

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025516.D
 Acq On : 20 Aug 2025 21:11
 Operator : CG/JU
 Sample : Q2819-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 01:37:53 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	196853	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	796434	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	542391	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	1090849	20.000	ng	0.00
76) Chrysene-d12	21.642	240	892873	20.000	ng	0.00
86) Perylene-d12	25.024	264	958463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1211281	102.187	ng	0.00
7) Phenol-d6	6.972	99	1591692	104.735	ng	0.00
23) Nitrobenzene-d5	8.931	82	1023958	65.037	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	771618	105.692	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2319713	58.451	ng	0.00
79) Terphenyl-d14	19.925	244	3434227	70.370	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	174087	37.494	ng	96
3) Pyridine	3.725	79	483273	38.028	ng	95
4) n-Nitrosodimethylamine	3.631	42	256777	49.010	ng	90
6) Aniline	7.125	93	752387	36.745	ng	99
8) 2-Chlorophenol	7.366	128	652515	48.782	ng	100
9) Benzaldehyde	6.937	77	299983	28.174	ng	97
10) Phenol	7.002	94	788903	49.471	ng	97
11) bis(2-Chloroethyl)ether	7.219	93	565023	45.459	ng	99
12) 1,3-Dichlorobenzene	7.678	146	658534	44.648	ng	97
13) 1,4-Dichlorobenzene	7.825	146	666221	44.192	ng	98
14) 1,2-Dichlorobenzene	8.137	146	650052	44.544	ng	99
15) Benzyl Alcohol	8.025	79	586521	48.572	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.308	45	772444	46.392	ng	99
17) 2-Methylphenol	8.225	107	541309	48.875	ng	98
18) Hexachloroethane	8.861	117	253613	45.754	ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	447356	44.440	ng	97
20) 3+4-Methylphenols	8.549	107	747172	48.669	ng	98
22) Acetophenone	8.602	105	925700	46.348	ng	# 98
24) Nitrobenzene	8.972	77	669544	47.583	ng	99
25) Isophorone	9.502	82	1291341	46.346	ng	98
26) 2-Nitrophenol	9.678	139	359110	49.729	ng	99
27) 2,4-Dimethylphenol	9.743	122	616027	49.605	ng	97
28) bis(2-Chloroethoxy)met...	9.966	93	792282	47.040	ng	98
29) 2,4-Dichlorophenol	10.213	162	629551	51.032	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	608202	44.974	ng	98
31) Naphthalene	10.607	128	1888650	45.625	ng	99
32) Benzoic acid	9.908	122	515480	56.224	ng	96
33) 4-Chloroaniline	10.713	127	450951	24.662	ng	99
34) Hexachlorobutadiene	10.896	225	388664	46.148	ng	99
35) Caprolactam	11.507	113	202272	44.716	ng	97
36) 4-Chloro-3-methylphenol	11.843	107	734853	51.912	ng	95
37) 2-Methylnaphthalene	12.213	142	1263780	46.913	ng	99
38) 1-Methylnaphthalene	12.437	142	1302740	45.474	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	702998	44.877	ng	99
41) Hexachlorocyclopentadiene	12.566	237	844610	89.262	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	529135	50.034	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	592451	51.115	ng	99
46) 1,1'-Biphenyl	13.225	154	1816843	46.123	ng	98
47) 2-Chloronaphthalene	13.272	162	1392441	45.407	ng	100
48) 2-Nitroaniline	13.466	65	470973	52.709	ng	96
49) Acenaphthylene	14.125	152	2335961	46.035	ng	100
50) Dimethylphthalate	13.854	163	1923497	48.428	ng	99
51) 2,6-Dinitrotoluene	13.972	165	423357	50.571	ng	94
52) Acenaphthene	14.472	154	1333260	44.762	ng	99
53) 3-Nitroaniline	14.307	138	306252	32.515	ng	96
54) 2,4-Dinitrophenol	14.513	184	518294	115.933	ng	97
55) Dibenzofuran	14.807	168	2154905	45.760	ng	98
56) 4-Nitrophenol	14.631	139	779771	100.749	ng	90
57) 2,4-Dinitrotoluene	14.772	165	614566	51.453	ng	97
58) Fluorene	15.472	166	1680951	45.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	520533	50.862	ng	98
60) Diethylphthalate	15.237	149	1984056	49.161	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	831152	44.976	ng	95
62) 4-Nitroaniline	15.490	138	454185	47.037	ng	94
63) Azobenzene	15.760	77	1878426	54.357	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	350723	51.578	ng	94
66) n-Nitrosodiphenylamine	15.678	169	1571731	47.250	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	585013	48.762	ng	96
68) Hexachlorobenzene	16.495	284	647628	46.567	ng	97
69) Atrazine	16.654	200	609543	48.929	ng	97
70) Pentachlorophenol	16.854	266	874797	99.646	ng	98
71) Phenanthrene	17.248	178	2736199	45.661	ng	99
72) Anthracene	17.337	178	2877852	47.028	ng	100
73) Carbazole	17.619	167	2644146	45.874	ng	99
74) Di-n-butylphthalate	18.213	149	3447802	48.618	ng	100
75) Fluoranthene	19.331	202	3141701	43.953	ng	98
77) Benzidine	19.519	184	1326808	43.542	ng	100
78) Pyrene	19.701	202	3208701	55.290	ng	100
80) Butylbenzylphthalate	20.654	149	1400983	53.266	ng	98
81) Benzo(a)anthracene	21.625	228	2805279	47.640	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	732910	33.021	ng	99
83) Chrysene	21.689	228	2621789	47.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1896634	48.987	ng	100
85) Di-n-octyl phthalate	22.854	149	3136775	47.102	ng	99
87) Indeno(1,2,3-cd)pyrene	28.854	276	3107131	44.205	ng	94
88) Benzo(b)fluoranthene	23.960	252	2744537	48.561	ng	99
89) Benzo(k)fluoranthene	24.042	252	2665398	47.128	ng	99
90) Benzo(a)pyrene	24.866	252	2619564	47.615	ng	100
91) Dibenzo(a,h)anthracene	28.936	278	2852762	49.664	ng	99
92) Benzo(g,h,i)perylene	30.048	276	2821095	49.963	ng	98

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

Instrument :

BNA P

ClientSampleId :

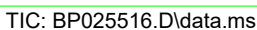
Quant Time: Aug 21 01:37:53 2025

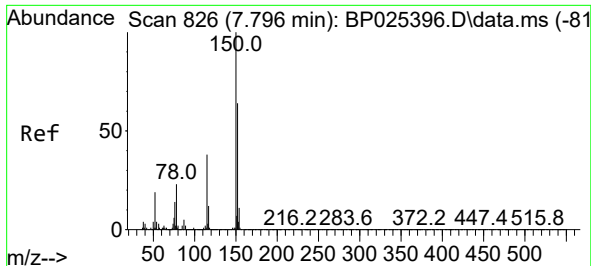
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

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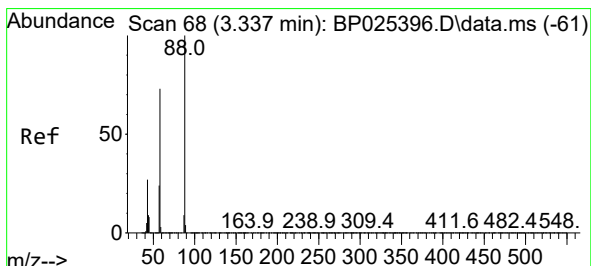
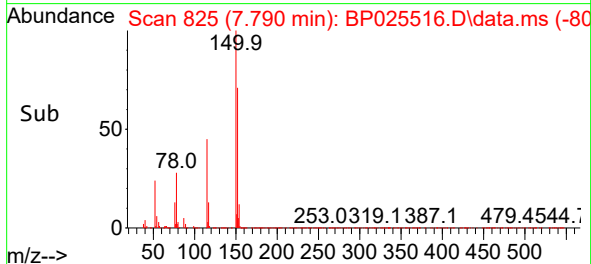
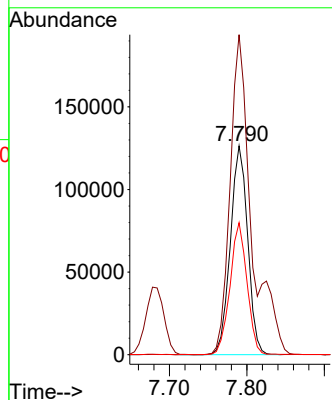
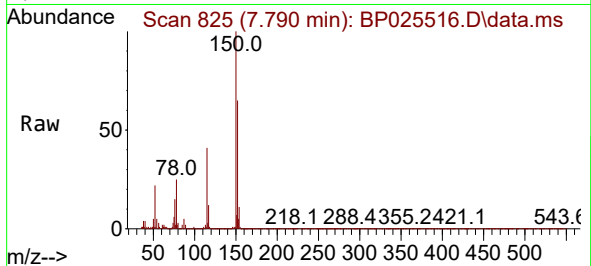




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025516.D
 Acq: 20 Aug 2025 21:11

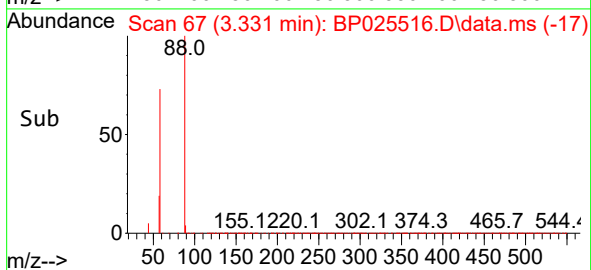
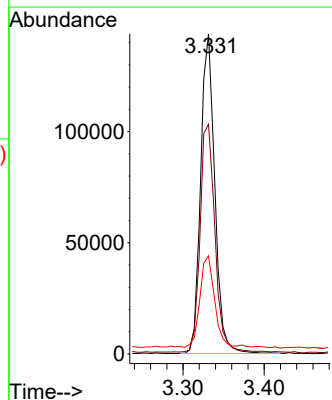
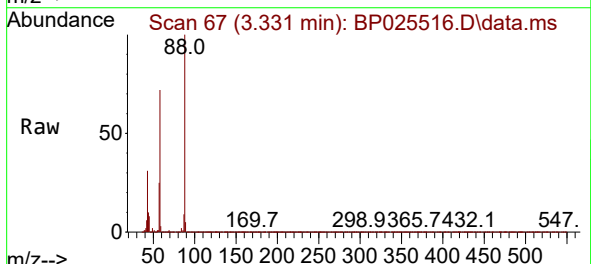
Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:152 Resp: 196853
 Ion Ratio Lower Upper
 152 100
 150 153.3 125.9 188.9
 115 63.3 48.5 72.7



#2
 1,4-Dioxane
 Concen: 37.494 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025516.D
 Acq: 20 Aug 2025 21:11

Tgt Ion: 88 Resp: 174087
 Ion Ratio Lower Upper
 88 100
 58 76.7 59.2 88.8
 43 29.8 21.7 32.5

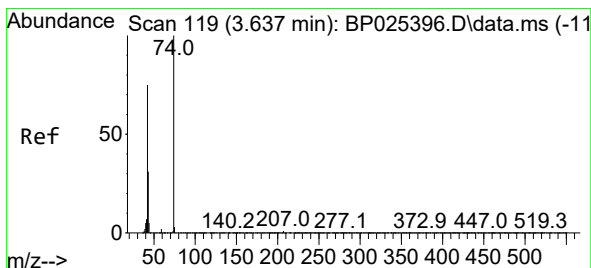
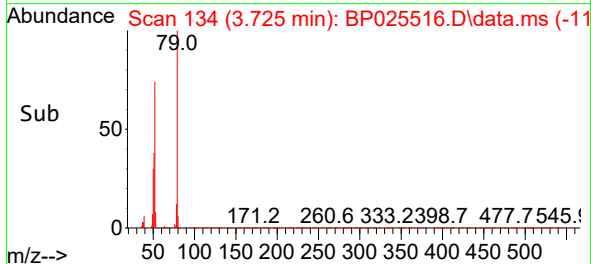
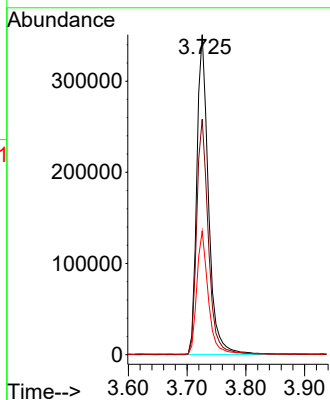
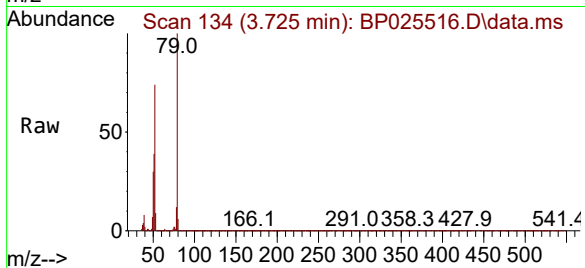




#3
 Pyridine
 Concen: 38.028 ng
 RT: 3.725 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: BP025516.D
 Acq: 20 Aug 2025 21:11

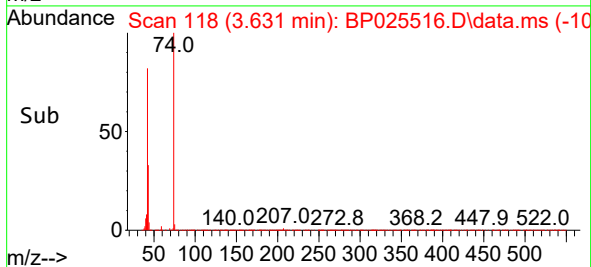
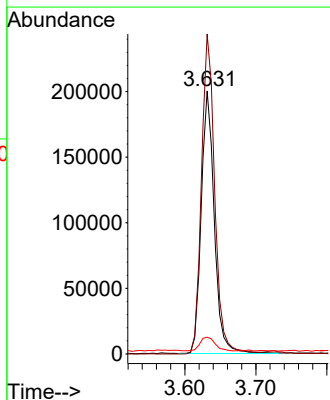
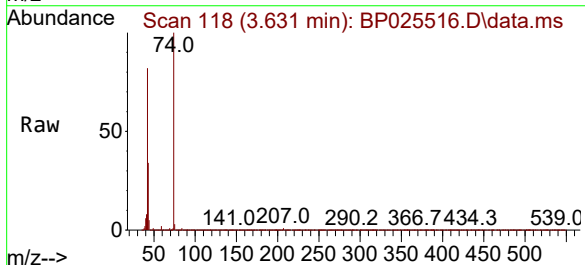
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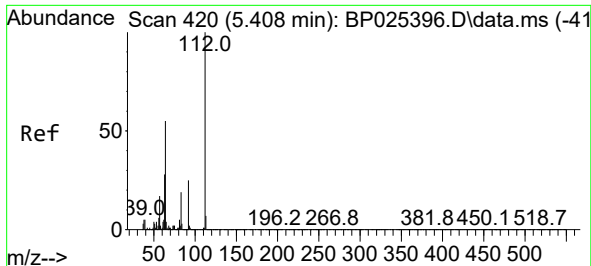
Tgt Ion: 79 Resp: 483273
 Ion Ratio Lower Upper
 79 100
 52 73.6 55.5 83.3
 51 38.6 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 49.010 ng
 RT: 3.631 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: BP025516.D
 Acq: 20 Aug 2025 21:11

Tgt Ion: 42 Resp: 256777
 Ion Ratio Lower Upper
 42 100
 74 121.7 107.0 160.4
 44 6.4 6.2 9.4

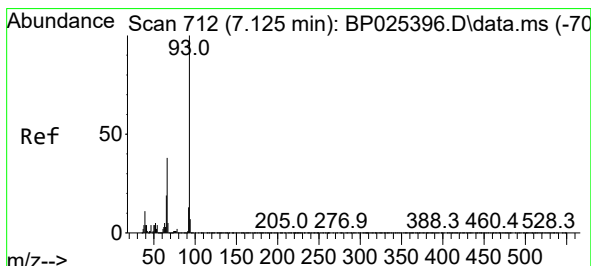
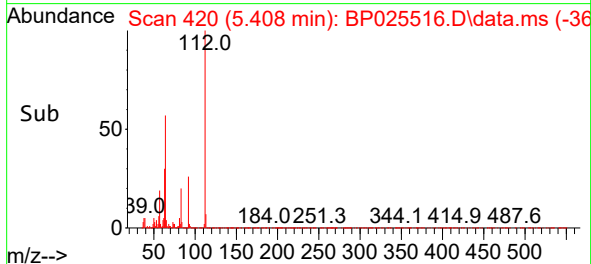
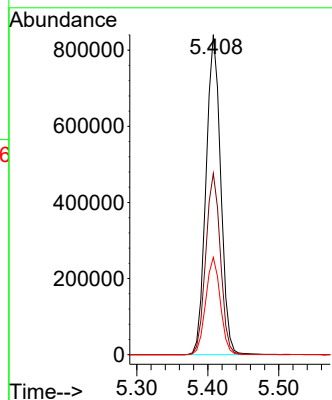
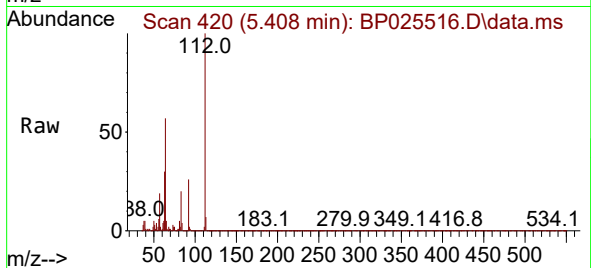




#5
2-Fluorophenol
Concen: 102.187 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

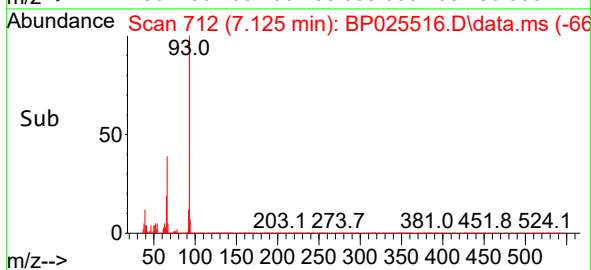
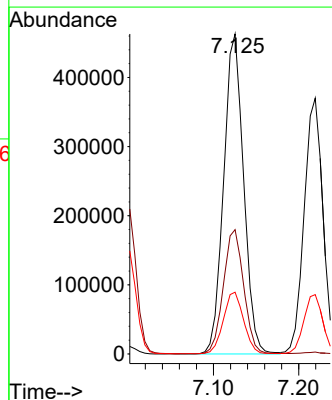
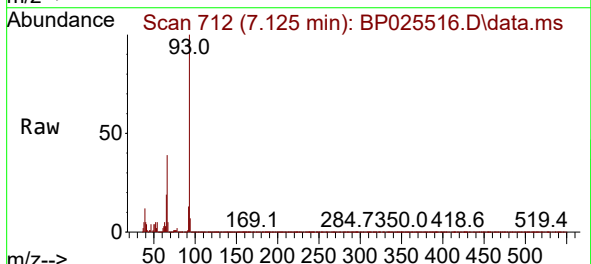
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BNA_P
ClientSampleId :

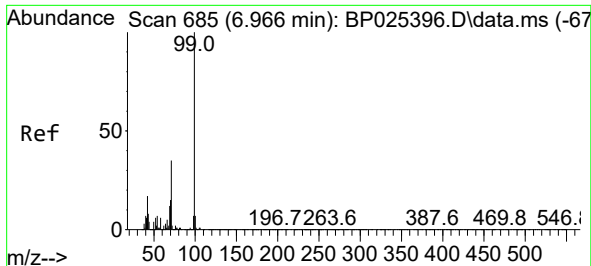
Tgt Ion:112 Resp: 1211281
Ion Ratio Lower Upper
112 100
64 56.6 43.8 65.8
63 30.4 22.7 34.1



#6
Aniline
Concen: 36.745 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion: 93 Resp: 752387
Ion Ratio Lower Upper
93 100
66 38.8 30.4 45.6
65 19.3 15.3 22.9

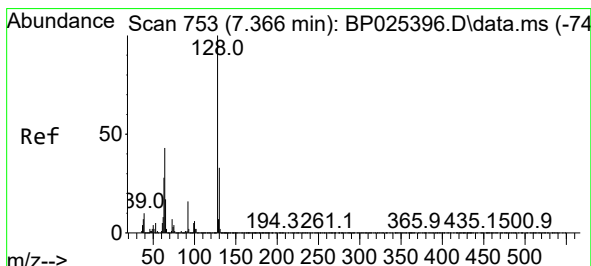
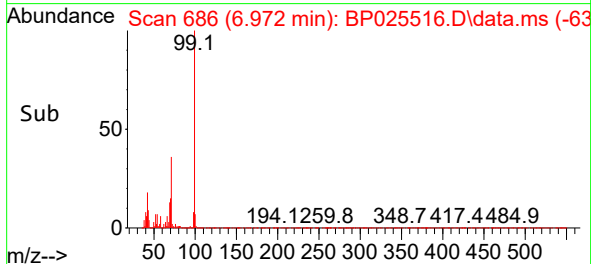
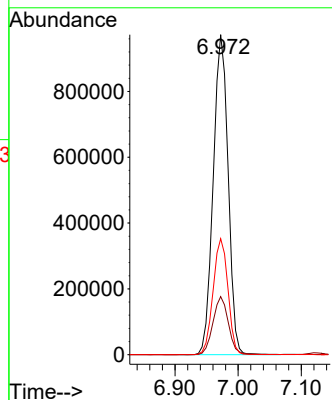
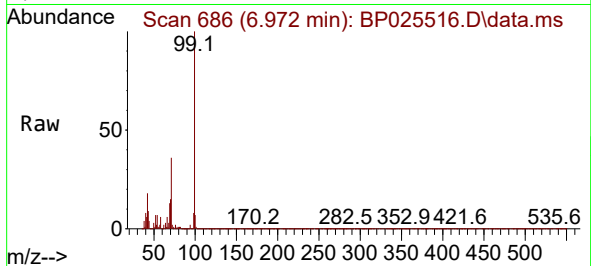




#7
Phenol-d6
Concen: 104.735 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

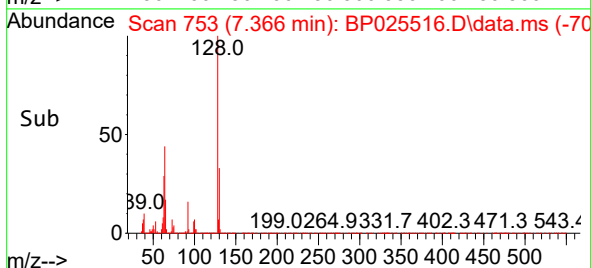
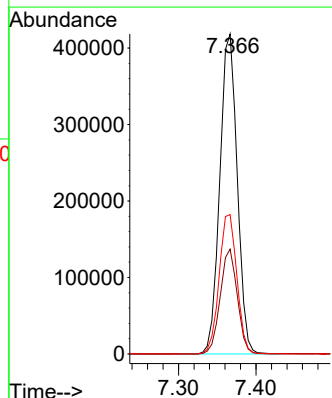
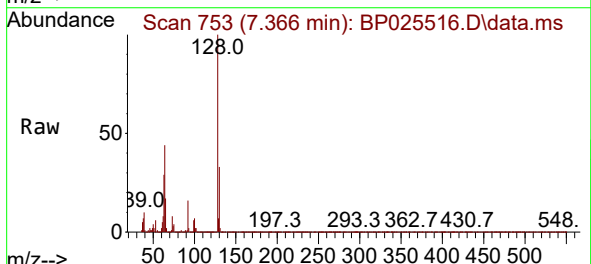
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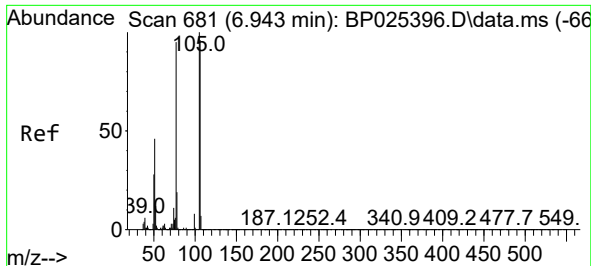
Tgt Ion: 99 Resp: 1591692
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 36.2 28.2 42.4



#8
2-Chlorophenol
Concen: 48.782 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

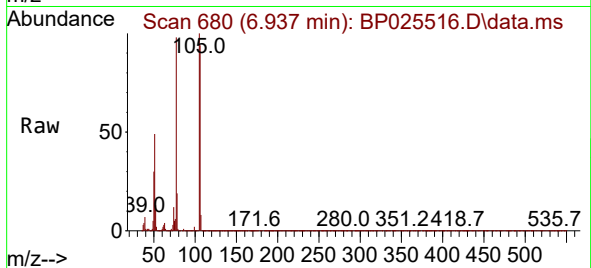
Tgt Ion: 128 Resp: 652515
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 43.6 23.4 63.4



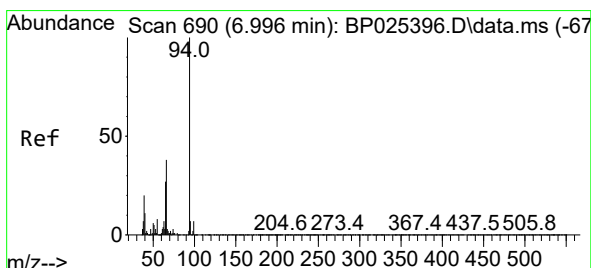
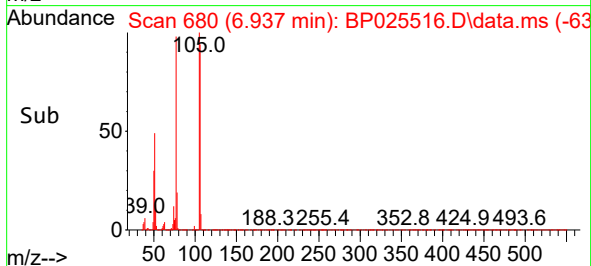
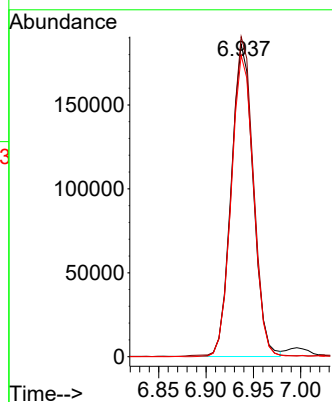


#9
Benzaldehyde
Concen: 28.174 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Instrument :
BNA_P
ClientSampleId :

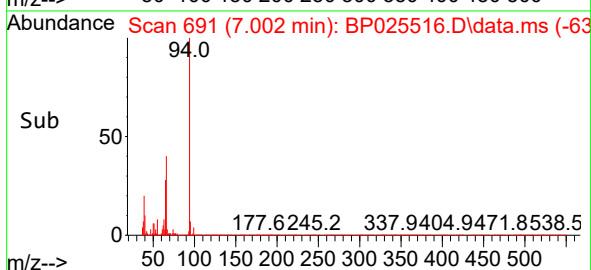
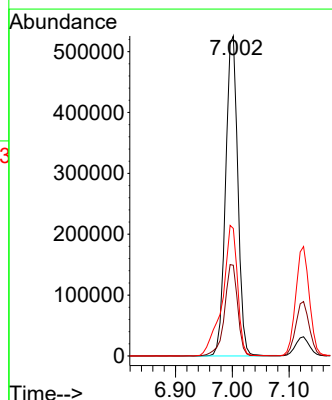
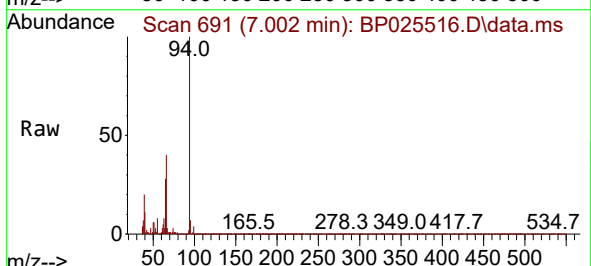


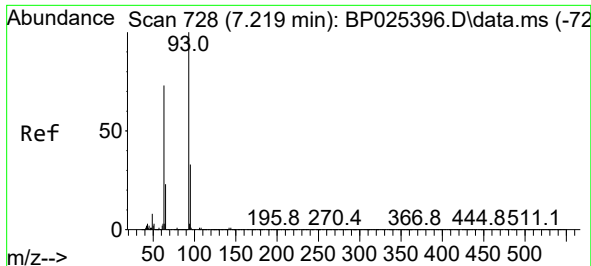
Tgt Ion: 77 Resp: 299983
Ion Ratio Lower Upper
77 100
105 102.5 84.8 124.8
106 96.5 80.5 120.5



#10
Phenol
Concen: 49.471 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion: 94 Resp: 788903
Ion Ratio Lower Upper
94 100
65 28.3 6.8 46.8
66 39.9 18.2 58.2

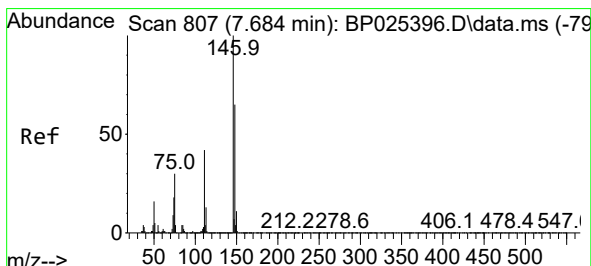
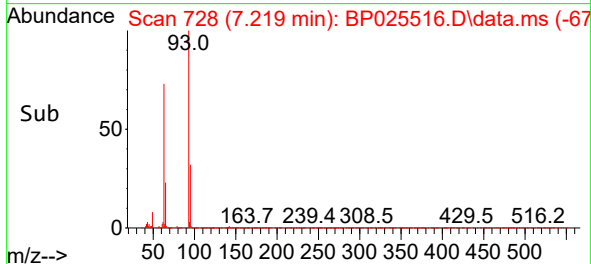
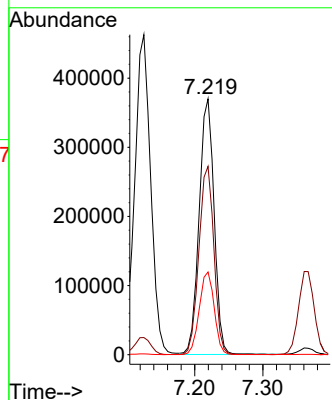
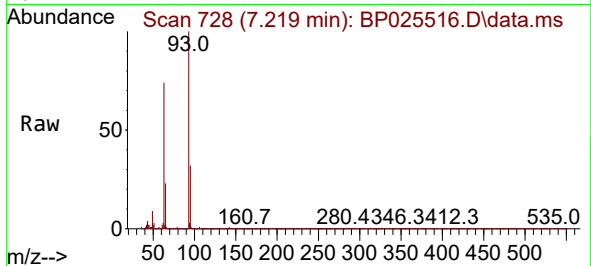




#11
bis(2-Chloroethyl)ether
Concen: 45.459 ng
RT: 7.219 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

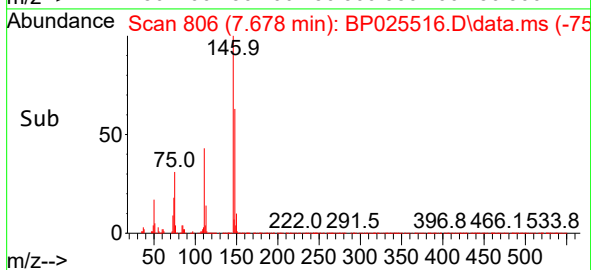
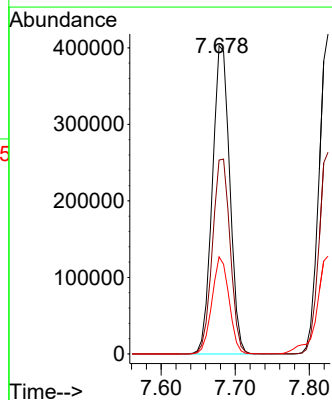
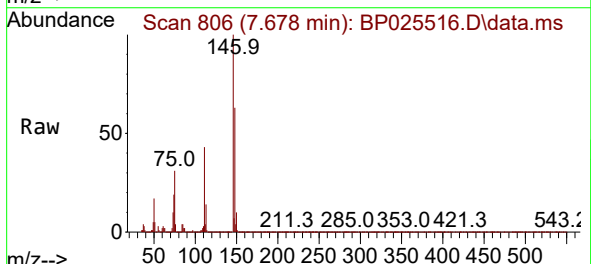
Instrument :
BNA_P
ClientSampleId :

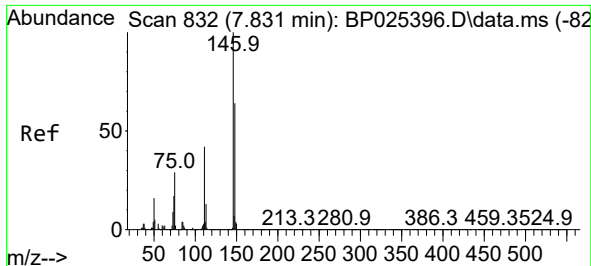
Tgt Ion: 93 Resp: 565023
Ion Ratio Lower Upper
93 100
63 73.6 52.6 92.6
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.648 ng
RT: 7.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion: 146 Resp: 658534
Ion Ratio Lower Upper
146 100
148 62.9 51.9 77.9
75 31.5 23.7 35.5

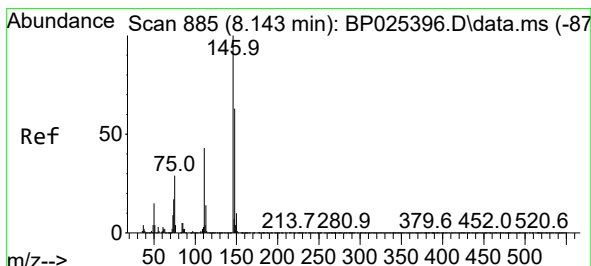
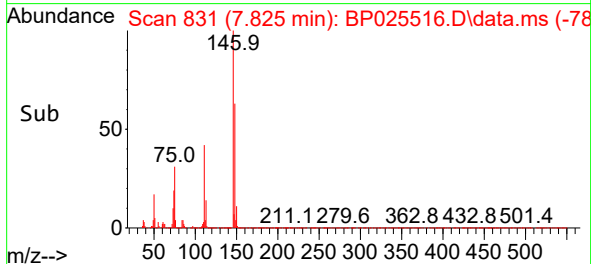
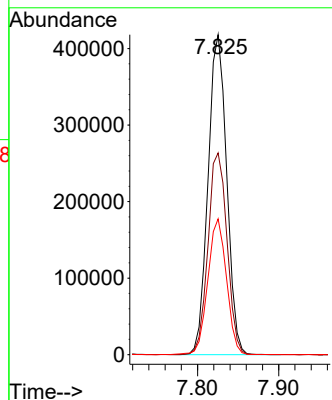
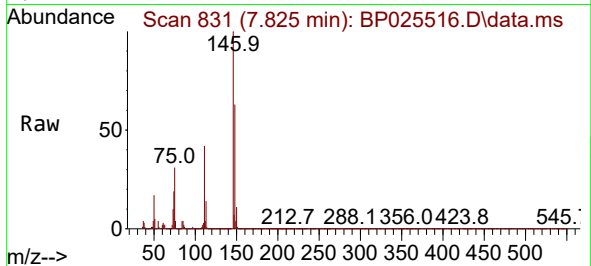




#13
1,4-Dichlorobenzene
Concen: 44.192 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

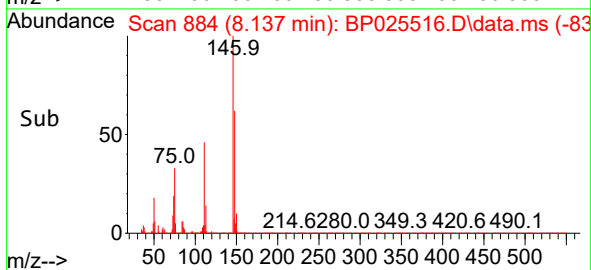
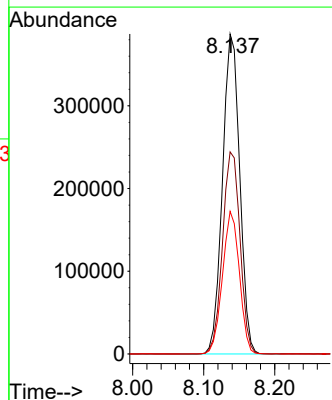
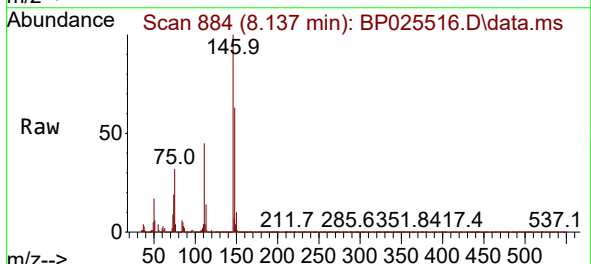
Instrument :
BNA_P
ClientSampleId :

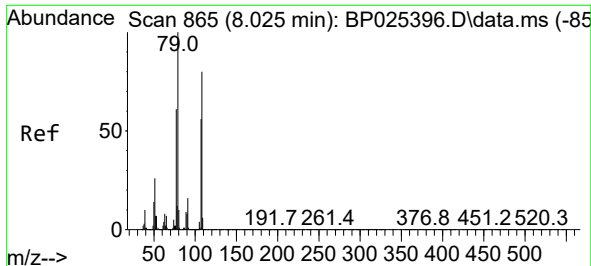
Tgt Ion:146 Resp: 666221
Ion Ratio Lower Upper
146 100
148 63.0 51.6 77.4
111 42.5 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 44.544 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:146 Resp: 650052
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
111 44.6 34.5 51.7

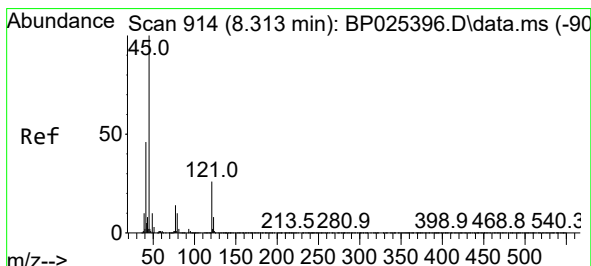
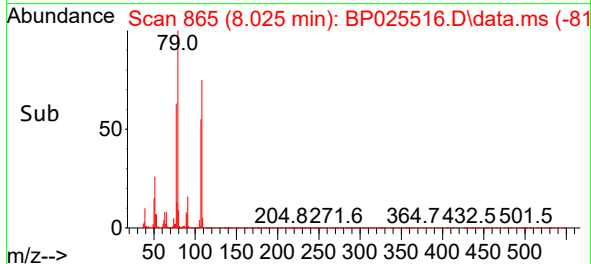
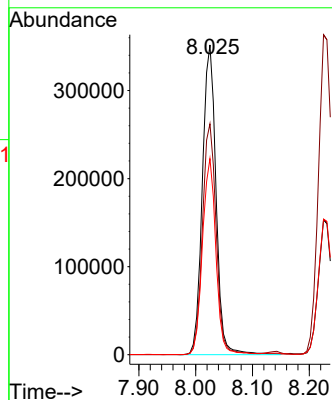
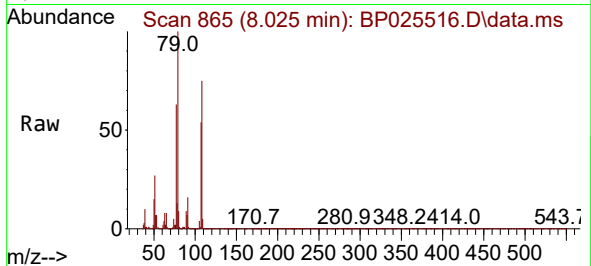




#15
Benzyl Alcohol
Concen: 48.572 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

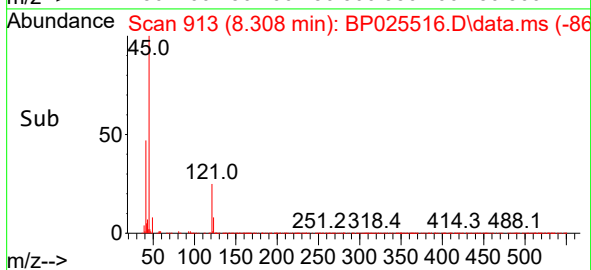
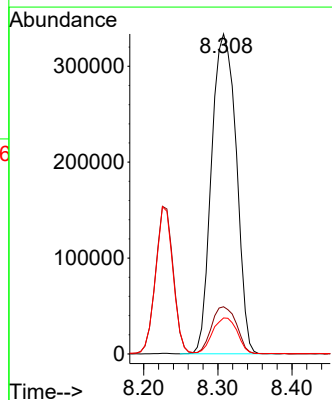
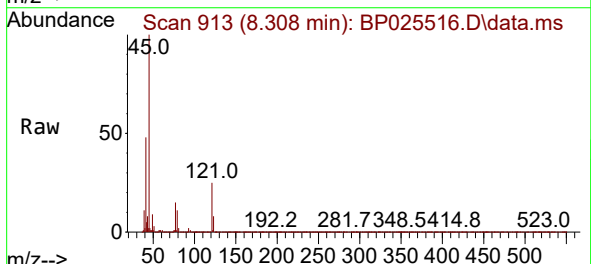
Instrument :
BNA_P
ClientSampleId :

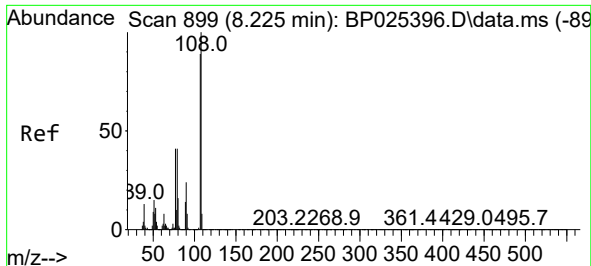
Tgt Ion: 79 Resp: 586521
Ion Ratio Lower Upper
79 100
108 74.5 63.8 95.6
77 63.3 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.392 ng
RT: 8.308 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion: 45 Resp: 772444
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.3
79 11.2 0.0 31.8

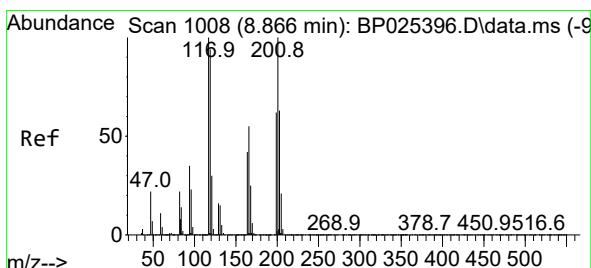
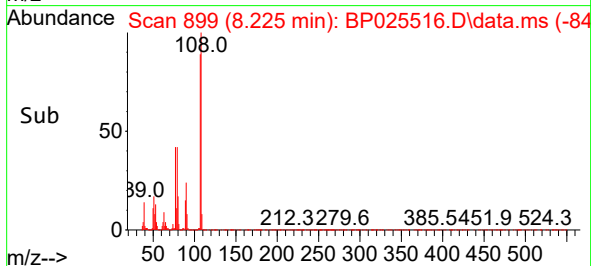
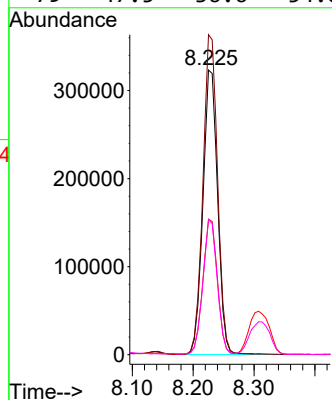
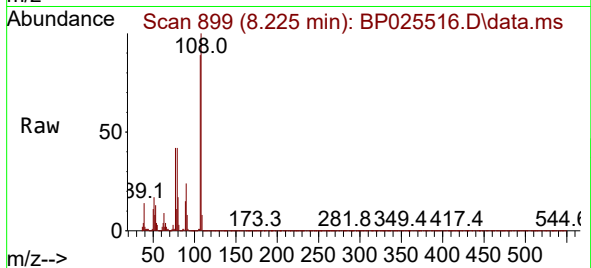




#17
2-Methylphenol
Concen: 48.875 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

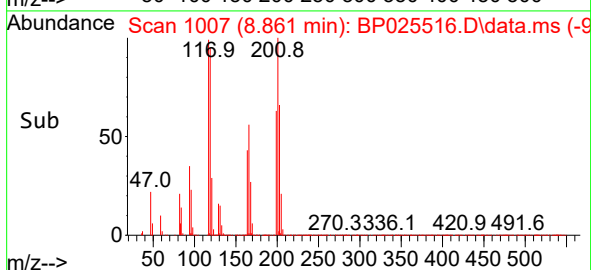
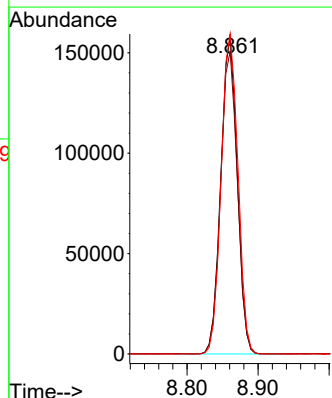
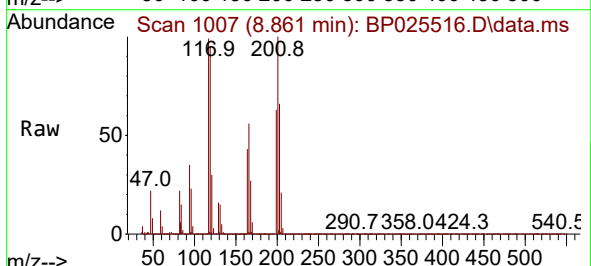
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	107	Resp:	541309
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.4	134.0
77	47.6	36.3	54.5
79	47.5	36.6	54.8



#18
Hexachloroethane
Concen: 45.754 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:	117	Resp:	253613
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.1	112.7
201	100.8	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 44.440 ng

RT: 8.584 min Scan# 961

Delta R.T. -0.006 min

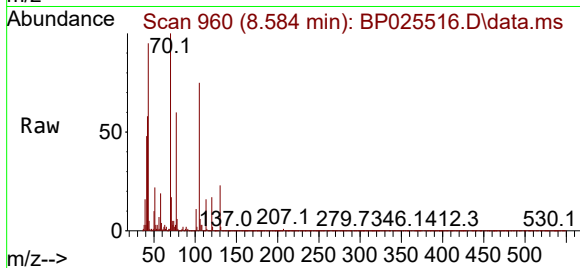
Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :



Tgt Ion: 70 Resp: 447356

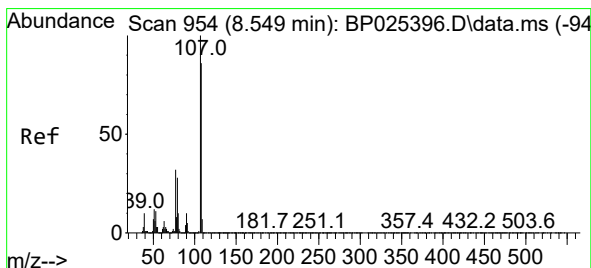
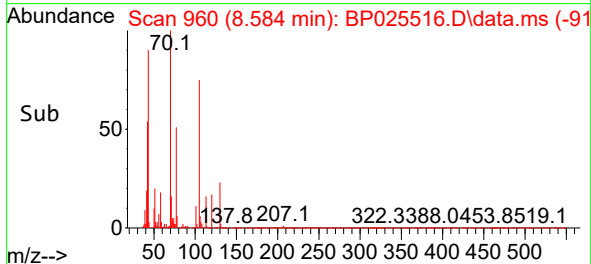
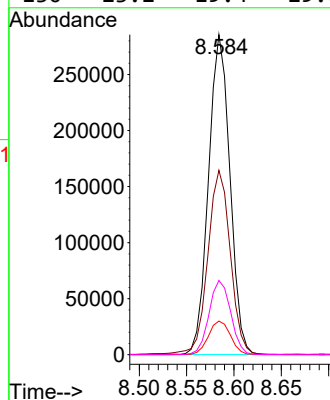
Ion Ratio Lower Upper

70 100

42 57.6 43.8 65.6

101 10.5 8.5 12.7

130 23.2 19.4 29.0



#20

3+4-Methylphenols

Concen: 48.669 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Tgt Ion: 107 Resp: 747172

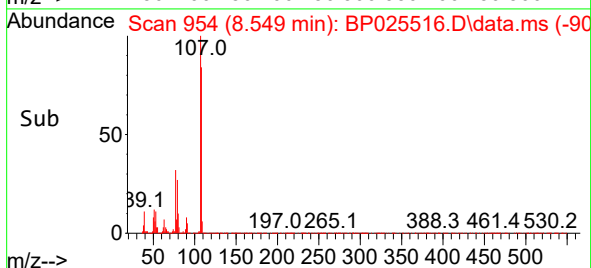
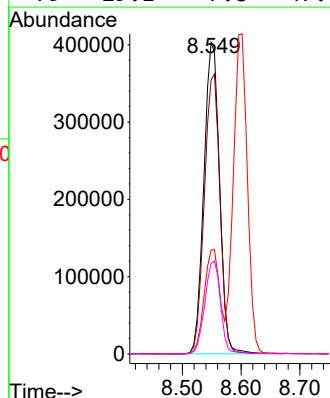
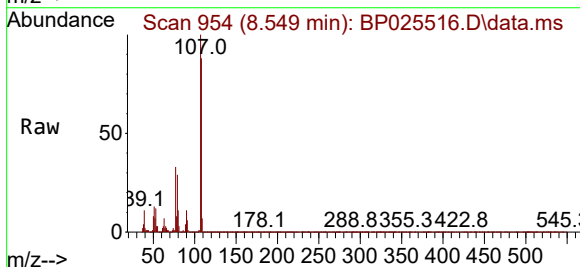
Ion Ratio Lower Upper

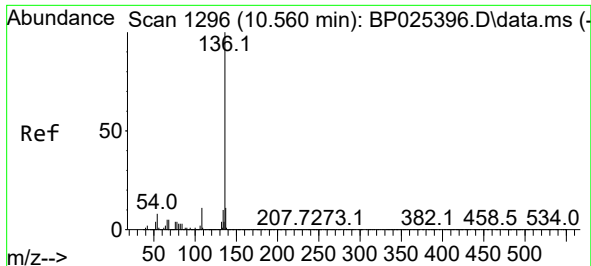
107 100

108 88.0 66.3 106.3

77 33.3 12.3 52.3

79 29.1 7.8 47.8

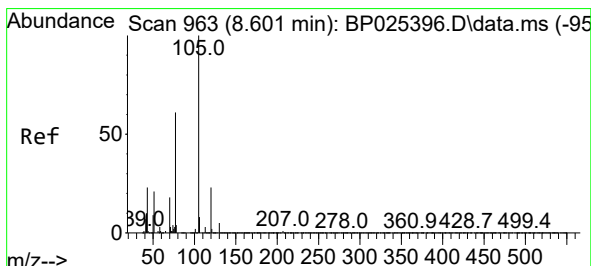
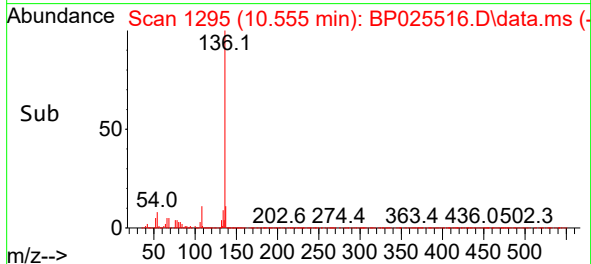
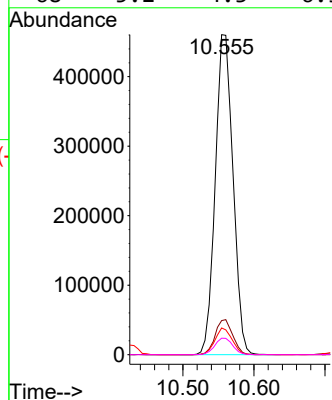
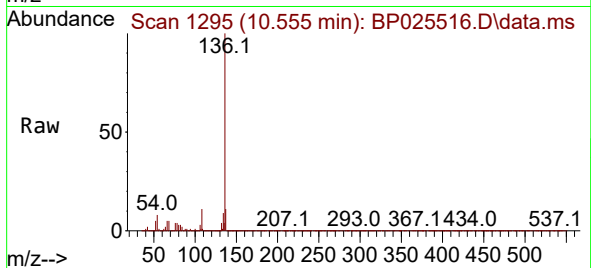




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

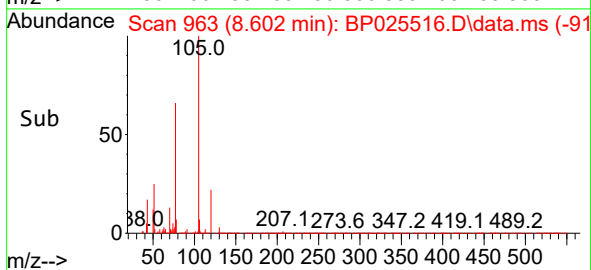
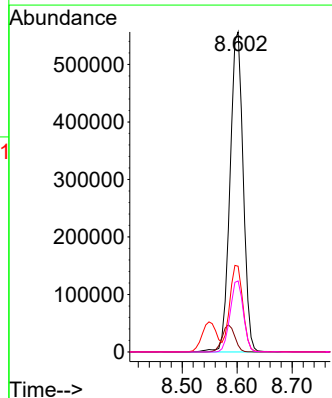
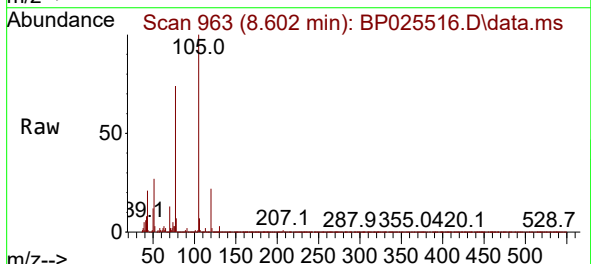
Instrument :
BNA_P
ClientSampleId :

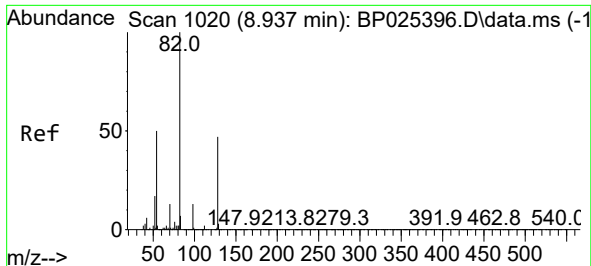
Tgt Ion:	136	Resp:	796434
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.4	6.0	9.0
68	5.2	4.3	6.5



#22
Acetophenone
Concen: 46.348 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:	105	Resp:	925700
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.6	4.0
51	26.8	20.6	30.8
120	22.2	18.6	27.8

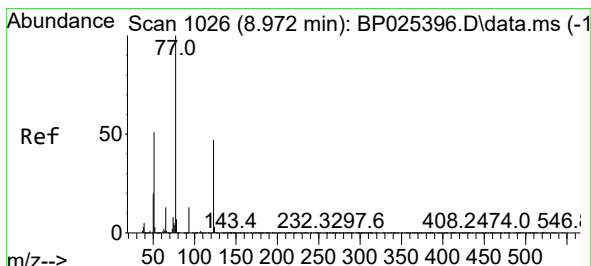
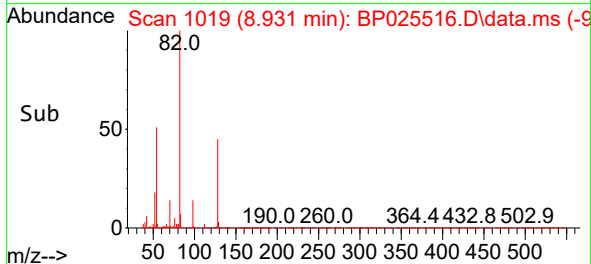
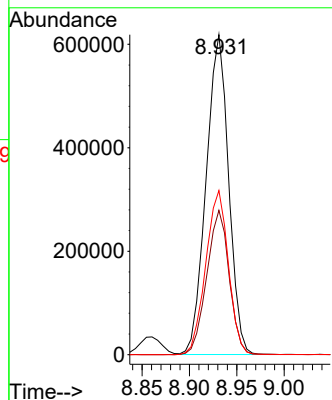
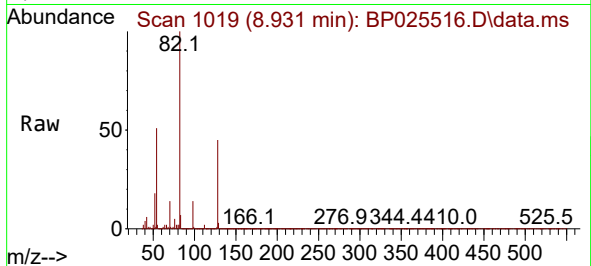




#23
Nitrobenzene-d5
Concen: 65.037 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

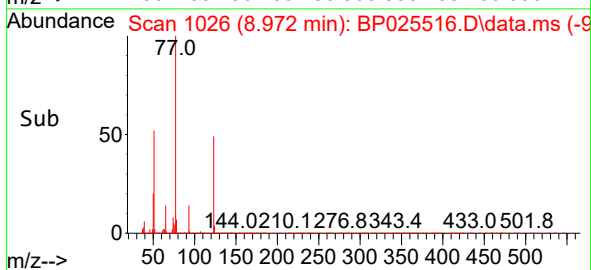
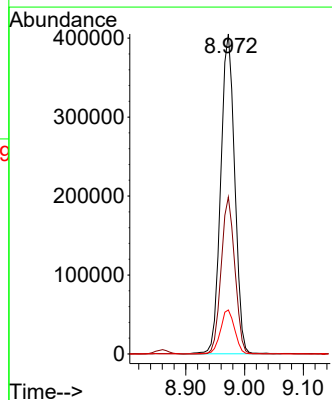
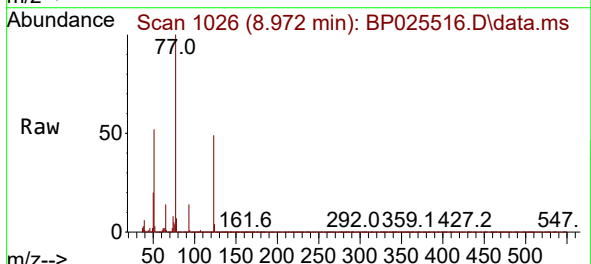
Instrument :
BNA_P
ClientSampleId :

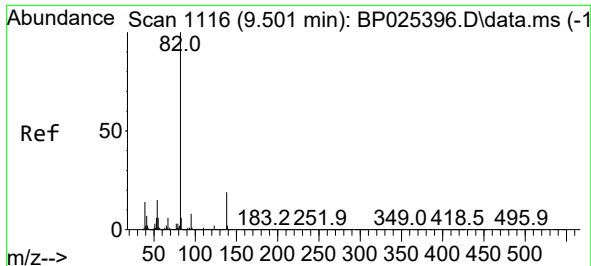
Tgt Ion: 82 Resp: 1023958
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 51.3 39.8 59.6



#24
Nitrobenzene
Concen: 47.583 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion: 77 Resp: 669544
Ion Ratio Lower Upper
77 100
123 49.1 38.6 58.0
65 13.8 10.6 15.8

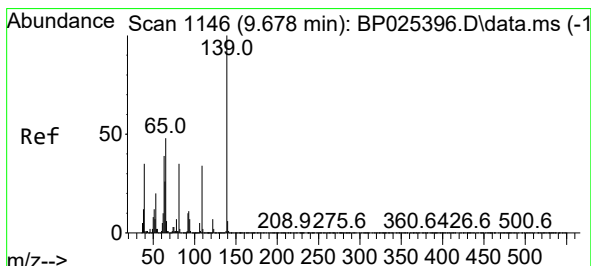
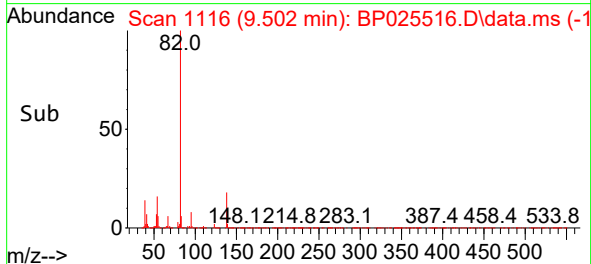
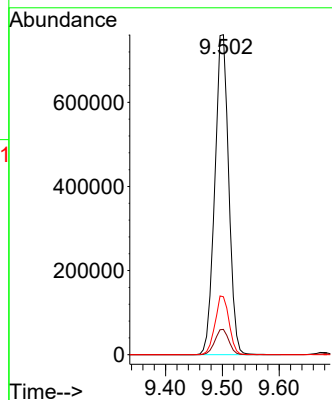
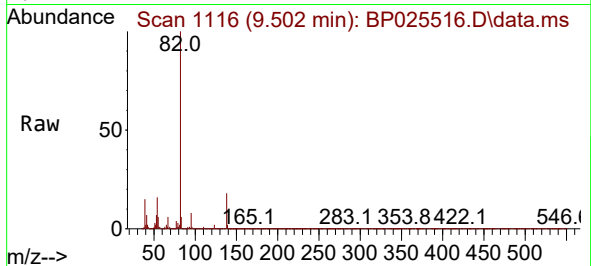




#25
Isophorone
Concen: 46.346 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

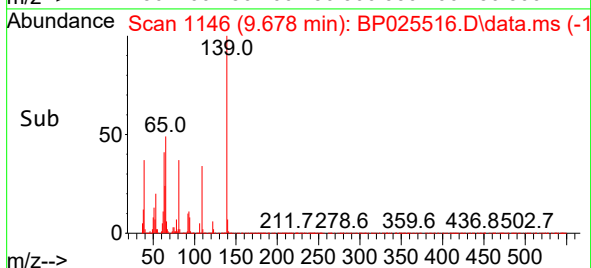
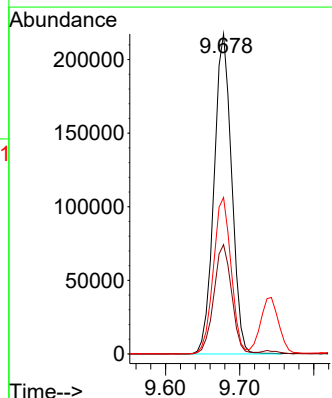
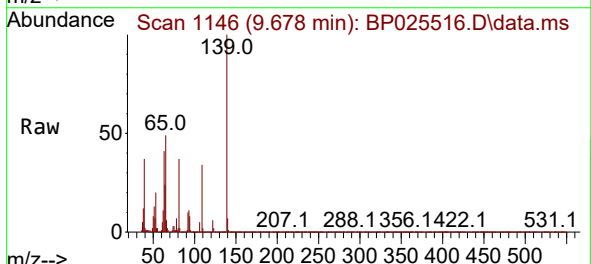
Instrument :
BNA_P
ClientSampleId :

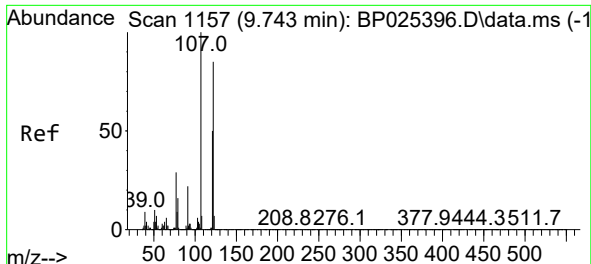
Tgt Ion: 82 Resp: 1291341
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.1 15.4 23.0



#26
2-Nitrophenol
Concen: 49.729 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:139 Resp: 359110
Ion Ratio Lower Upper
139 100
109 34.2 26.9 40.3
65 48.9 38.3 57.5

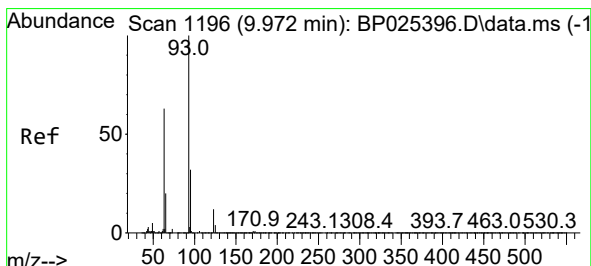
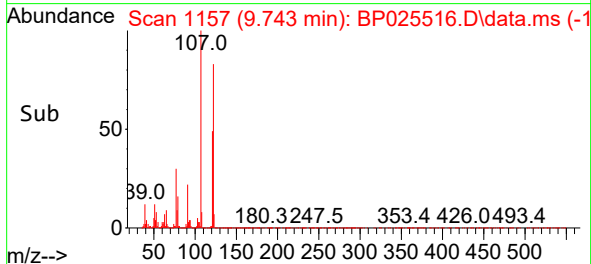
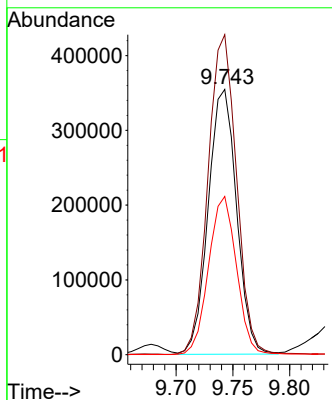
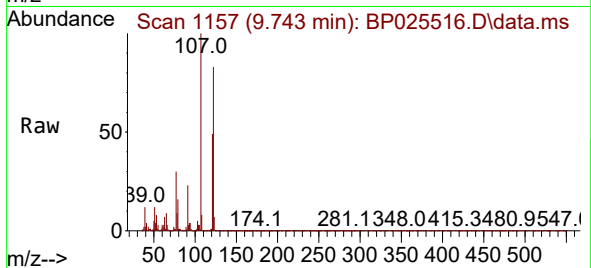




#27
2,4-Dimethylphenol
Concen: 49.605 ng
RT: 9.743 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

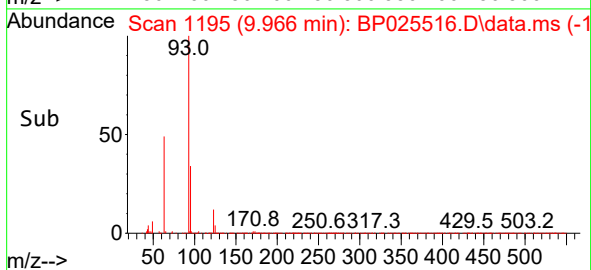
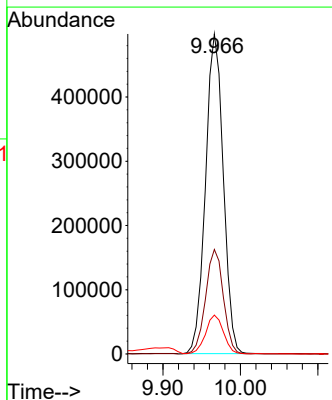
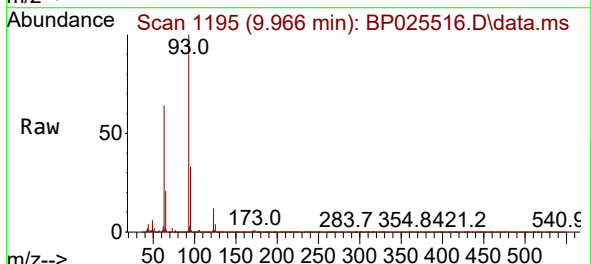
Instrument :
BNA_P
ClientSampleId :

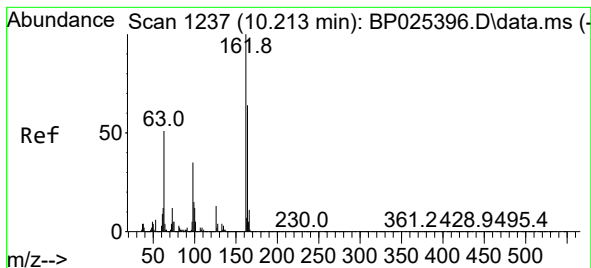
Tgt Ion:122 Resp: 616027
Ion Ratio Lower Upper
122 100
107 120.6 93.7 140.5
121 59.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.040 ng
RT: 9.966 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

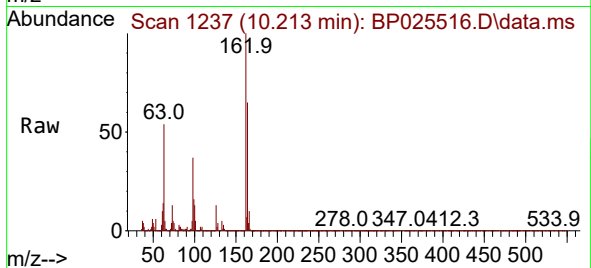
Tgt Ion: 93 Resp: 792282
Ion Ratio Lower Upper
93 100
95 32.7 25.4 38.0
123 12.2 9.4 14.0



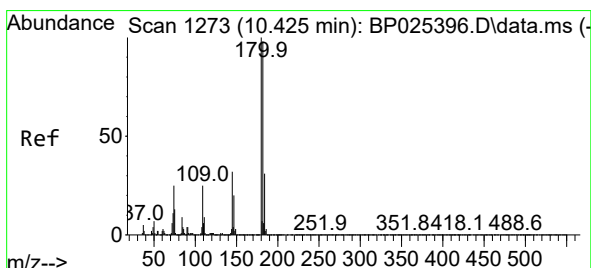
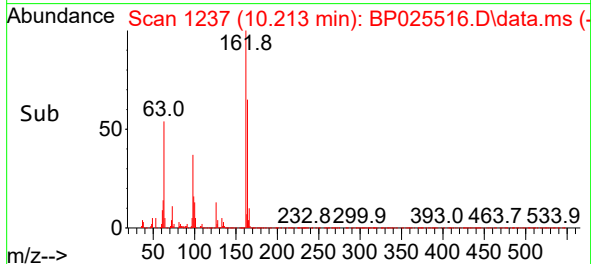
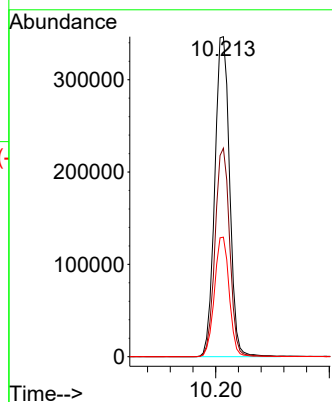


#29
2,4-Dichlorophenol
Concen: 51.032 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Instrument :
BNA_P
ClientSampleId :

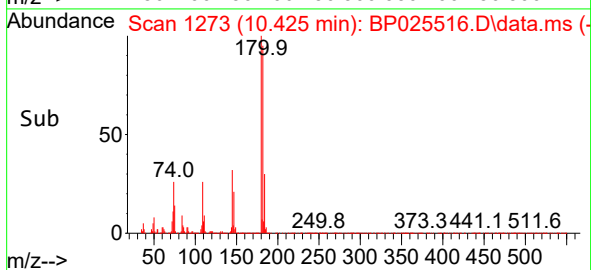
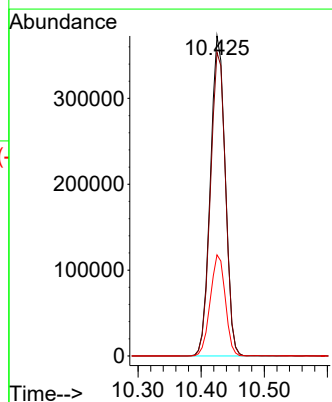
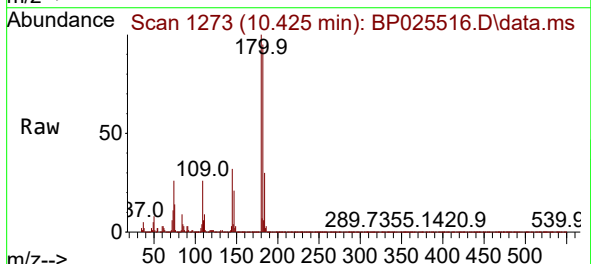


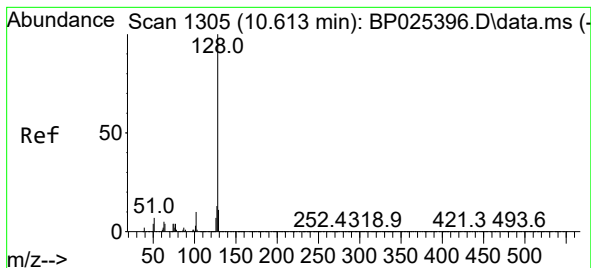
Tgt Ion:162 Resp: 629551
Ion Ratio Lower Upper
162 100
164 65.2 44.4 84.4
98 37.4 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 44.974 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:180 Resp: 608202
Ion Ratio Lower Upper
180 100
182 94.8 78.0 117.0
145 31.6 25.9 38.9

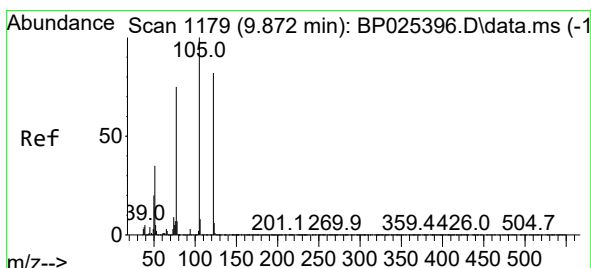
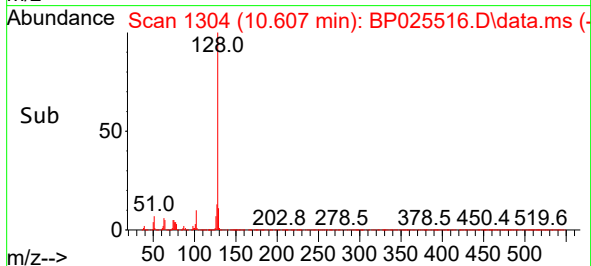
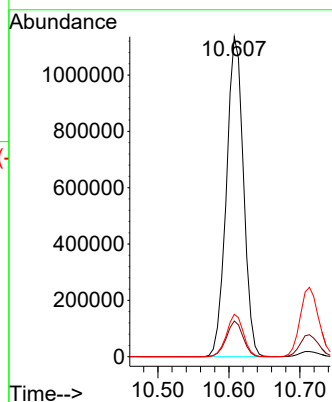
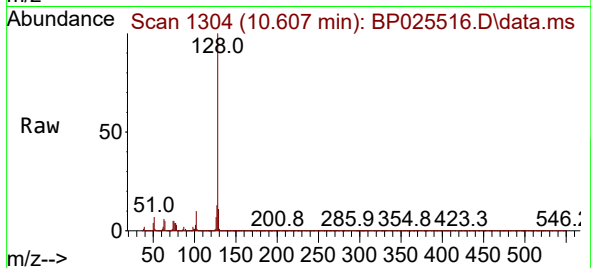




#31
Naphthalene
Concen: 45.625 ng
RT: 10.607 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

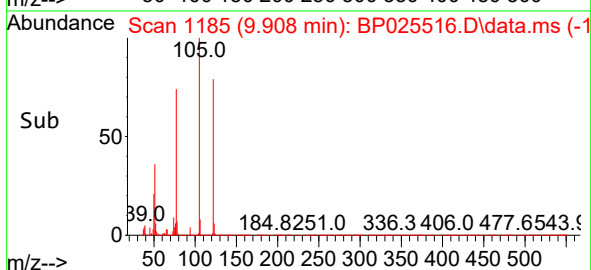
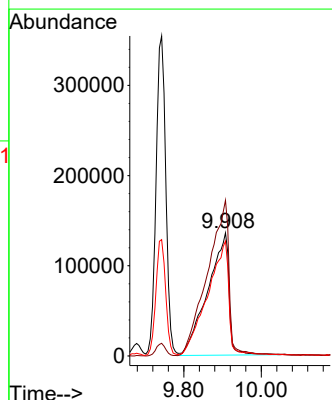
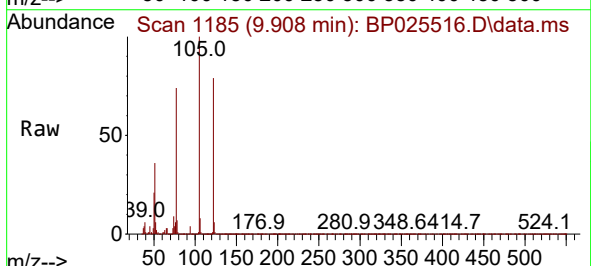
Instrument :
BNA_P
ClientSampleId :

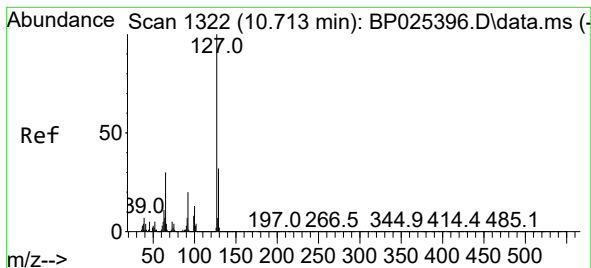
Tgt Ion:128 Resp: 1888650
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 56.224 ng
RT: 9.908 min Scan# 1185
Delta R.T. 0.035 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:122 Resp: 515480
Ion Ratio Lower Upper
122 100
105 126.5 100.6 140.6
77 93.3 71.5 111.5





#33

4-Chloroaniline

Concen: 24.662 ng

RT: 10.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:127 Resp: 450951

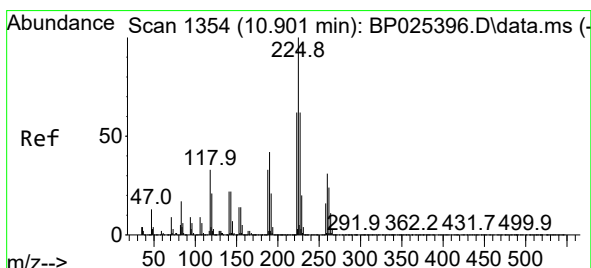
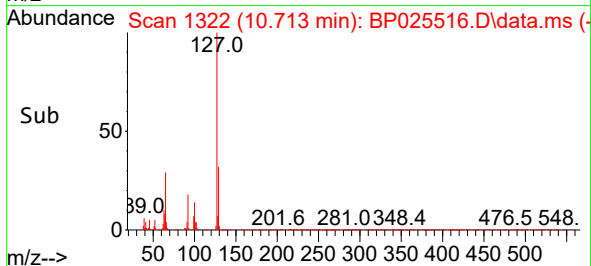
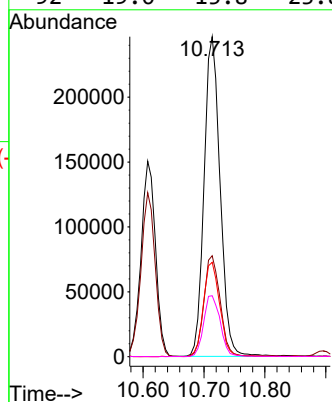
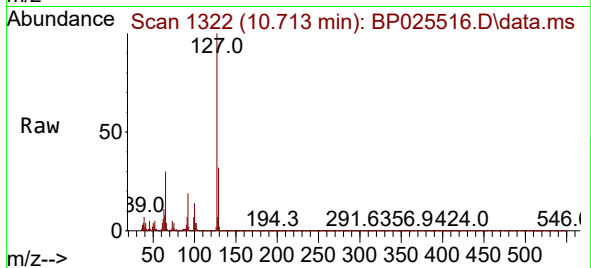
Ion Ratio Lower Upper

127 100

129 31.5 25.4 38.2

65 29.5 23.8 35.6

92 19.0 15.8 23.8



#34

Hexachlorobutadiene

Concen: 46.148 ng

RT: 10.896 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

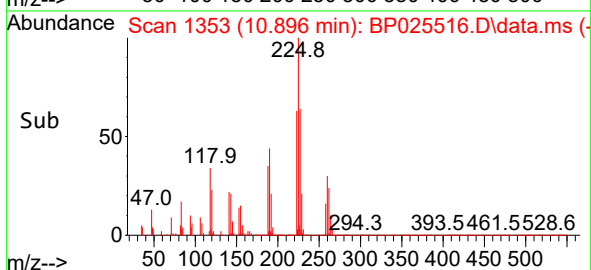
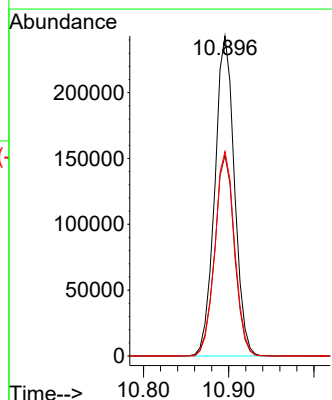
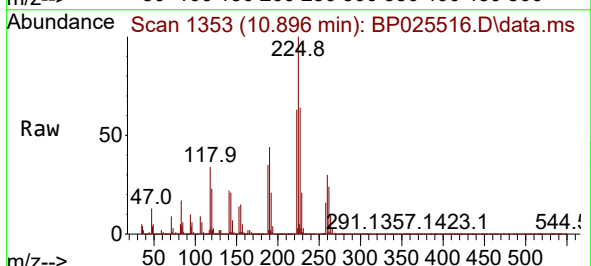
Tgt Ion:225 Resp: 388664

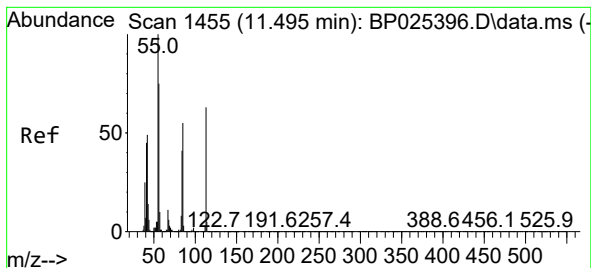
Ion Ratio Lower Upper

225 100

223 62.6 50.0 75.0

227 63.9 49.7 74.5

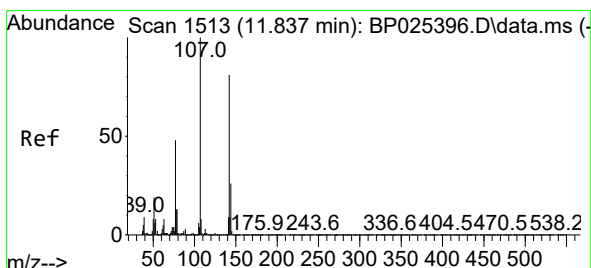
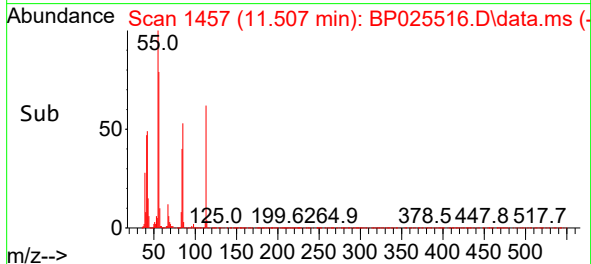
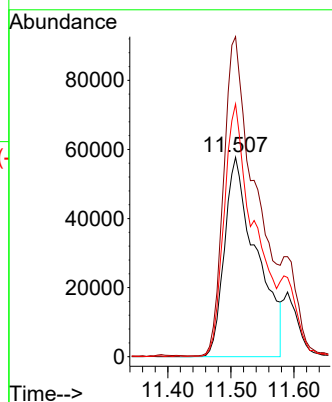
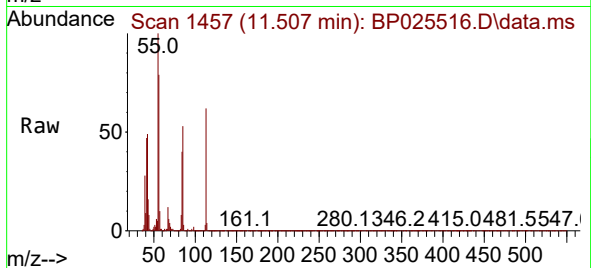




#35
Caprolactam
Concen: 44.716 ng
RT: 11.507 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

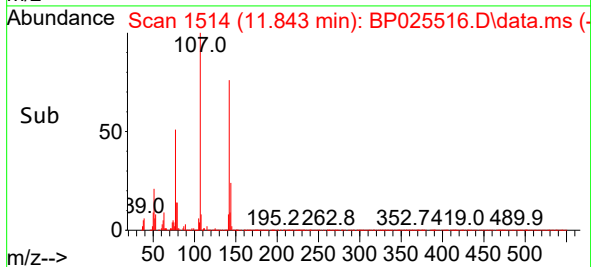
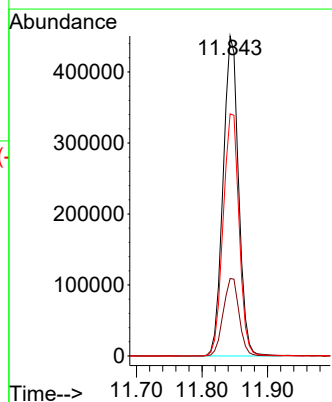
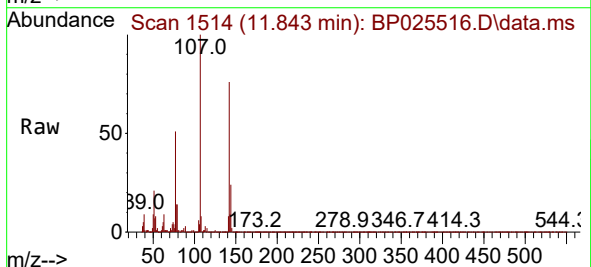
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:113 Resp: 202272
Ion Ratio Lower Upper
113 100
55 160.5 140.0 180.0
56 126.7 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 51.912 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:107 Resp: 734853
Ion Ratio Lower Upper
107 100
144 24.2 21.0 31.4
142 75.7 64.6 97.0

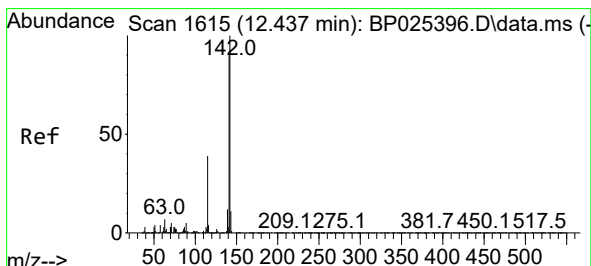
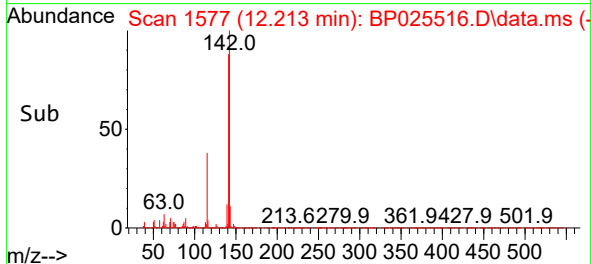
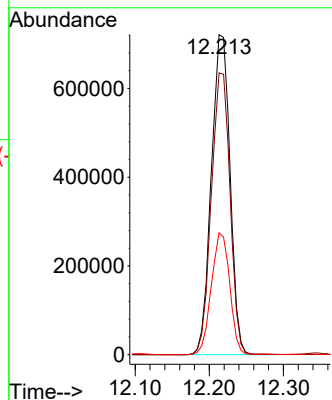
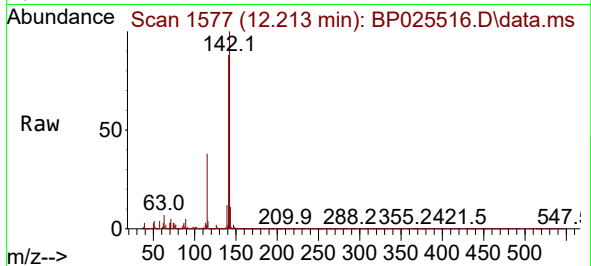




#37
2-Methylnaphthalene
Concen: 46.913 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

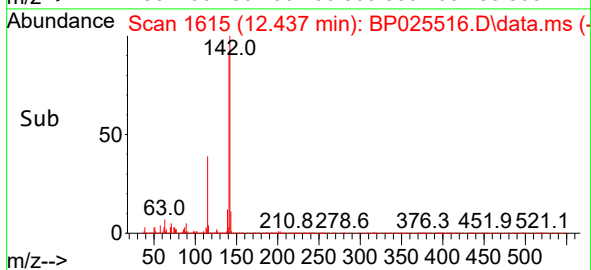
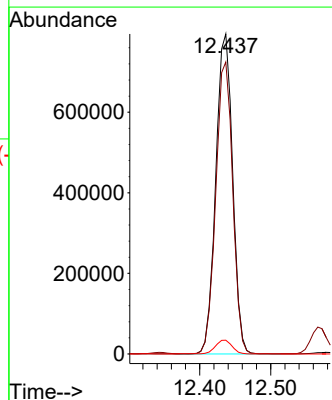
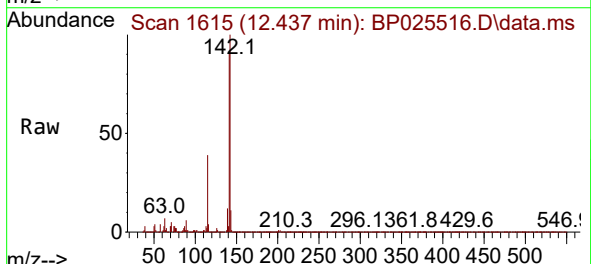
Instrument :
BNA_P
ClientSampleId :

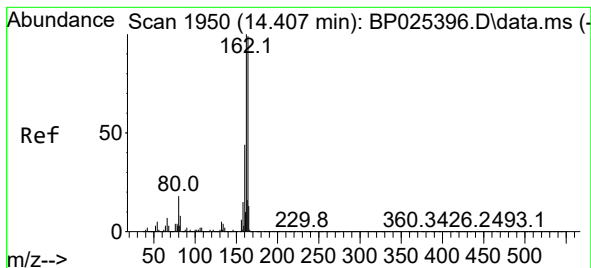
Tgt Ion:142 Resp: 1263780
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5
115 38.1 28.9 43.3



#38
1-Methylnaphthalene
Concen: 45.474 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:142 Resp: 1302740
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7
116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

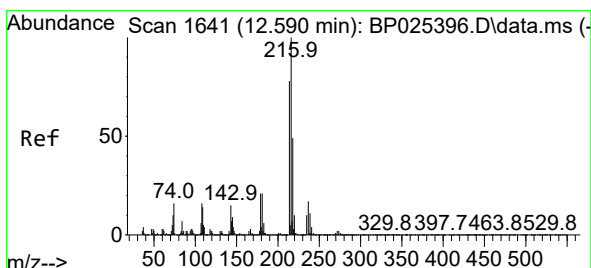
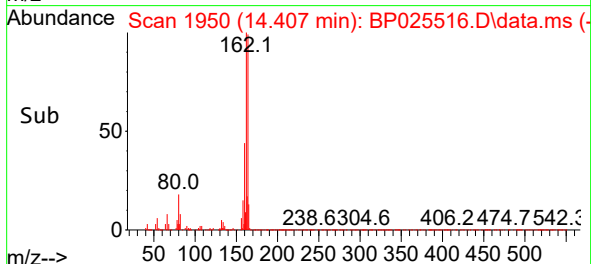
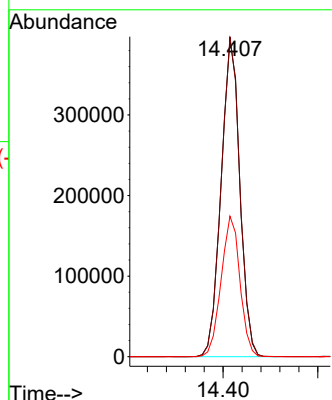
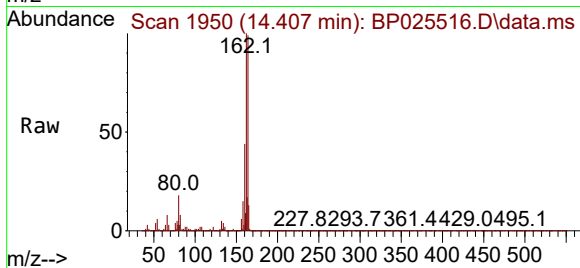
Tgt Ion:164 Resp: 542391

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

160 44.3 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.877 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Tgt Ion:216 Resp: 702998

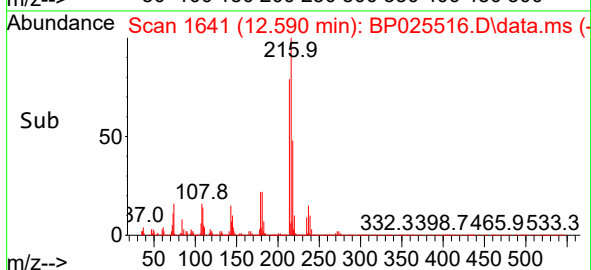
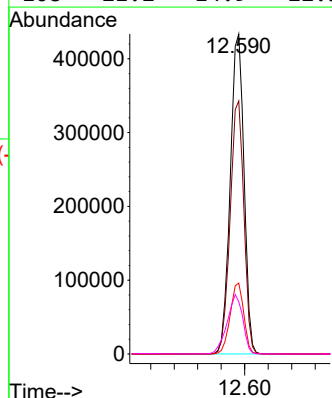
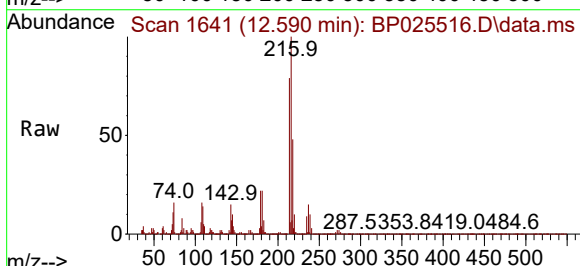
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 21.9 17.1 25.7

108 21.2 14.9 22.3

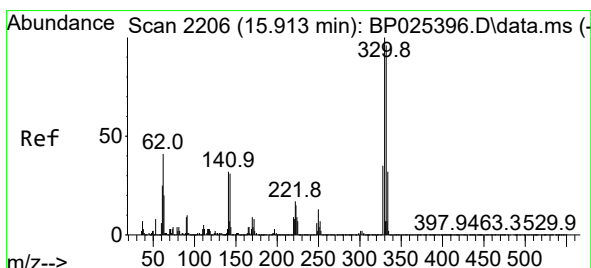
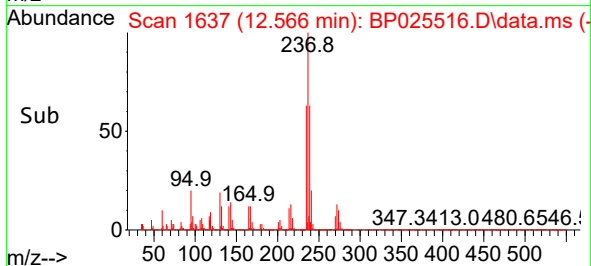
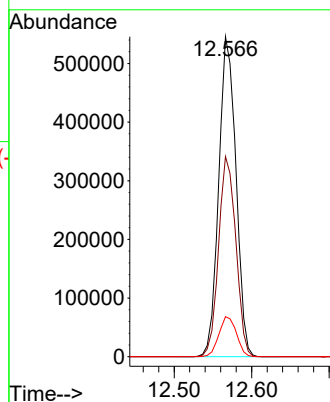
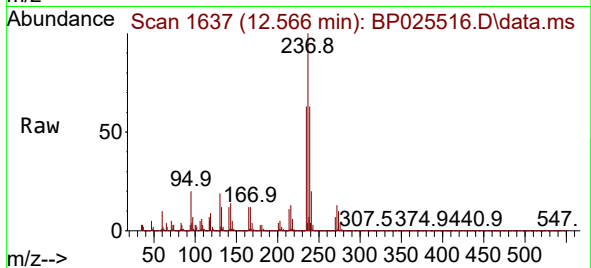




#41
Hexachlorocyclopentadiene
Concen: 89.262 ng
RT: 12.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

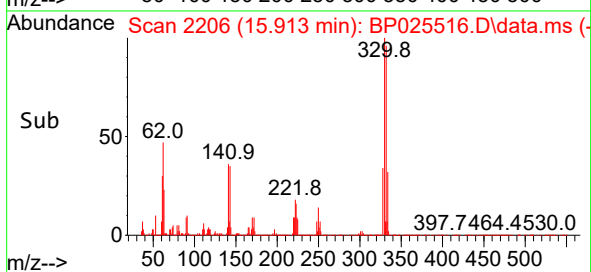
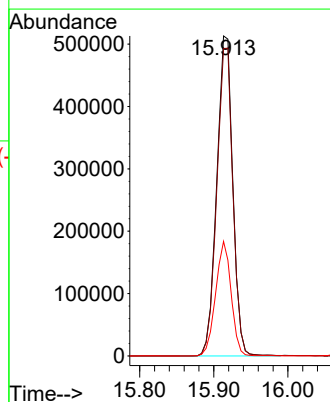
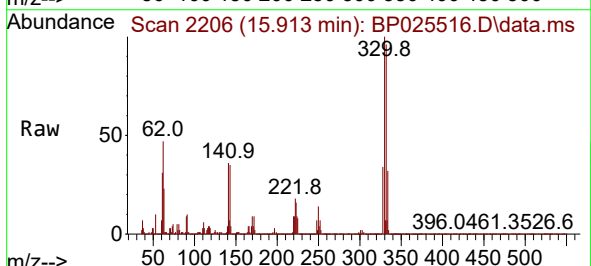
Instrument :
BNA_P
ClientSampleId :

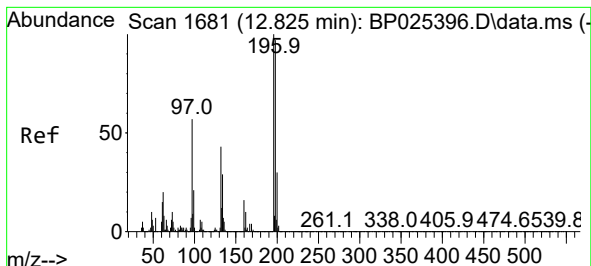
Tgt Ion:237 Resp: 844610
Ion Ratio Lower Upper
237 100
235 62.5 42.7 82.7
272 12.5 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 105.692 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:330 Resp: 771618
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 50.034 ng

RT: 12.825 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

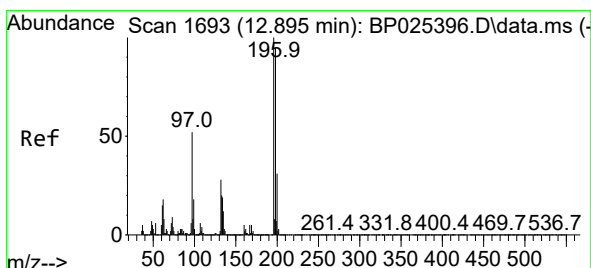
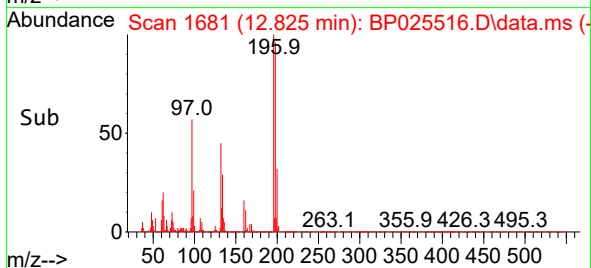
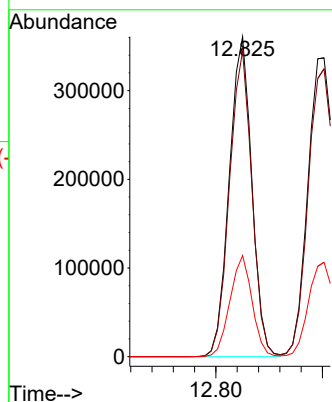
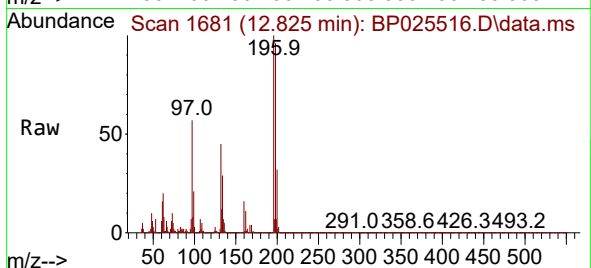
Tgt Ion:196 Resp: 529135

Ion Ratio Lower Upper

196 100

198 95.5 77.2 115.8

200 31.6 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 51.115 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Tgt Ion:196 Resp: 592451

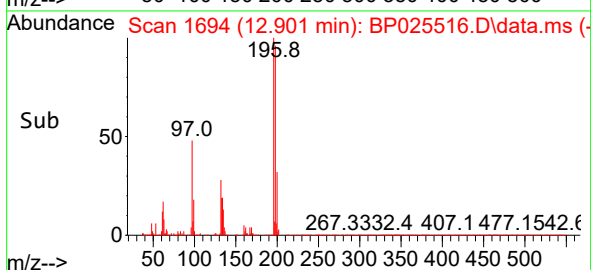
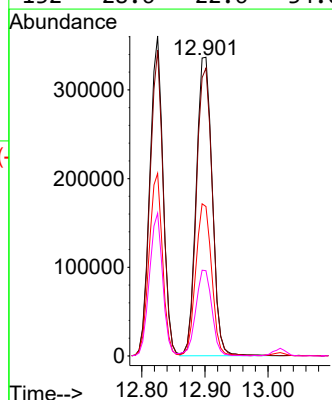
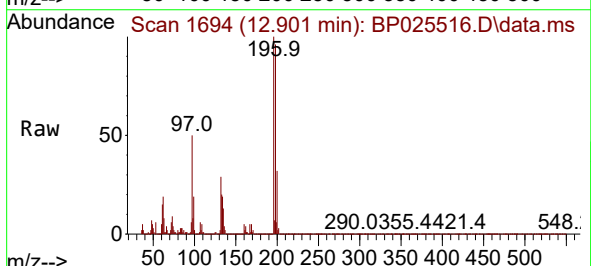
Ion Ratio Lower Upper

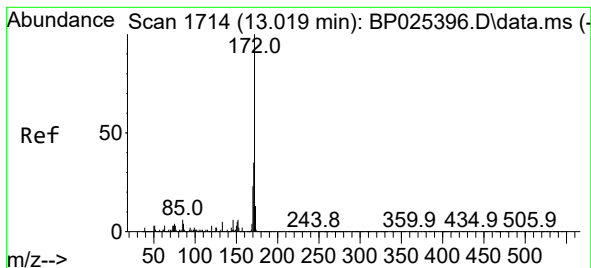
196 100

198 96.4 76.2 114.2

97 50.0 41.2 61.8

132 28.6 22.6 34.0

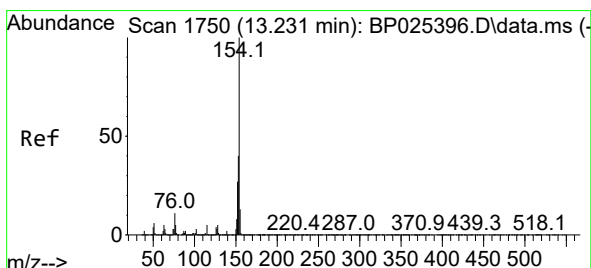
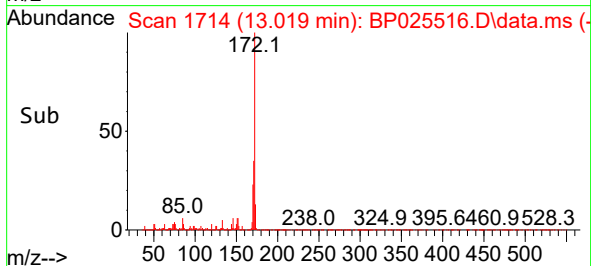
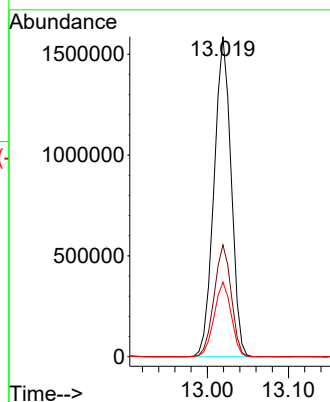
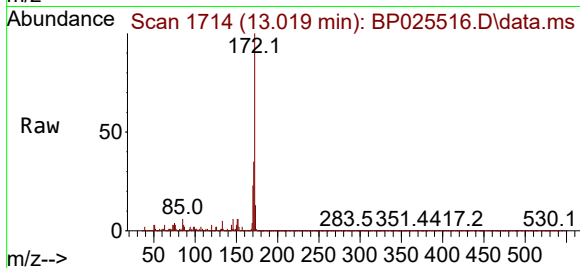




#45
2-Fluorobiphenyl
Concen: 58.451 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

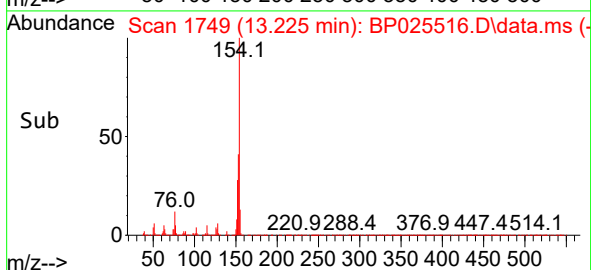
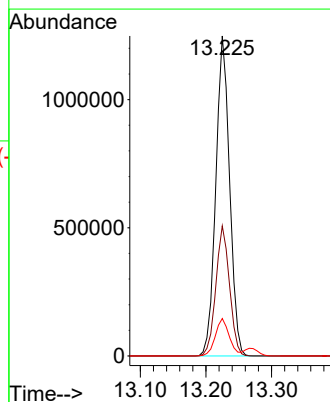
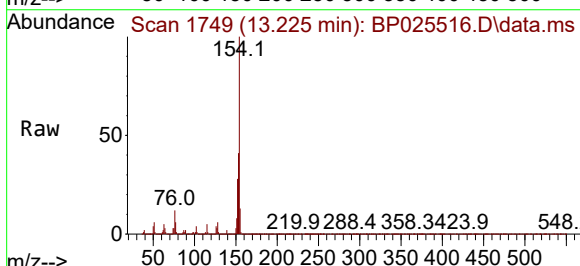
Instrument :
BNA_P
ClientSampleId :

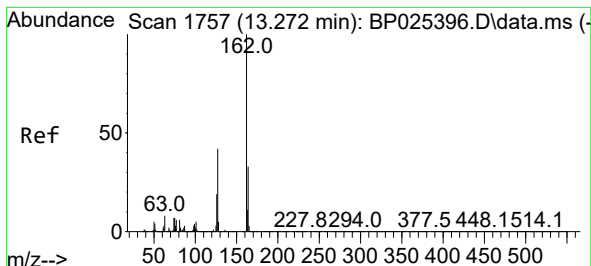
Tgt Ion:172 Resp: 2319713
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.123 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:154 Resp: 1816843
Ion Ratio Lower Upper
154 100
153 40.7 19.5 59.5
76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.407 ng

RT: 13.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

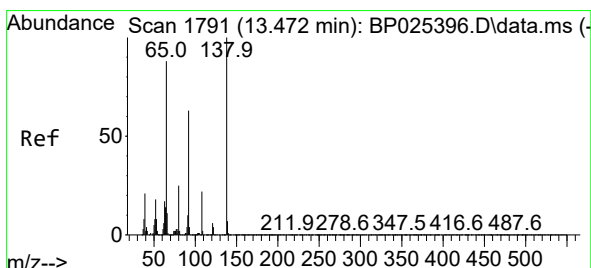
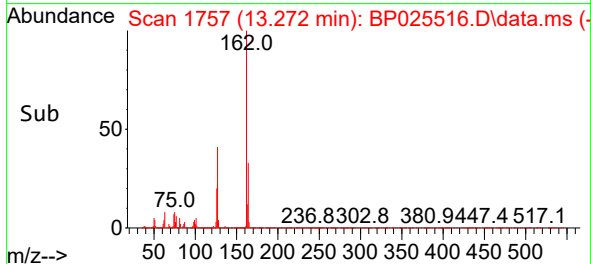
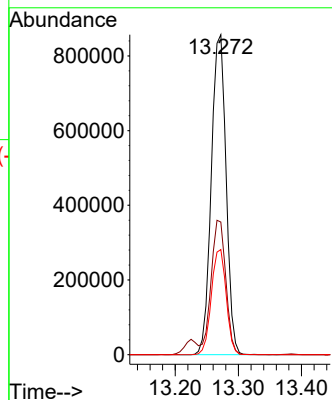
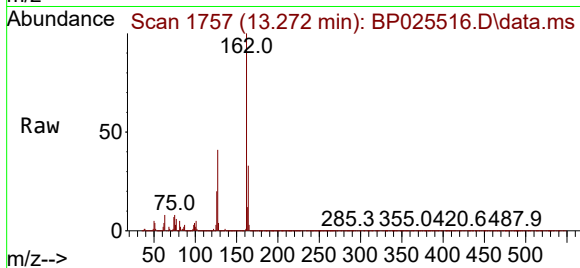
Tgt Ion:162 Resp: 1392441

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 52.709 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

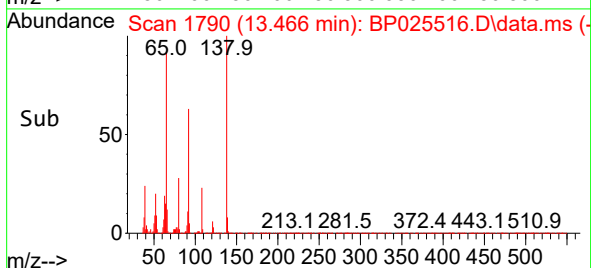
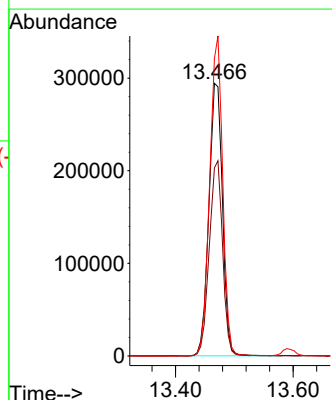
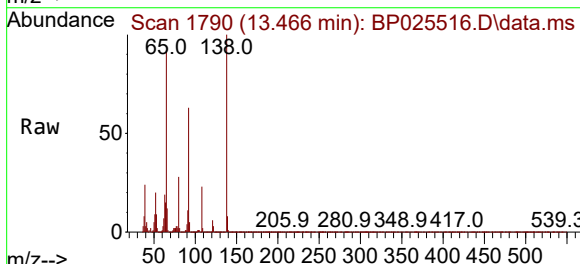
Tgt Ion: 65 Resp: 470973

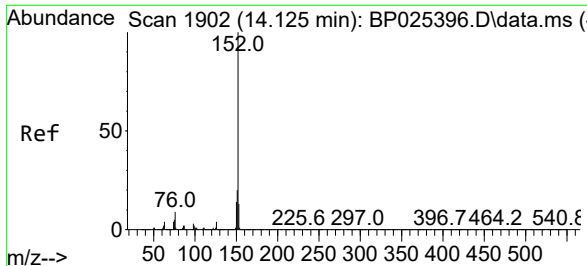
Ion Ratio Lower Upper

65 100

92 69.0 57.6 86.4

138 109.2 91.0 136.6

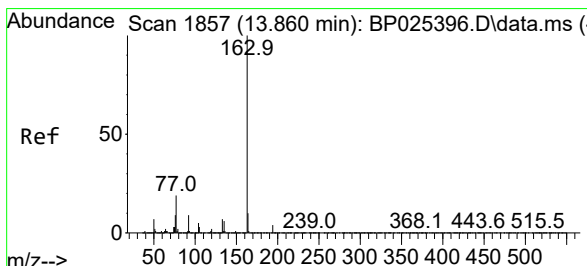
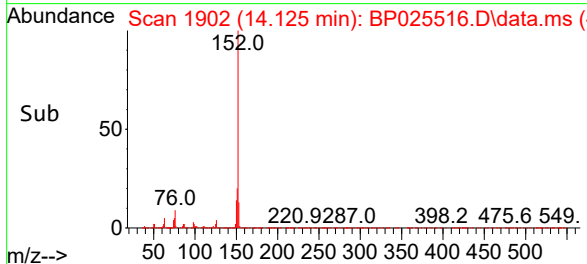
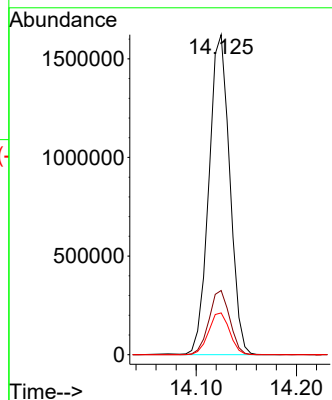
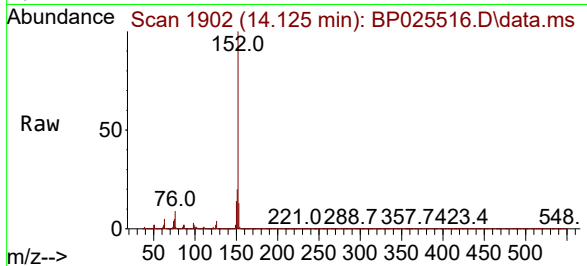




#49
Acenaphthylene
Concen: 46.035 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

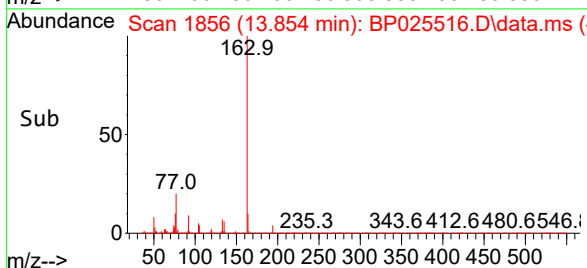
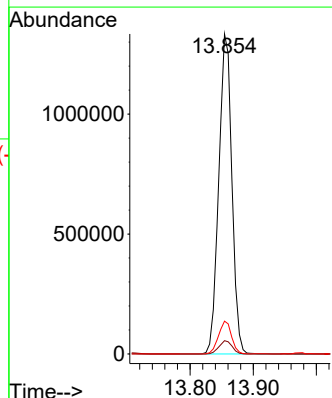
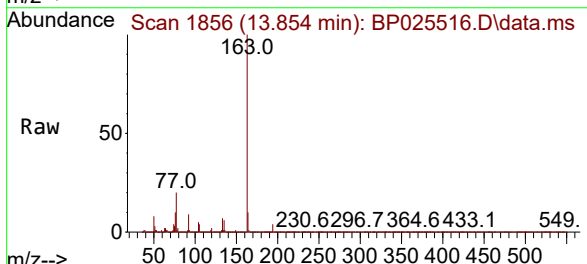
Instrument :
BNA_P
ClientSampleId :

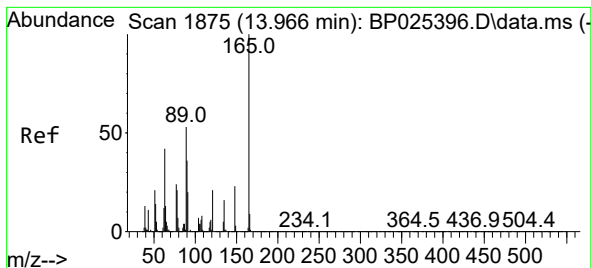
Tgt Ion:152 Resp: 2335961
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 48.428 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:163 Resp: 1923497
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 7.9 11.9

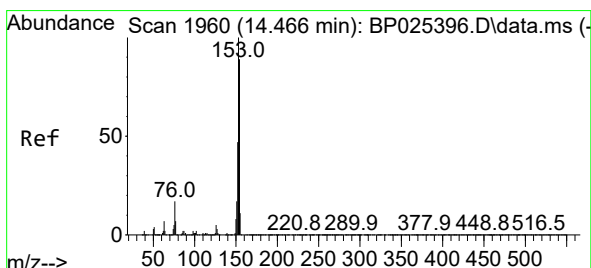
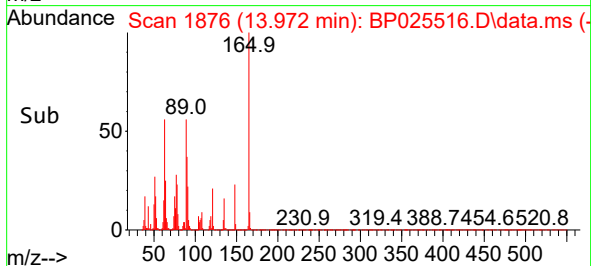
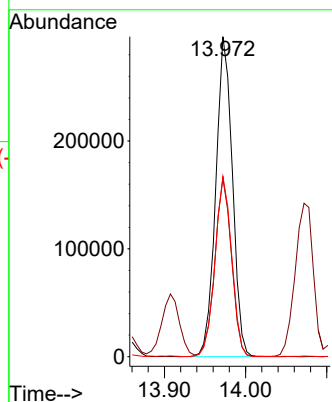
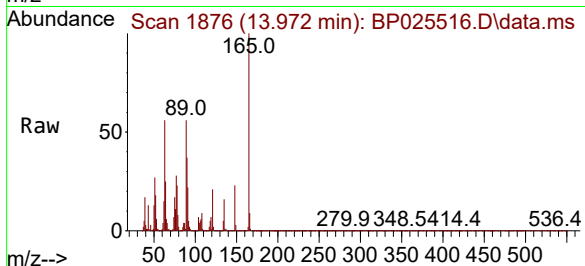




#51
2,6-Dinitrotoluene
Concen: 50.571 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

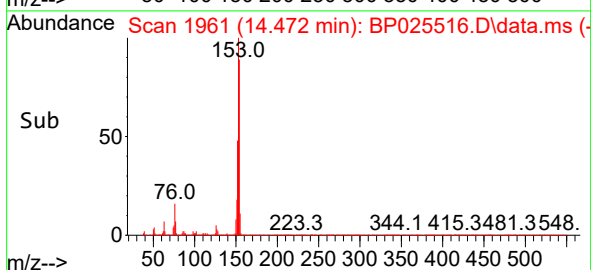
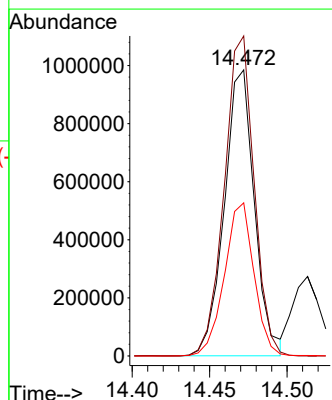
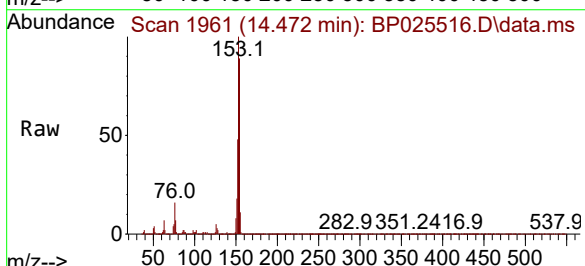
Instrument :
BNA_P
ClientSampleId :

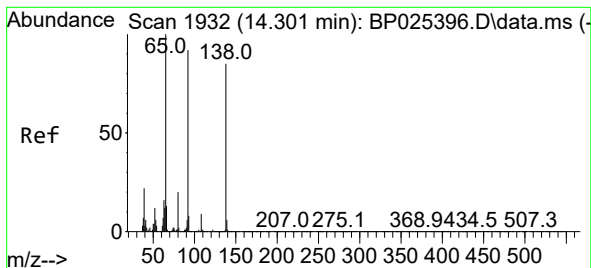
Tgt Ion:165 Resp: 423357
Ion Ratio Lower Upper
165 100
63 55.7 40.9 61.3
89 56.3 42.1 63.1



#52
Acenaphthene
Concen: 44.762 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:154 Resp: 1333260
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 53.6 42.1 63.1

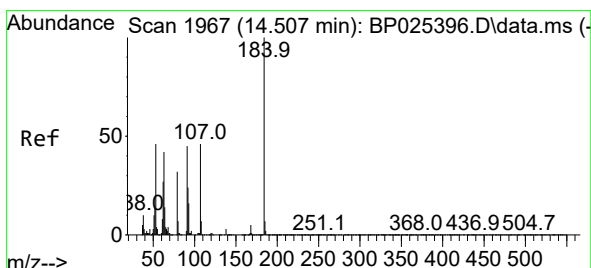
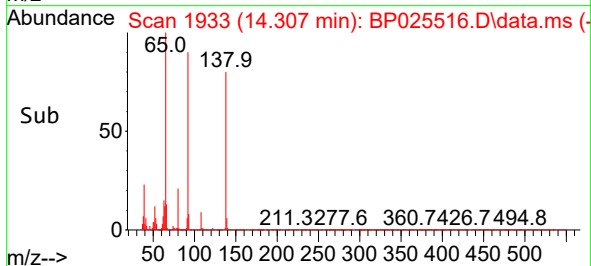
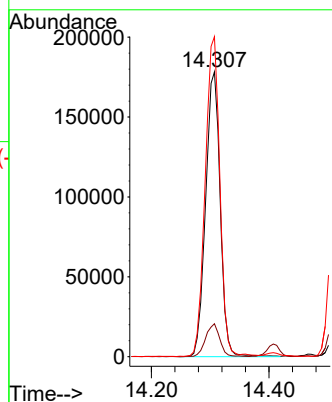
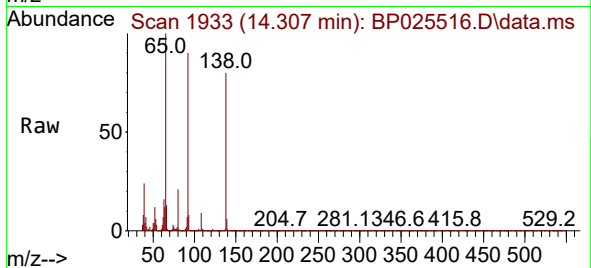




#53
3-Nitroaniline
Concen: 32.515 ng
RT: 14.307 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

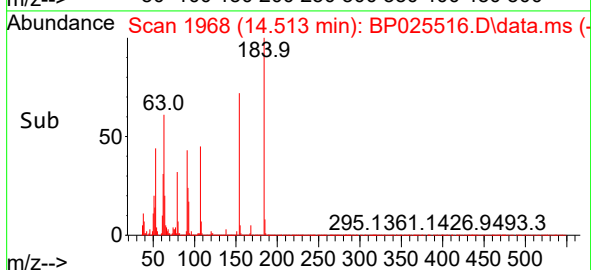
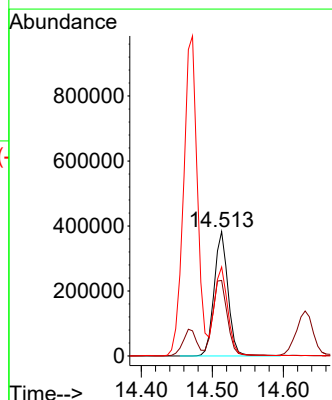
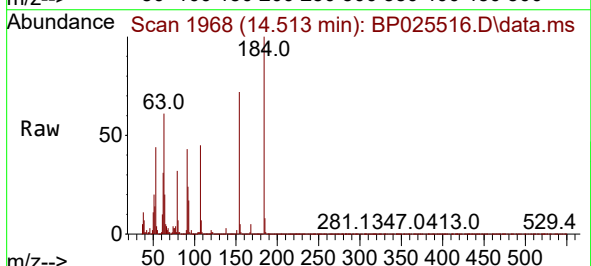
Instrument :
BNA_P
ClientSampleId :

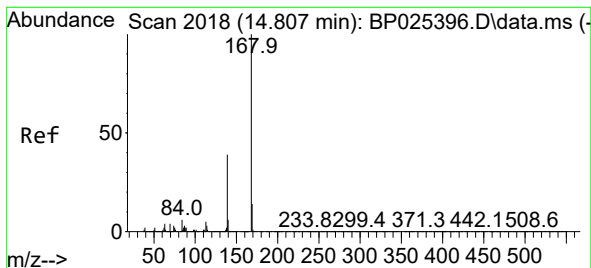
Tgt Ion:138 Resp: 306252
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 112.4 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 115.933 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:184 Resp: 518294
Ion Ratio Lower Upper
184 100
63 60.8 49.4 74.2
154 71.5 54.6 82.0





#55

Dibenzofuran

Concen: 45.760 ng

RT: 14.807 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

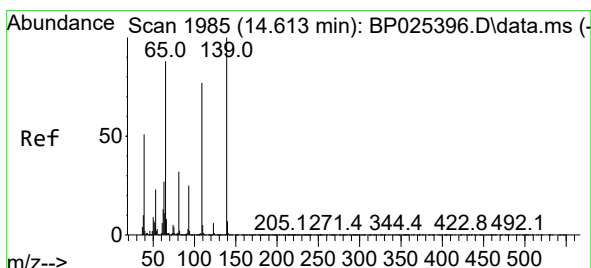
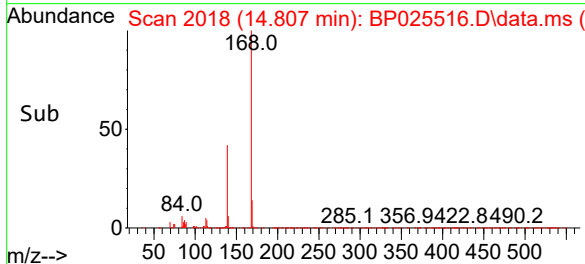
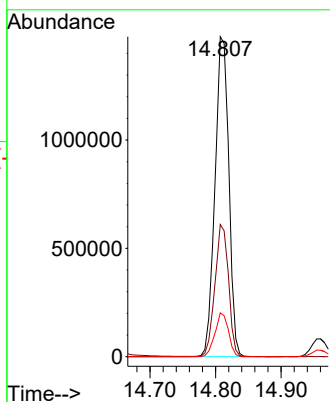
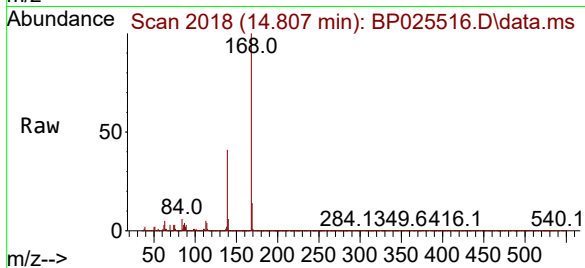
Tgt Ion:168 Resp: 2154905

Ion Ratio Lower Upper

168 100

139 41.3 31.5 47.3

169 13.7 10.9 16.3



#56

4-Nitrophenol

Concen: 100.749 ng

RT: 14.631 min Scan# 1988

Delta R.T. 0.018 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

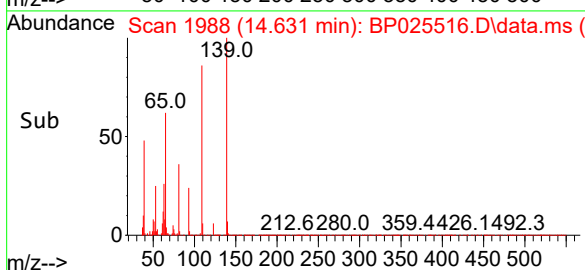
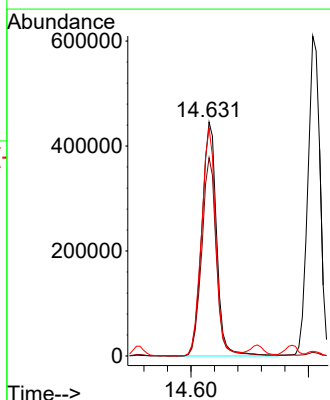
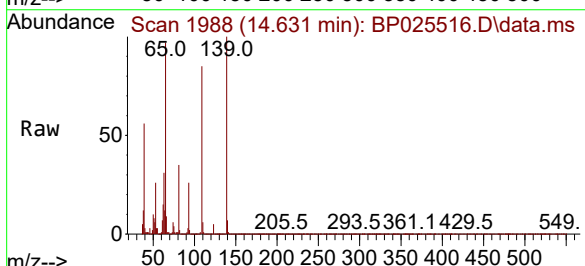
Tgt Ion:139 Resp: 779771

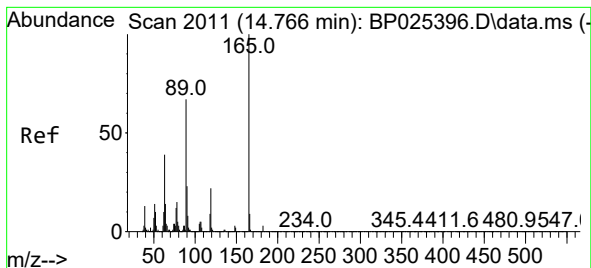
Ion Ratio Lower Upper

139 100

109 84.8 56.6 96.6

65 97.4 68.2 108.2

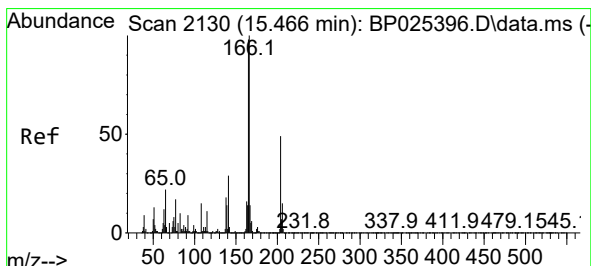
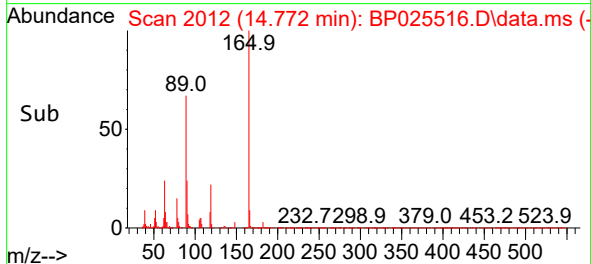
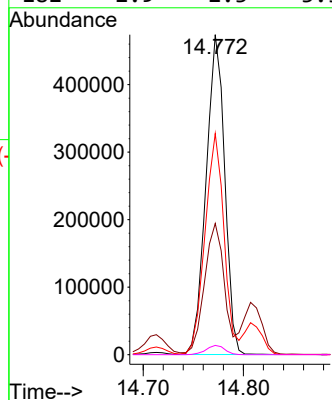
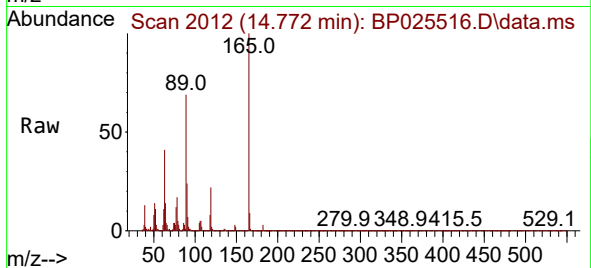




#57
2,4-Dinitrotoluene
Concen: 51.453 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

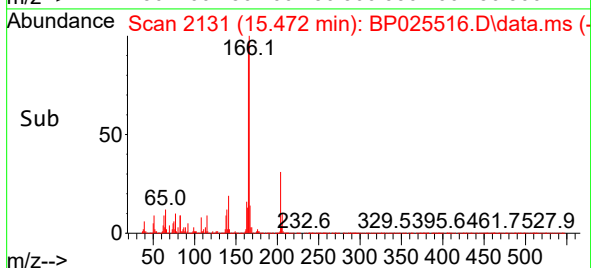
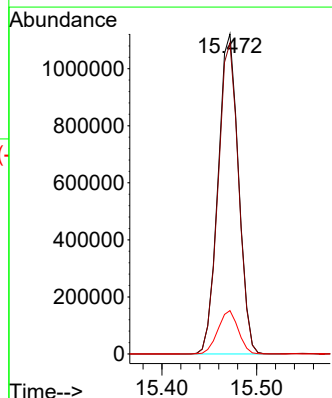
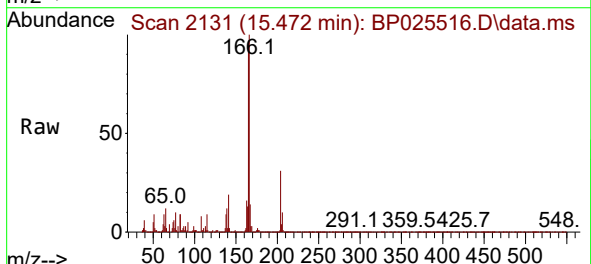
Instrument :
BNA_P
ClientSampleId :

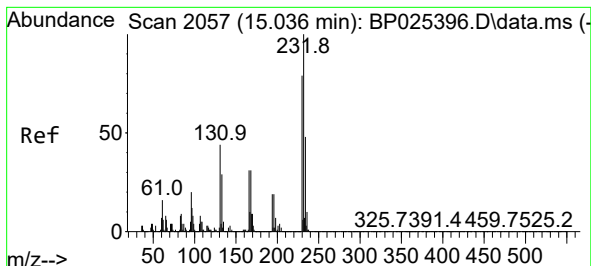
Tgt Ion:165 Resp: 614566
Ion Ratio Lower Upper
165 100
63 41.0 31.4 47.2
89 69.1 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 45.238 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:166 Resp: 1680951
Ion Ratio Lower Upper
166 100
165 97.2 78.8 118.2
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.862 ng

RT: 15.048 min Scan# 2059

Delta R.T. 0.012 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:232 Resp: 520533

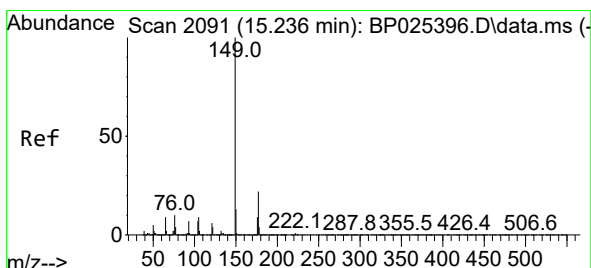
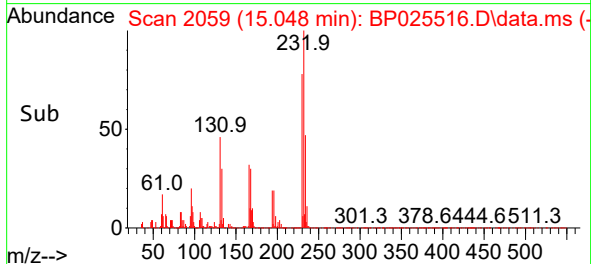
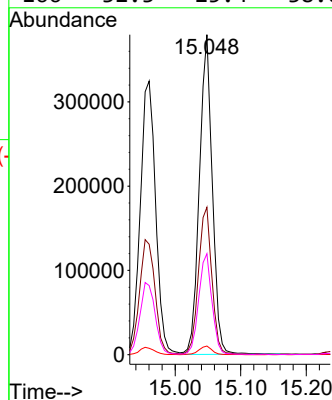
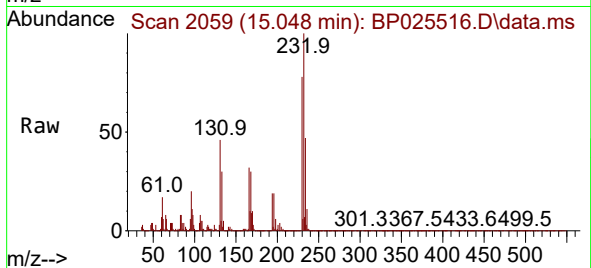
Ion Ratio Lower Upper

232 100

131 47.7 37.0 55.6

130 2.6 1.9 2.9

166 32.3 25.4 38.0



#60

Diethylphthalate

Concen: 49.161 ng

RT: 15.237 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

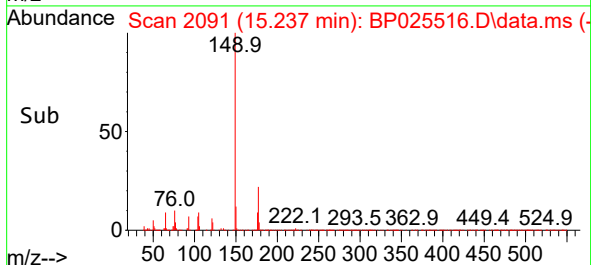
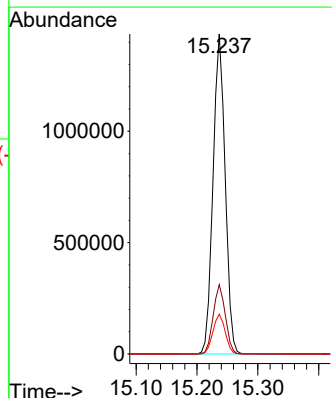
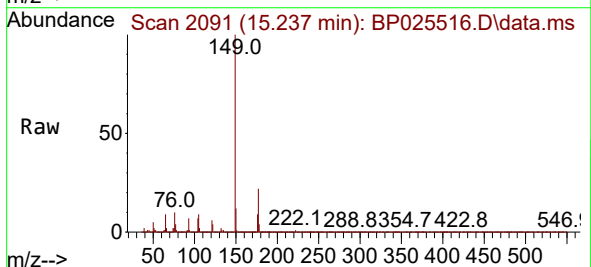
Tgt Ion:149 Resp: 1984056

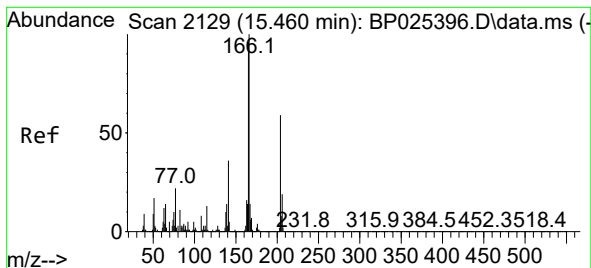
Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

150 12.4 10.3 15.5

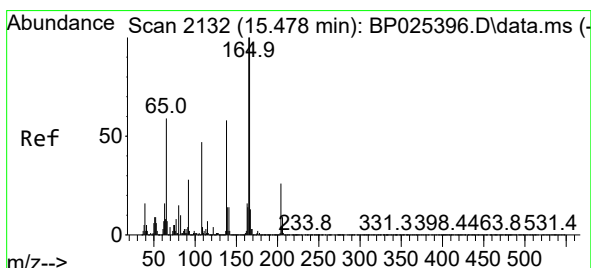
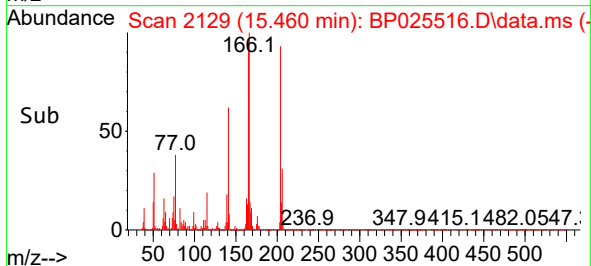
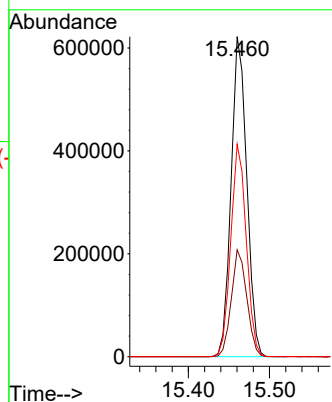
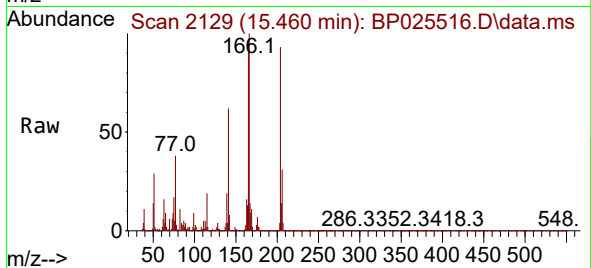




#61
4-Chlorophenyl-phenylether
Concen: 44.976 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

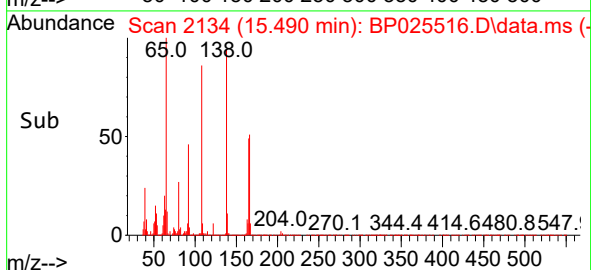
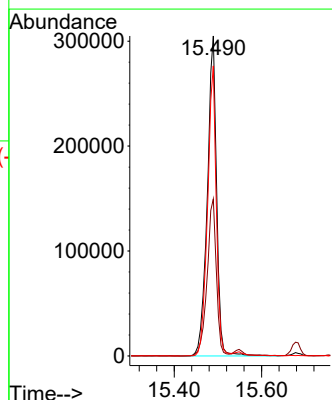
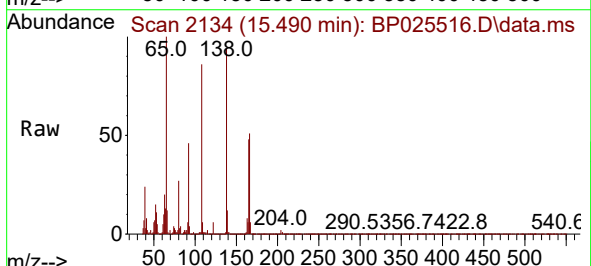
Instrument :
BNA_P
ClientSampleId :

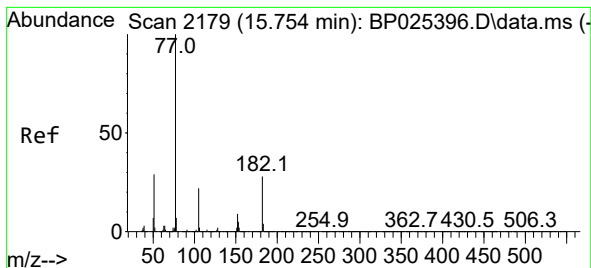
Tgt Ion:204 Resp: 831152
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 66.4 49.4 74.2



#62
4-Nitroaniline
Concen: 47.037 ng
RT: 15.490 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:138 Resp: 454185
Ion Ratio Lower Upper
138 100
92 49.1 29.1 69.1
108 90.7 61.5 101.5





#63

Azobenzene

Concen: 54.357 ng

RT: 15.760 min Scan# 2179

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 77 Resp: 1878426

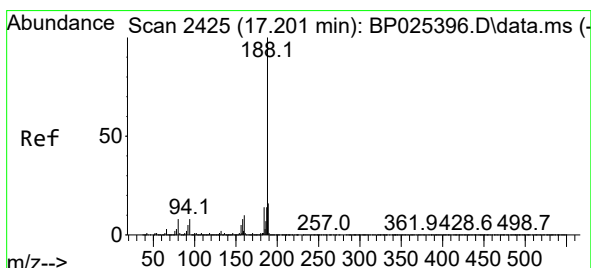
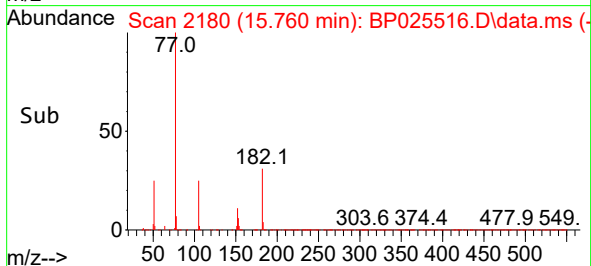
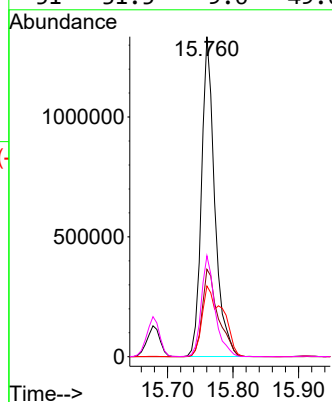
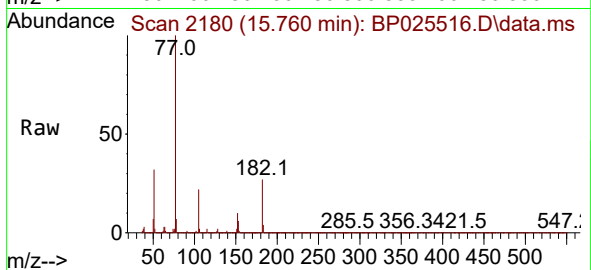
Ion Ratio Lower Upper

77 100

182 27.3 7.5 47.5

105 22.1 2.1 42.1

51 31.5 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

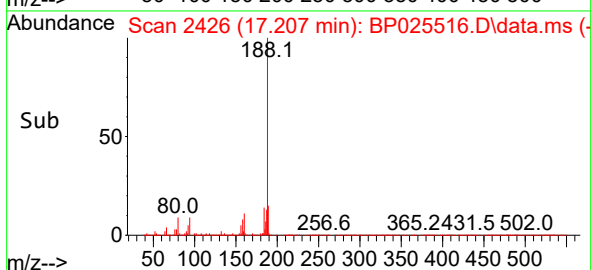
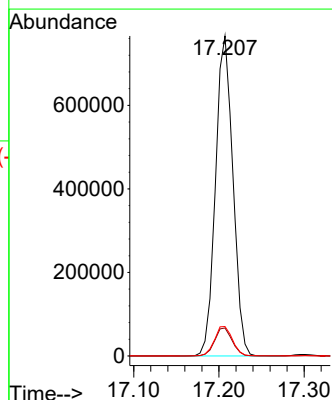
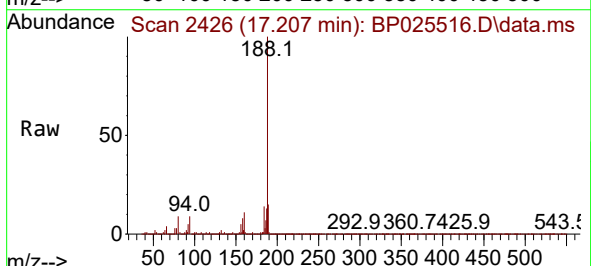
Tgt Ion:188 Resp: 1090849

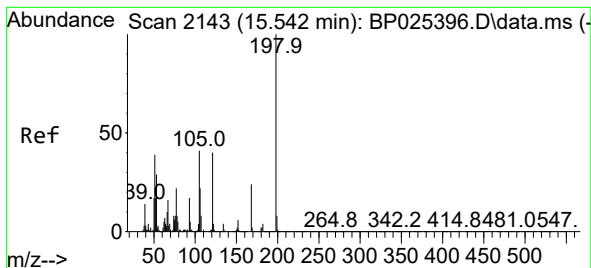
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.2 6.7 10.1

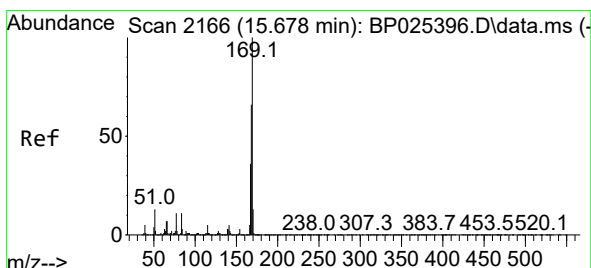
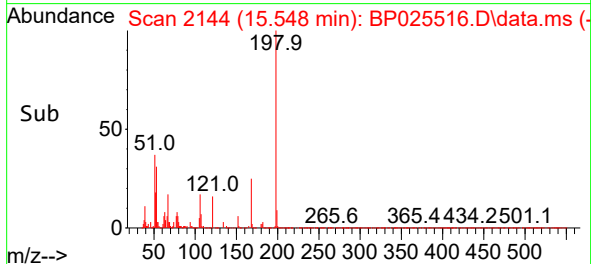
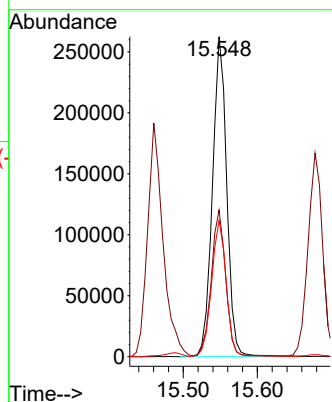
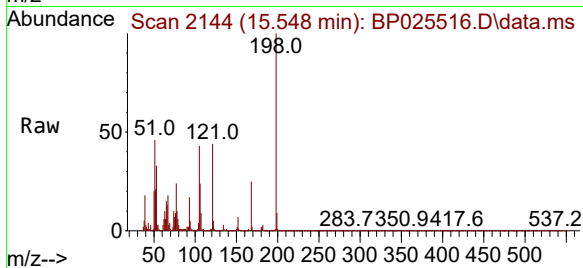




#65
4,6-Dinitro-2-methylphenol
Concen: 51.578 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

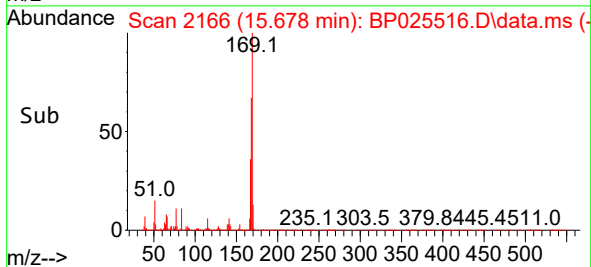
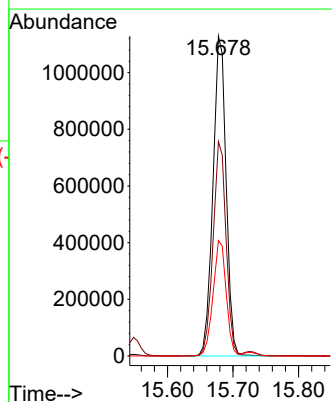
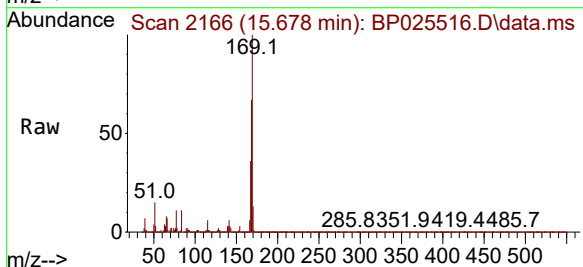
Instrument :
BNA_P
ClientSampleId :

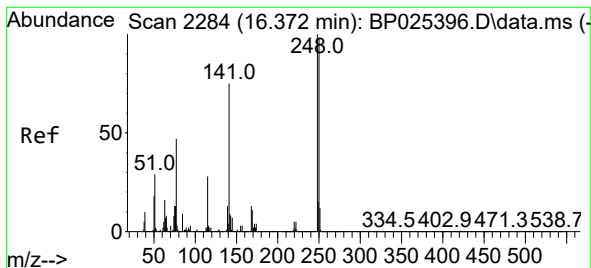
Tgt Ion:198 Resp: 350723
Ion Ratio Lower Upper
198 100
51 45.9 19.6 59.6
105 42.6 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 47.250 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:169 Resp: 1571731
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.1 28.7 43.1

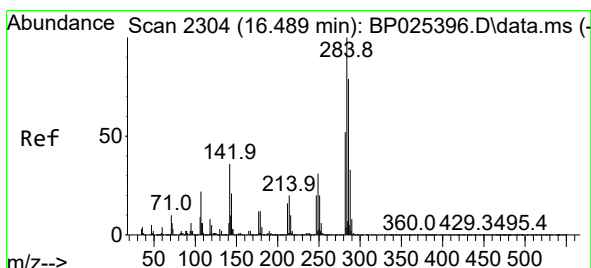
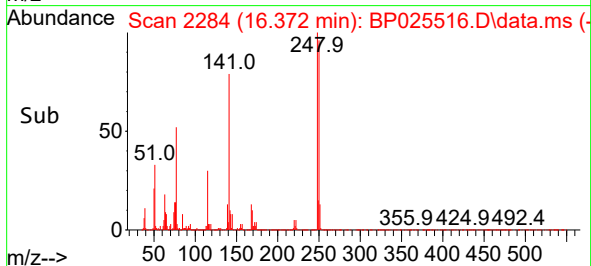
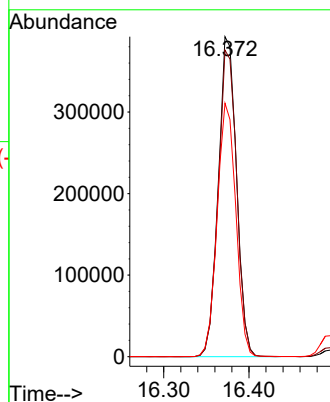
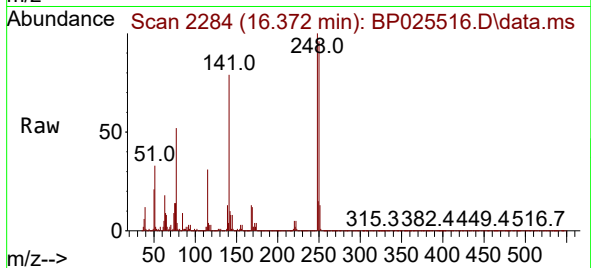




#67
4-Bromophenyl-phenylether
Concen: 48.762 ng
RT: 16.372 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

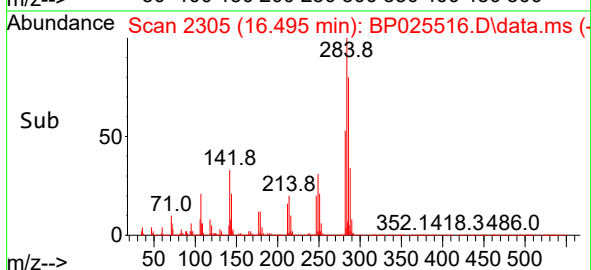
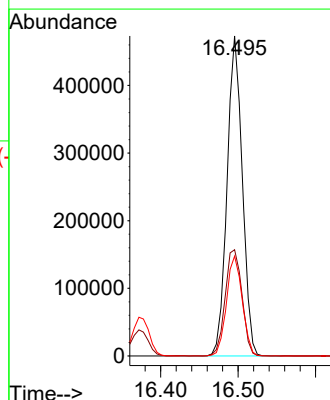
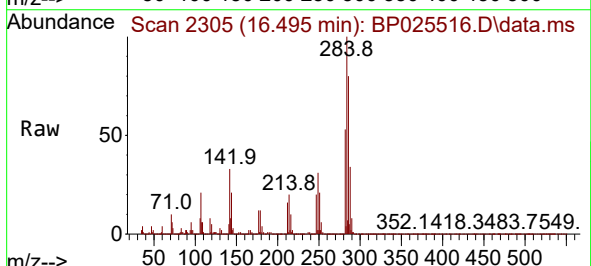
Instrument :
BNA_P
ClientSampleId :

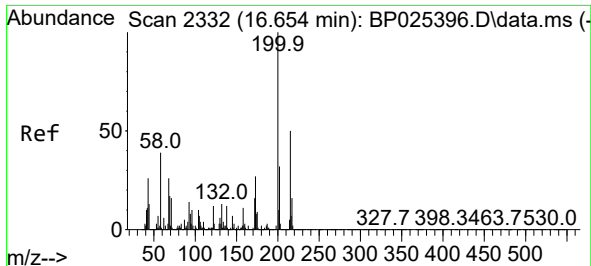
Tgt Ion:248 Resp: 585013
Ion Ratio Lower Upper
248 100
250 95.8 78.2 117.2
141 79.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 46.567 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:284 Resp: 647628
Ion Ratio Lower Upper
284 100
142 33.2 29.1 43.7
249 31.2 25.0 37.4

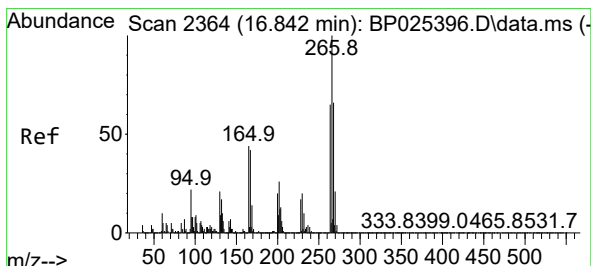
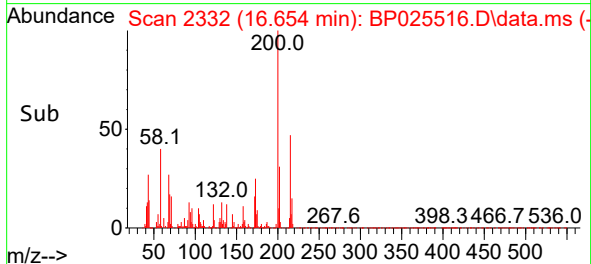
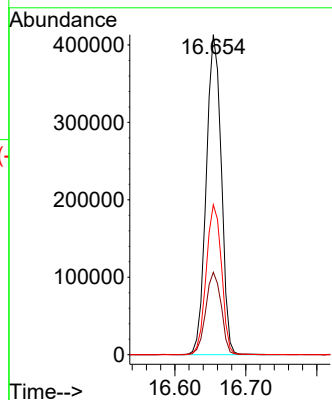
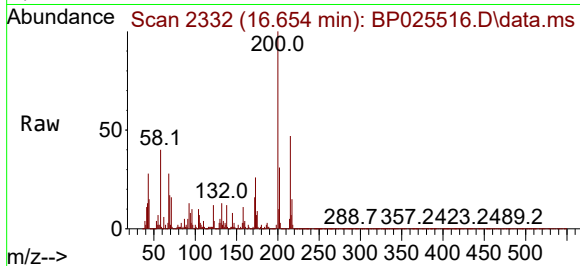




#69
Atrazine
Concen: 48.929 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

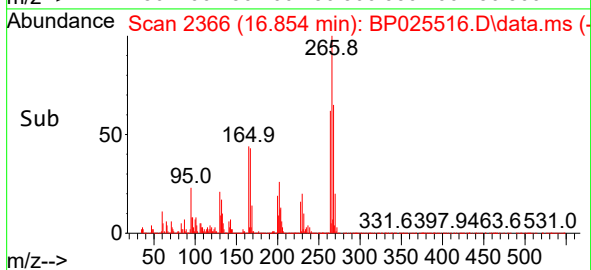
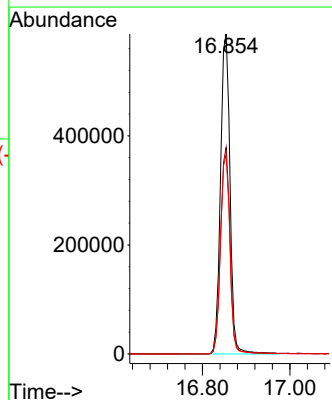
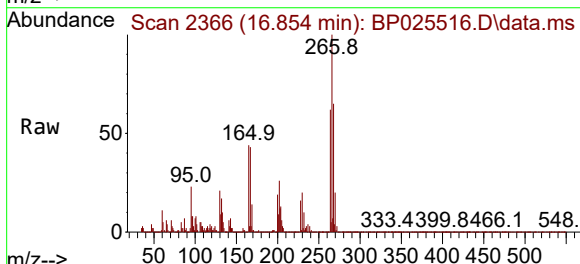
Instrument :
BNA_P
ClientSampleId :

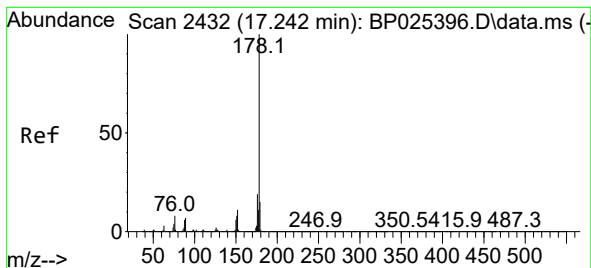
Tgt Ion:200 Resp: 609543
Ion Ratio Lower Upper
200 100
173 25.8 6.7 46.7
215 46.9 29.7 69.7



#70
Pentachlorophenol
Concen: 99.646 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:266 Resp: 874797
Ion Ratio Lower Upper
266 100
268 64.5 52.6 79.0
264 62.3 52.0 78.0





#71

Phenanthrene

Concen: 45.661 ng

RT: 17.248 min Scan# 2432

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

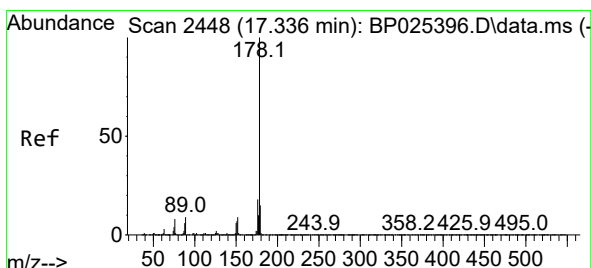
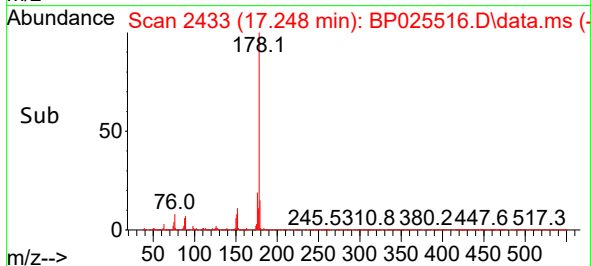
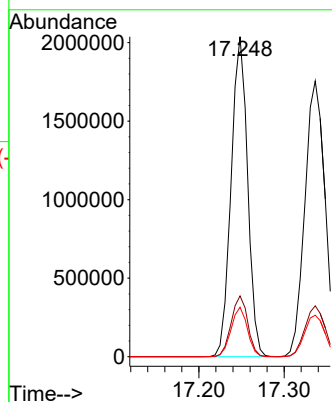
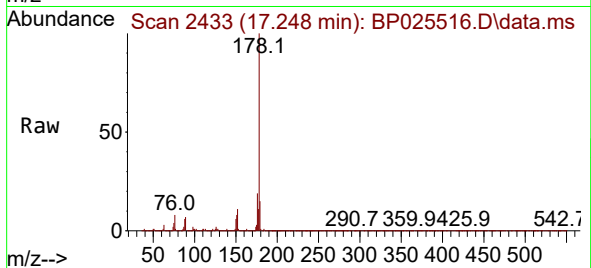
Tgt Ion:178 Resp: 2736199

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.4 12.2 18.4



#72

Anthracene

Concen: 47.028 ng

RT: 17.337 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

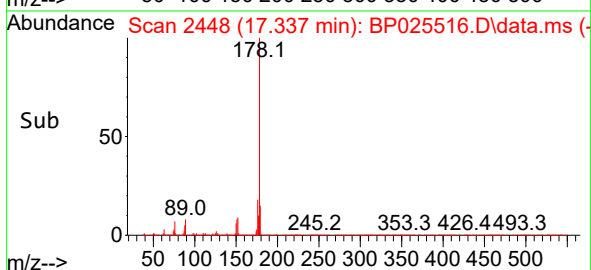
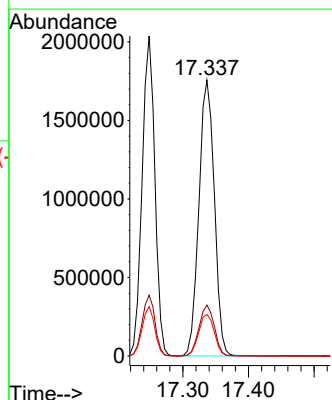
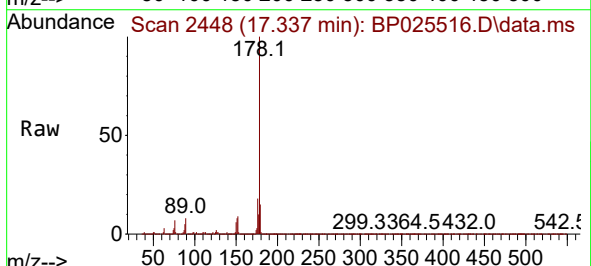
Tgt Ion:178 Resp: 2877852

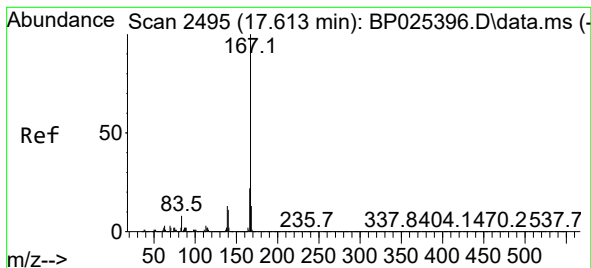
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.0 12.2 18.2





#73

Carbazole

Concen: 45.874 ng

RT: 17.619 min Scan# 2495

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

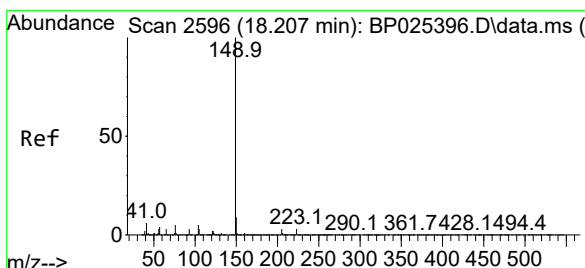
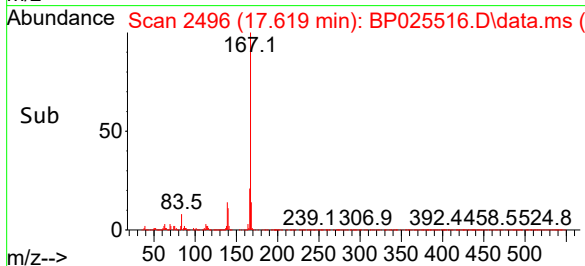
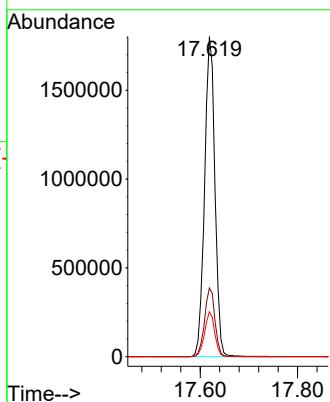
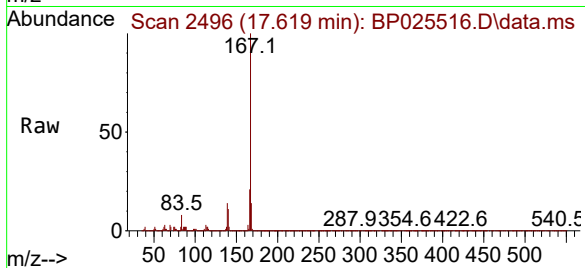
Tgt Ion:167 Resp: 2644146

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.618 ng

RT: 18.213 min Scan# 2597

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

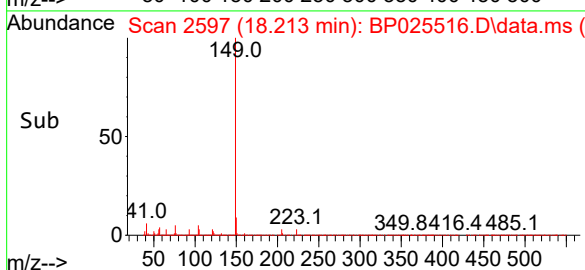
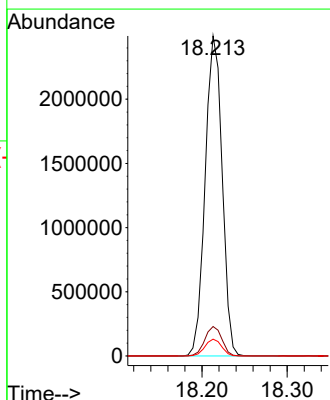
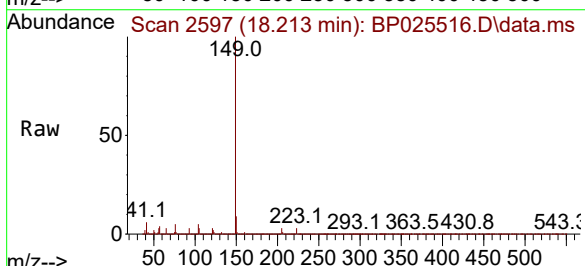
Tgt Ion:149 Resp: 3447802

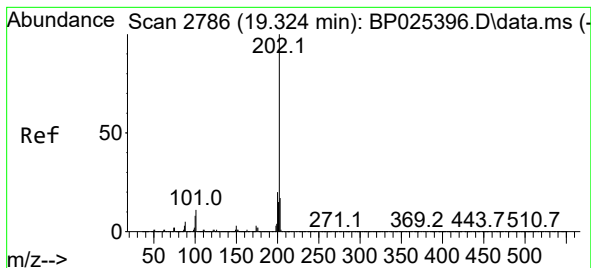
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 43.953 ng

RT: 19.331 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

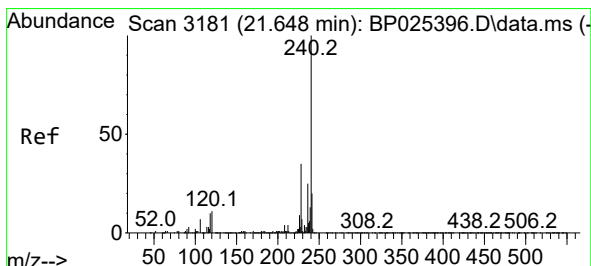
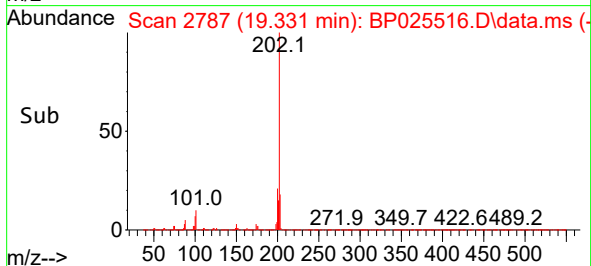
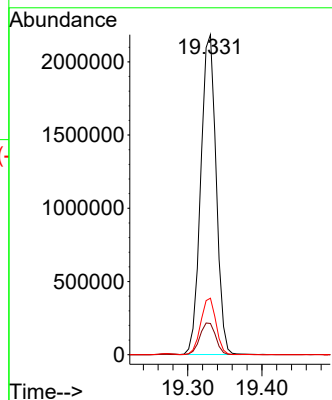
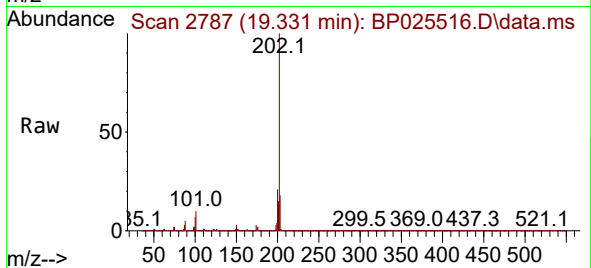
Tgt Ion:202 Resp: 3141701

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.1

203 17.6 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: BP025516.D

Acq: 20 Aug 2025 21:11

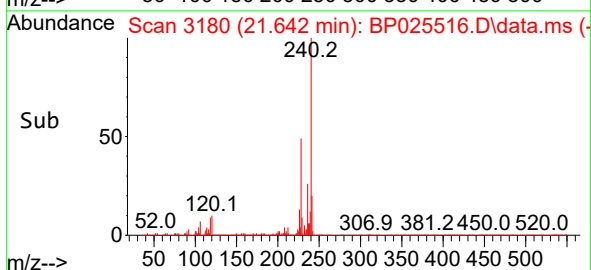
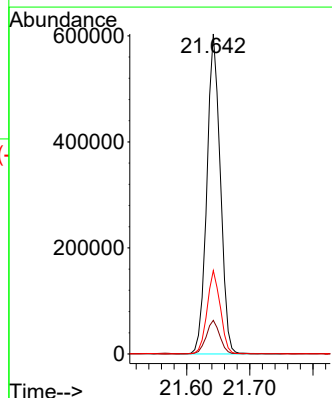
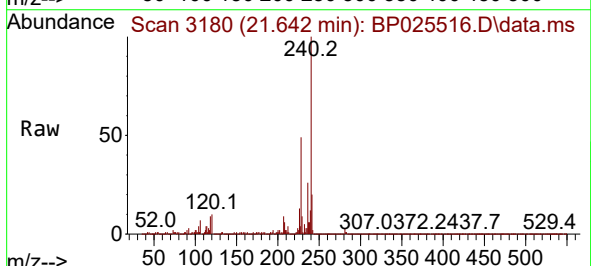
Tgt Ion:240 Resp: 892873

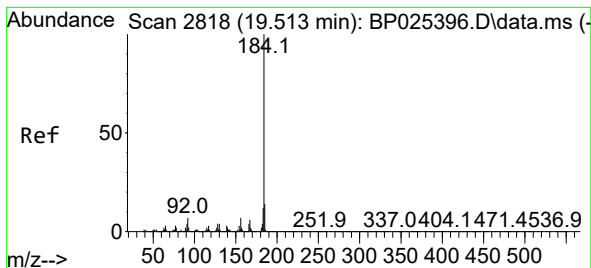
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 26.1 19.8 29.8





#77

Benzidine

Concen: 43.542 ng

RT: 19.519 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

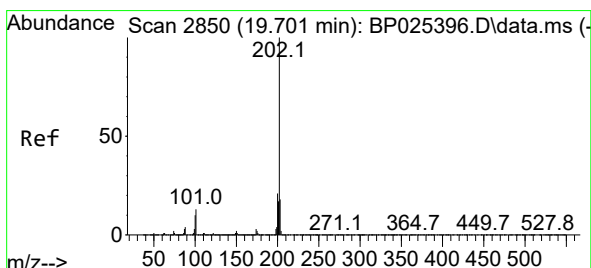
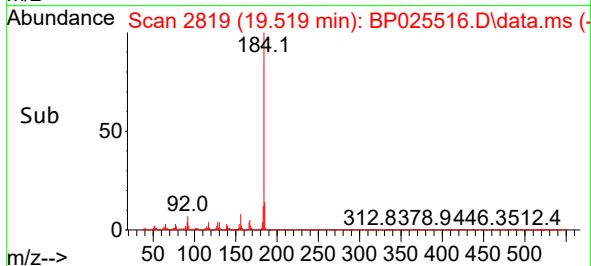
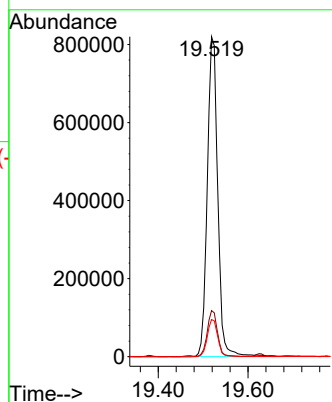
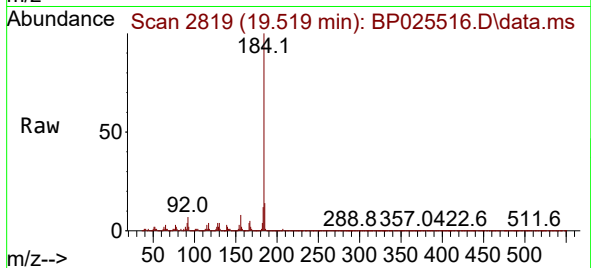
Tgt Ion:184 Resp: 1326808

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.6 9.4 14.2



#78

Pyrene

Concen: 55.290 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

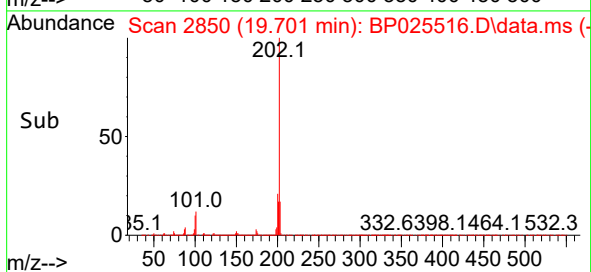
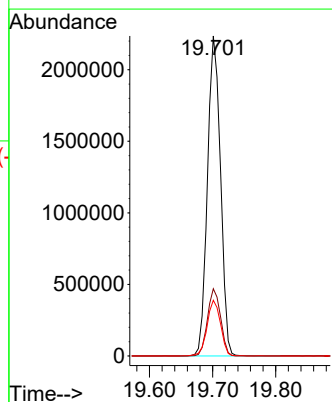
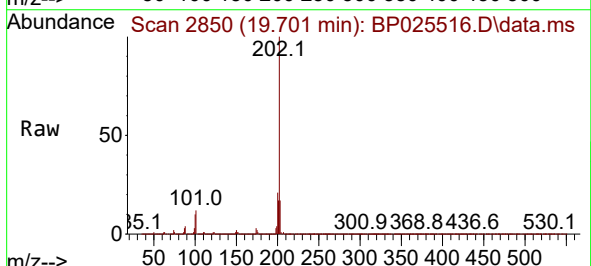
Tgt Ion:202 Resp: 3208701

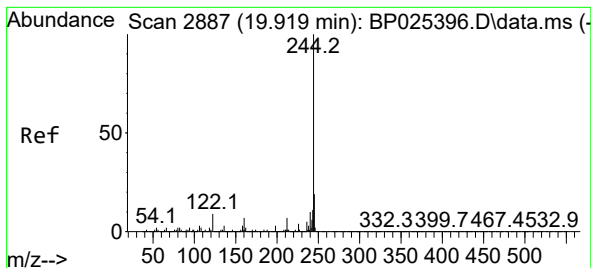
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 70.370 ng

RT: 19.925 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

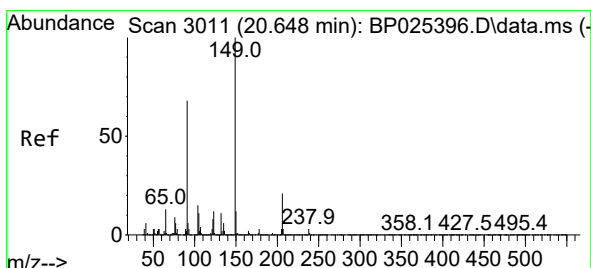
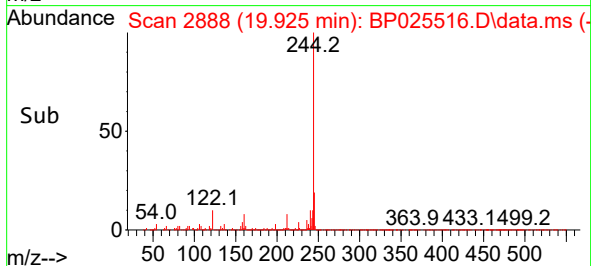
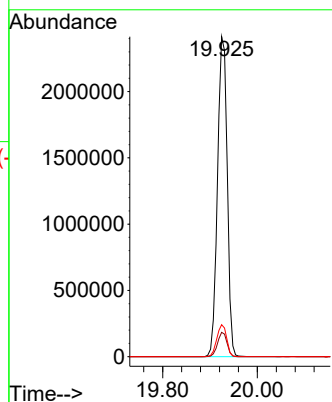
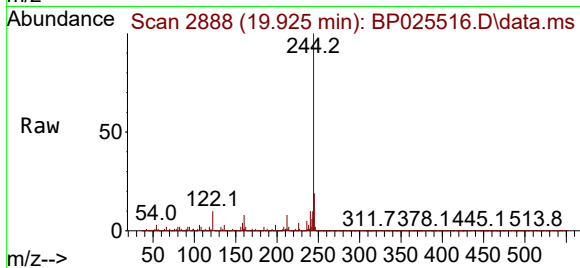
Tgt Ion:244 Resp: 3434227

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 10.0 7.4 11.2



#80

Butylbenzylphthalate

Concen: 53.266 ng

RT: 20.654 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

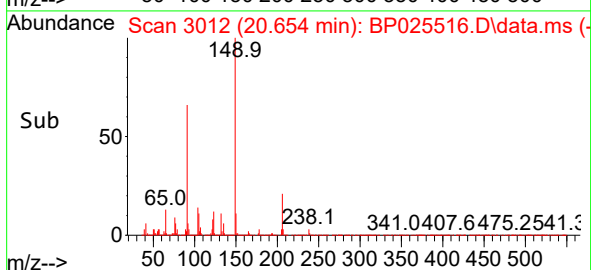
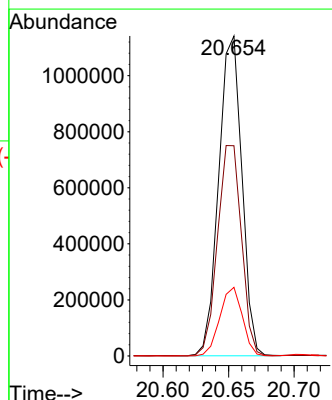
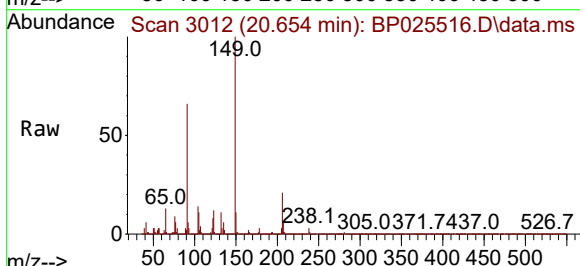
Tgt Ion:149 Resp: 1400983

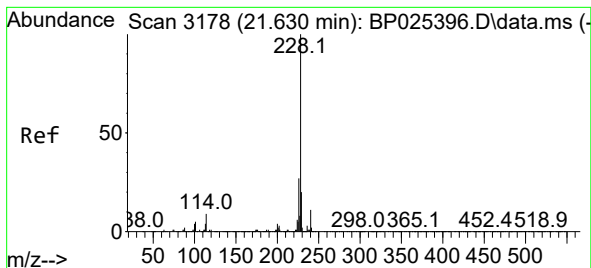
Ion Ratio Lower Upper

149 100

91 65.7 54.2 81.2

206 21.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 47.640 ng

RT: 21.625 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

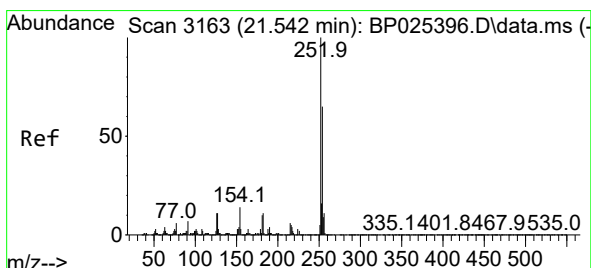
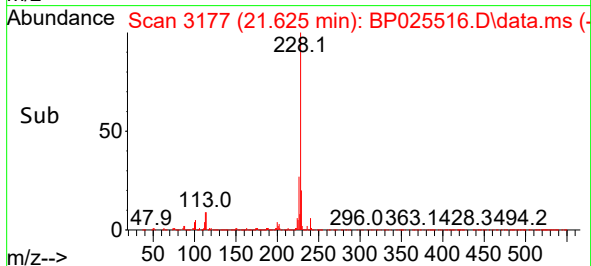
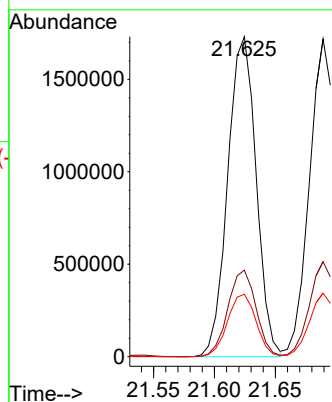
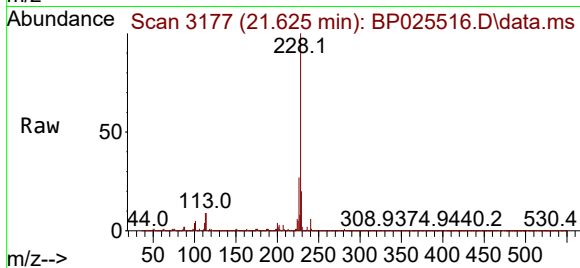
Tgt Ion:228 Resp: 2805279

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 33.021 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

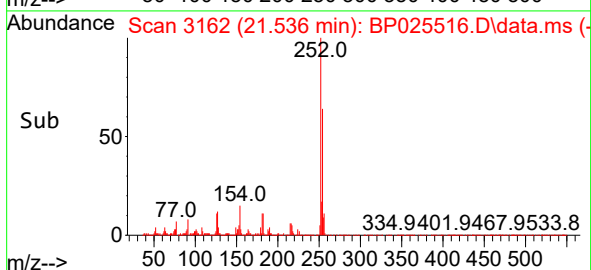
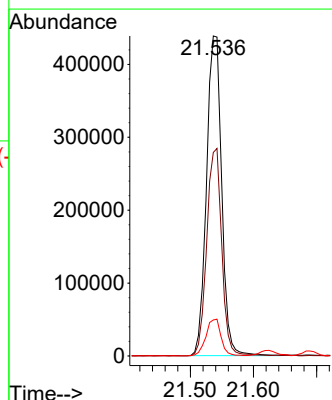
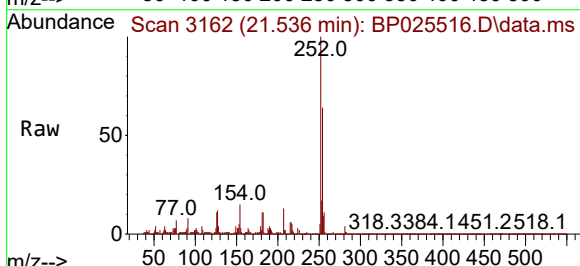
Tgt Ion:252 Resp: 732910

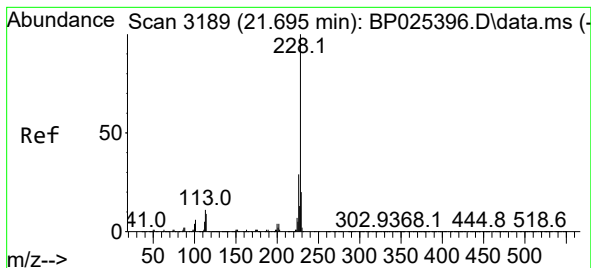
Ion Ratio Lower Upper

252 100

254 63.6 51.8 77.6

126 11.2 9.1 13.7





#83

Chrysene

Concen: 47.543 ng

RT: 21.689 min Scan# 3188

Delta R.T. -0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

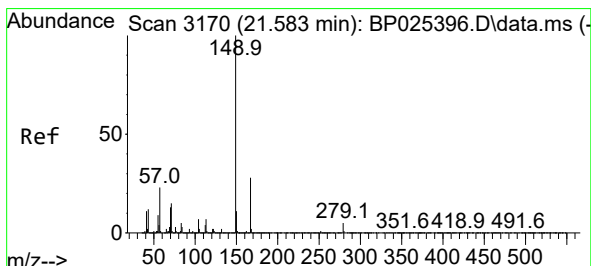
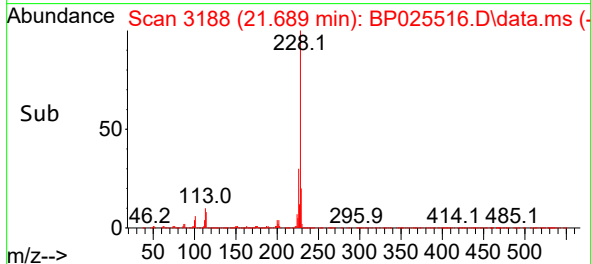
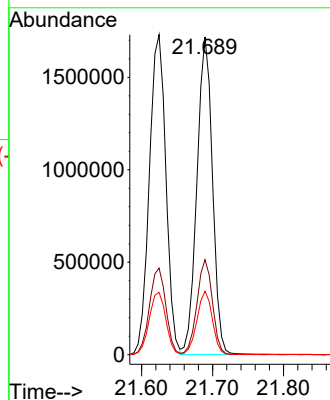
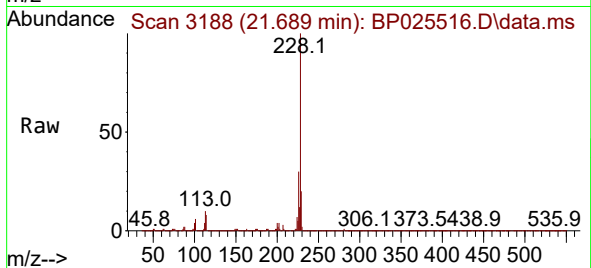
Tgt Ion:228 Resp: 2621789

Ion Ratio Lower Upper

228 100

226 29.9 23.2 34.8

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.987 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.017 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

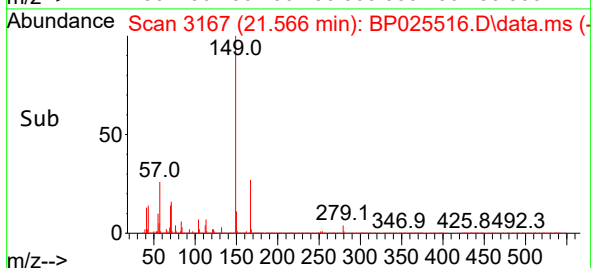
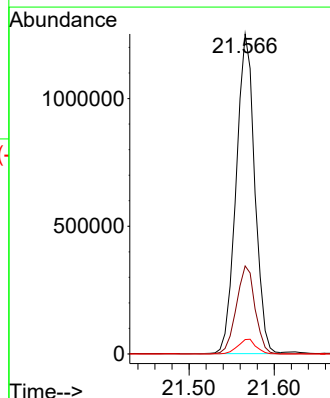
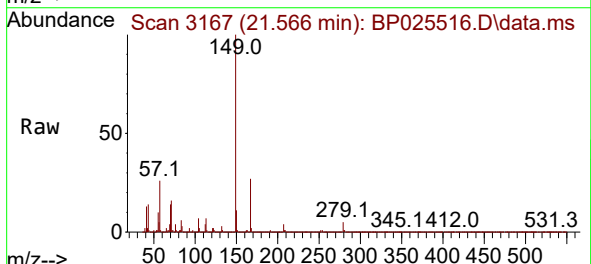
Tgt Ion:149 Resp: 1896634

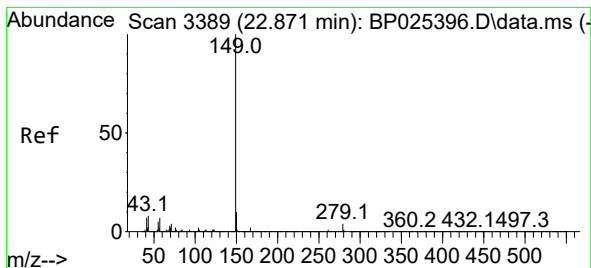
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 47.102 ng

RT: 22.854 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

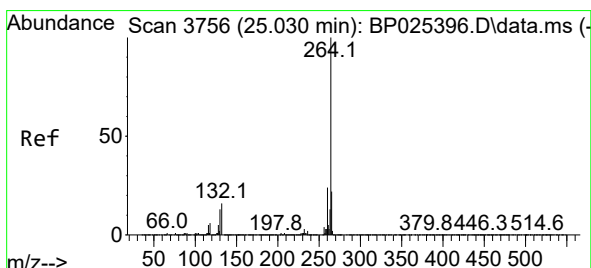
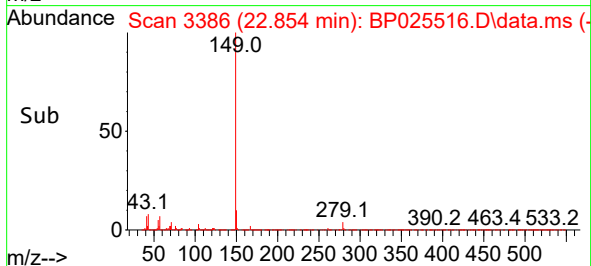
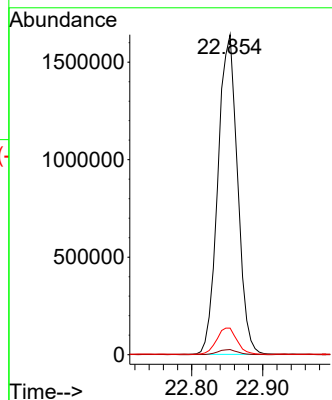
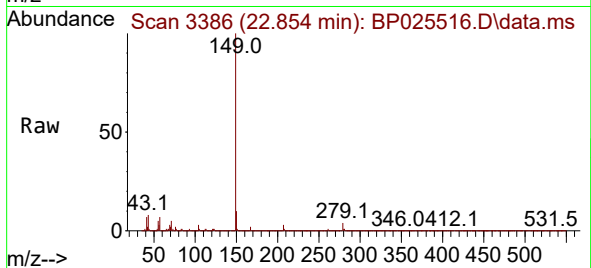
Tgt Ion:149 Resp: 3136775

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 3755

Delta R.T. -0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

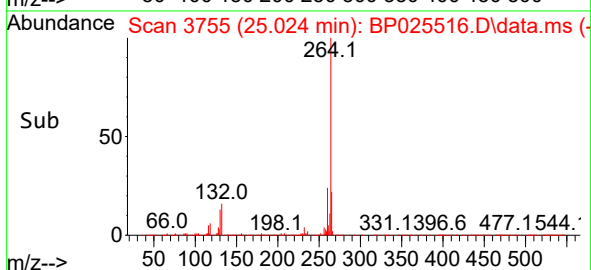
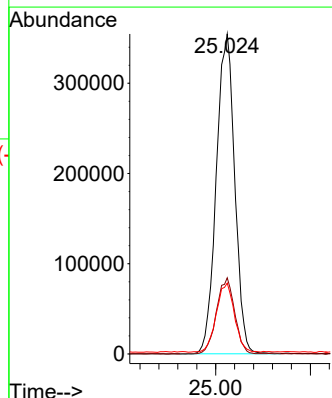
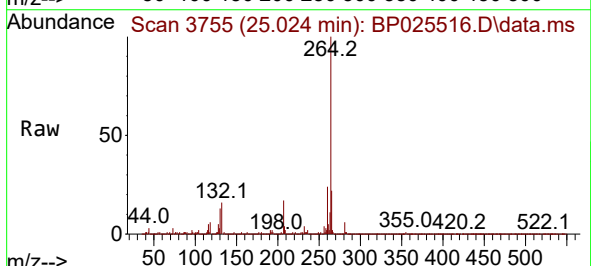
Tgt Ion:264 Resp: 958463

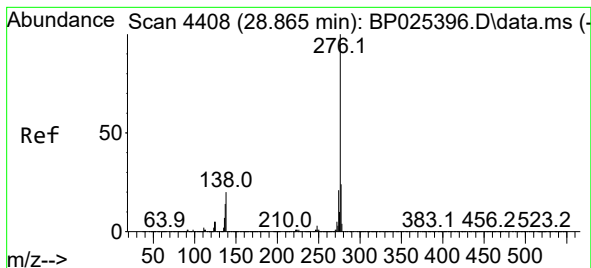
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.205 ng

RT: 28.854 min Scan# 4408

Delta R.T. -0.012 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

Instrument :

BNA_P

ClientSampleId :

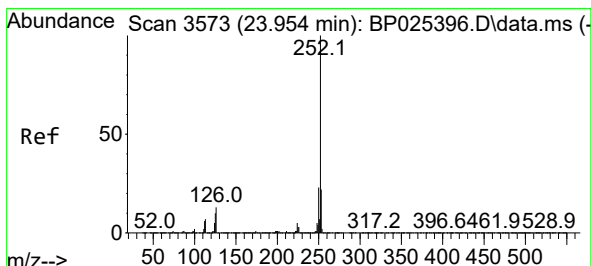
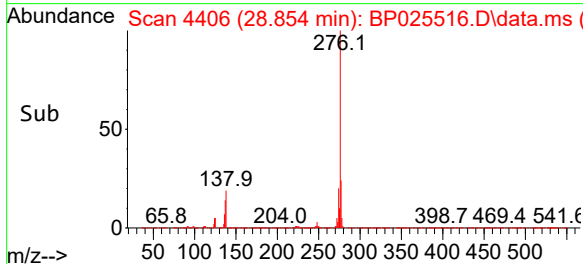
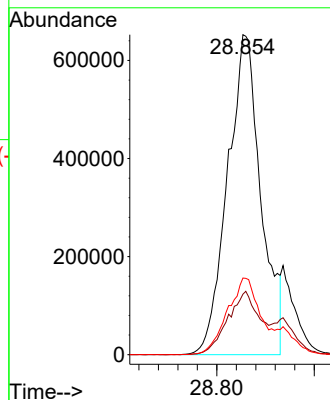
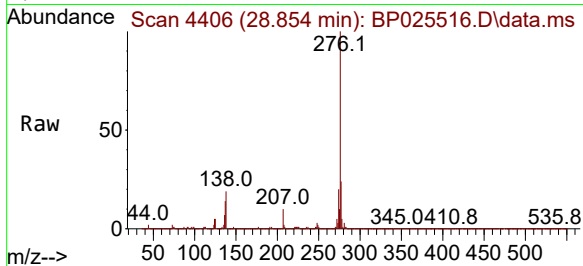
Tgt Ion:276 Resp: 3107131

Ion Ratio Lower Upper

276 100

138 18.8 12.9 19.3

277 23.6 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 48.561 ng

RT: 23.960 min Scan# 3574

Delta R.T. 0.006 min

Lab File: BP025516.D

Acq: 20 Aug 2025 21:11

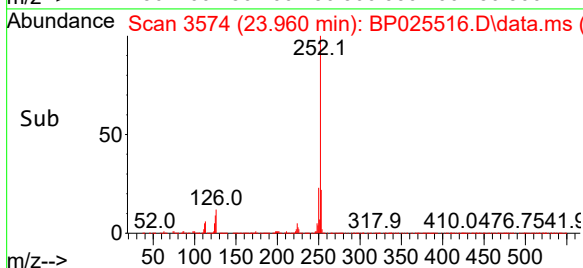
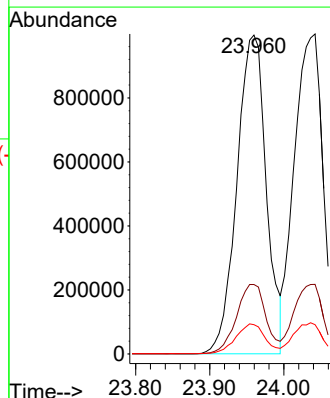
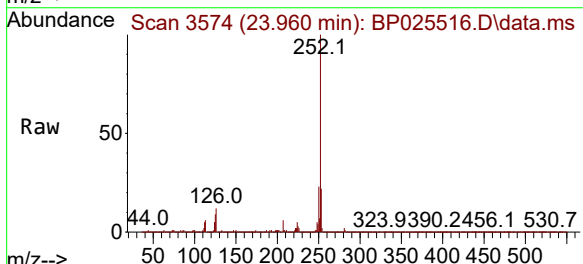
Tgt Ion:252 Resp: 2744537

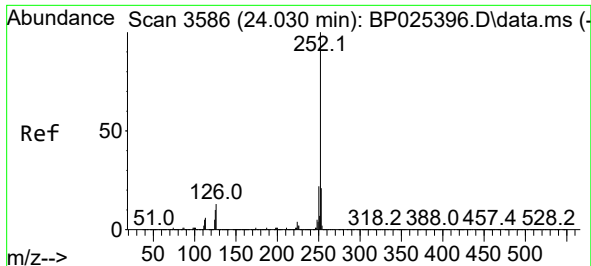
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.2 7.9 11.9

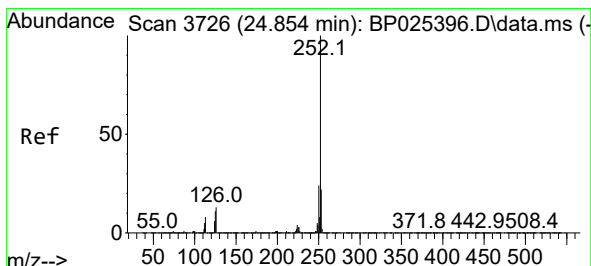
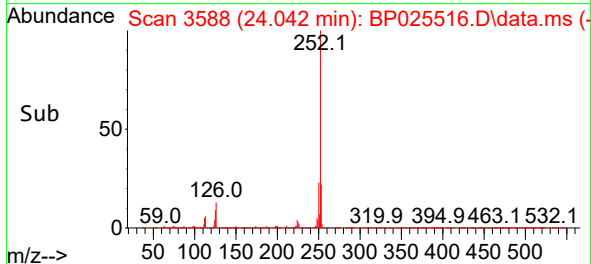
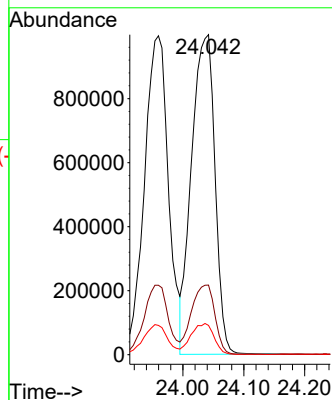
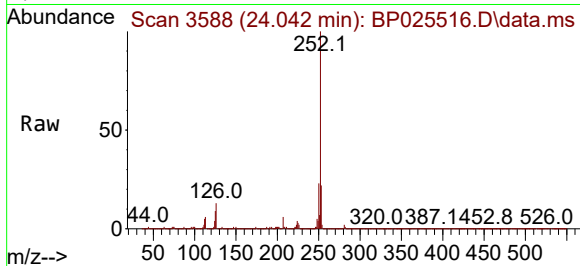




#89
Benzo(k)fluoranthene
Concen: 47.128 ng
RT: 24.042 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

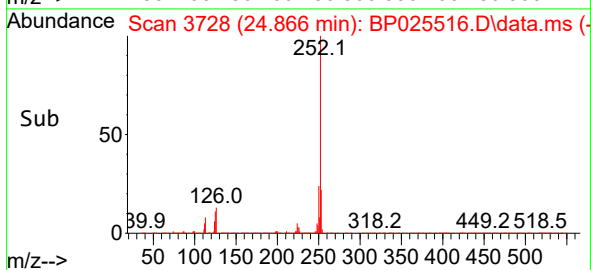
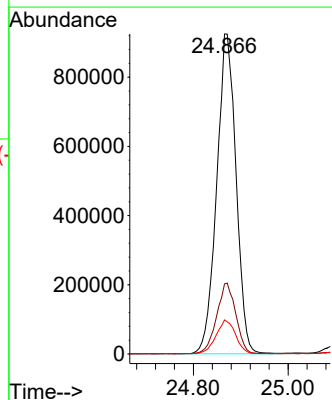
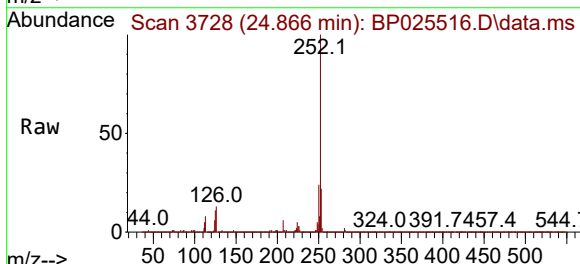
Instrument :
BNA_P
ClientSampleId :

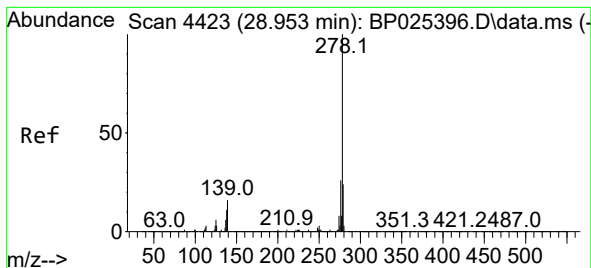
Tgt Ion:252 Resp: 2665398
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.1 7.8 11.6



#90
Benzo(a)pyrene
Concen: 47.615 ng
RT: 24.866 min Scan# 3728
Delta R.T. 0.012 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

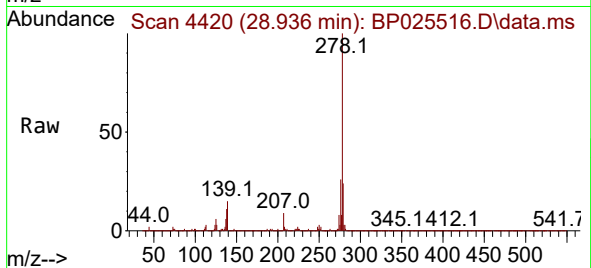
Tgt Ion:252 Resp: 2619564
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.7 8.7 13.1



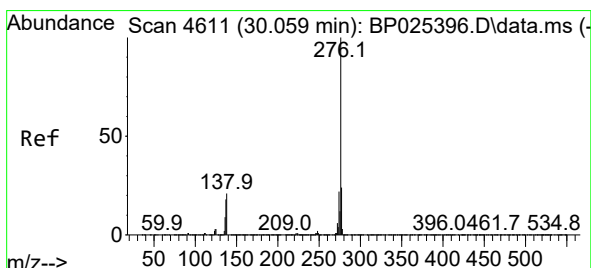
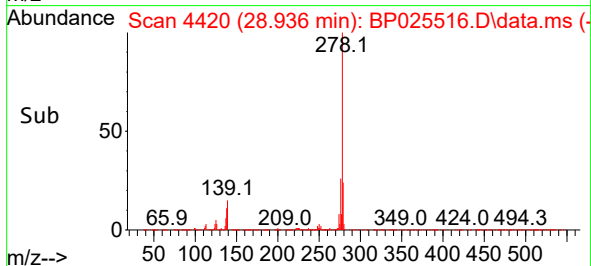
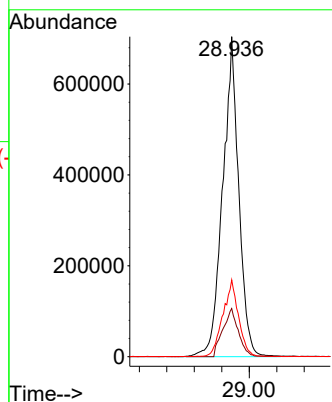


#91
Dibenzo(a,h)anthracene
Concen: 49.664 ng
RT: 28.936 min Scan# 4423
Delta R.T. -0.017 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:278 Resp: 2852762
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 24.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 49.963 ng
RT: 30.048 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025516.D
Acq: 20 Aug 2025 21:11

Tgt Ion:276 Resp: 2821095
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 19.1 16.7 25.1

