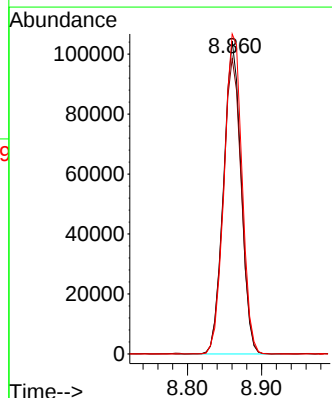
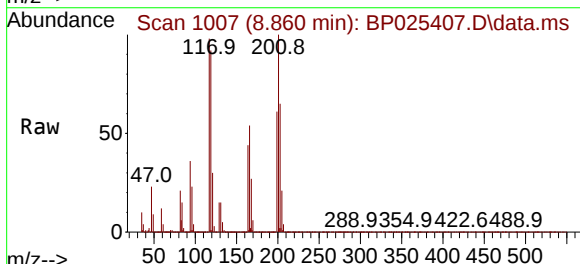
Instrument :
BNA_P
ClientSampleId :
PB169228BS

Tgt Ion:	107	Resp:	386767
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.4	134.0
77	45.6	36.3	54.5
79	46.2	36.6	54.8



#18
Hexachloroethane
Concen: 41.420 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:	117	Resp:	171481
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.1	112.7
201	102.3	80.1	120.1

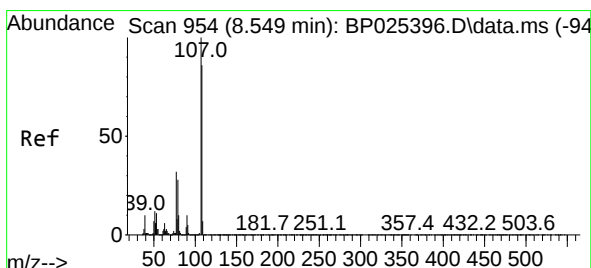
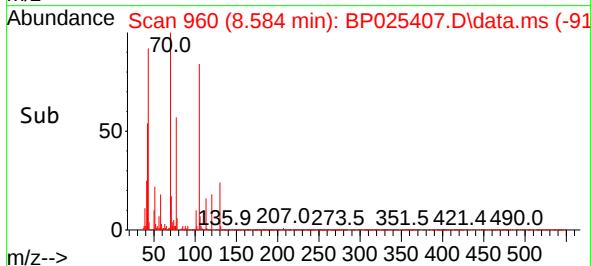
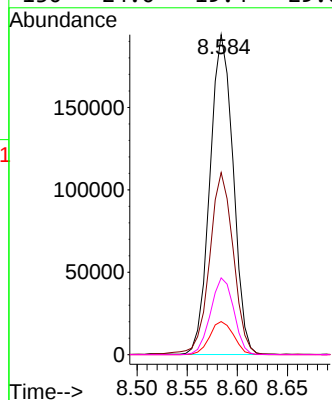
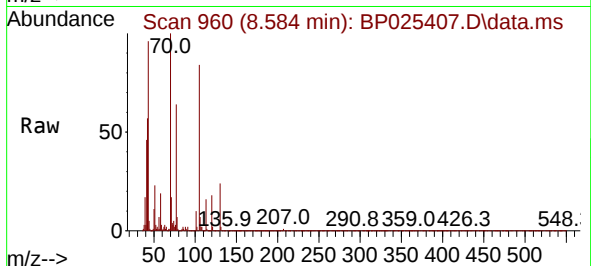




#19
n-Nitroso-di-n-propylamine
Concen: 41.580 ng
RT: 8.584 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

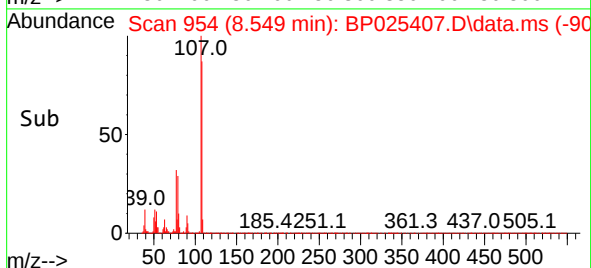
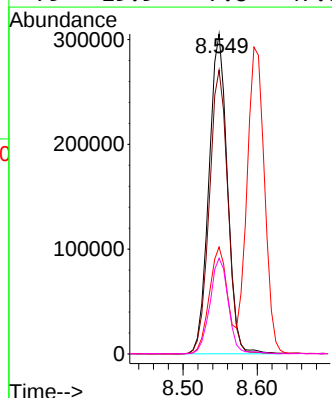
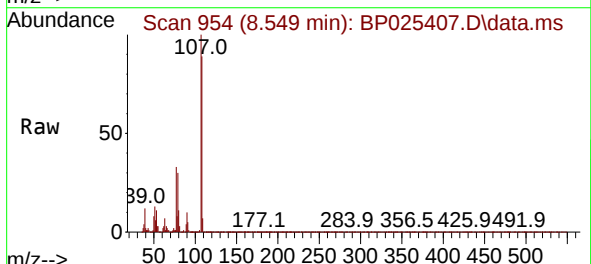
Instrument :
BNA_P
ClientSampleId :
PB169228BS

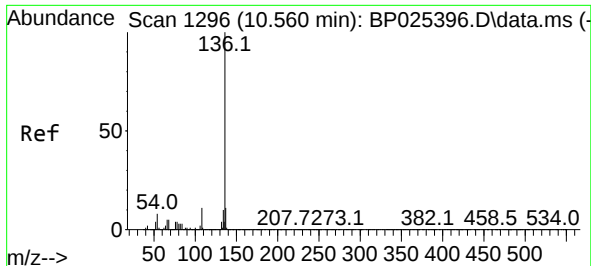
Tgt Ion: 70 Resp: 312622
Ion Ratio Lower Upper
70 100
42 56.9 43.8 65.6
101 10.4 8.5 12.7
130 24.0 19.4 29.0



#20
3+4-Methylphenols
Concen: 46.073 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 107 Resp: 528303
Ion Ratio Lower Upper
107 100
108 88.7 66.3 106.3
77 33.4 12.3 52.3
79 29.9 7.8 47.8

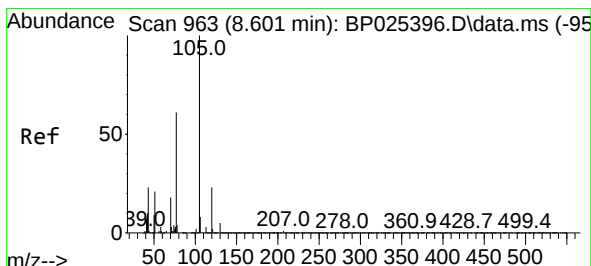
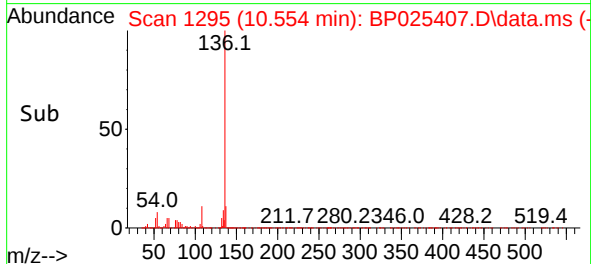
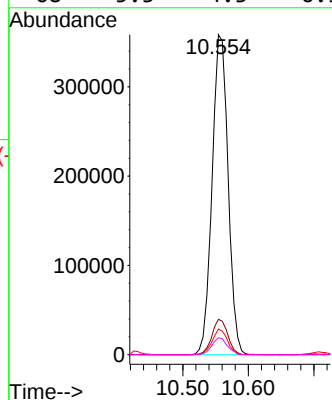
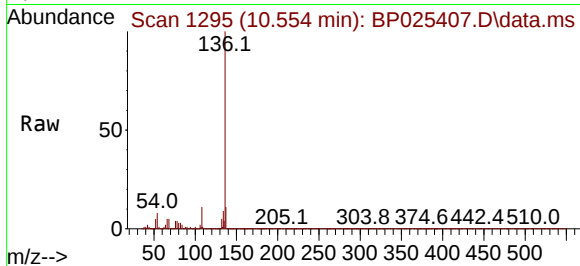




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

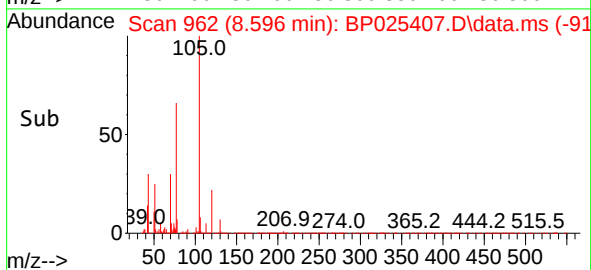
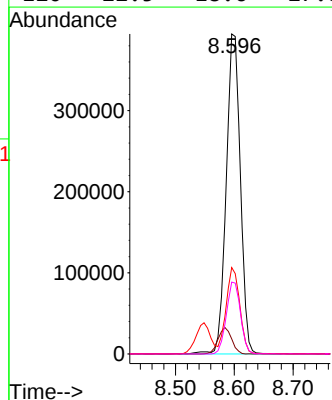
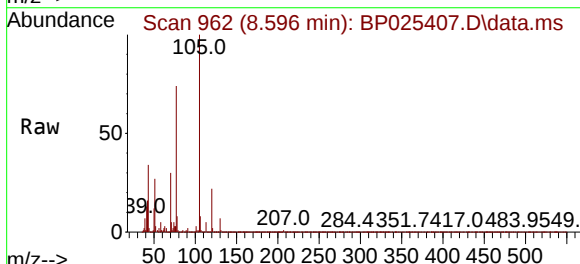
Instrument :
BNA_P
ClientSampleId :
PB169228BS

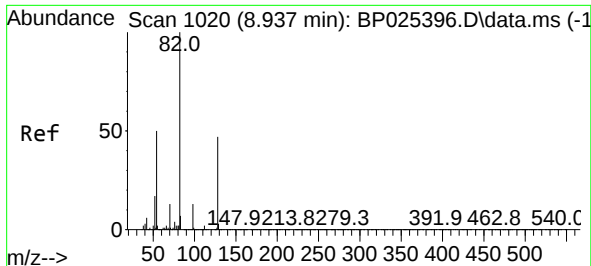
Tgt Ion:	136	Resp:	606682
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.0	6.0	9.0
68	5.3	4.3	6.5



#22
Acetophenone
Concen: 43.279 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:	105	Resp:	658466
Ion	Ratio	Lower	Upper
105	100		
71	4.7	2.6	4.0#
51	27.0	20.6	30.8
120	22.5	18.6	27.8

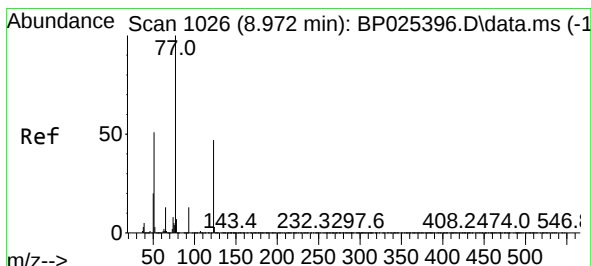
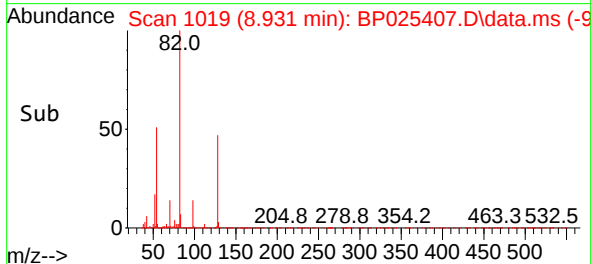
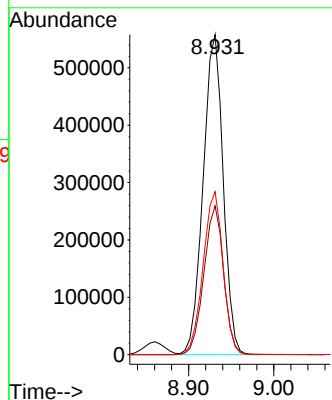
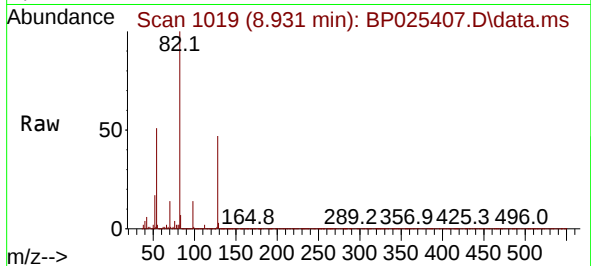




#23
Nitrobenzene-d5
Concen: 75.976 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

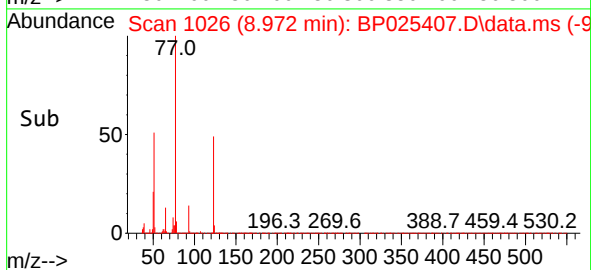
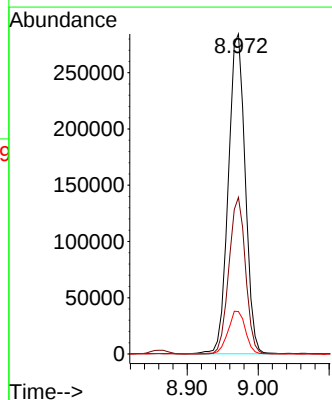
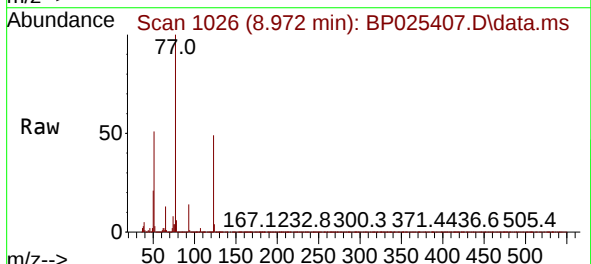
Instrument :
BNA_P
ClientSampleId :
PB169228BS

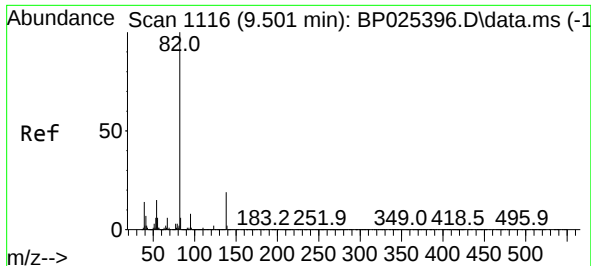
Tgt Ion: 82 Resp: 911194
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 51.0 39.8 59.6



#24
Nitrobenzene
Concen: 43.677 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 77 Resp: 468149
Ion Ratio Lower Upper
77 100
123 49.0 38.6 58.0
65 13.2 10.6 15.8

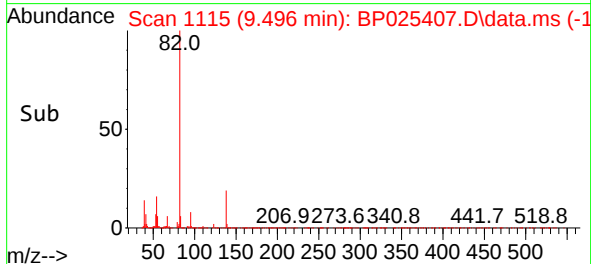
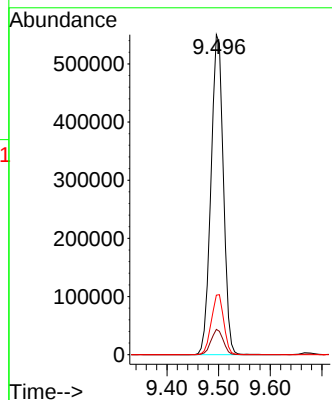
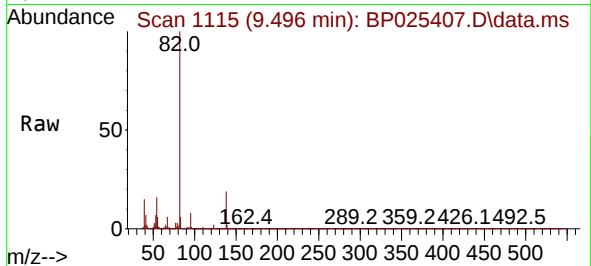




#25
Isophorone
Concen: 43.137 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

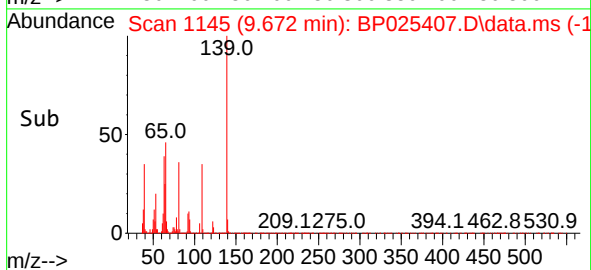
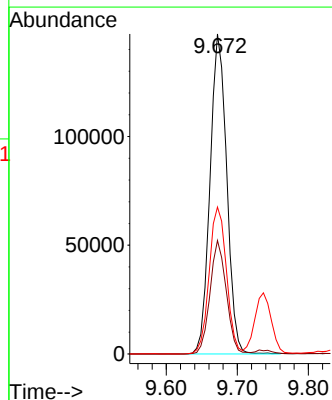
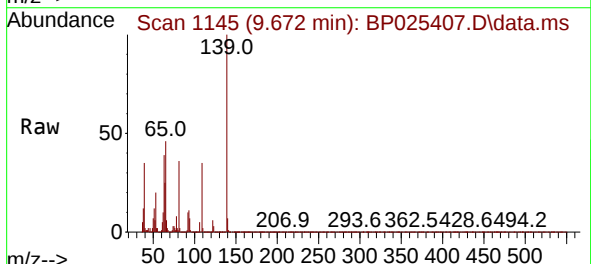
Instrument :
BNA_P
ClientSampleId :
PB169228BS

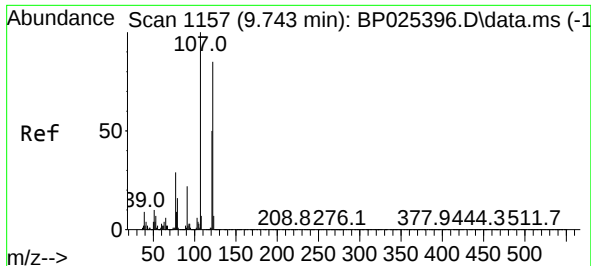
Tgt Ion: 82 Resp: 915580
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.6 15.4 23.0



#26
2-Nitrophenol
Concen: 43.654 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:139 Resp: 240132
Ion Ratio Lower Upper
139 100
109 35.4 26.9 40.3
65 45.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 47.393 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

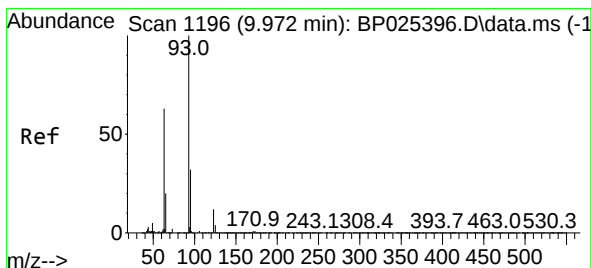
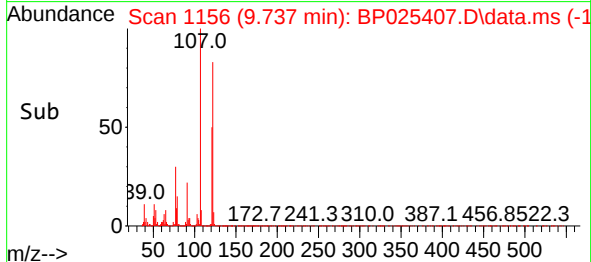
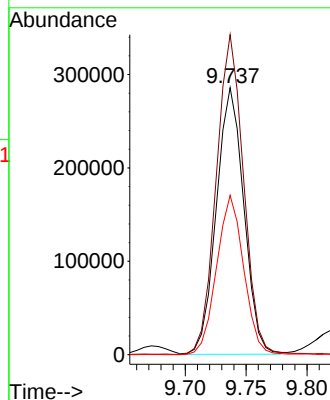
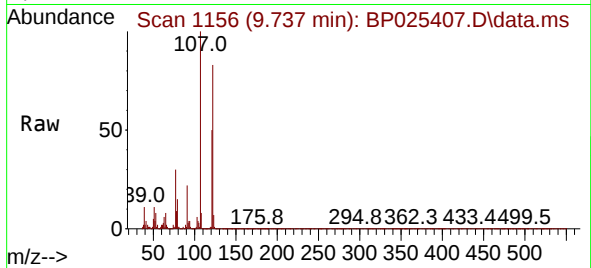
Tgt Ion:122 Resp: 448325

Ion Ratio Lower Upper

122 100

107 119.8 93.7 140.5

121 59.7 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.624 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

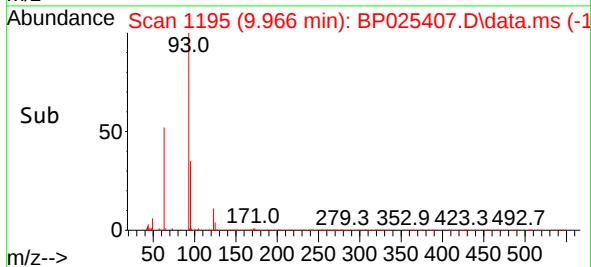
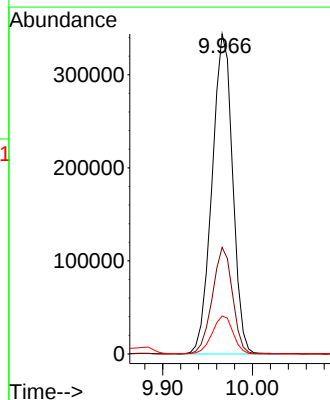
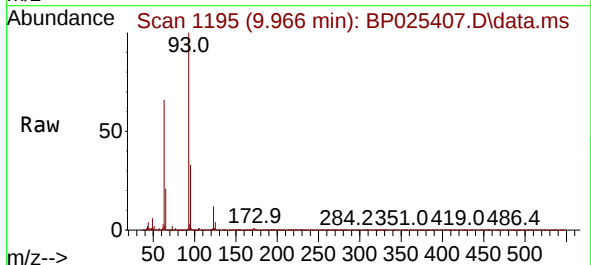
Tgt Ion: 93 Resp: 546870

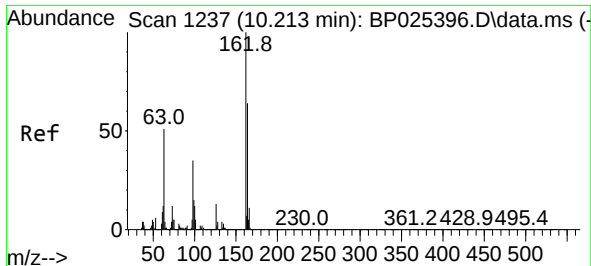
Ion Ratio Lower Upper

93 100

95 33.3 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.808 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

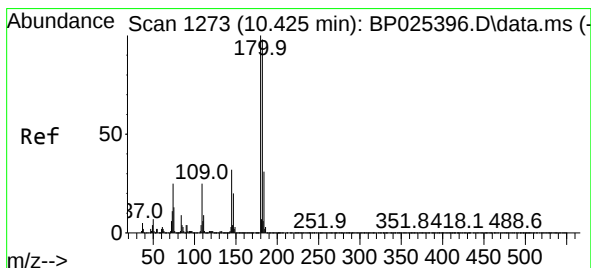
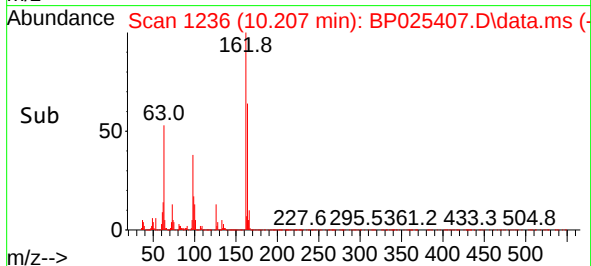
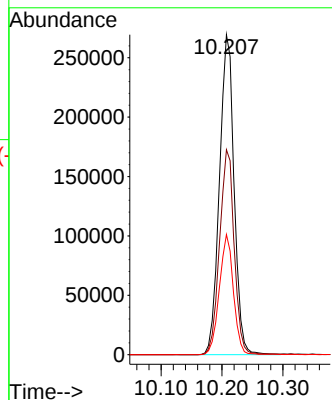
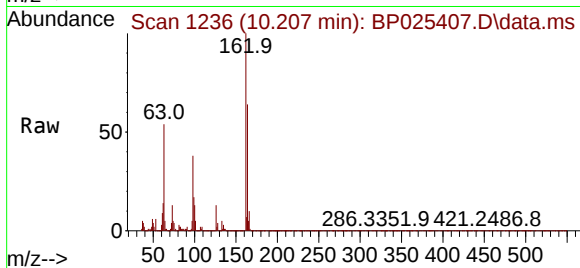
Tgt Ion:162 Resp: 449262

Ion Ratio Lower Upper

162 100

164 64.1 44.4 84.4

98 37.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 42.758 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

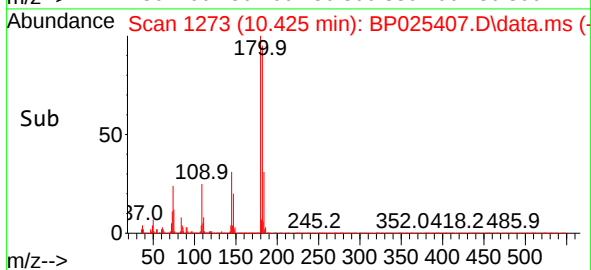
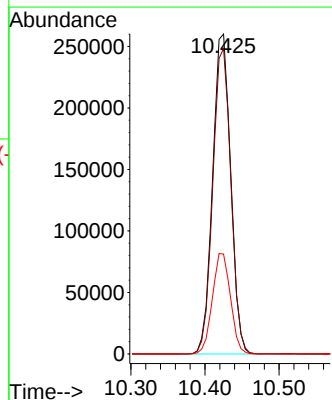
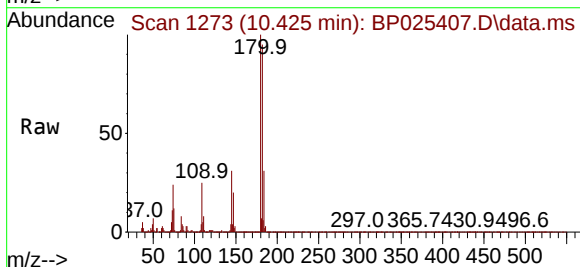
Tgt Ion:180 Resp: 440470

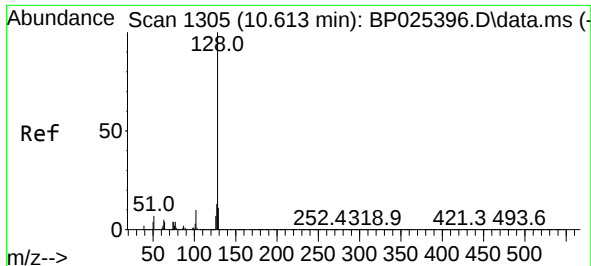
Ion Ratio Lower Upper

180 100

182 95.5 78.0 117.0

145 31.2 25.9 38.9

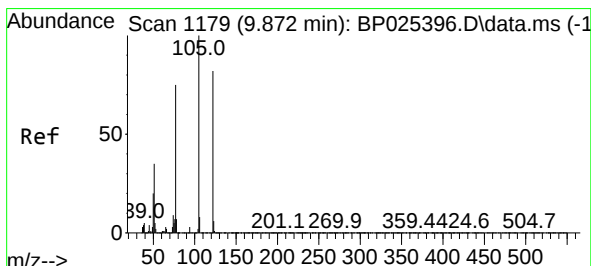
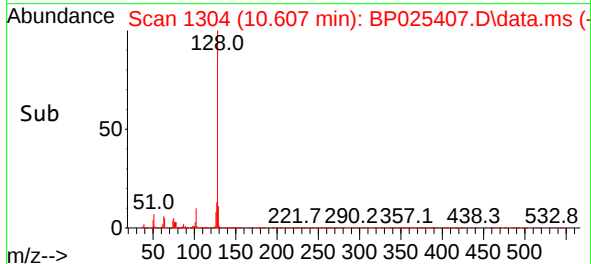
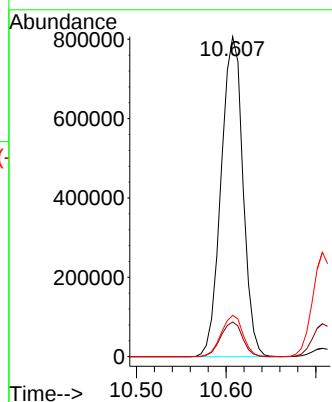
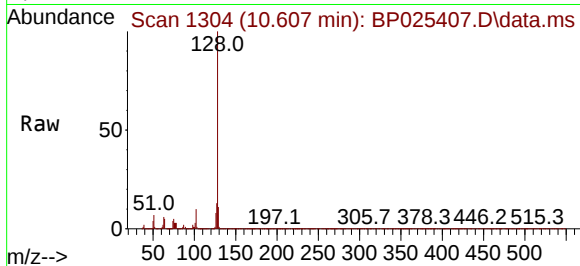




#31
Naphthalene
Concen: 43.171 ng
RT: 10.607 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

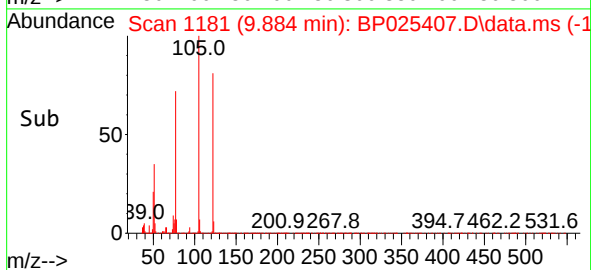
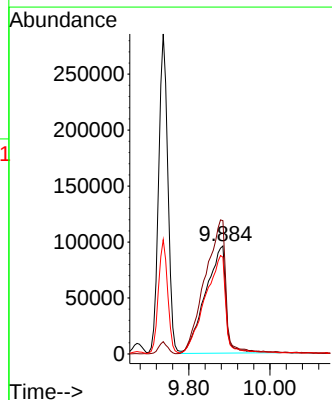
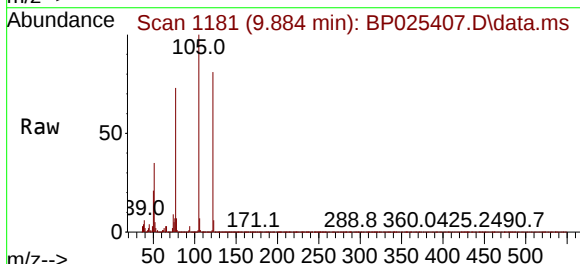
Instrument :
BNA_P
ClientSampleId :
PB169228BS

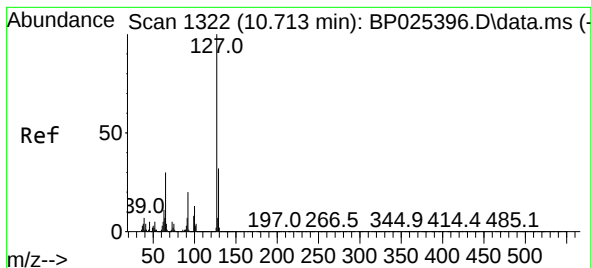
Tgt Ion:128 Resp: 1361279
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 48.155 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:122 Resp: 336308
Ion Ratio Lower Upper
122 100
105 123.4 100.6 140.6
77 89.6 71.5 111.5

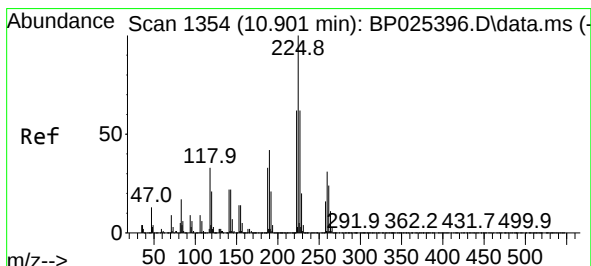
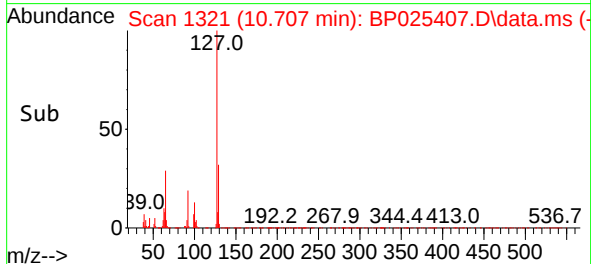
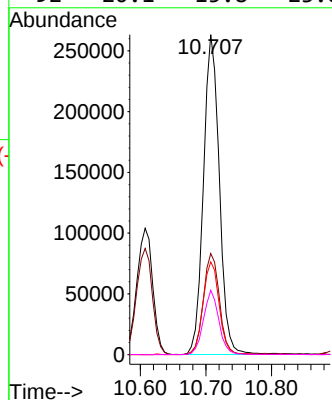
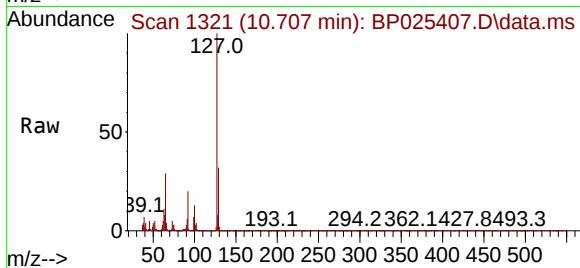




#33
4-Chloroaniline
Concen: 31.964 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

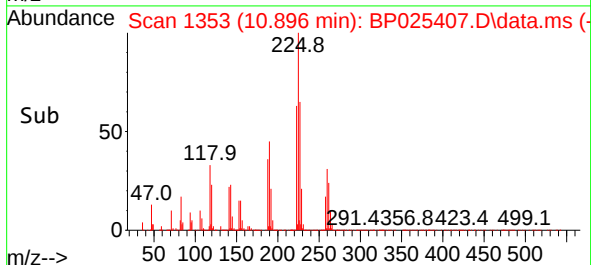
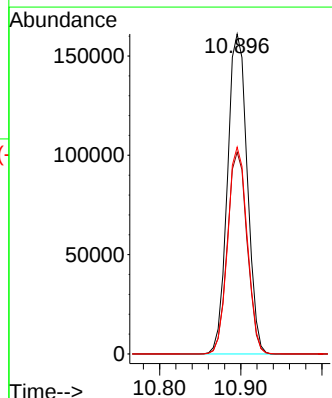
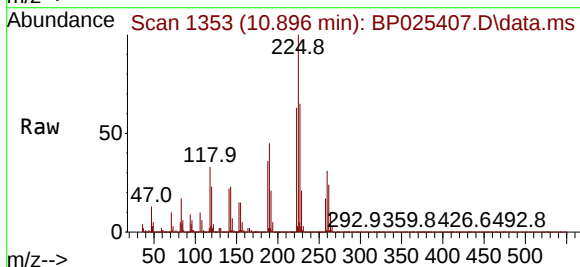
Instrument :
BNA_P
ClientSampleId :
PB169228BS

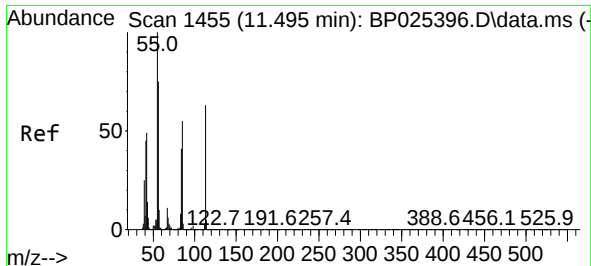
Tgt Ion:	127	Resp:	445208
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.2
65	29.0	23.8	35.6
92	20.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.429 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:	225	Resp:	272205
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	64.7	49.7	74.5

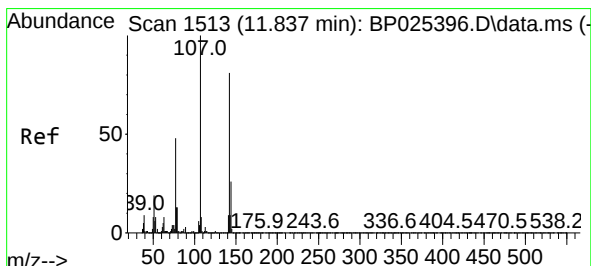
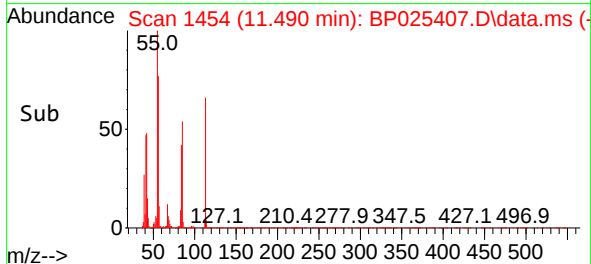
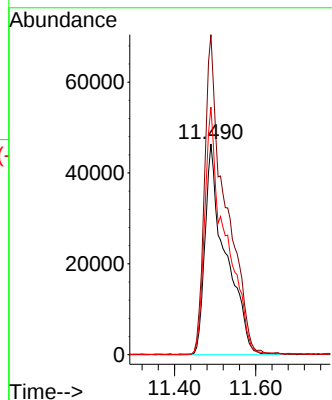
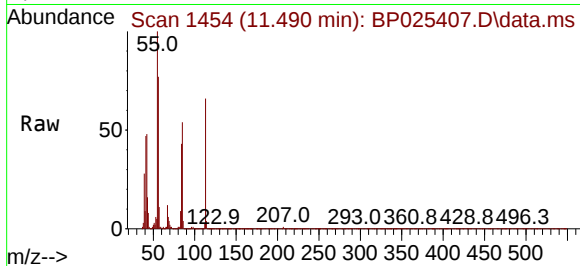




#35
Caprolactam
Concen: 47.021 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

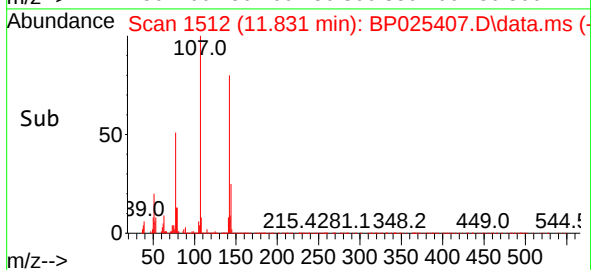
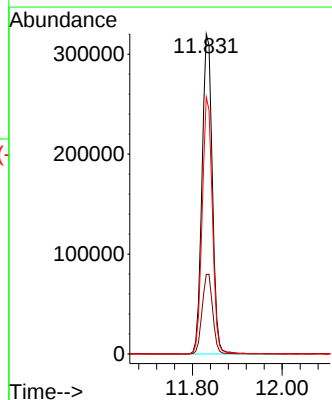
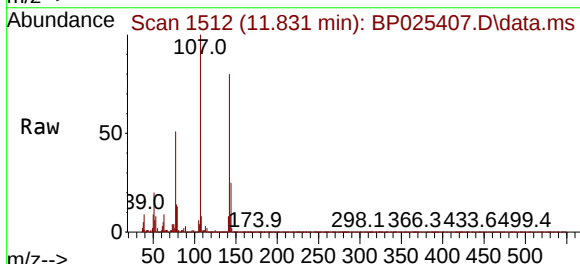
Instrument :
BNA_P
ClientSampleId :
PB169228BS

Tgt Ion:113 Resp: 162024
Ion Ratio Lower Upper
113 100
55 151.8 140.0 180.0
56 117.4 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 47.415 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:107 Resp: 511279
Ion Ratio Lower Upper
107 100
144 24.9 21.0 31.4
142 80.3 64.6 97.0

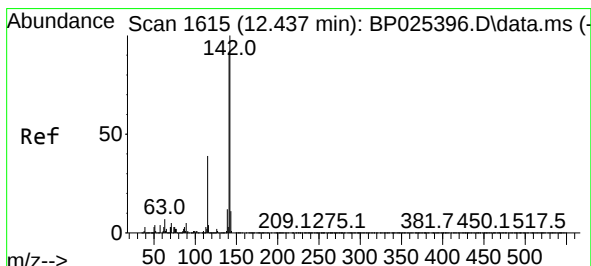
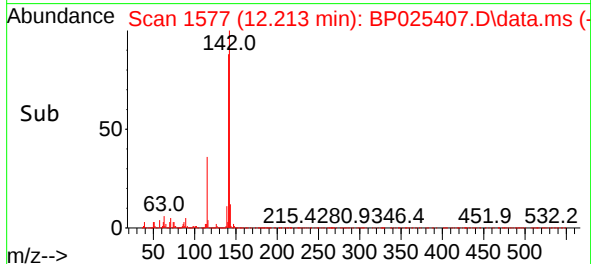
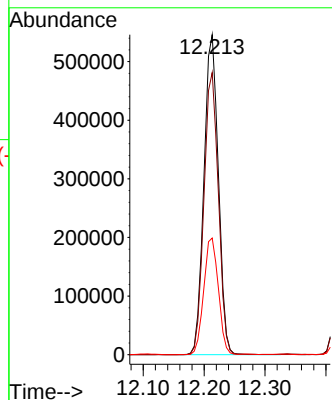
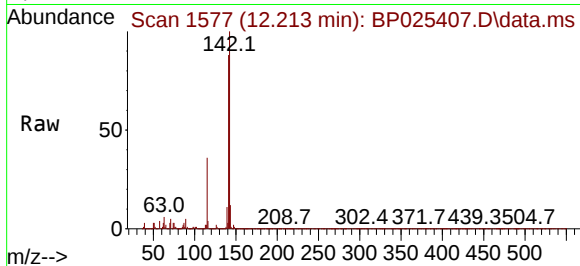




#37
2-Methylnaphthalene
Concen: 43.644 ng
RT: 12.213 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

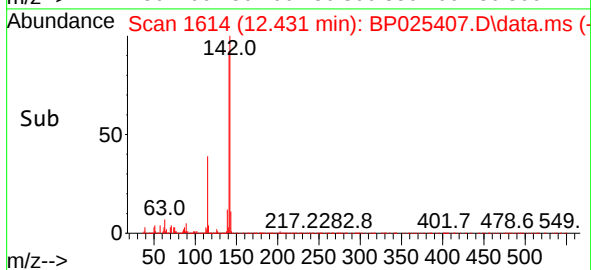
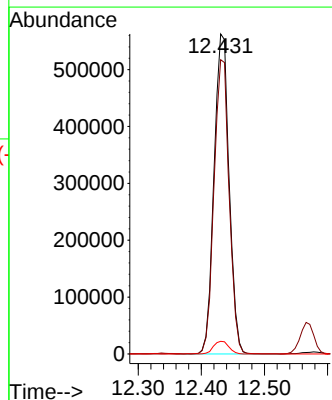
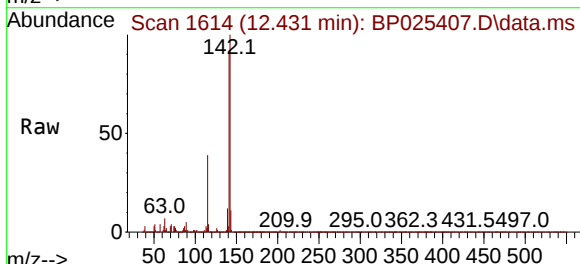
Instrument :
BNA_P
ClientSampleId :
PB169228BS

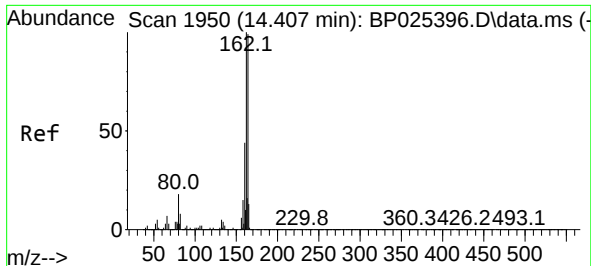
Tgt Ion:142 Resp: 895593
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 36.5 28.9 43.3



#38
1-Methylnaphthalene
Concen: 42.748 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:142 Resp: 932869
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7
116 3.9 3.2 4.8

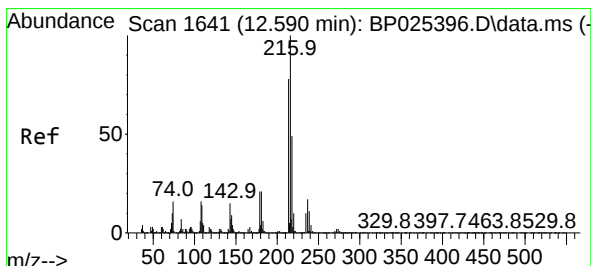
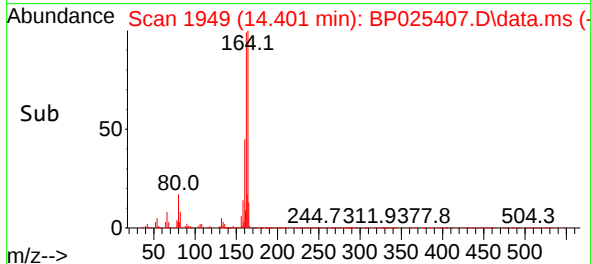
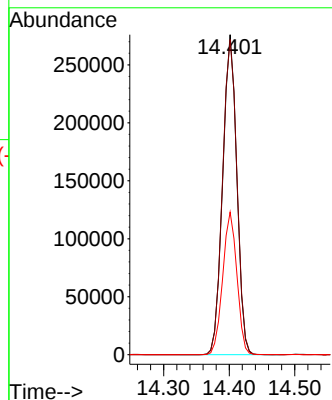
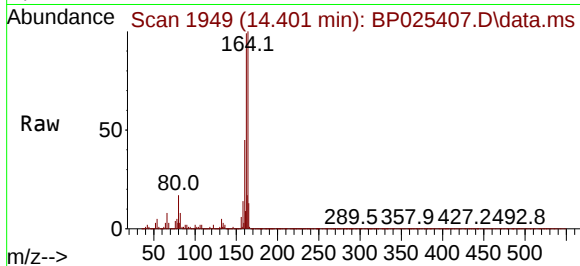




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

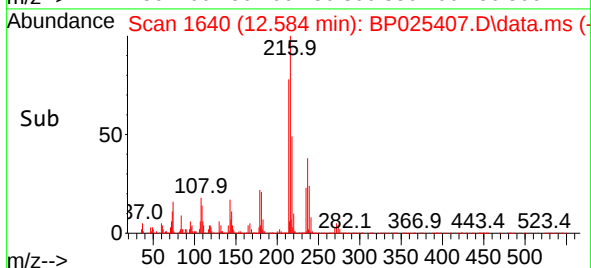
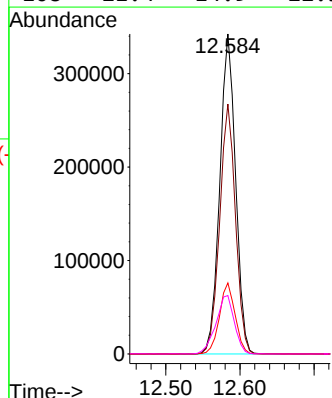
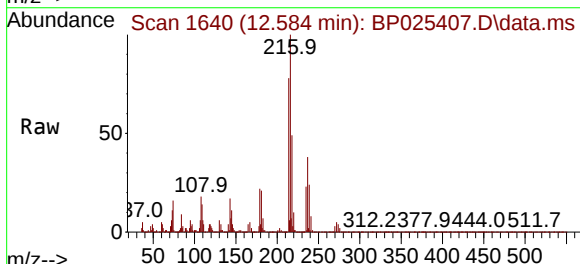
Instrument :
BNA_P
ClientSampleId :
PB169228BS

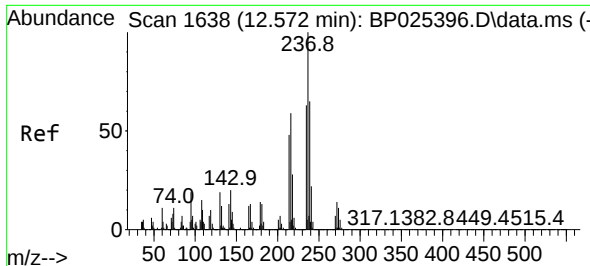
Tgt Ion:164 Resp: 410001
Ion Ratio Lower Upper
164 100
162 98.5 81.0 121.6
160 44.6 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.771 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:216 Resp: 506460
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 22.0 17.1 25.7
108 21.4 14.9 22.3

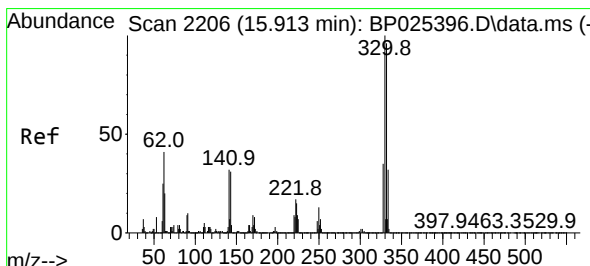
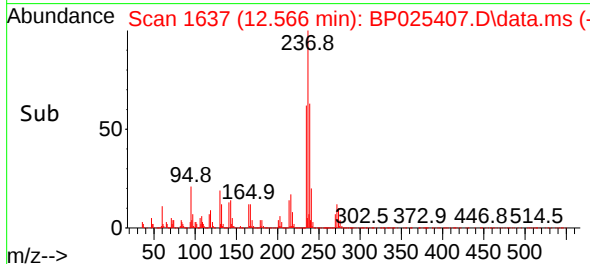
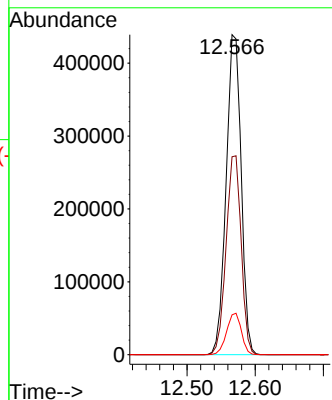
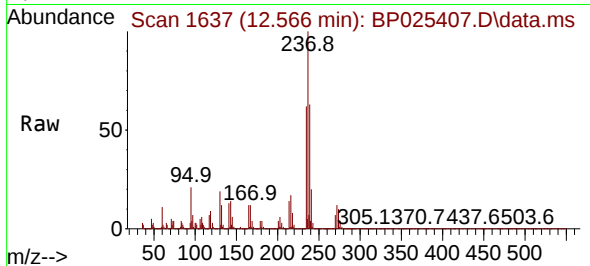




#41
Hexachlorocyclopentadiene
Concen: 94.204 ng
RT: 12.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

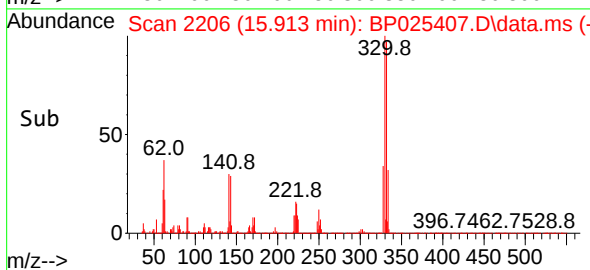
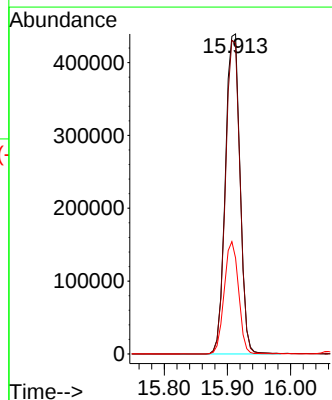
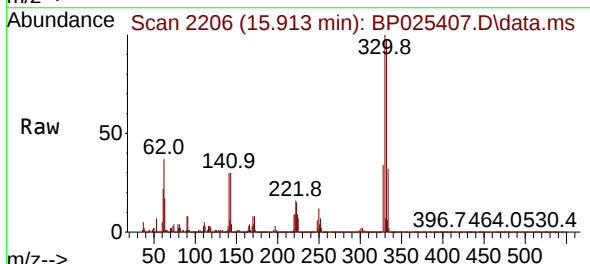
Instrument :
BNA_P
ClientSampleId :
PB169228BS

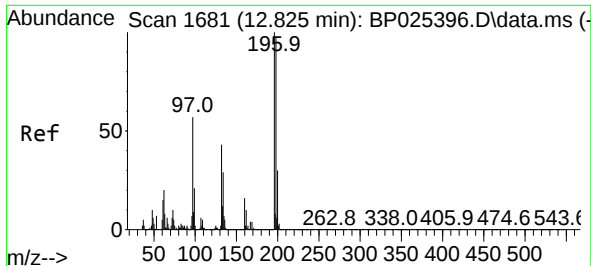
Tgt Ion:237 Resp: 673801
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 12.5 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 128.223 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:330 Resp: 707616
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 34.4 26.6 39.8

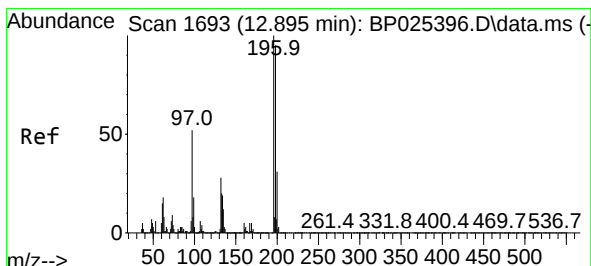
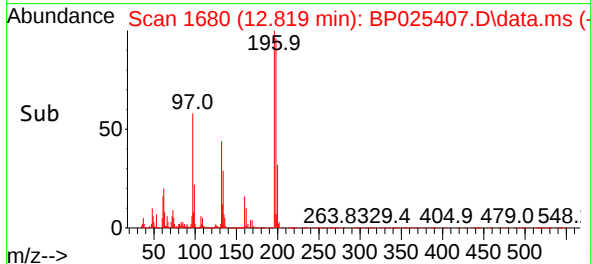
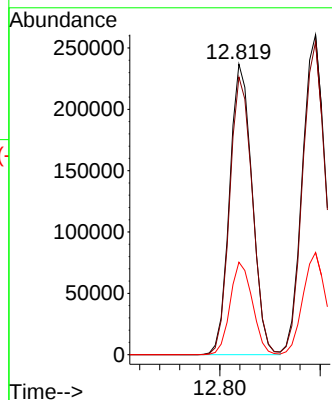
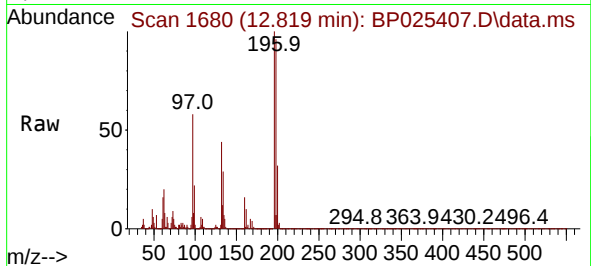




#43
2,4,6-Trichlorophenol
Concen: 46.461 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

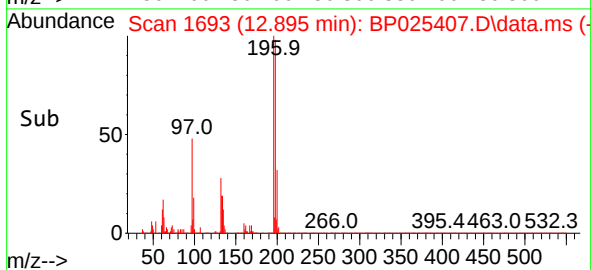
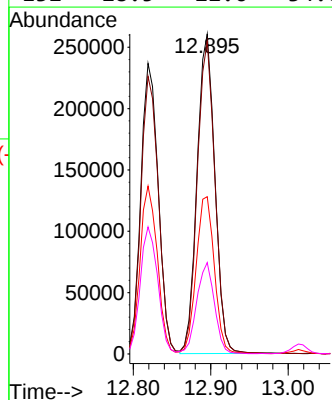
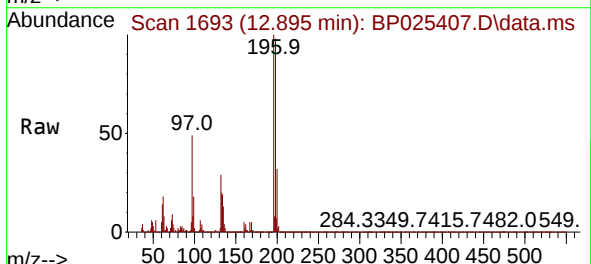
Instrument :
BNA_P
ClientSampleId :
PB169228BS

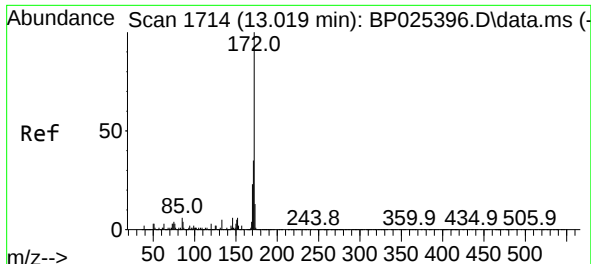
Tgt Ion:196 Resp: 371415
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
200 31.9 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 47.579 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:196 Resp: 416860
Ion Ratio Lower Upper
196 100
198 97.8 76.2 114.2
97 49.2 41.2 61.8
132 28.5 22.6 34.0

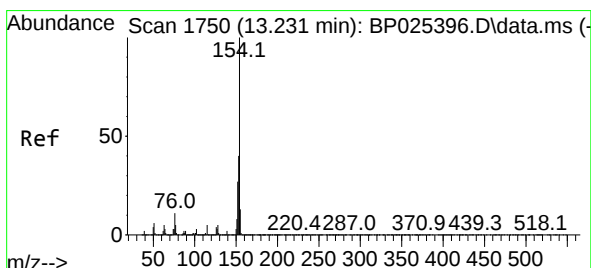
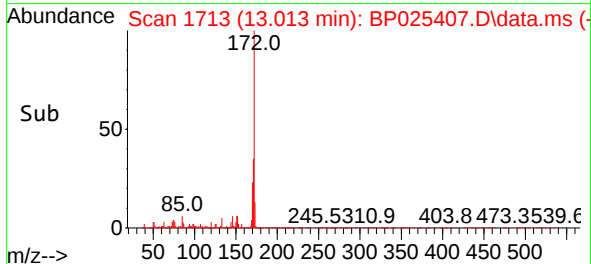
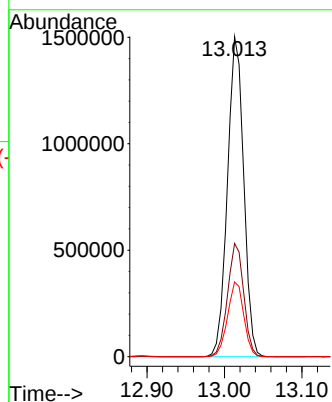
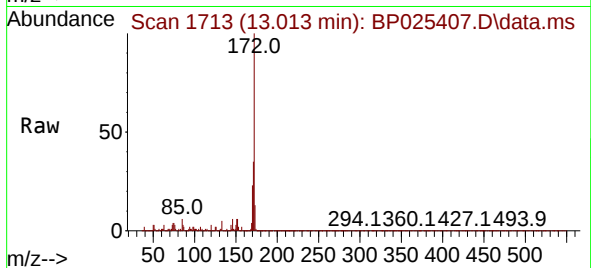




#45
2-Fluorobiphenyl
Concen: 73.213 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

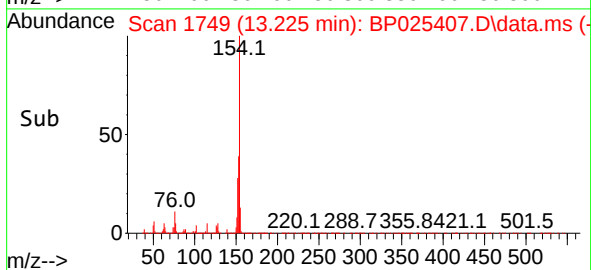
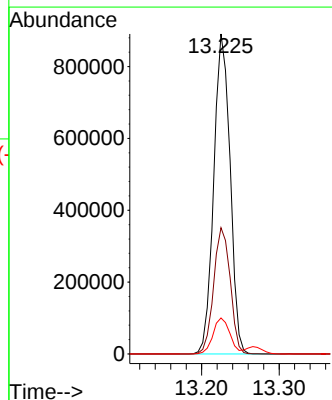
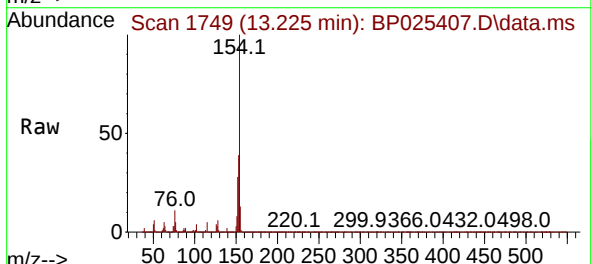
Instrument :
BNA_P
ClientSampleId :
PB169228BS

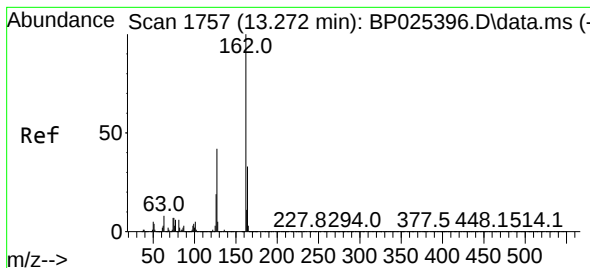
Tgt Ion:172 Resp: 2196374
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.798 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:154 Resp: 1304149
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.855 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

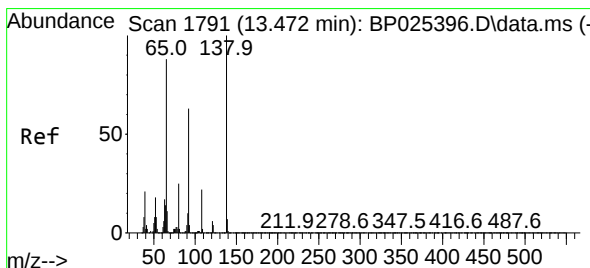
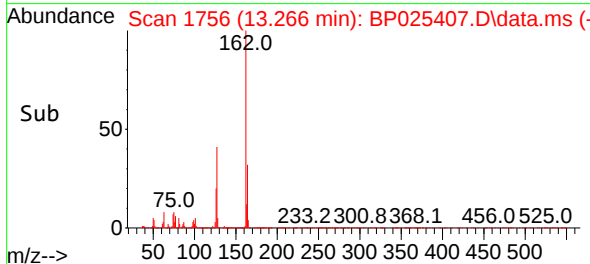
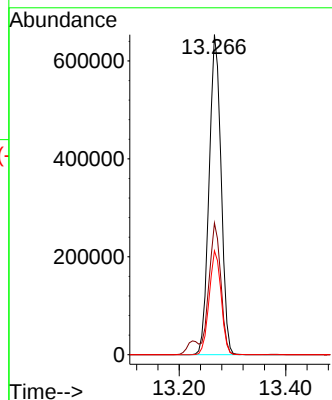
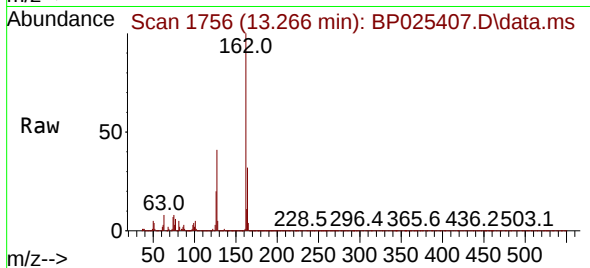
Tgt Ion:162 Resp: 1016595

Ion Ratio Lower Upper

162 100

127 41.1 33.4 50.2

164 32.4 26.2 39.2



#48

2-Nitroaniline

Concen: 46.623 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

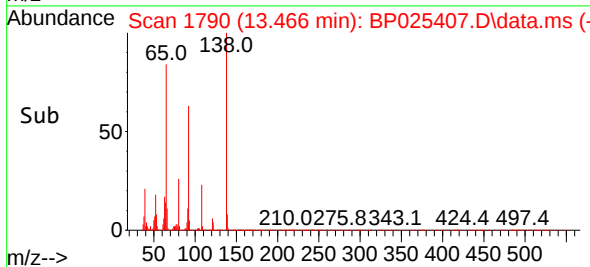
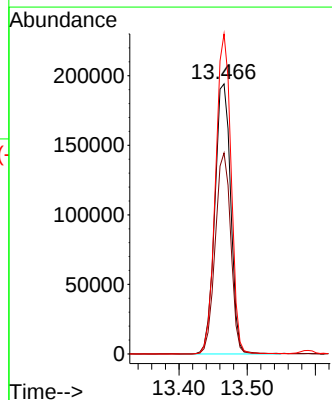
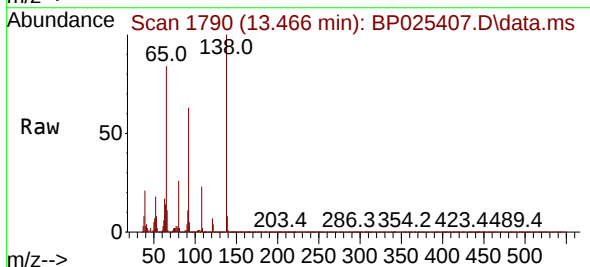
Tgt Ion: 65 Resp: 314909

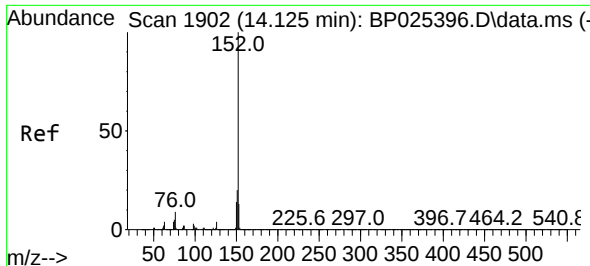
Ion Ratio Lower Upper

65 100

92 74.4 57.6 86.4

138 118.5 91.0 136.6

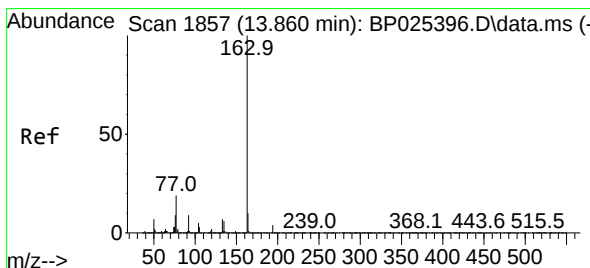
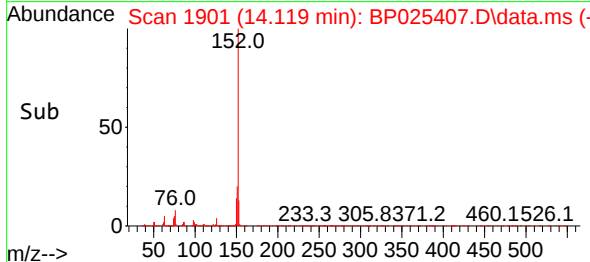
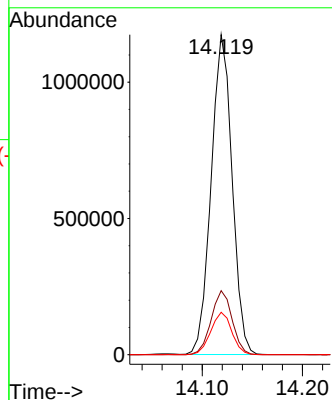
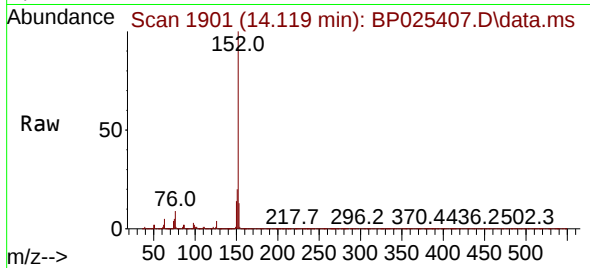




#49
Acenaphthylene
Concen: 44.492 ng
RT: 14.119 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

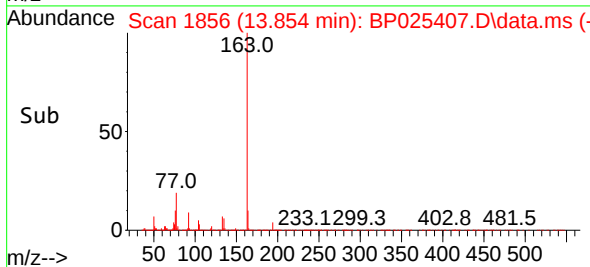
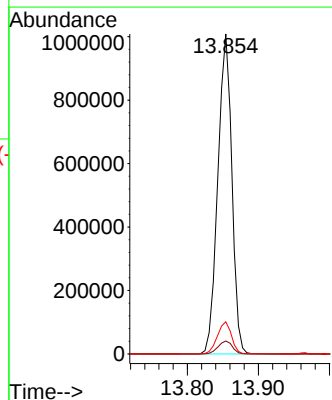
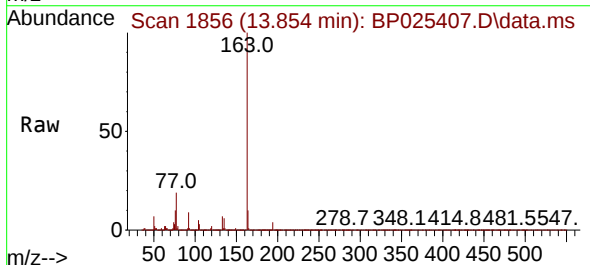
Instrument :
BNA_P
ClientSampleId :
PB169228BS

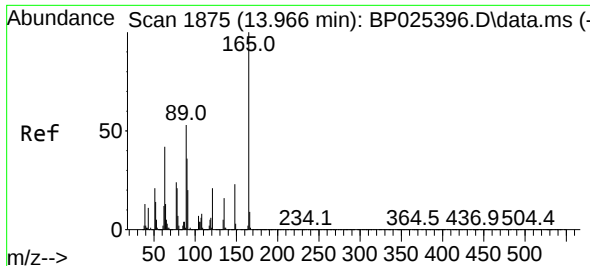
Tgt Ion:152 Resp: 1706619
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 45.780 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:163 Resp: 1374506
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 7.9 11.9

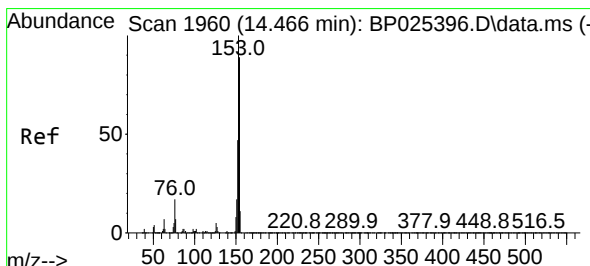
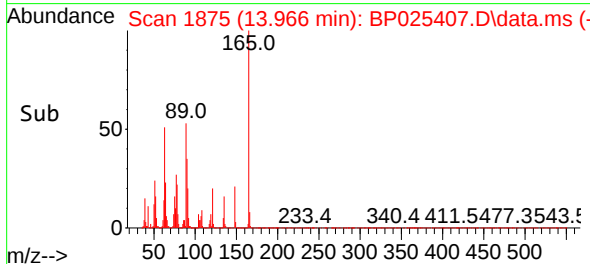
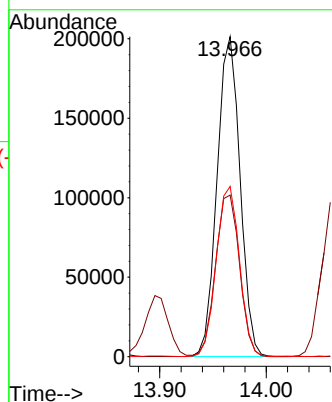
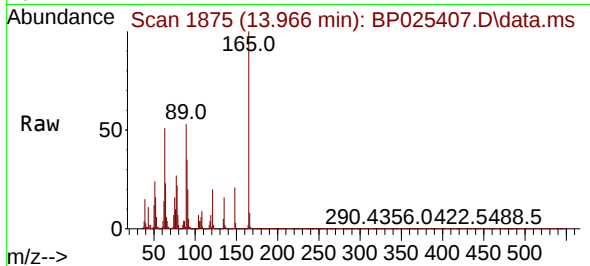




#51
2,6-Dinitrotoluene
Concen: 47.635 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

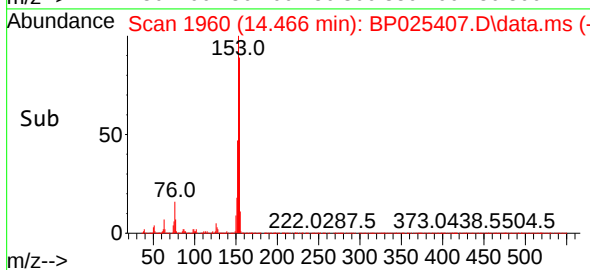
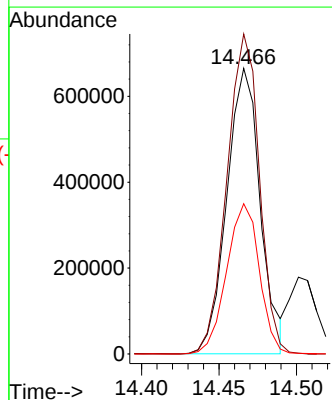
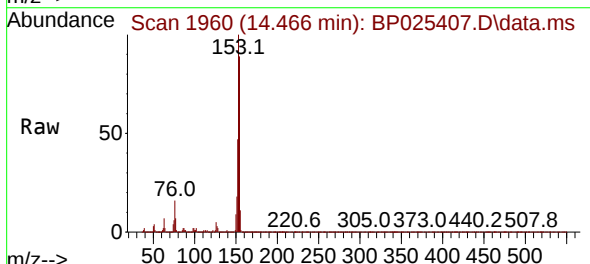
Instrument :
BNA_P
ClientSampleId :
PB169228BS

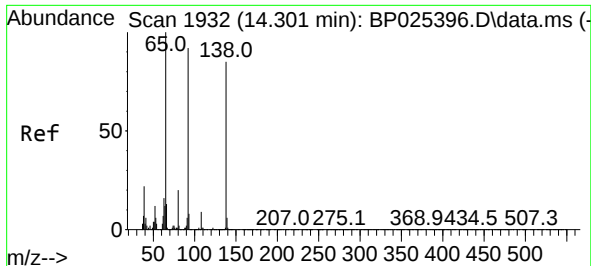
Tgt Ion:165 Resp: 301444
Ion Ratio Lower Upper
165 100
63 50.5 40.9 61.3
89 53.2 42.1 63.1



#52
Acenaphthene
Concen: 44.278 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:154 Resp: 996925
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 52.6 42.1 63.1

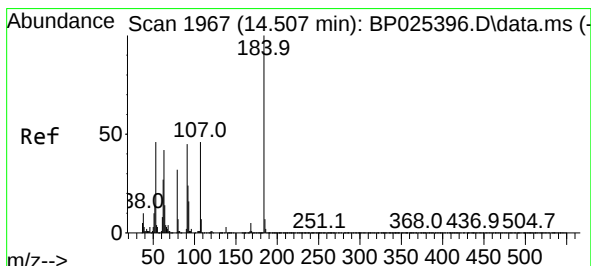
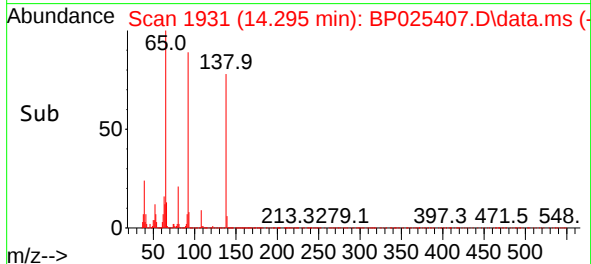
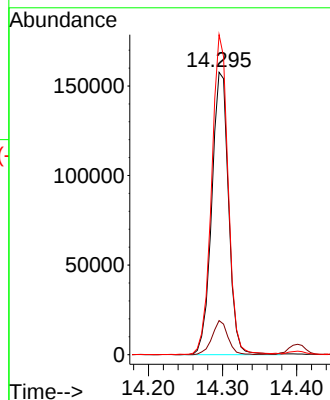
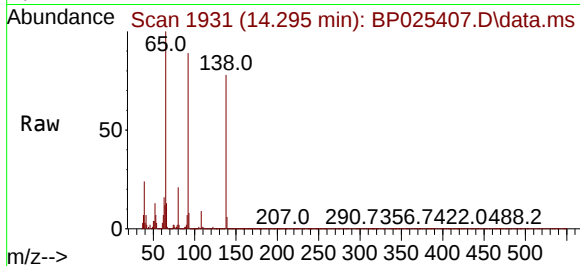




#53
3-Nitroaniline
Concen: 34.892 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

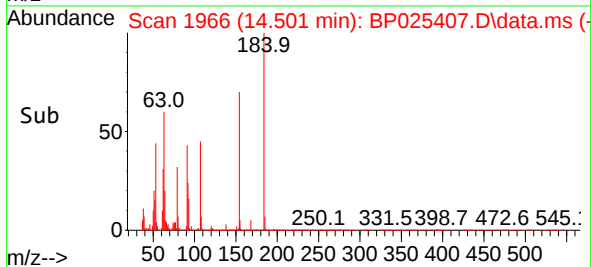
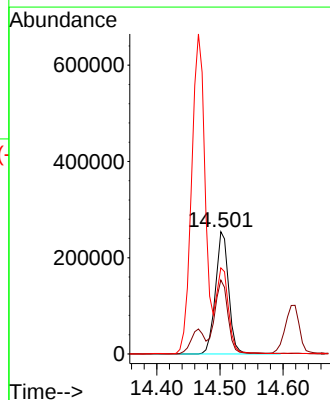
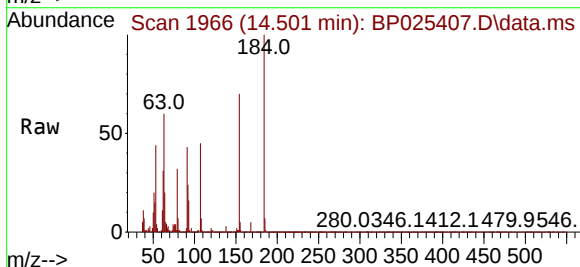
Instrument :
BNA_P
ClientSampleId :
PB169228BS

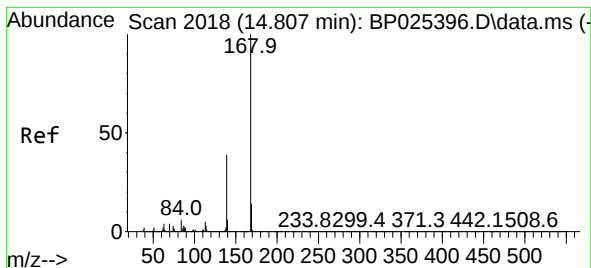
Tgt Ion:138 Resp: 248427
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 113.3 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 109.516 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:184 Resp: 370101
Ion Ratio Lower Upper
184 100
63 60.5 49.4 74.2
154 70.4 54.6 82.0





#55

Dibenzenofuran

Concen: 44.166 ng

RT: 14.801 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

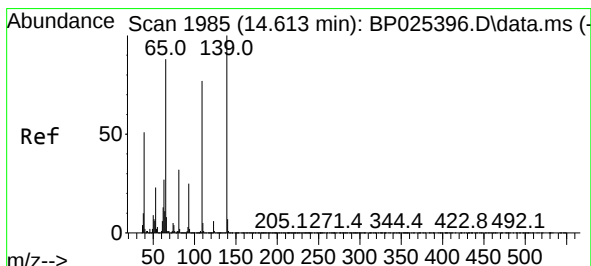
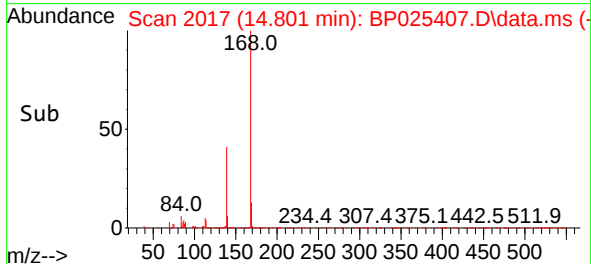
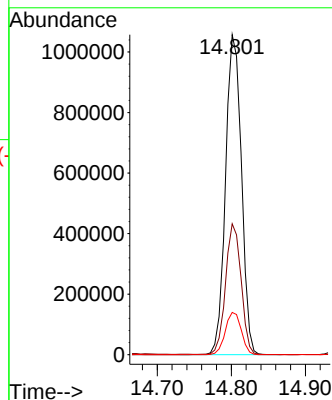
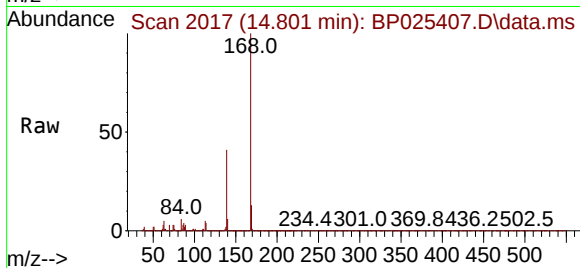
Tgt Ion:168 Resp: 1572174

Ion Ratio Lower Upper

168 100

139 40.9 31.5 47.3

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 96.372 ng

RT: 14.619 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

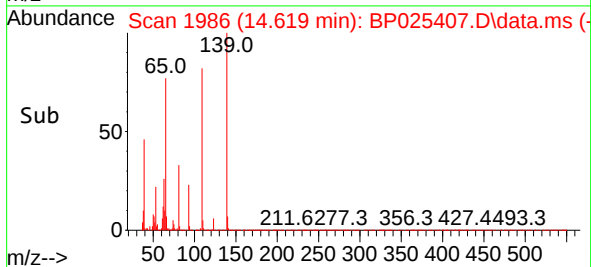
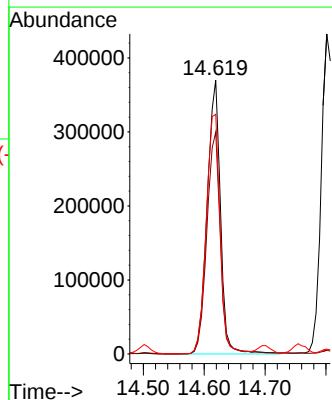
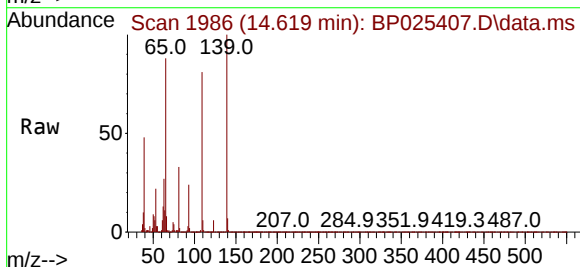
Tgt Ion:139 Resp: 563832

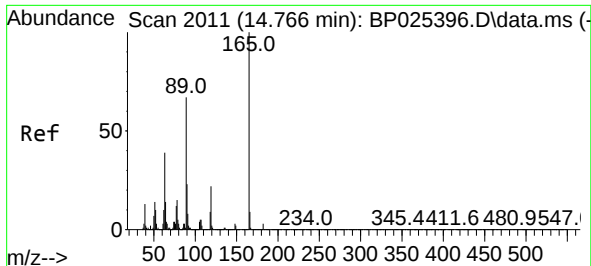
Ion Ratio Lower Upper

139 100

109 81.0 56.6 96.6

65 87.6 68.2 108.2

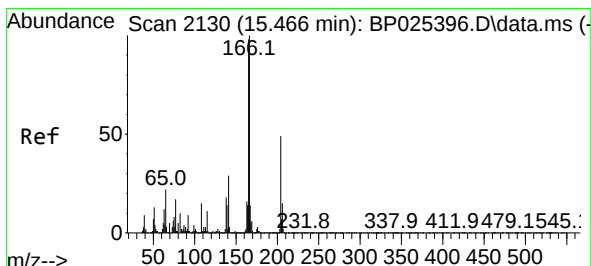
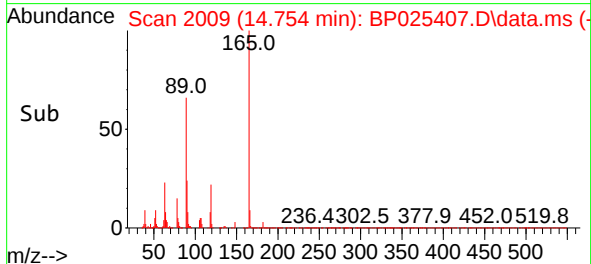
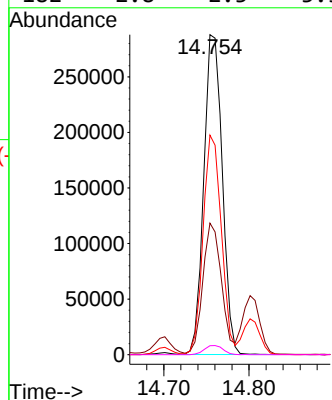
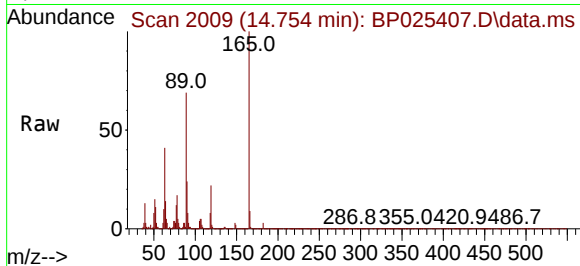




#57
2,4-Dinitrotoluene
Concen: 48.036 ng
RT: 14.754 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

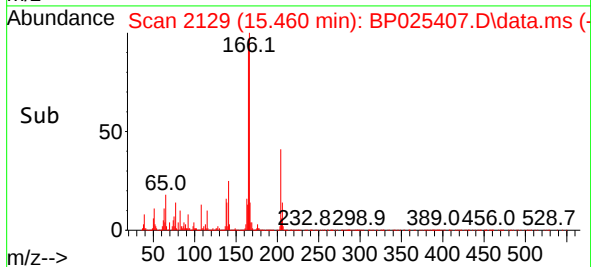
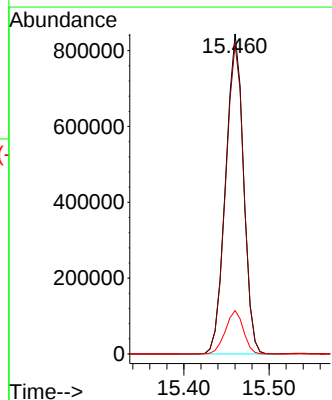
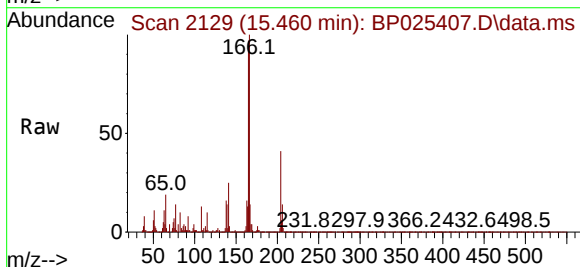
Instrument :
BNA_P
ClientSampleId :
PB169228BS

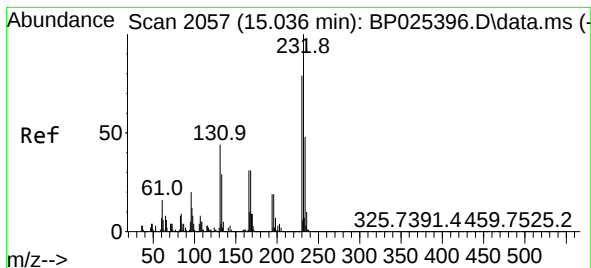
Tgt Ion:165 Resp: 433702
Ion Ratio Lower Upper
165 100
63 41.1 31.4 47.2
89 68.6 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.839 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:166 Resp: 1231357
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 13.5 11.0 16.4



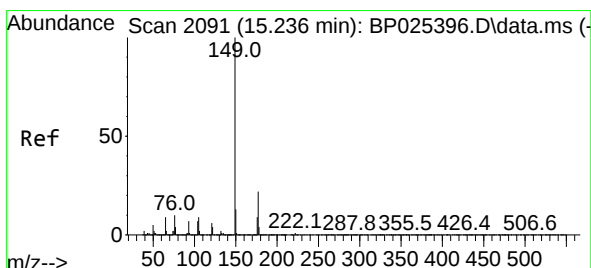
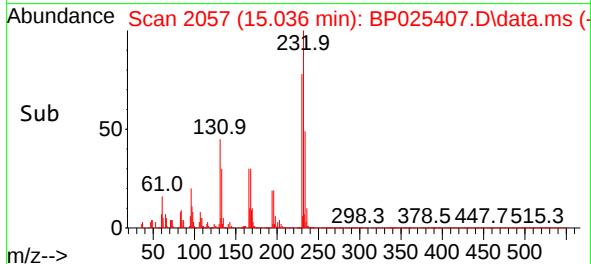
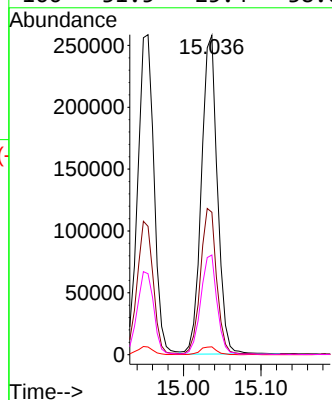
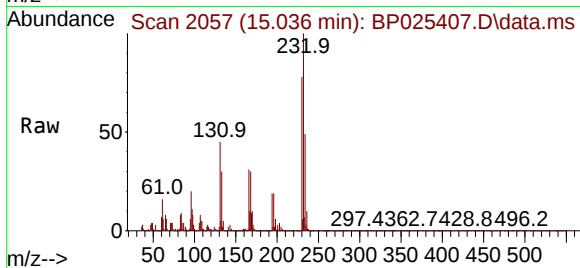


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.768 ng
RT: 15.036 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

Tgt Ion:232 Resp: 369543

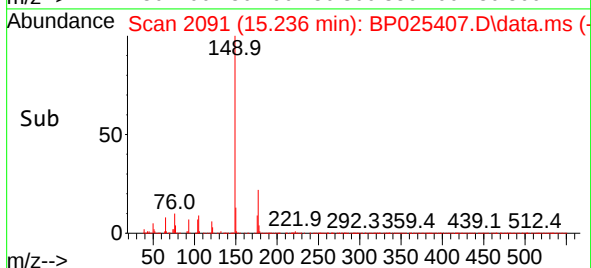
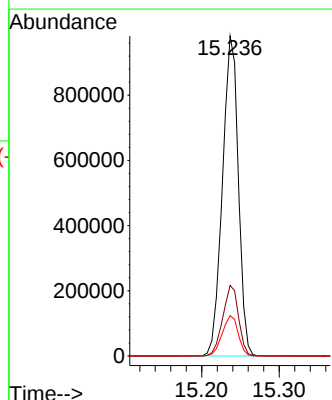
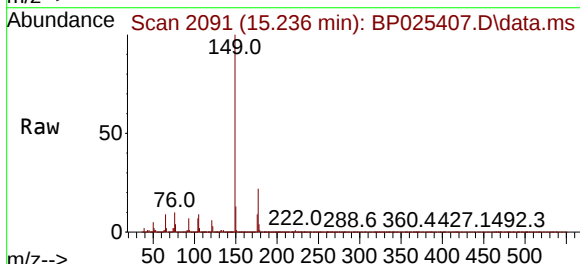
Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.0	55.6
130	2.5	1.9	2.9
166	31.5	25.4	38.0

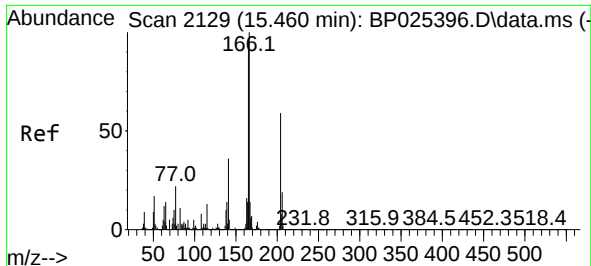


#60
Diethylphthalate
Concen: 45.748 ng
RT: 15.236 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:149 Resp: 1395643

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.6	10.3	15.5

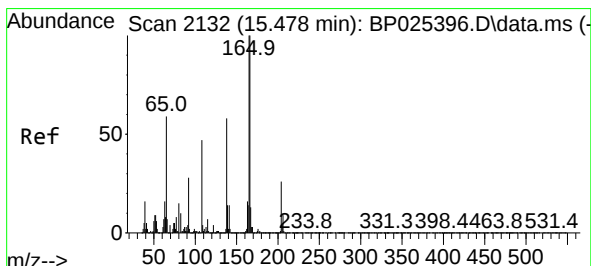
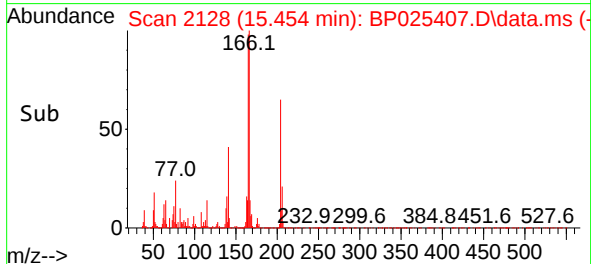
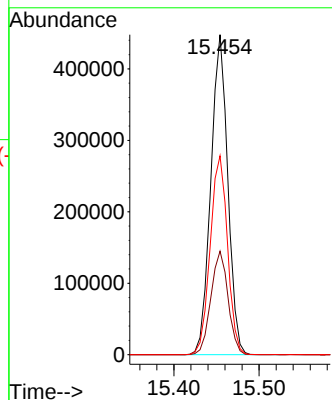
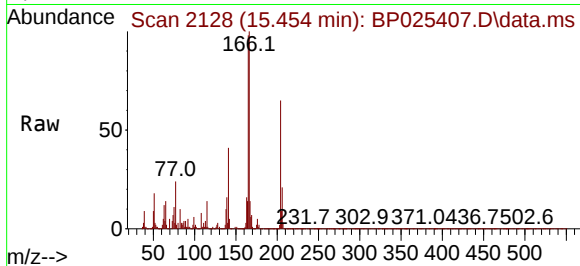




#61
4-Chlorophenyl-phenylether
Concen: 44.228 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

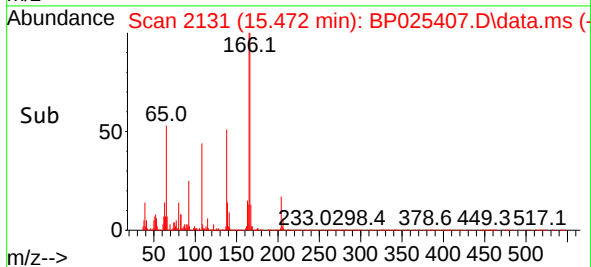
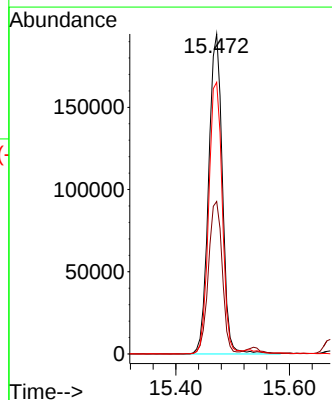
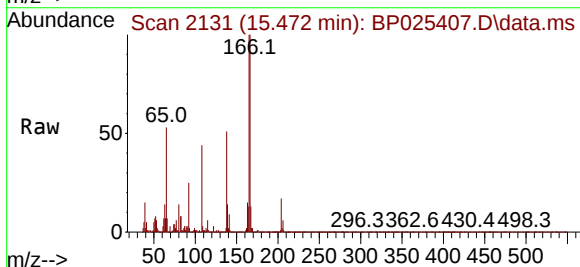
Instrument :
BNA_P
ClientSampleId :
PB169228BS

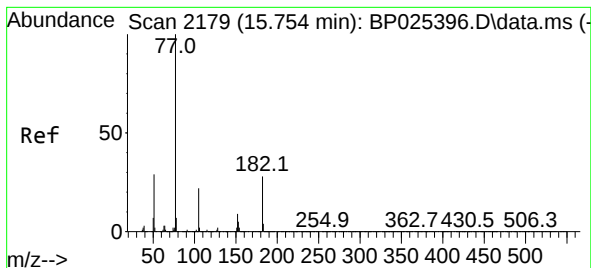
Tgt Ion:204 Resp: 617842
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 62.2 49.4 74.2



#62
4-Nitroaniline
Concen: 44.688 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:138 Resp: 326180
Ion Ratio Lower Upper
138 100
92 47.7 29.1 69.1
108 84.9 61.5 101.5



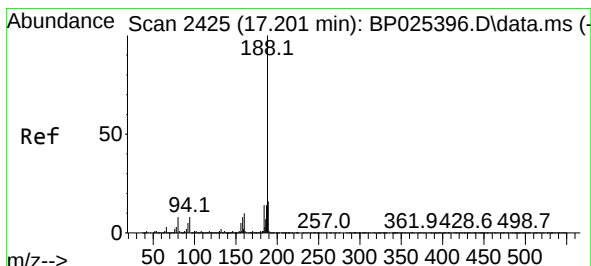
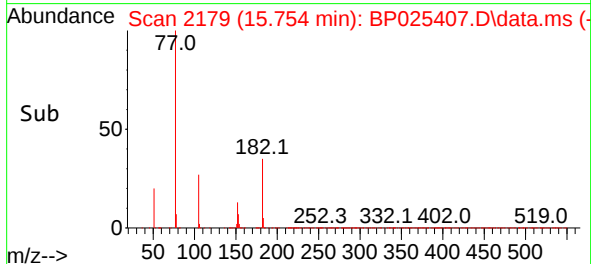
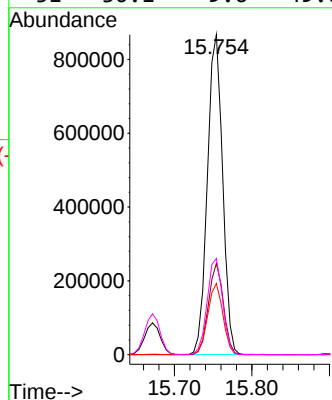
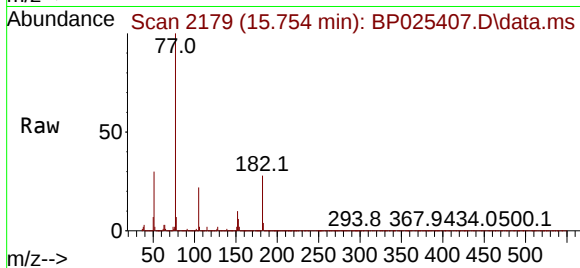


#63
Azobenzene
Concen: 45.267 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

Tgt Ion: 77 Resp: 1182478

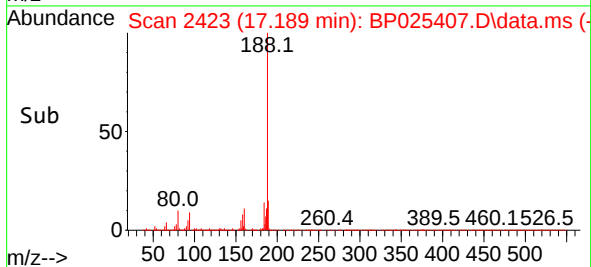
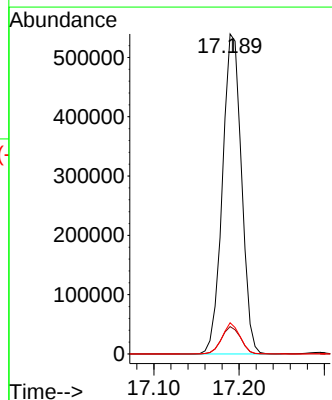
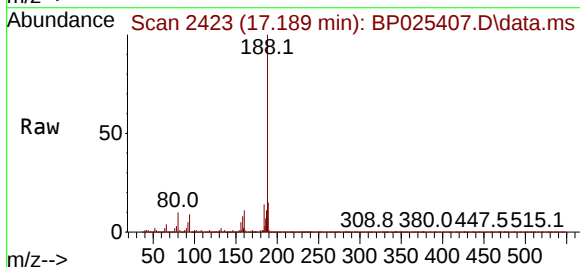
Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.5	47.5
105	22.2	2.1	42.1
51	30.1	9.6	49.6

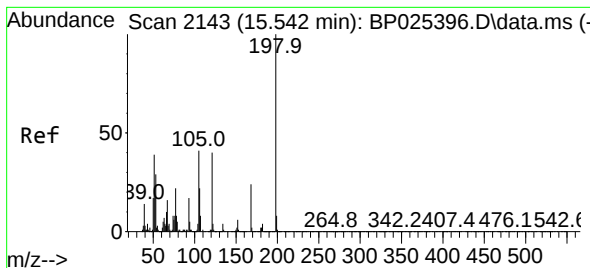


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 188 Resp: 838541

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.8	6.7	10.1

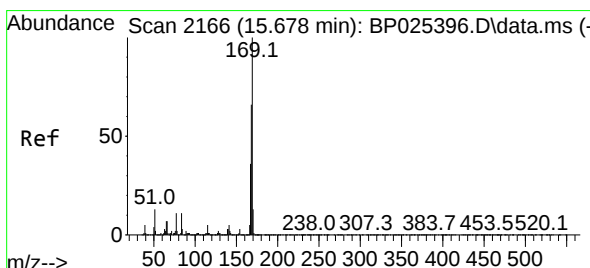
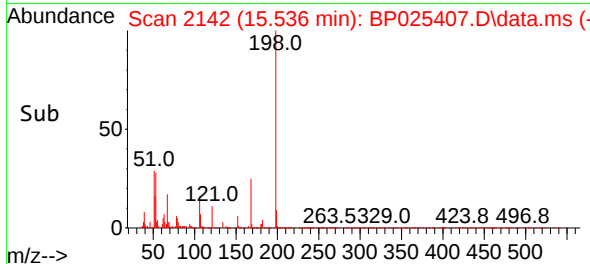
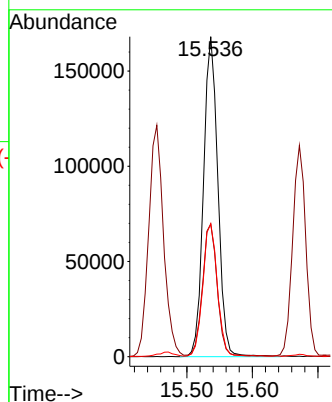
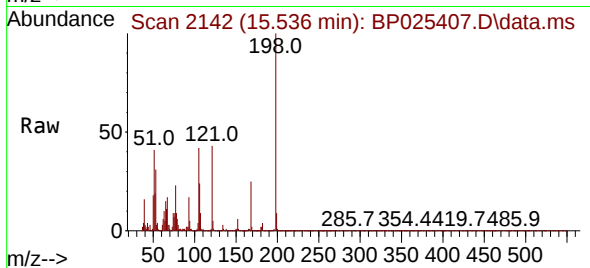




#65
4,6-Dinitro-2-methylphenol
Concen: 49.069 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

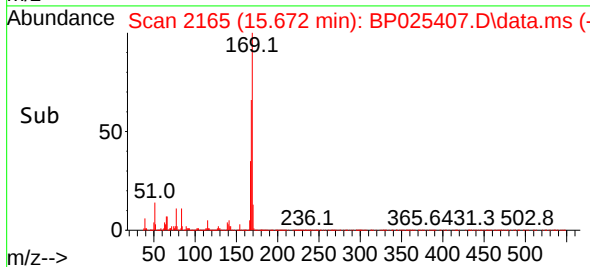
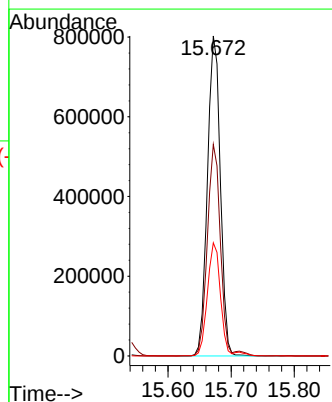
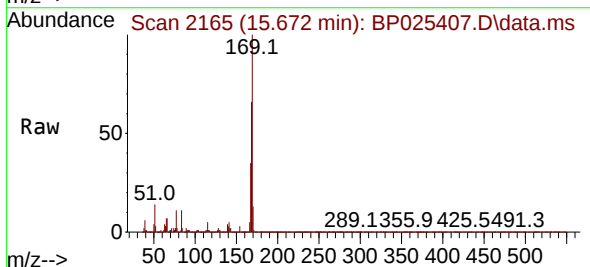
Instrument :
BNA_P
ClientSampleId :
PB169228BS

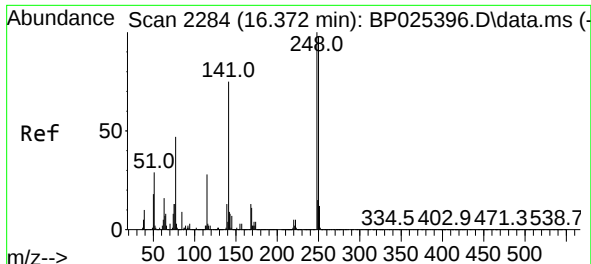
Tgt Ion:198 Resp: 256489
Ion Ratio Lower Upper
198 100
51 41.4 19.6 59.6
105 41.6 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 44.624 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:169 Resp: 1141054
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.3 28.7 43.1

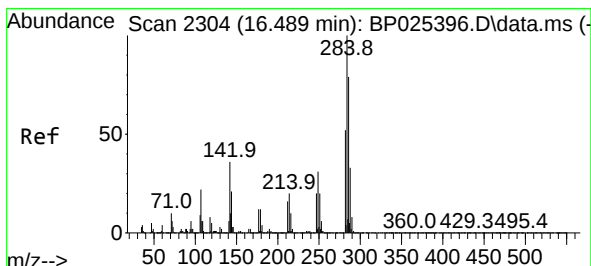
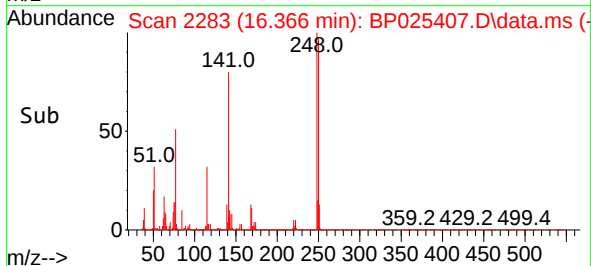
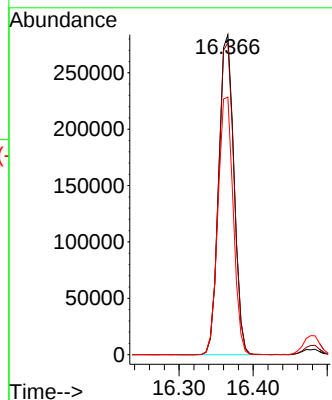
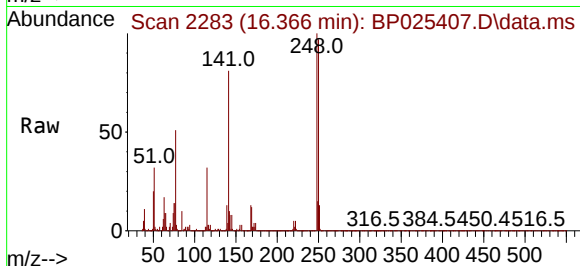




#67
4-Bromophenyl-phenylether
Concen: 44.031 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

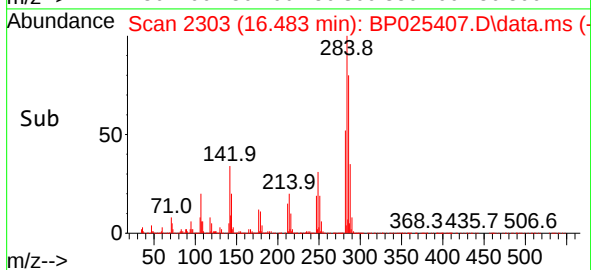
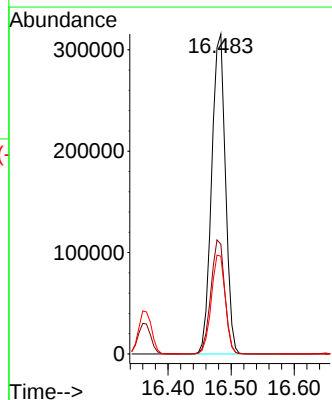
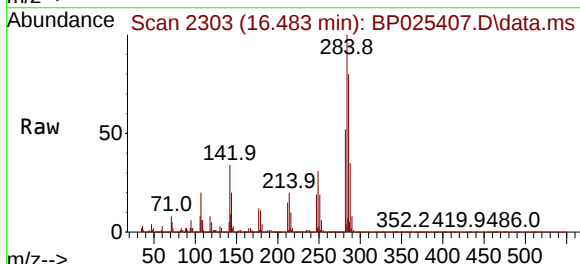
Instrument :
BNA_P
ClientSampleId :
PB169228BS

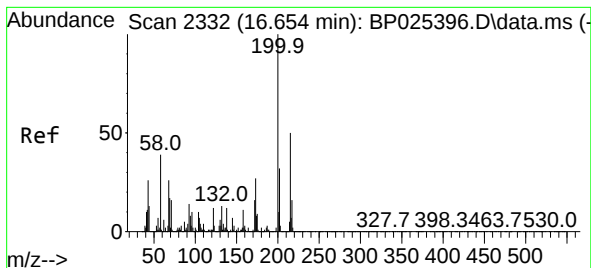
Tgt Ion:248 Resp: 406073
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.2
141 80.5 59.6 89.4



#68
Hexachlorobenzene
Concen: 44.629 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:284 Resp: 477112
Ion Ratio Lower Upper
284 100
142 34.3 29.1 43.7
249 30.5 25.0 37.4





#69

Atrazine

Concen: 45.593 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

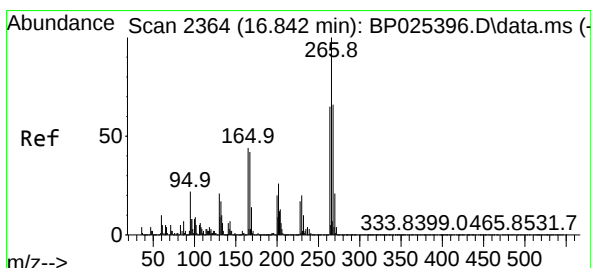
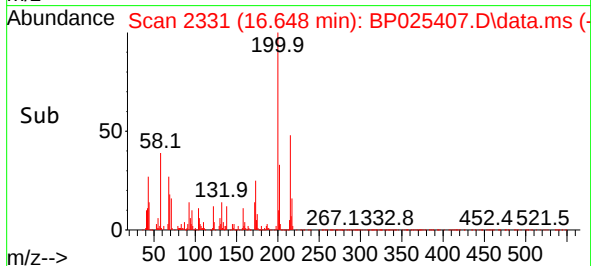
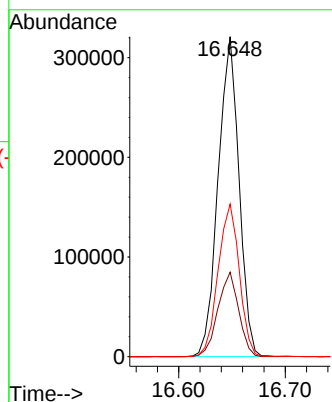
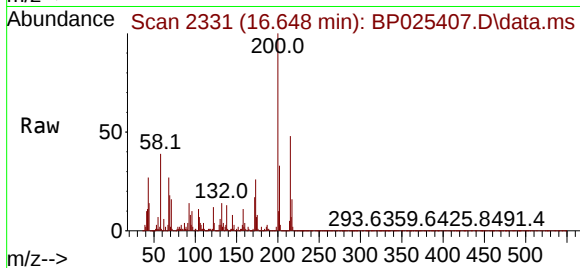
Tgt Ion:200 Resp: 436604

Ion Ratio Lower Upper

200 100

173 26.4 6.7 46.7

215 47.7 29.7 69.7



#70

Pentachlorophenol

Concen: 95.922 ng

RT: 16.836 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

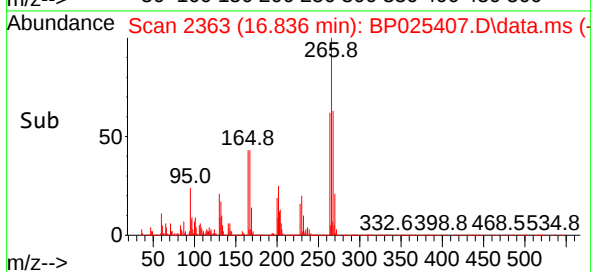
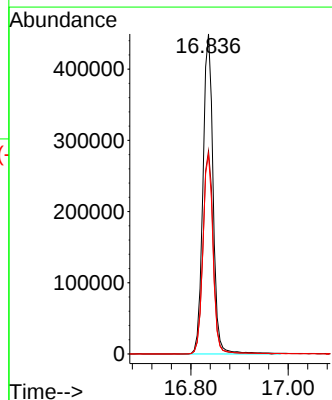
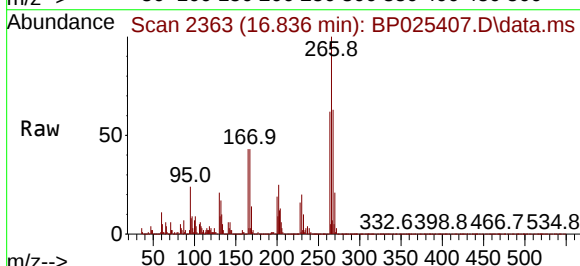
Tgt Ion:266 Resp: 647332

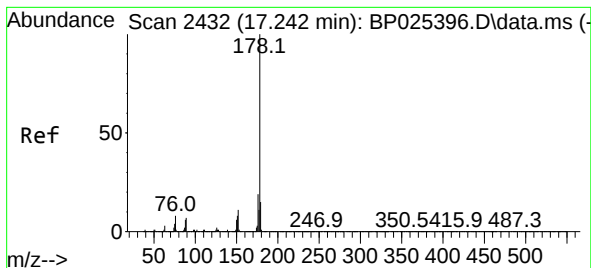
Ion Ratio Lower Upper

266 100

268 63.5 52.6 79.0

264 62.3 52.0 78.0





#71

Phenanthrene

Concen: 44.483 ng

RT: 17.236 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

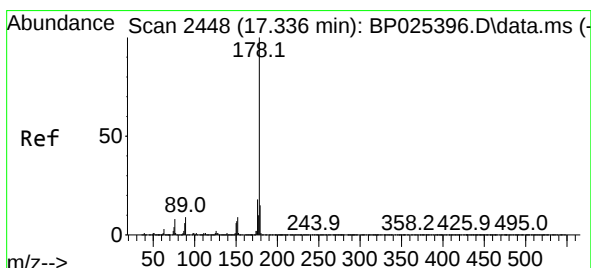
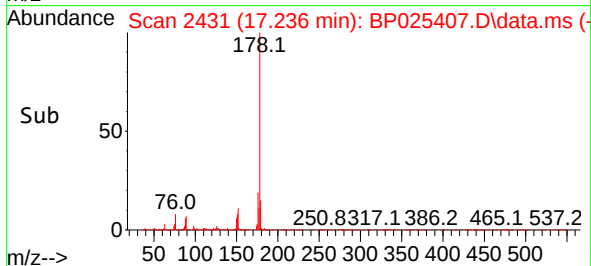
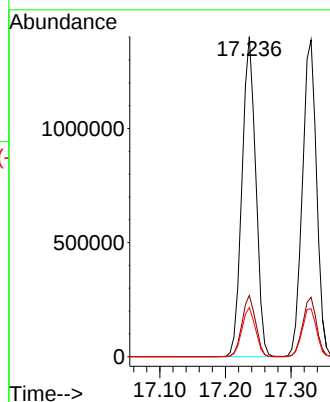
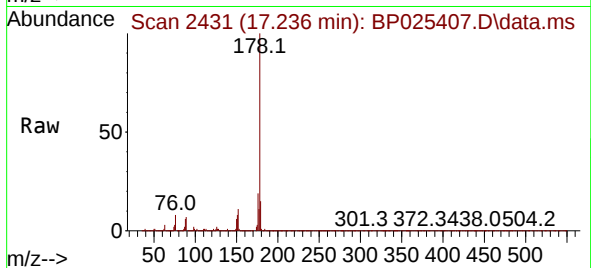
Tgt Ion:178 Resp: 2049033

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 44.046 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

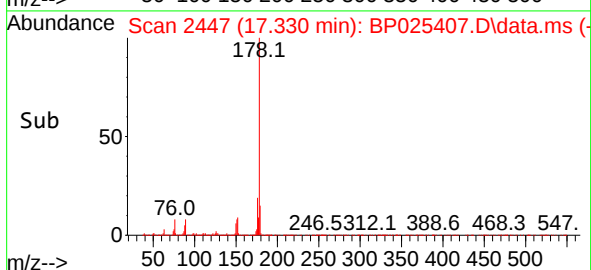
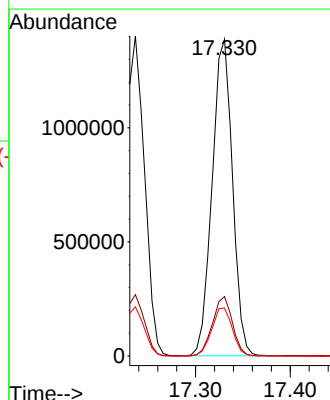
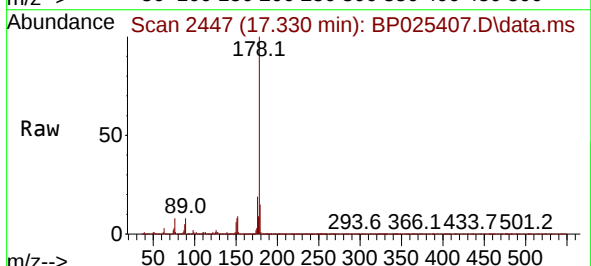
Tgt Ion:178 Resp: 2071926

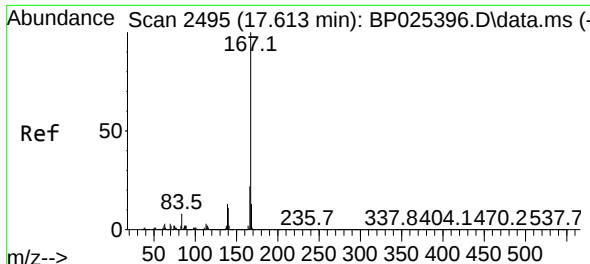
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.2 12.2 18.2

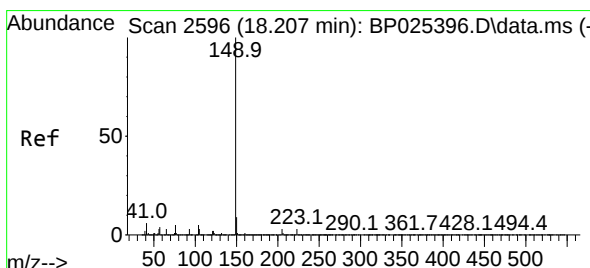
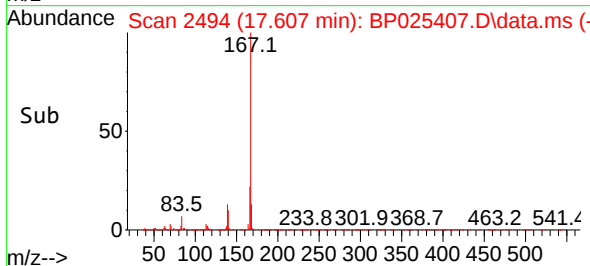
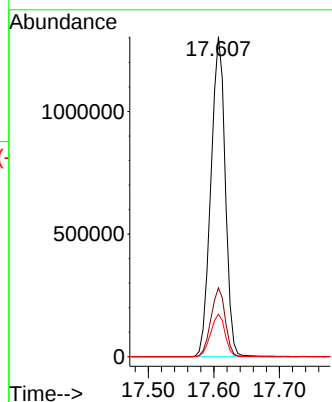
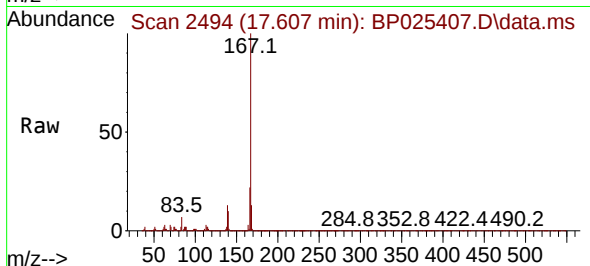




#73
Carbazole
Concen: 44.780 ng
RT: 17.607 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

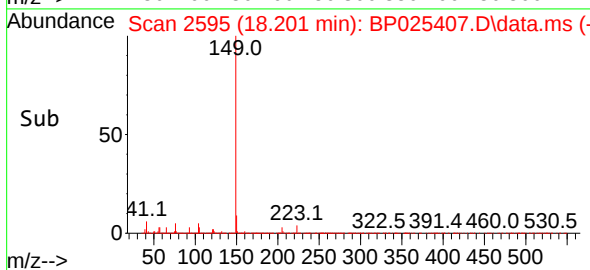
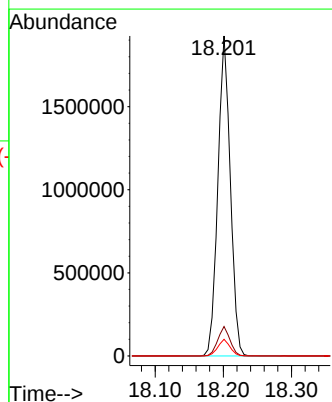
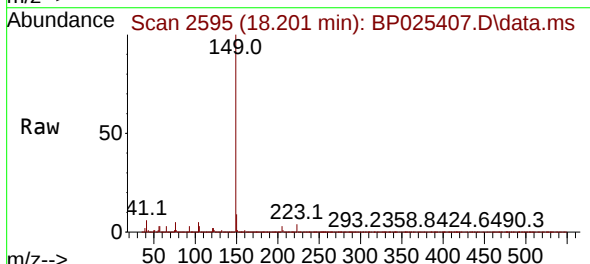
Instrument :
BNA_P
ClientSampleId :
PB169228BS

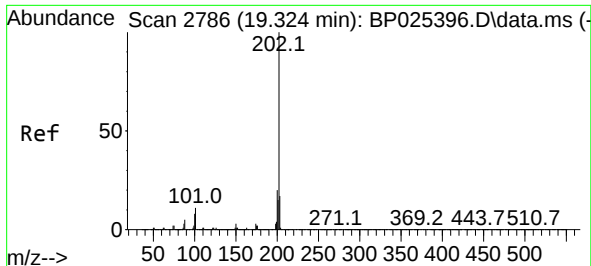
Tgt Ion:167 Resp: 1984094
Ion Ratio Lower Upper
167 100
166 21.5 17.5 26.3
139 13.3 10.6 16.0



#74
Di-n-butylphthalate
Concen: 44.814 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:149 Resp: 2442996
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.2 6.2

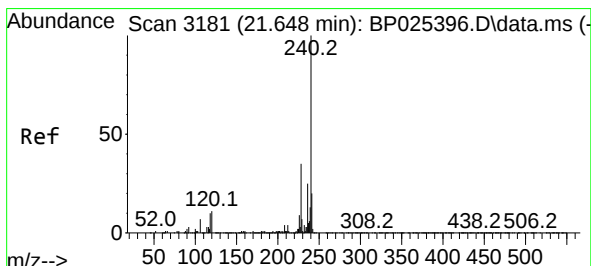
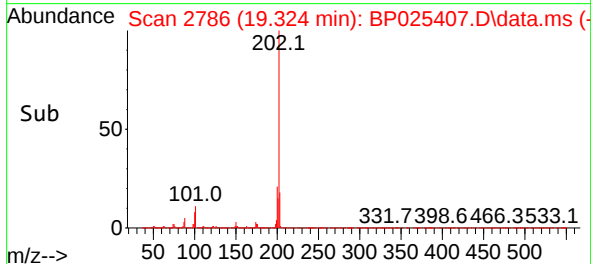
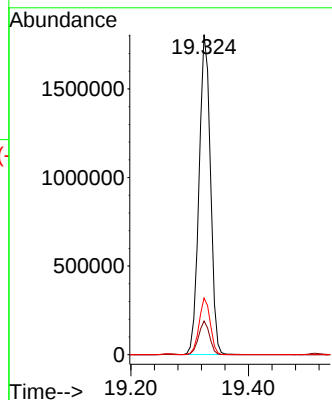
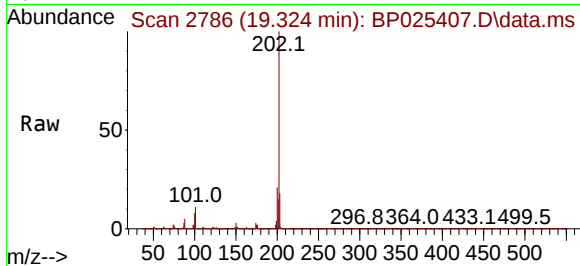




#75
Fluoranthene
Concen: 44.153 ng
RT: 19.324 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

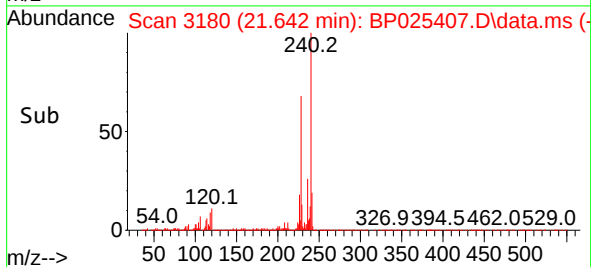
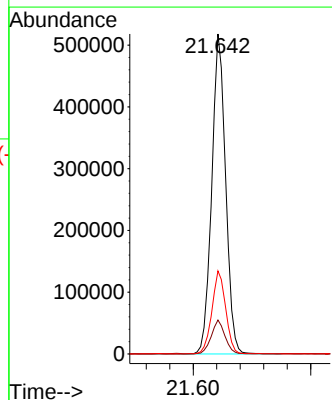
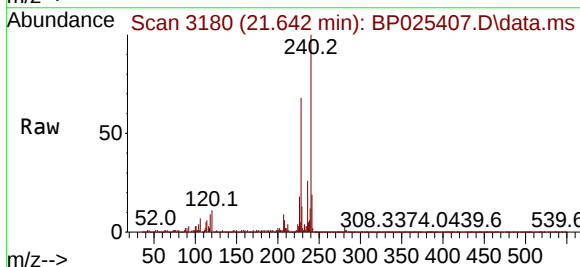
Instrument :
BNA_P
ClientSampleId :
PB169228BS

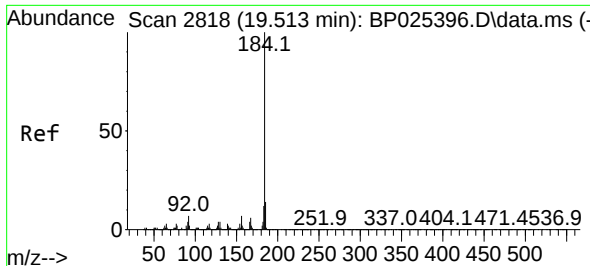
Tgt Ion:202 Resp: 2426038
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:240 Resp: 848930
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.0 19.8 29.8

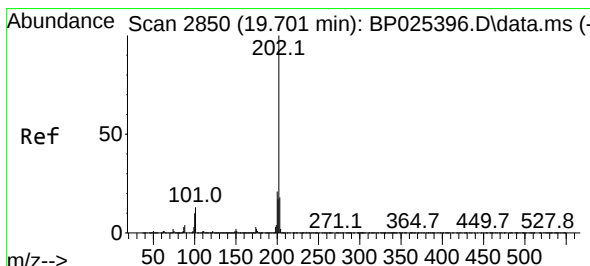
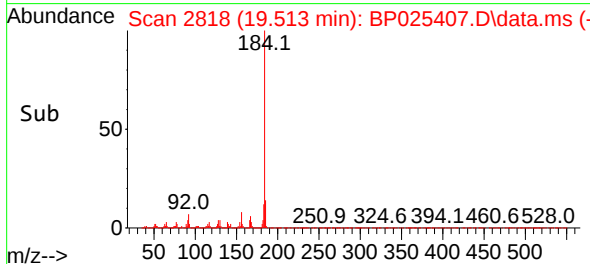
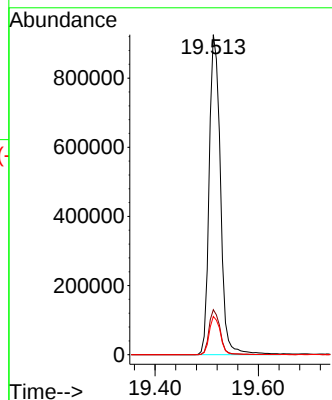
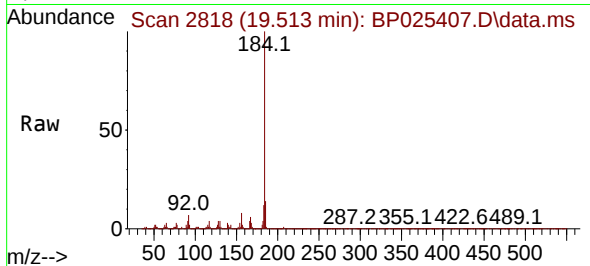




#77
Benzidine
Concen: 48.212 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

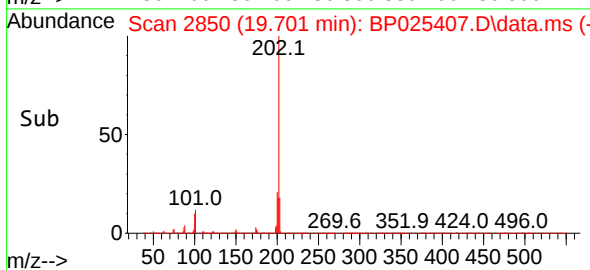
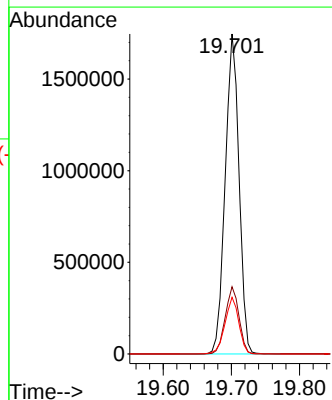
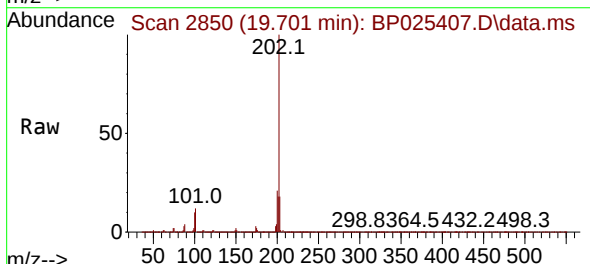
Instrument :
BNA_P
ClientSampleId :
PB169228BS

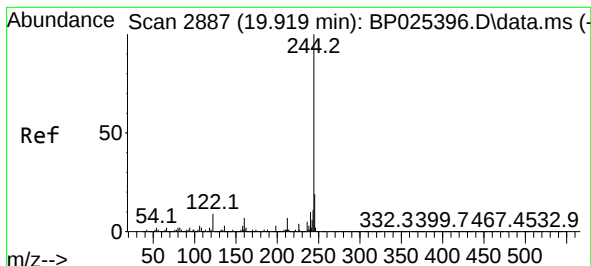
Tgt Ion:184 Resp: 1396799
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 12.0 9.4 14.2



#78
Pyrene
Concen: 44.610 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:202 Resp: 2461482
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 77.373 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

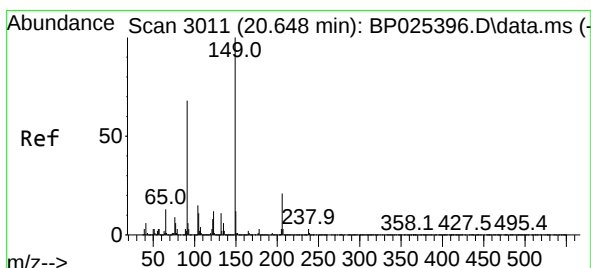
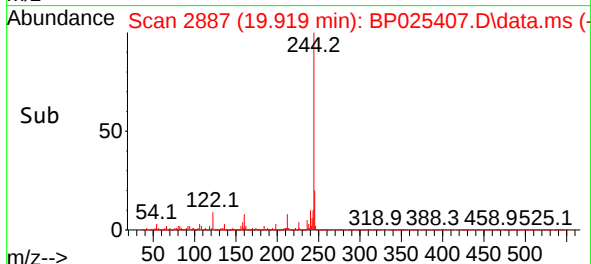
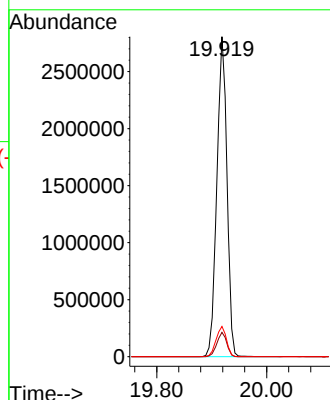
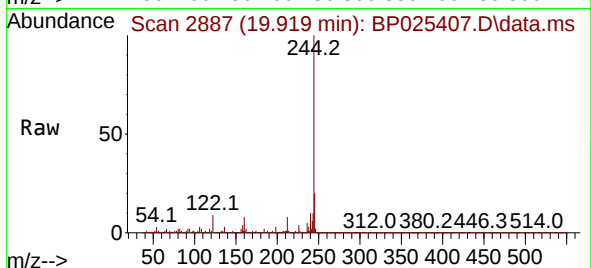
Tgt Ion:244 Resp: 3590153

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.5 7.4 11.2



#80

Butylbenzylphthalate

Concen: 45.758 ng

RT: 20.654 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

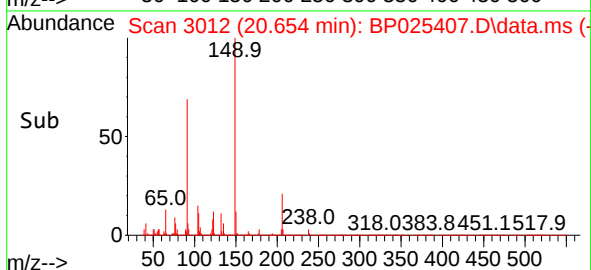
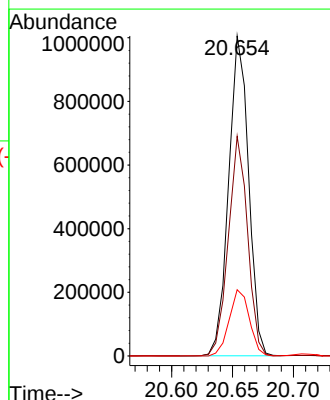
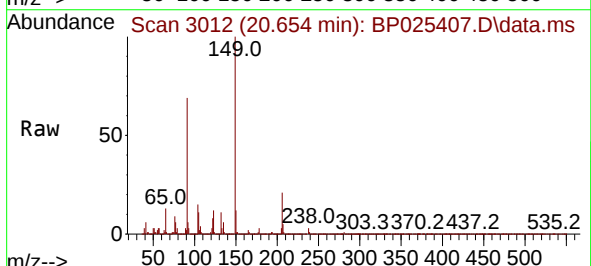
Tgt Ion:149 Resp: 1144283

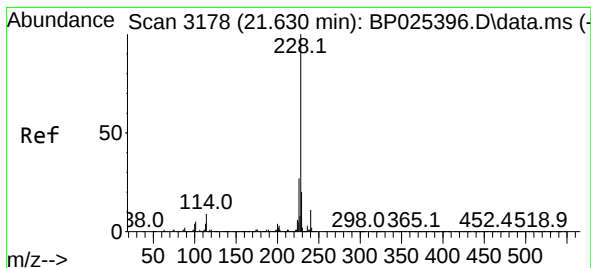
Ion Ratio Lower Upper

149 100

91 68.7 54.2 81.2

206 20.7 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.593 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

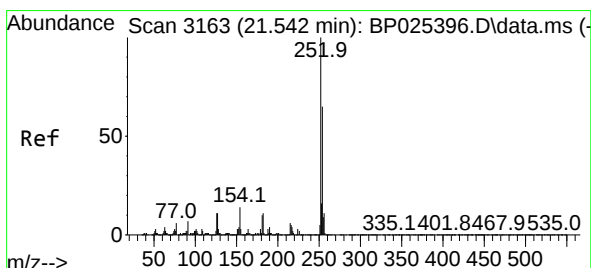
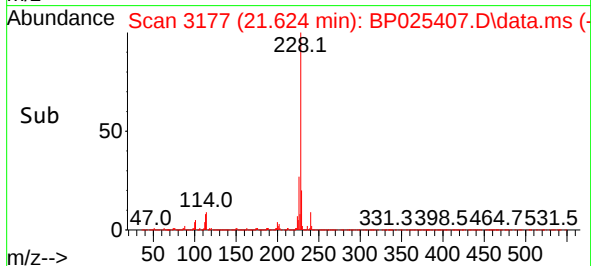
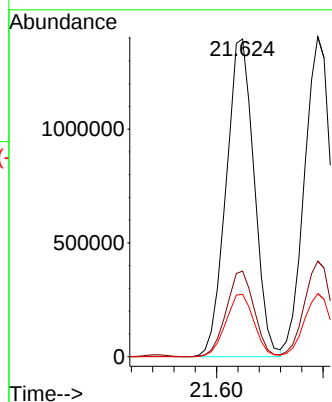
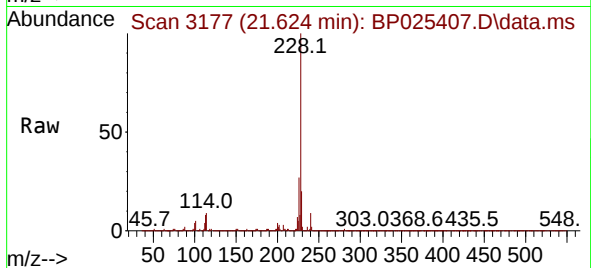
Tgt Ion:228 Resp: 2552604

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 31.552 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

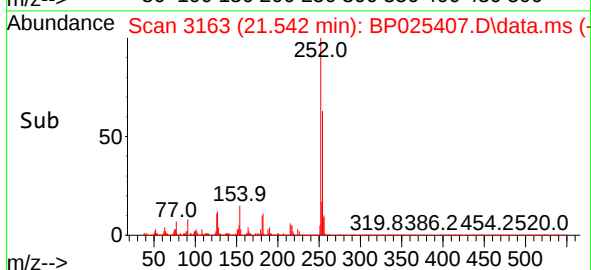
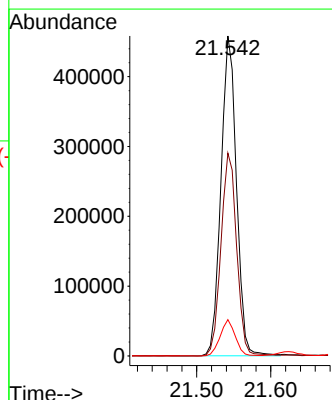
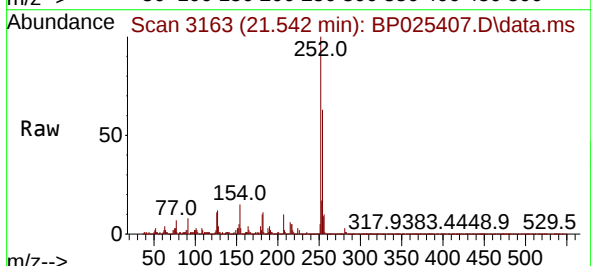
Tgt Ion:252 Resp: 665844

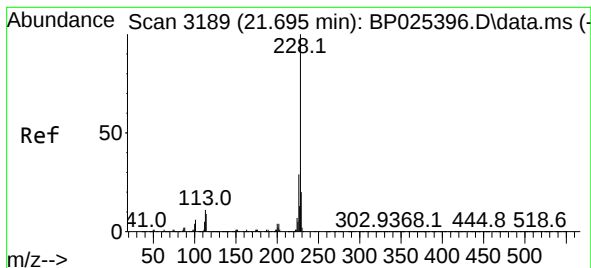
Ion Ratio Lower Upper

252 100

254 63.4 51.8 77.6

126 11.4 9.1 13.7





#83

Chrysene

Concen: 45.457 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

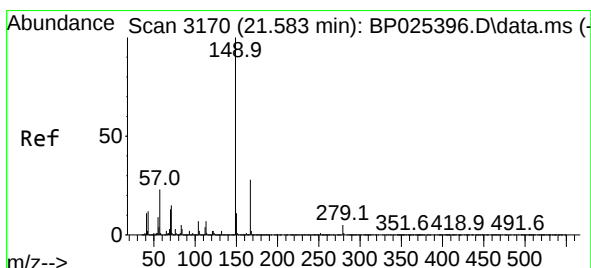
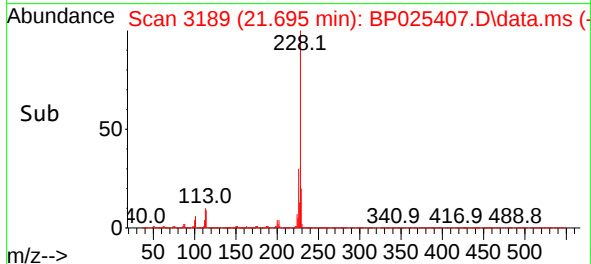
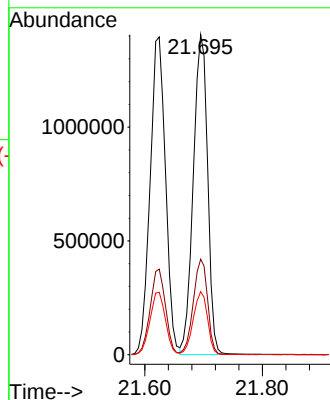
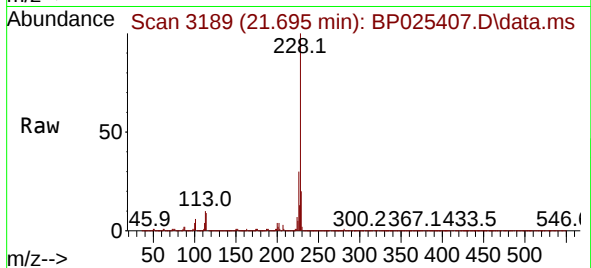
Tgt Ion:228 Resp: 2383389

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.102 ng

RT: 21.571 min Scan# 3168

Delta R.T. -0.012 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

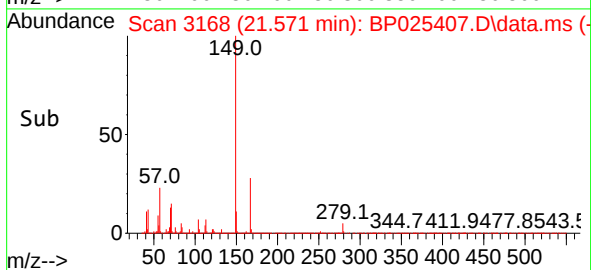
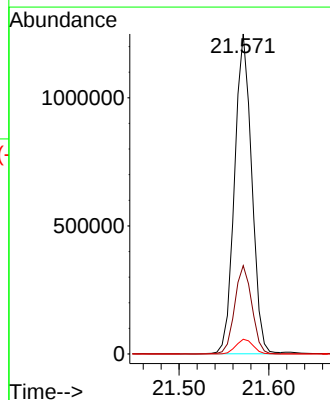
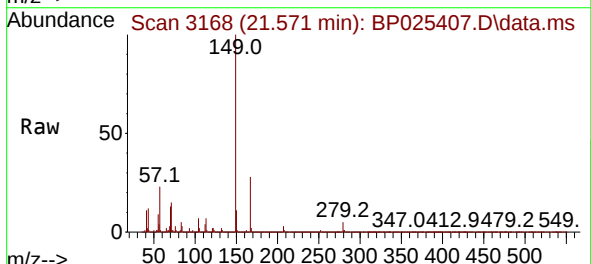
Tgt Ion:149 Resp: 1660300

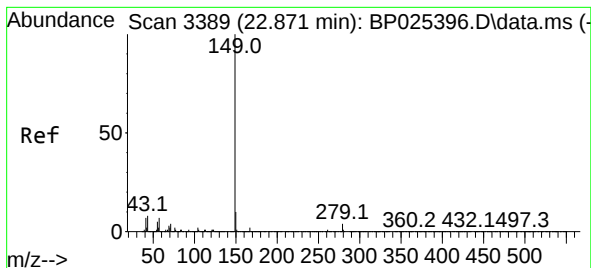
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 45.504 ng

RT: 22.865 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

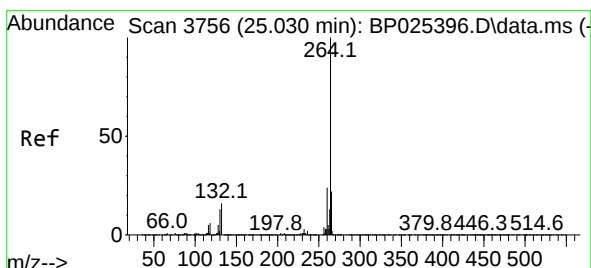
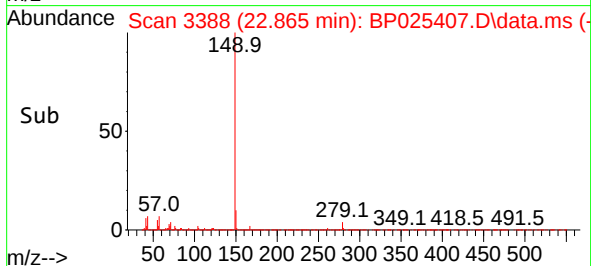
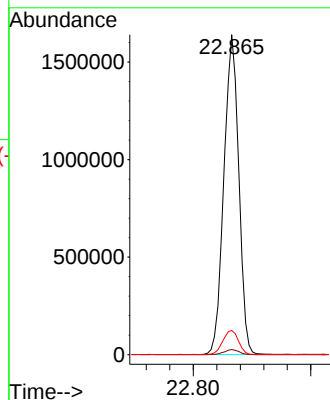
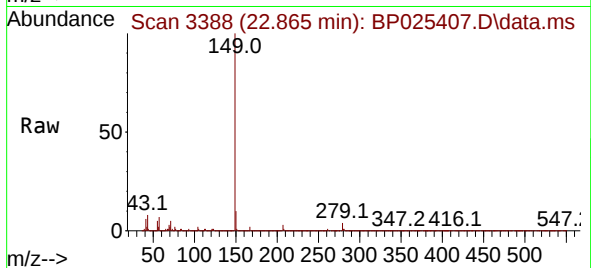
Tgt Ion:149 Resp: 2881260

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

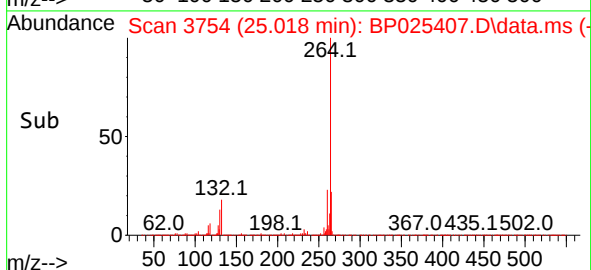
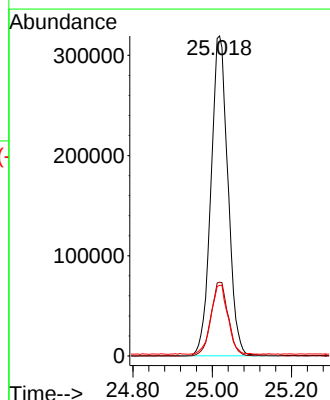
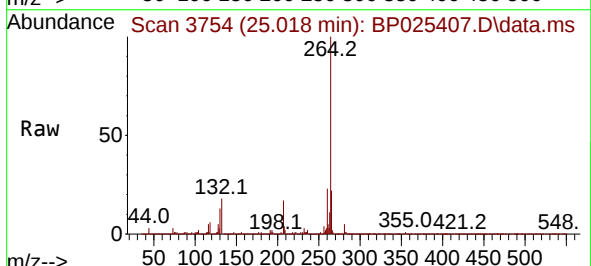
Tgt Ion:264 Resp: 946447

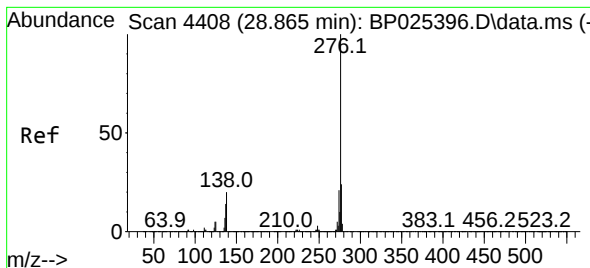
Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.611 ng

RT: 28.842 min Scan# 4404

Delta R.T. -0.023 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

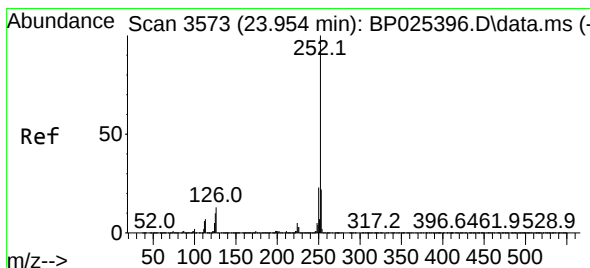
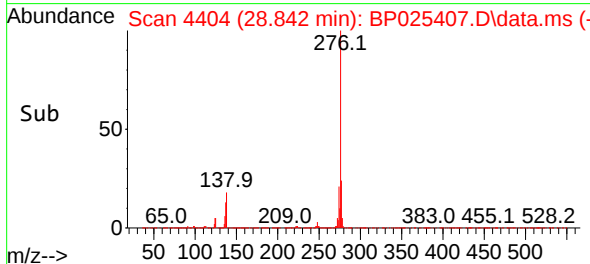
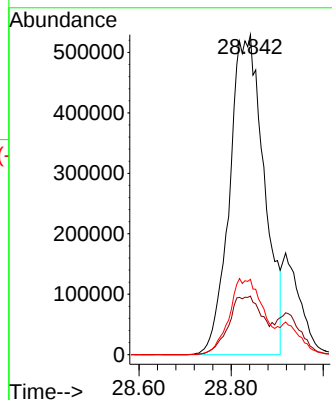
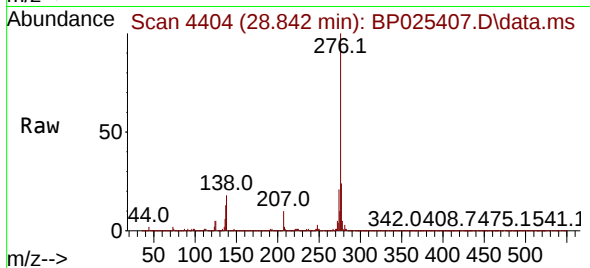
Tgt Ion:276 Resp: 2749360

Ion Ratio Lower Upper

276 100

138 0.0 12.9 19.3#

277 0.0 17.0 25.6#



#88

Benzo(b)fluoranthene

Concen: 47.402 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

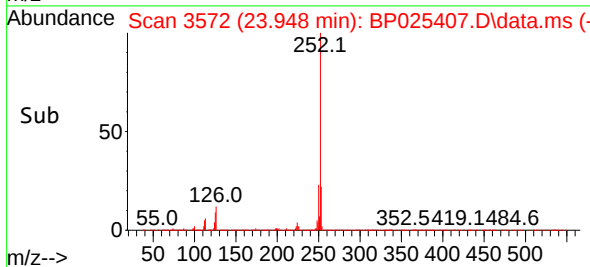
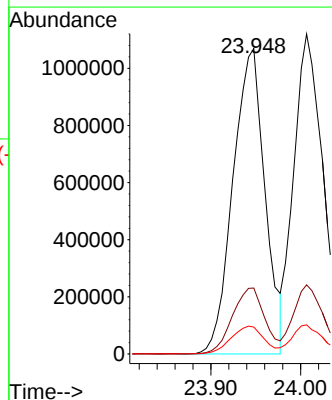
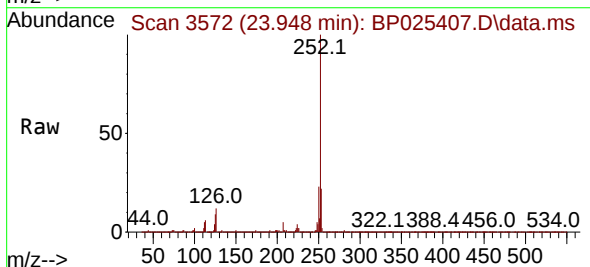
Tgt Ion:252 Resp: 2645452

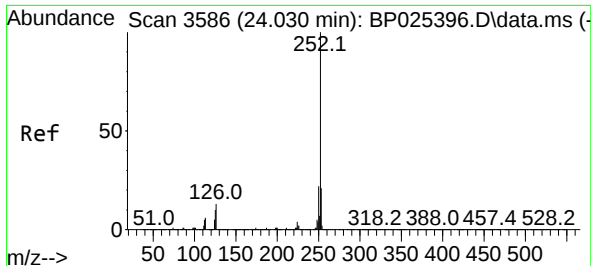
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.8 7.9 11.9

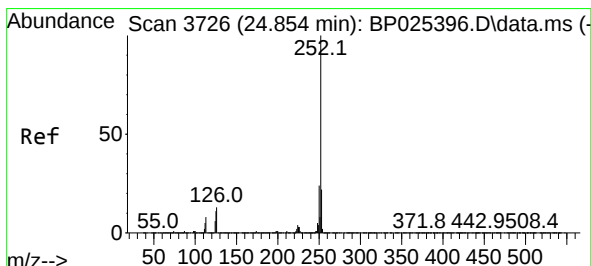
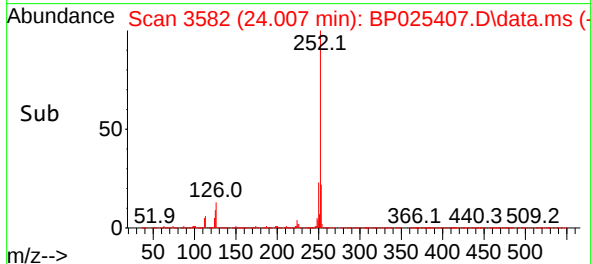
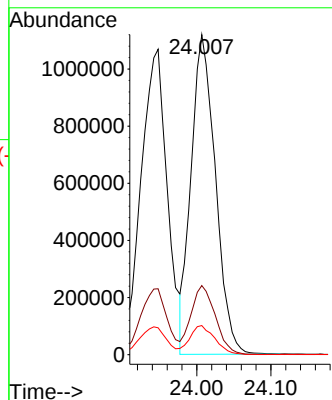
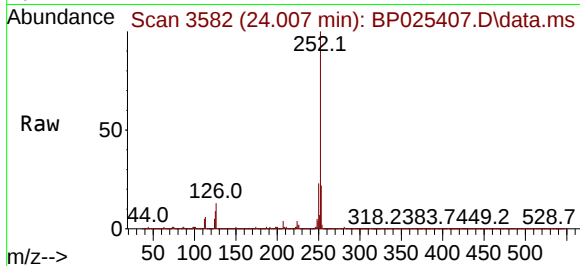




#89
Benzo(k)fluoranthene
Concen: 45.736 ng
RT: 24.007 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

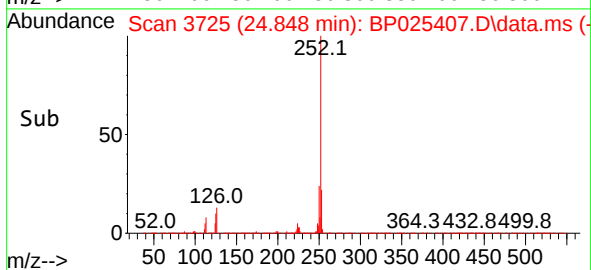
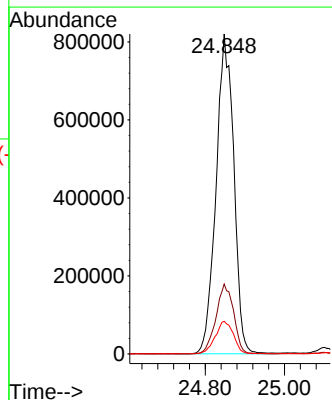
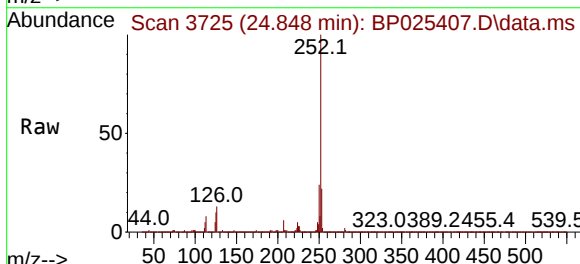
Instrument :
BNA_P
ClientSampleId :
PB169228BS

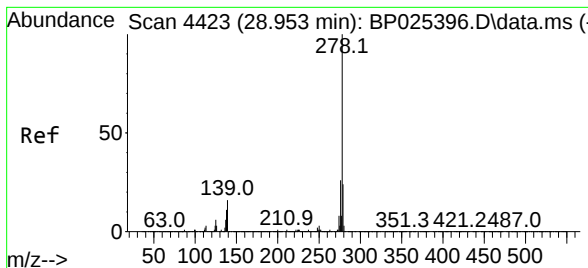
Tgt Ion:252 Resp: 2554212
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.1 7.8 11.6



#90
Benzo(a)pyrene
Concen: 46.840 ng
RT: 24.848 min Scan# 3725
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:252 Resp: 2544632
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.488 ng

RT: 28.918 min Scan# 44

Delta R.T. -0.035 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

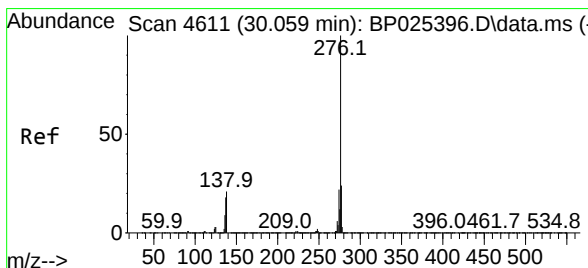
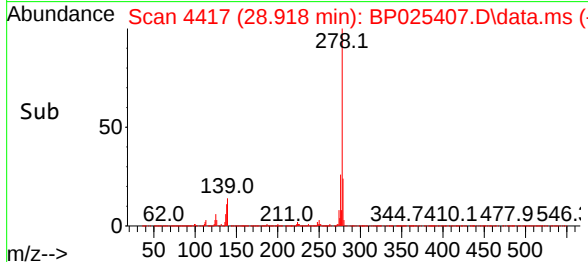
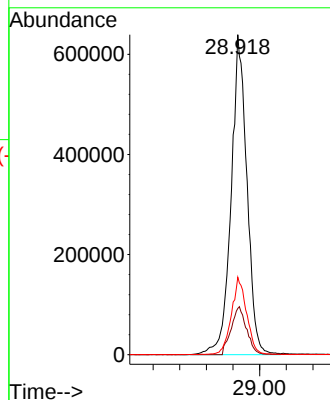
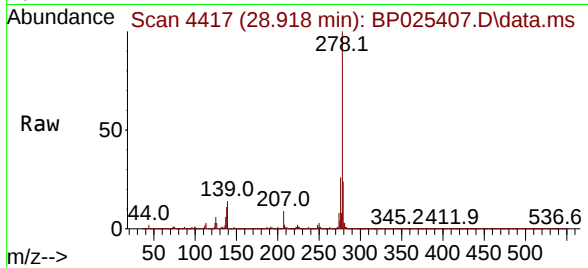
Tgt Ion:278 Resp: 2636878

Ion Ratio Lower Upper

278 100

139 14.5 13.0 19.4

279 24.2 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 46.141 ng

RT: 30.024 min Scan# 4605

Delta R.T. -0.035 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Tgt Ion:276 Resp: 2572611

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 19.7 16.7 25.1

