

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025628.D
 Acq On : 29 Aug 2025 16:44
 Operator : CG/JU
 Sample : Q2986-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NORTH-TP-3MSD

Quant Time: Aug 29 17:07:32 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	7.772	152	178693	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	701495	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	441815	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	905816	20.000	ng	0.00
76) Chrysene-d12	21.642	240	984910	20.000	ng	0.00
86) Perylene-d12	25.024	264	1128431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1019234	94.723	ng	-0.01
7) Phenol-d6	6.966	99	1281456	92.890	ng	0.00
23) Nitrobenzene-d5	8.913	82	820597	59.174	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	601347	101.120	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	1718671	53.164	ng	-0.02
79) Terphenyl-d14	19.919	244	2903999	53.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	166380	39.476	ng	99
3) Pyridine	3.714	79	463779	40.203	ng	96
4) n-Nitrosodimethylamine	3.619	42	232006	48.782	ng	96
6) Aniline	7.107	93	515441	27.731	ng	98
8) 2-Chlorophenol	7.355	128	569254	46.882	ng	98
9) Benzaldehyde	6.925	77	238727	24.700	ng	98
10) Phenol	6.990	94	681160	47.056	ng	96
11) bis(2-Chloroethyl)ether	7.202	93	511639	45.347	ng	98
12) 1,3-Dichlorobenzene	7.666	146	603832	45.099	ng	99
13) 1,4-Dichlorobenzene	7.807	146	617519	45.124	ng	99
14) 1,2-Dichlorobenzene	8.125	146	589496	44.500	ng	98
15) Benzyl Alcohol	8.013	79	492260	44.909	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.290	45	702806	46.499	ng	98
17) 2-Methylphenol	8.219	107	466247	46.376	ng	99
18) Hexachloroethane	8.843	117	231082	45.926	ng	98
19) n-Nitroso-di-n-propyla...	8.566	70	391984	42.897	ng	97
20) 3+4-Methylphenols	8.543	107	625396	44.877	ng	97
22) Acetophenone	8.584	105	820219	46.624	ng	# 98
24) Nitrobenzene	8.954	77	587897	47.436	ng	99
25) Isophorone	9.484	82	1114909	45.429	ng	98
26) 2-Nitrophenol	9.660	139	304635	47.895	ng	98
27) 2,4-Dimethylphenol	9.731	122	525806	48.071	ng	99
28) bis(2-Chloroethoxy)met...	9.954	93	676167	45.579	ng	96
29) 2,4-Dichlorophenol	10.201	162	519593	47.819	ng	96
30) 1,2,4-Trichlorobenzene	10.407	180	549055	46.095	ng	98
31) Naphthalene	10.590	128	1674225	45.919	ng	99
32) Benzoic acid	9.890	122	408689	50.609	ng	97
33) 4-Chloroaniline	10.696	127	269591	16.739	ng	99
34) Hexachlorobutadiene	10.878	225	346648	46.730	ng	98
35) Caprolactam	11.490	113	187604	47.086	ng	98
36) 4-Chloro-3-methylphenol	11.831	107	600222	48.140	ng	94
37) 2-Methylnaphthalene	12.195	142	1068914	45.050	ng	98
38) 1-Methylnaphthalene	12.419	142	1119338	44.360	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	616641	48.326	ng	99
41) Hexachlorocyclopentadiene	12.548	237	670602	87.005	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	425640	49.410	ng	99

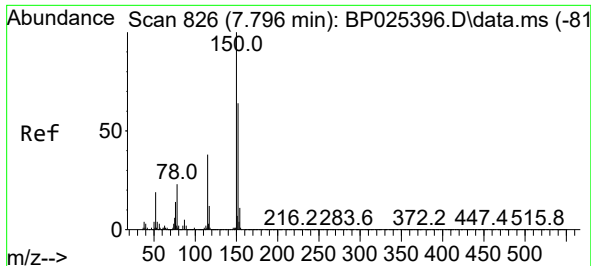
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	481571	51.007	ng	99
46) 1,1'-Biphenyl	13.207	154	1501139	46.783	ng	99
47) 2-Chloronaphthalene	13.254	162	1191834	47.712	ng	98
48) 2-Nitroaniline	13.454	65	375321	51.566	ng	97
49) Acenaphthylene	14.101	152	1971006	47.685	ng	100
50) Dimethylphthalate	13.837	163	1554303	48.041	ng	100
51) 2,6-Dinitrotoluene	13.954	165	342308	50.198	ng	92
52) Acenaphthene	14.448	154	1110411	45.767	ng	98
53) 3-Nitroaniline	14.289	138	210699	27.462	ng	94
54) 2,4-Dinitrophenol	14.507	184	397220	109.077	ng	99
55) Dibenzofuran	14.789	168	1790490	46.677	ng	99
56) 4-Nitrophenol	14.631	139	615679	97.656	ng	94
57) 2,4-Dinitrotoluene	14.760	165	501238	51.518	ng	98
58) Fluorene	15.448	166	1420215	46.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	425769	51.073	ng	100
60) Diethylphthalate	15.225	149	1634895	49.731	ng	100
61) 4-Chlorophenyl-phenylether	15.442	204	706898	46.960	ng	100
62) 4-Nitroaniline	15.472	138	371919	47.286	ng	99
63) Azobenzene	15.748	77	1576230	55.995	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	291106	51.556	ng	92
66) n-Nitrosodiphenylamine	15.672	169	1310691	47.451	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	486199	48.804	ng	99
68) Hexachlorobenzene	16.483	284	553118	47.896	ng	95
69) Atrazine	16.648	200	518404	50.114	ng	99
70) Pentachlorophenol	16.842	266	755363	103.617	ng	99
71) Phenanthrene	17.242	178	2342945	47.085	ng	99
72) Anthracene	17.330	178	2416099	47.547	ng	100
73) Carbazole	17.613	167	2311087	48.286	ng	99
74) Di-n-butylphthalate	18.195	149	2958267	50.236	ng	100
75) Fluoranthene	19.319	202	2861546	48.211	ng	99
77) Benzidine	19.524	184	1448430	43.091	ng	99
78) Pyrene	19.701	202	2941134	45.944	ng	99
80) Butylbenzylphthalate	20.648	149	1468634	50.620	ng	100
81) Benzo(a)anthracene	21.624	228	3085545	47.503	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	657026	26.836	ng	99
83) Chrysene	21.695	228	2868461	47.155	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	2120632	49.654	ng	99
85) Di-n-octyl phthalate	22.848	149	3784892	51.523	ng	99
87) Indeno(1,2,3-cd)pyrene	28.877	276	3941119	47.624	ng	94
88) Benzo(b)fluoranthene	23.942	252	3191797	47.968	ng	99
89) Benzo(k)fluoranthene	24.018	252	3178238	47.732	ng	99
90) Benzo(a)pyrene	24.859	252	3078183	47.523	ng	99
91) Dibenzo(a,h)anthracene	28.953	278	3242138	47.941	ng	97
92) Benzo(g,h,i)perylene	30.071	276	3160040	47.536	ng	99

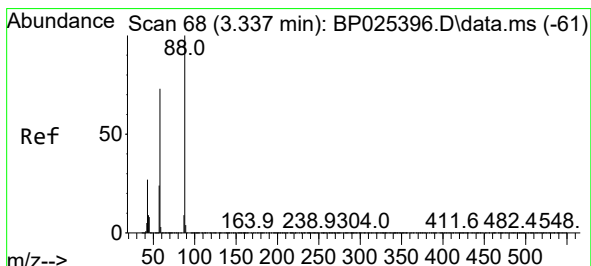
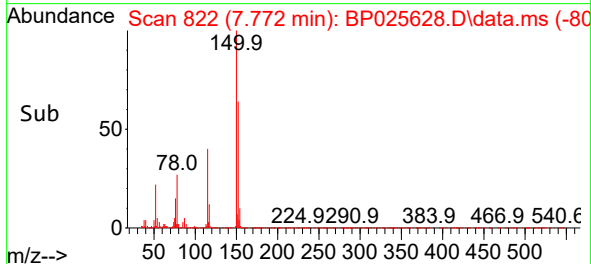
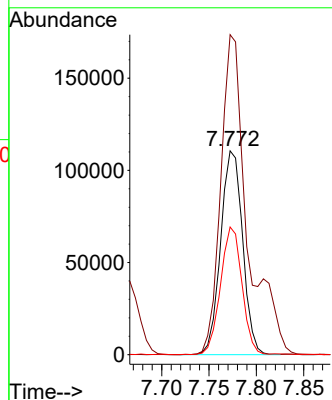
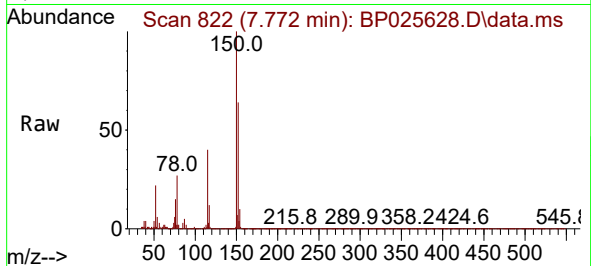
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025628.D
 Acq: 29 Aug 2025 16:44

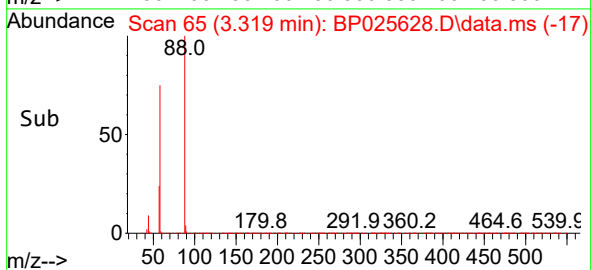
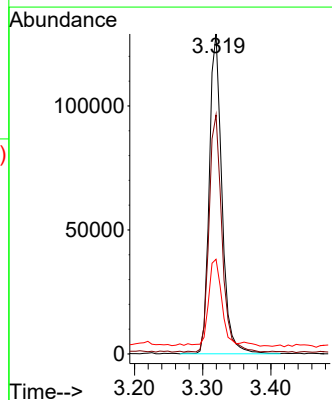
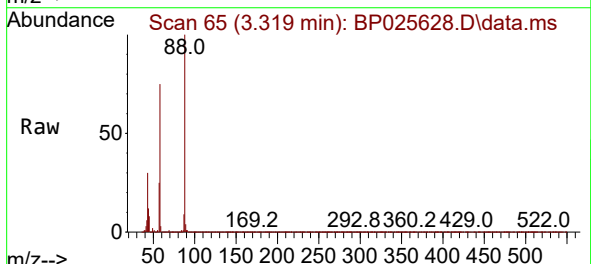
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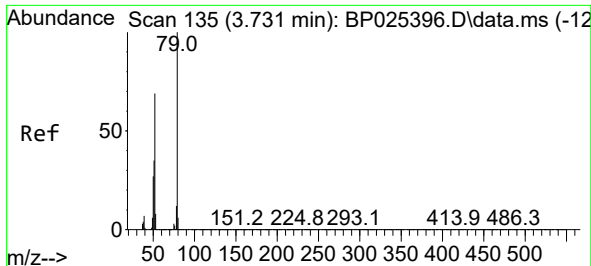
Tgt Ion:152 Resp: 178693
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.9 188.9
 115 62.6 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.476 ng
 RT: 3.319 min Scan# 65
 Delta R.T. -0.018 min
 Lab File: BP025628.D
 Acq: 29 Aug 2025 16:44

Tgt Ion: 88 Resp: 166380
 Ion Ratio Lower Upper
 88 100
 58 75.3 59.2 88.8
 43 26.8 21.7 32.5





#3

Pyridine

Concen: 40.203 ng

RT: 3.714 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

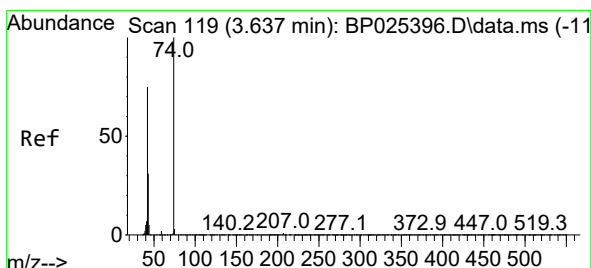
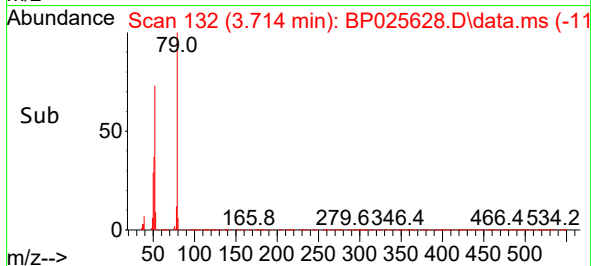
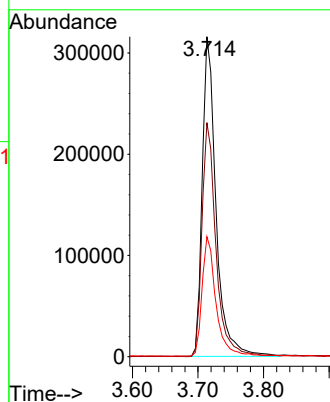
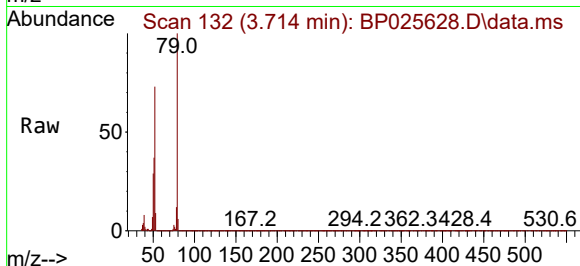
Tgt Ion: 79 Resp: 463779

Ion Ratio Lower Upper

79 100

52 73.2 55.5 83.3

51 37.5 28.3 42.5



#4

n-Nitrosodimethylamine

Concen: 48.782 ng

RT: 3.619 min Scan# 116

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

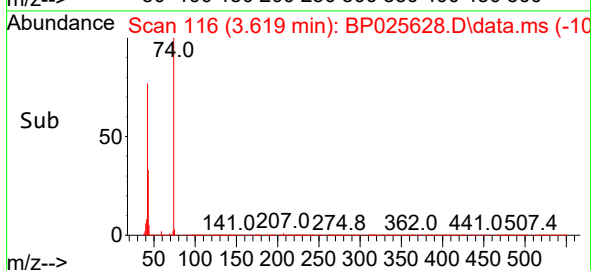
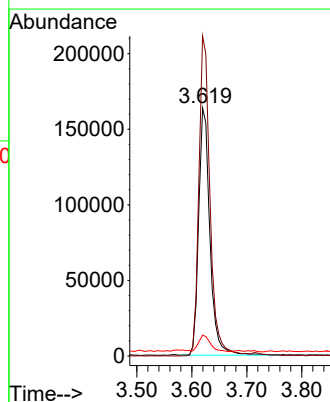
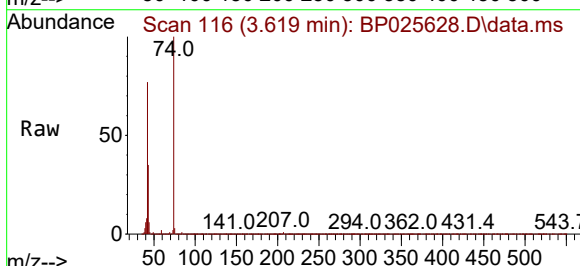
Tgt Ion: 42 Resp: 232006

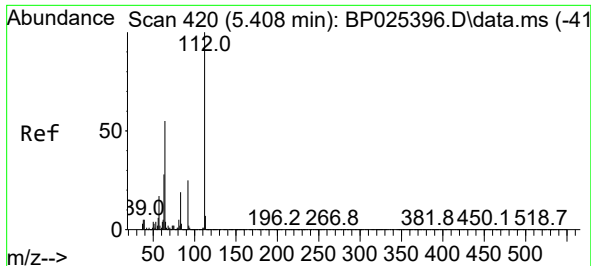
Ion Ratio Lower Upper

42 100

74 129.1 107.0 160.4

44 8.4 6.2 9.4

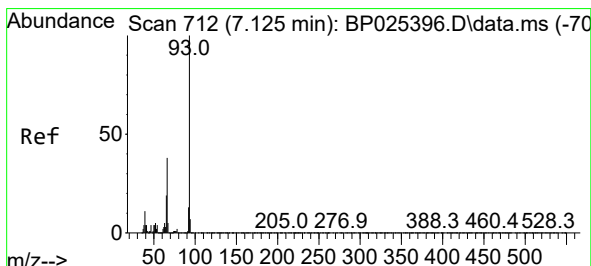
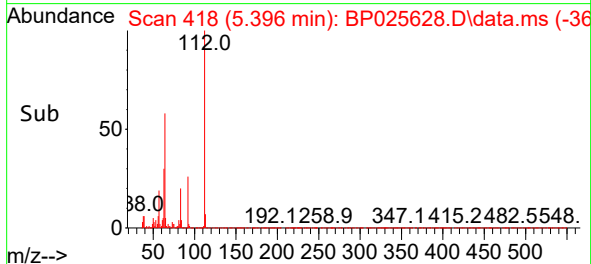
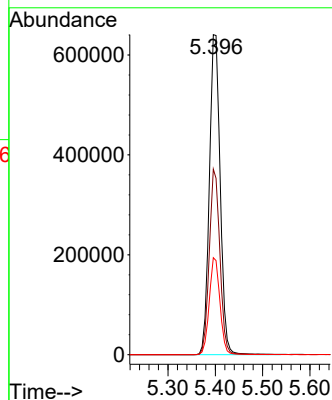
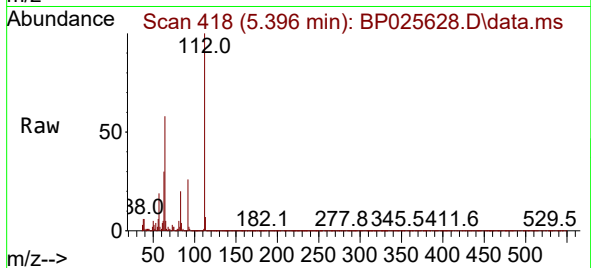




#5
2-Fluorophenol
Concen: 94.723 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

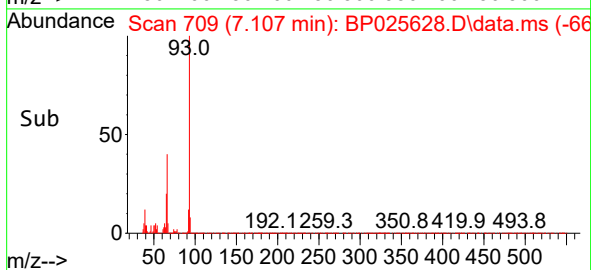
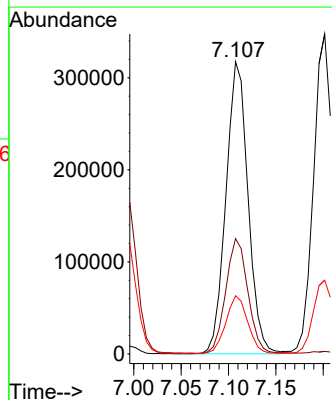
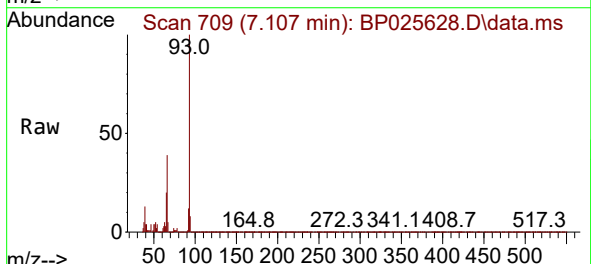
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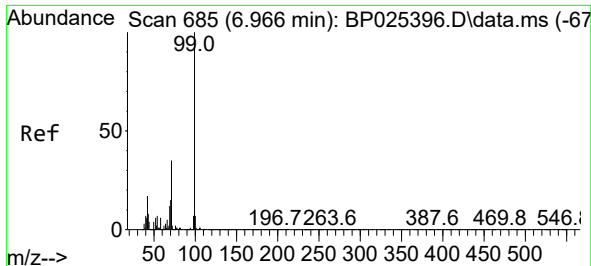
Tgt Ion:112 Resp: 1019234
Ion Ratio Lower Upper
112 100
64 58.0 43.8 65.8
63 30.3 22.7 34.1



#6
Aniline
Concen: 27.731 ng
RT: 7.107 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion: 93 Resp: 515441
Ion Ratio Lower Upper
93 100
66 39.5 30.4 45.6
65 20.0 15.3 22.9

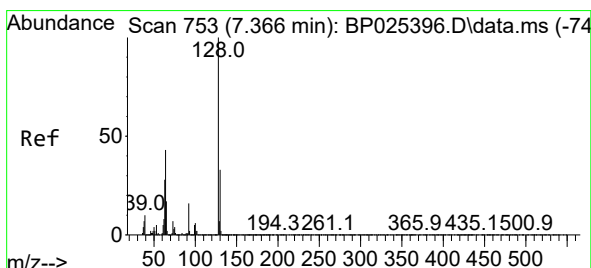
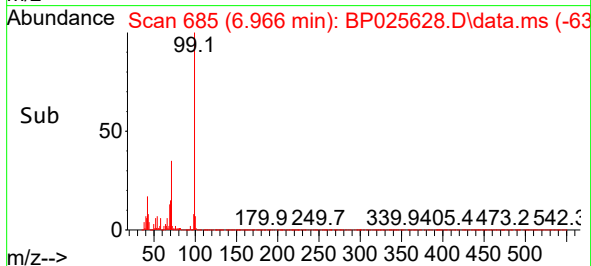
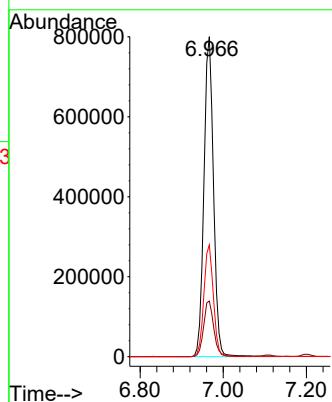
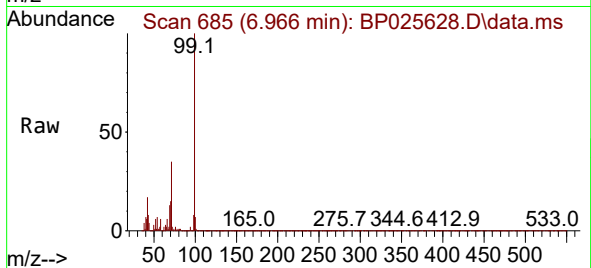




#7
Phenol-d6
Concen: 92.890 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

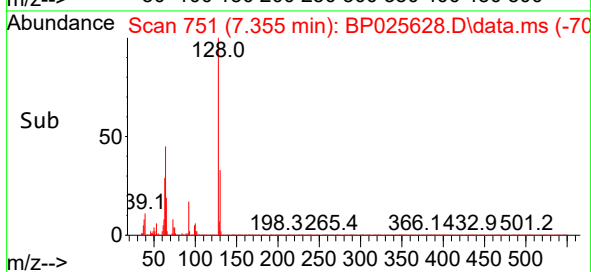
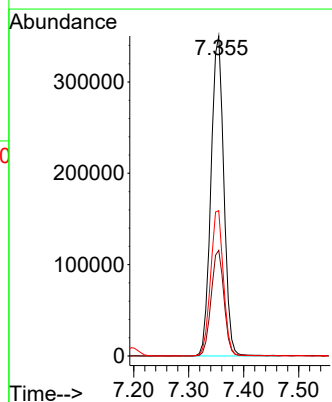
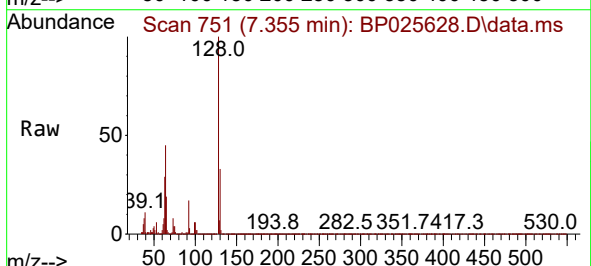
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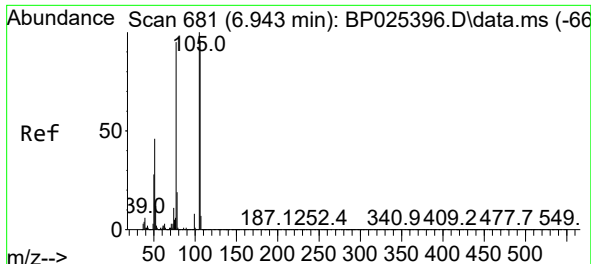
Tgt Ion: 99 Resp: 1281456
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 34.9 28.2 42.4



#8
2-Chlorophenol
Concen: 46.882 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion: 128 Resp: 569254
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 45.4 23.4 63.4

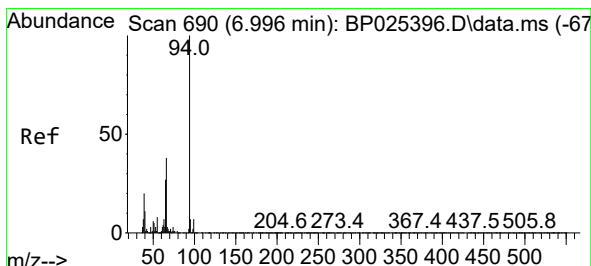
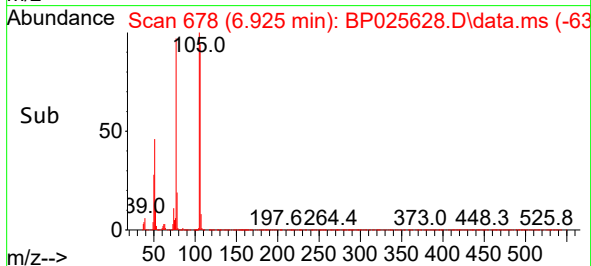
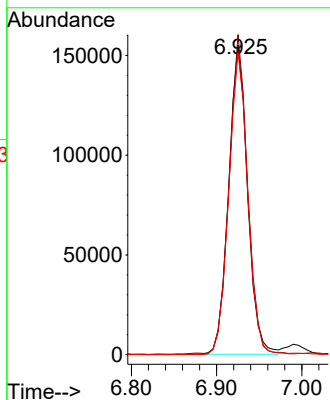
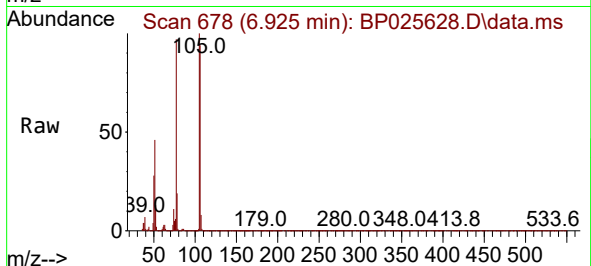




#9
Benzaldehyde
Concen: 24.700 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

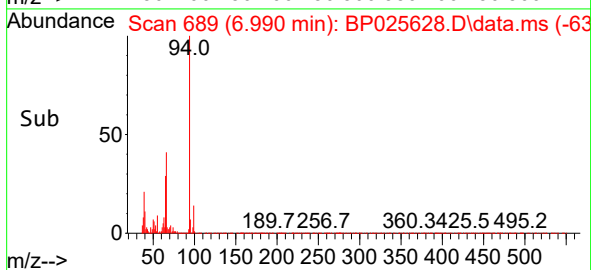
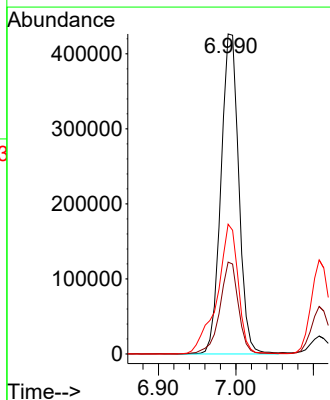
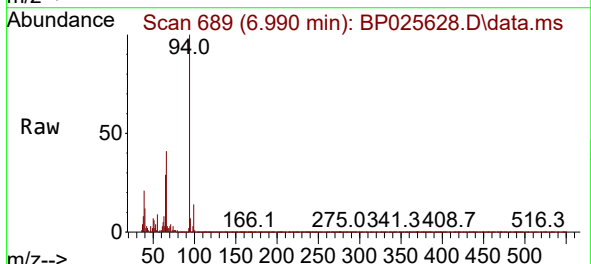
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BNA_P
ClientSampleId :
NORTH-TP-3MSD

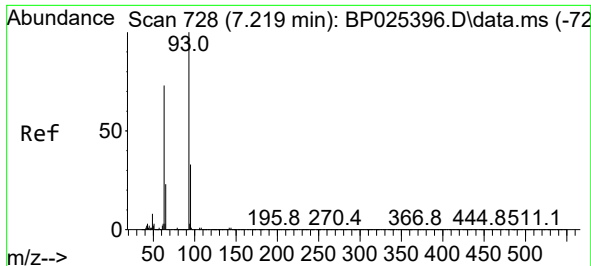
Tgt Ion: 77 Resp: 238727
Ion Ratio Lower Upper
77 100
105 103.3 84.8 124.8
106 97.5 80.5 120.5



#10
Phenol
Concen: 47.056 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion: 94 Resp: 681160
Ion Ratio Lower Upper
94 100
65 28.7 6.8 46.8
66 40.6 18.2 58.2

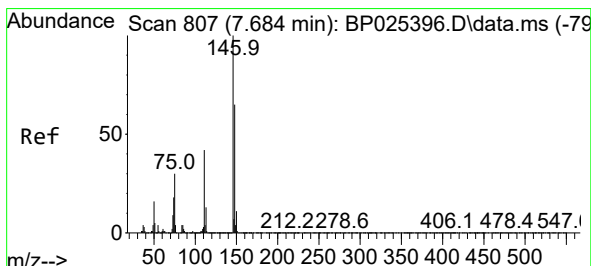
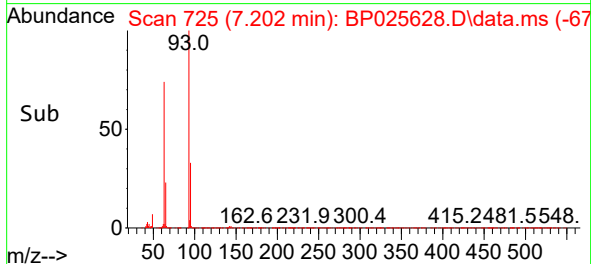
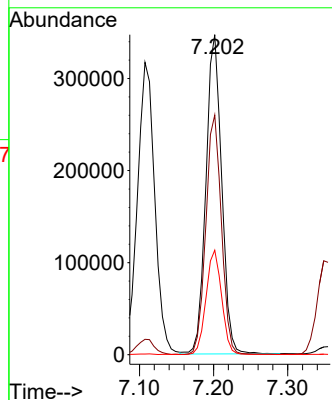
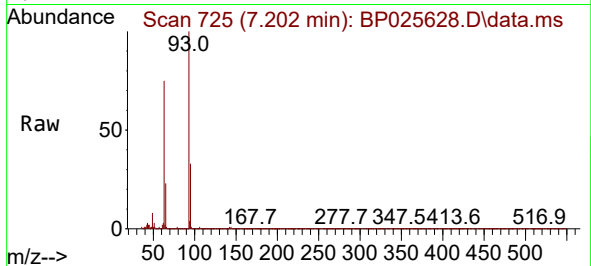




#11
bis(2-Chloroethyl)ether
Concen: 45.347 ng
RT: 7.202 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

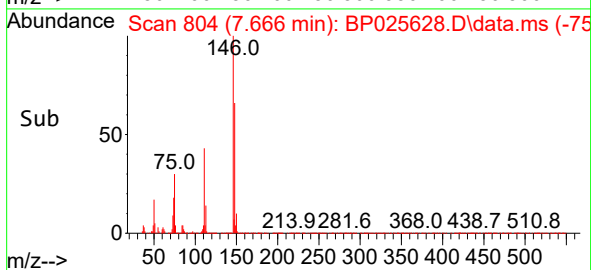
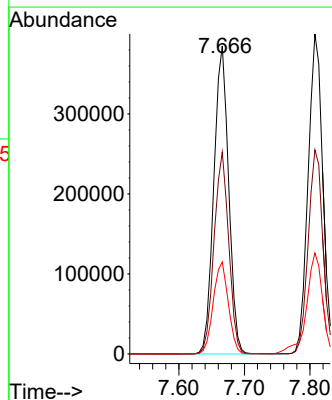
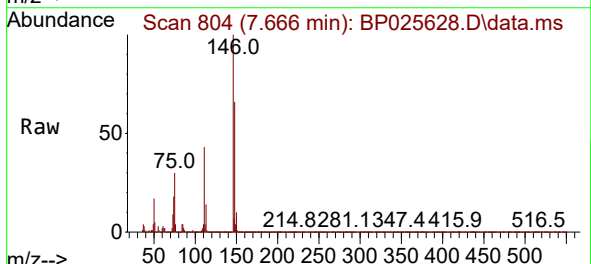
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

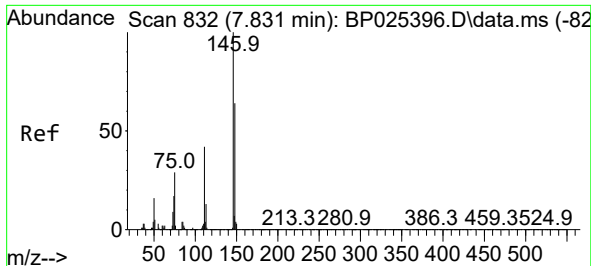
Tgt Ion: 93 Resp: 511639
Ion Ratio Lower Upper
93 100
63 74.9 52.6 92.6
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.099 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:146 Resp: 603832
Ion Ratio Lower Upper
146 100
148 65.6 51.9 77.9
75 29.9 23.7 35.5

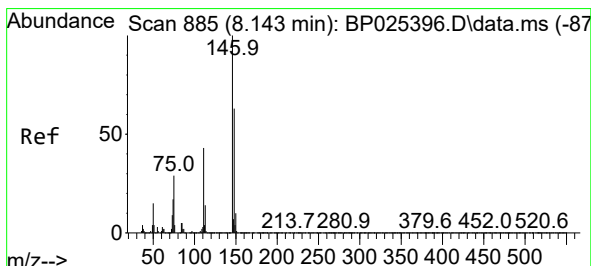
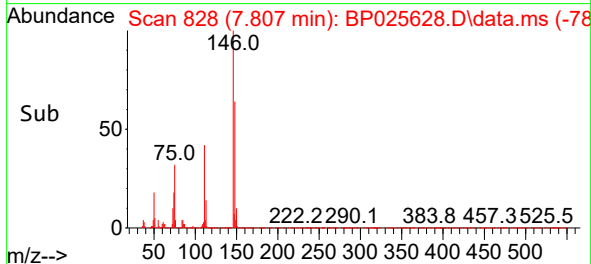
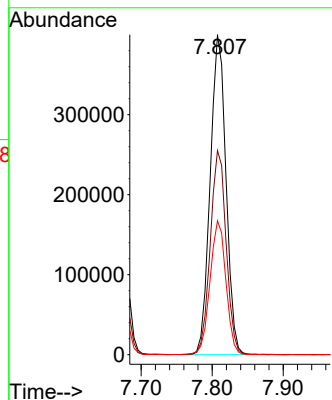
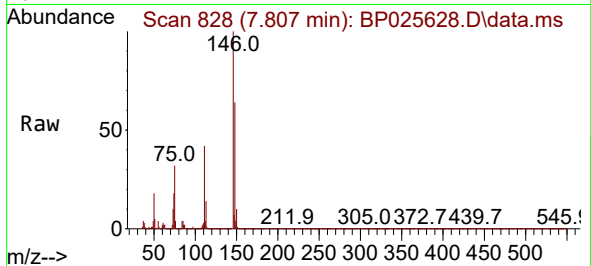




#13
1,4-Dichlorobenzene
Concen: 45.124 ng
RT: 7.807 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

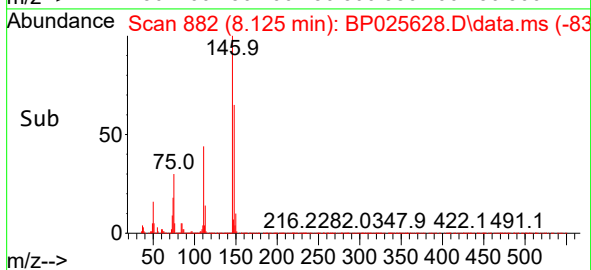
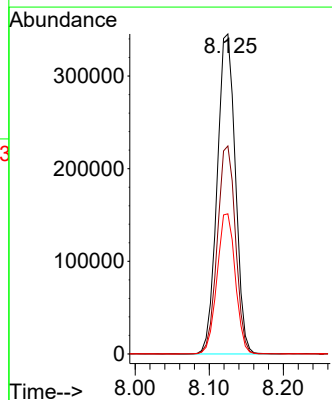
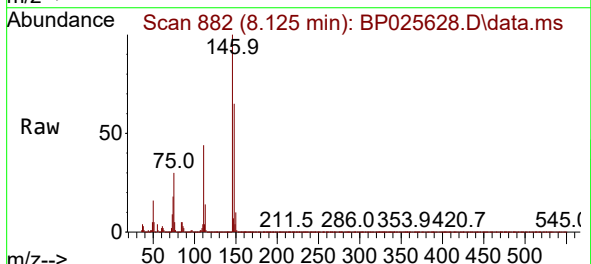
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

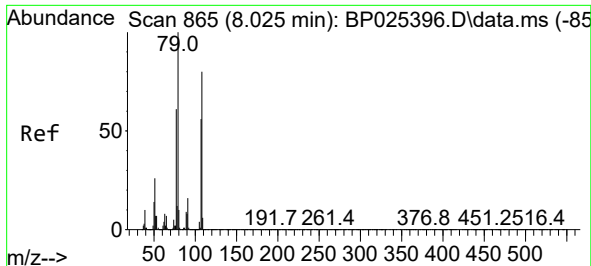
Tgt Ion:146 Resp: 617519
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 41.8 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 44.500 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:146 Resp: 589496
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
111 43.8 34.5 51.7

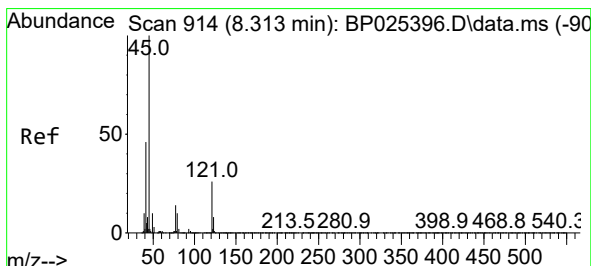
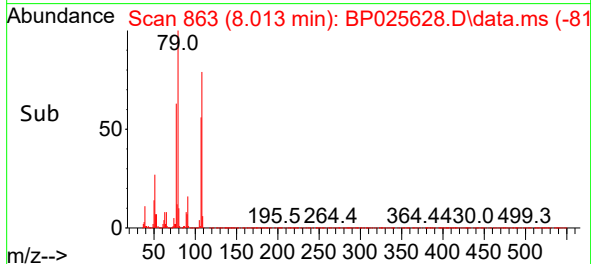
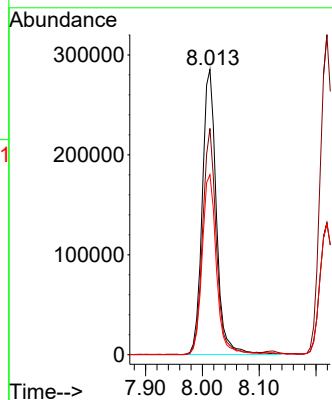
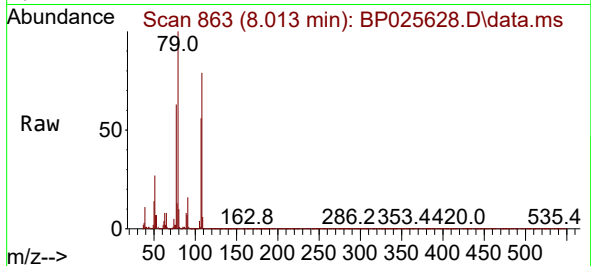




#15
Benzyl Alcohol
Concen: 44.909 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

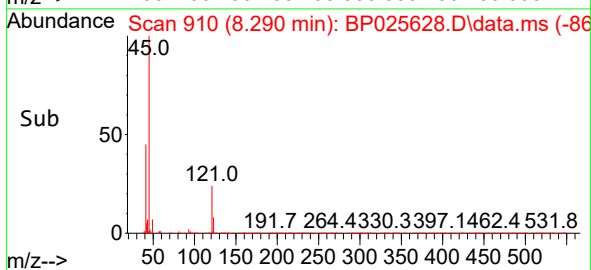
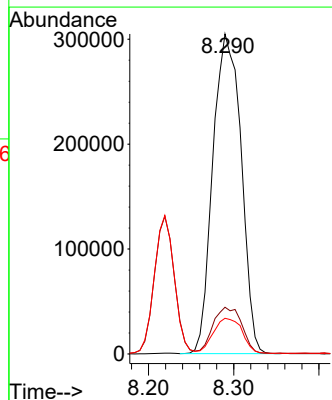
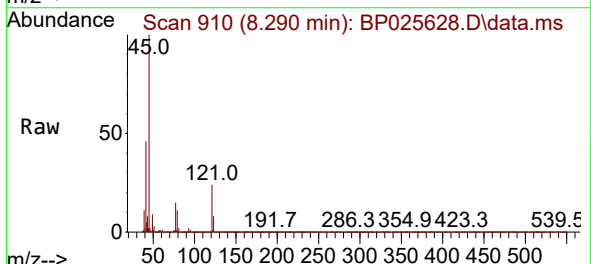
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

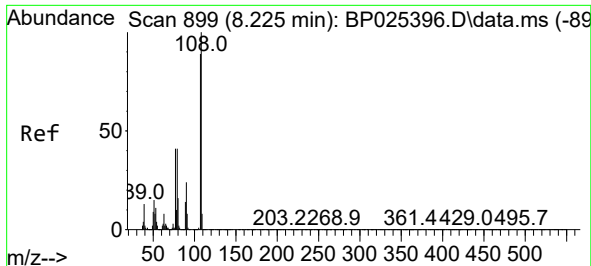
Tgt Ion: 79 Resp: 492260
Ion Ratio Lower Upper
79 100
108 79.3 63.8 95.6
77 63.1 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.499 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion: 45 Resp: 702806
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.3
79 11.2 0.0 31.8

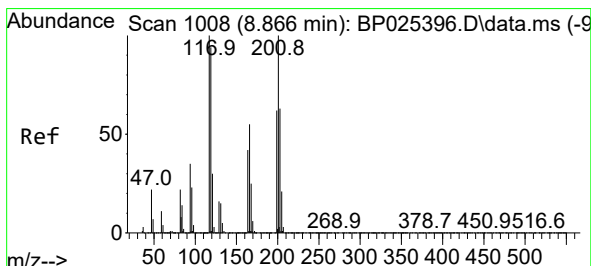
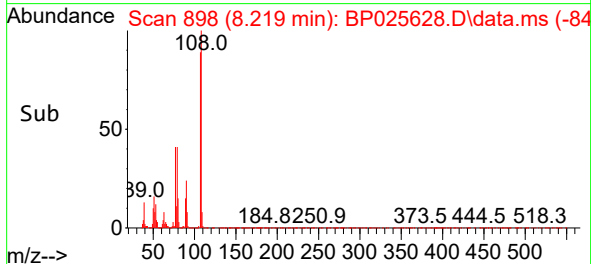
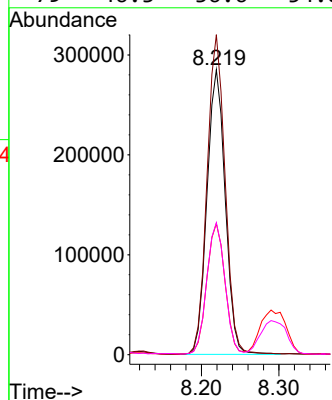
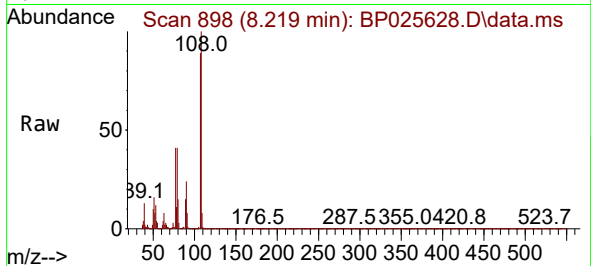




#17
2-Methylphenol
Concen: 46.376 ng
RT: 8.219 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

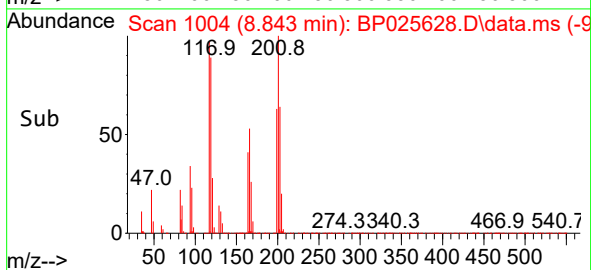
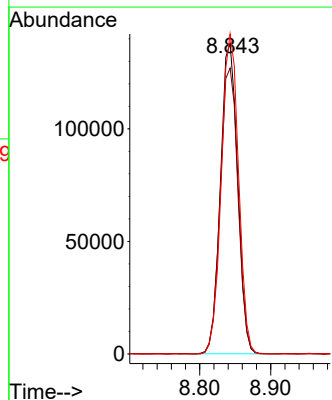
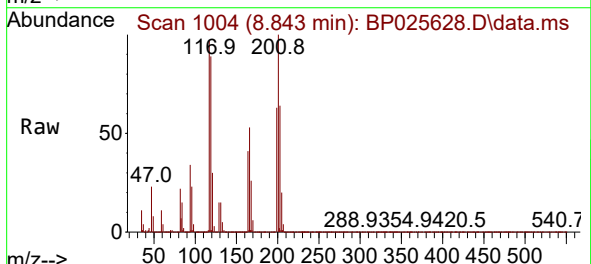
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

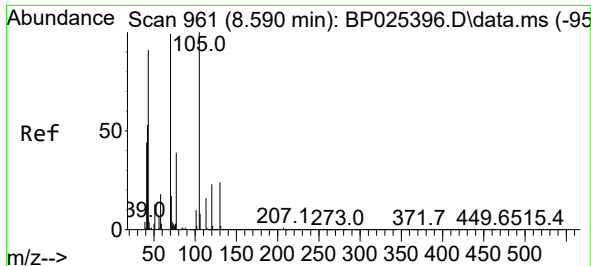
Tgt Ion:	107	Resp:	466247
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.4	134.0
77	46.0	36.3	54.5
79	46.3	36.6	54.8



#18
Hexachloroethane
Concen: 45.926 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:	117	Resp:	231082
Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.1	112.7
201	103.1	80.1	120.1

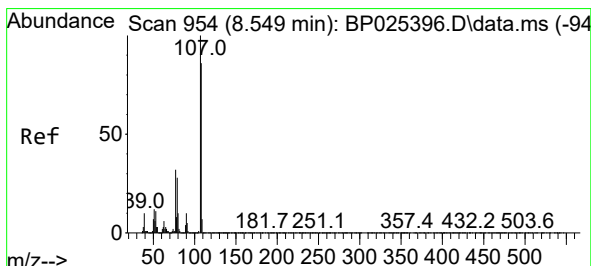
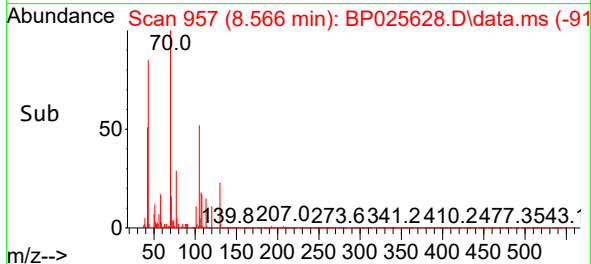
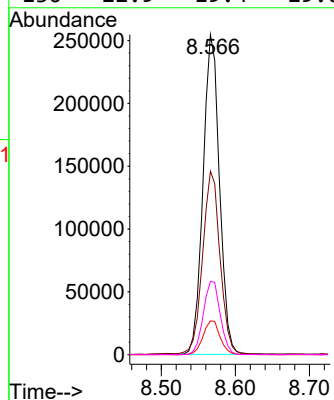
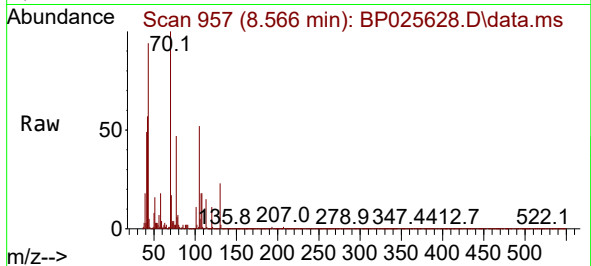




#19
n-Nitroso-di-n-propylamine
Concen: 42.897 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

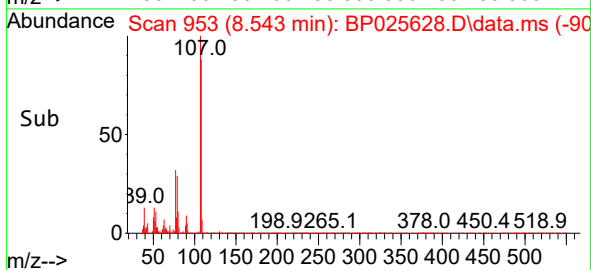
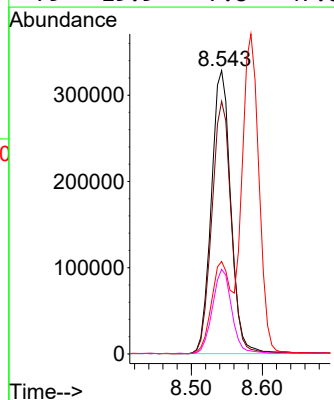
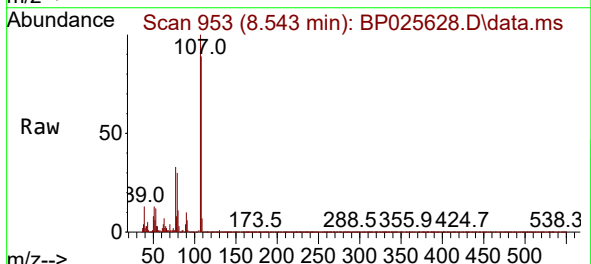
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

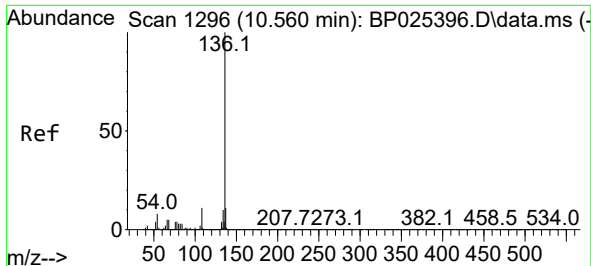
Tgt Ion: 70 Resp: 391984
Ion Ratio Lower Upper
70 100
42 57.4 43.8 65.6
101 10.5 8.5 12.7
130 22.9 19.4 29.0



#20
3+4-Methylphenols
Concen: 44.877 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion: 107 Resp: 625396
Ion Ratio Lower Upper
107 100
108 89.2 66.3 106.3
77 32.6 12.3 52.3
79 29.9 7.8 47.8

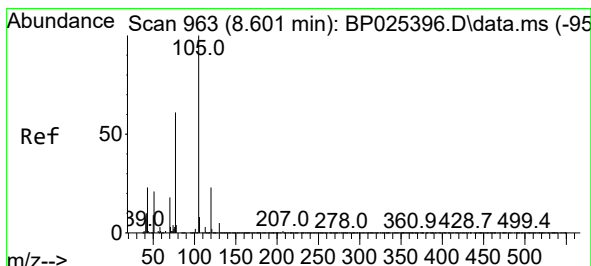
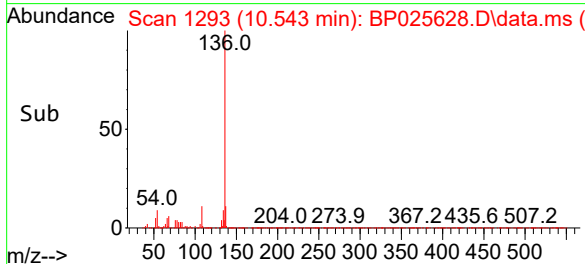
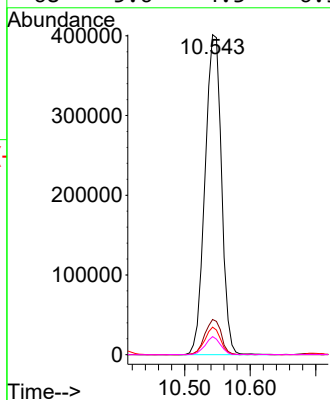
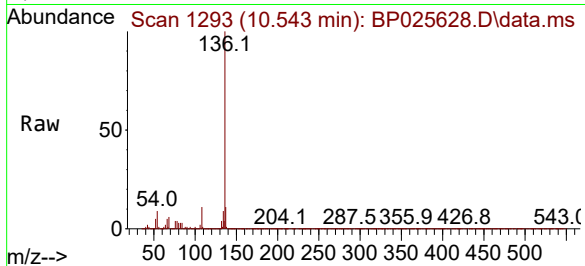




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

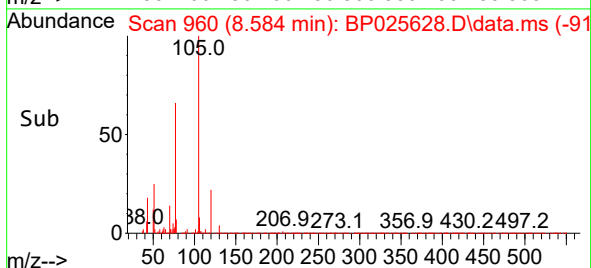
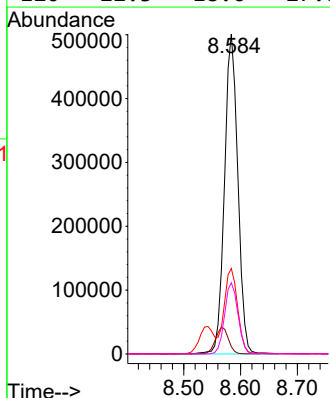
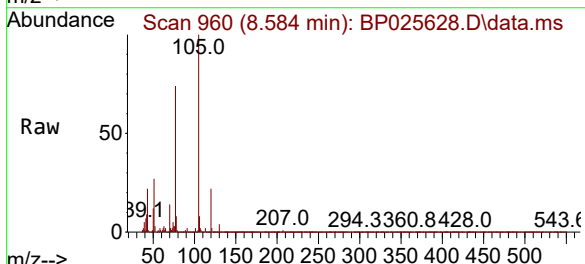
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

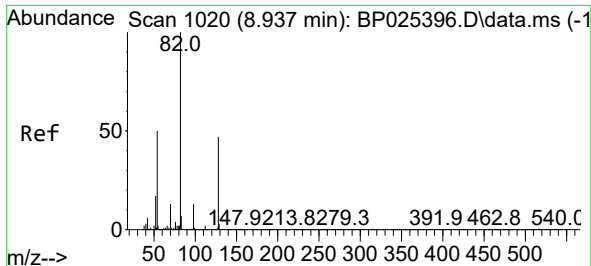
Tgt Ion:	136	Resp:	701495
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	8.6	6.0	9.0
68	5.6	4.3	6.5



#22
Acetophenone
Concen: 46.624 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:	105	Resp:	820219
Ion Ratio	Lower	Upper	
105	100		
71	2.3	2.6	4.0
51	26.7	20.6	30.8
120	22.3	18.6	27.8

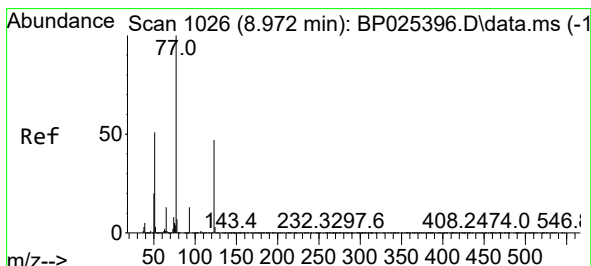
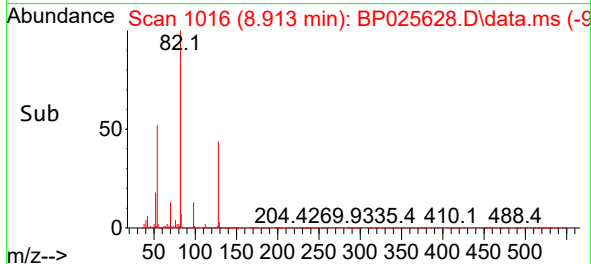
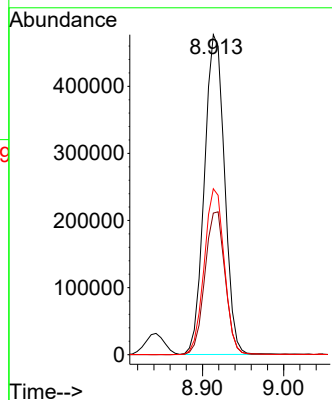
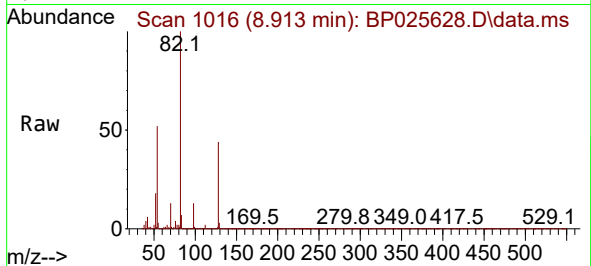




#23
Nitrobenzene-d5
Concen: 59.174 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

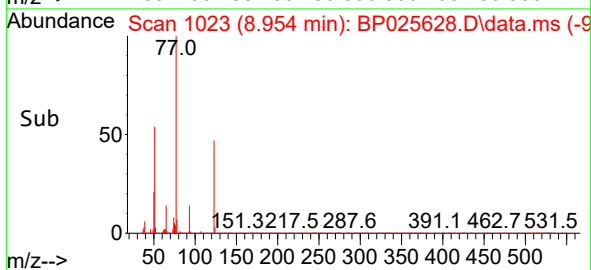
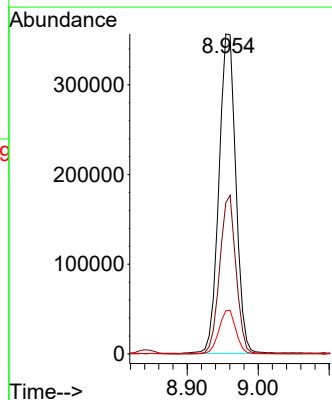
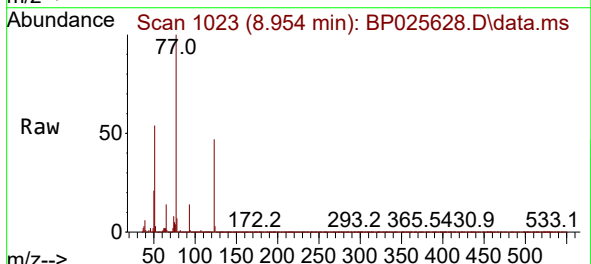
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

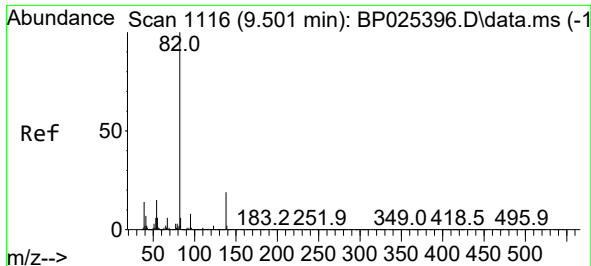
Tgt Ion: 82 Resp: 820597
Ion Ratio Lower Upper
82 100
128 44.2 37.7 56.5
54 51.9 39.8 59.6



#24
Nitrobenzene
Concen: 47.436 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion: 77 Resp: 587897
Ion Ratio Lower Upper
77 100
123 47.3 38.6 58.0
65 13.5 10.6 15.8

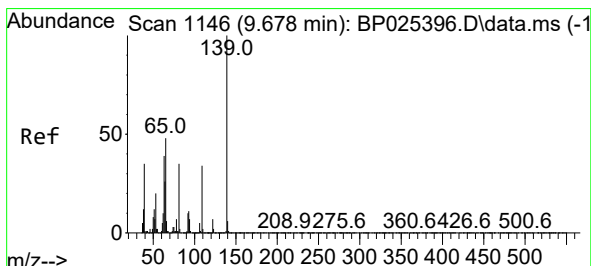
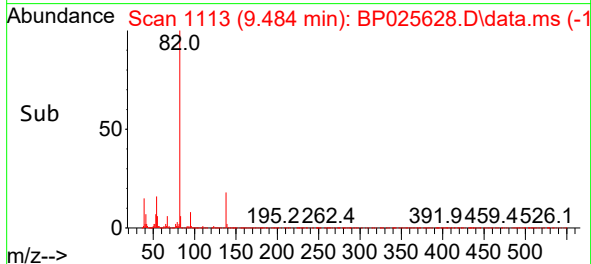
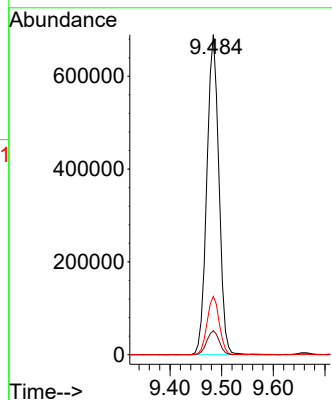
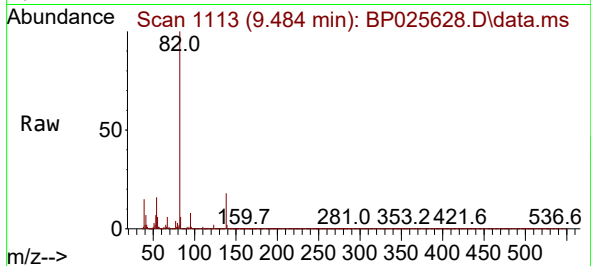




#25
Isophorone
Concen: 45.429 ng
RT: 9.484 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

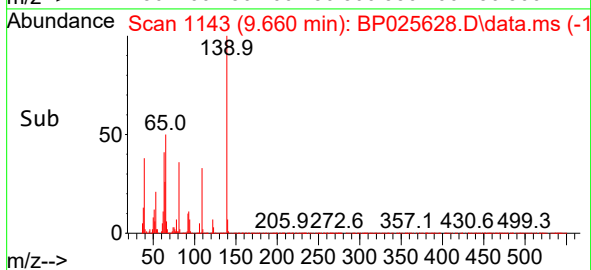
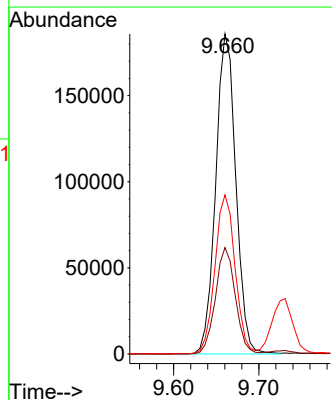
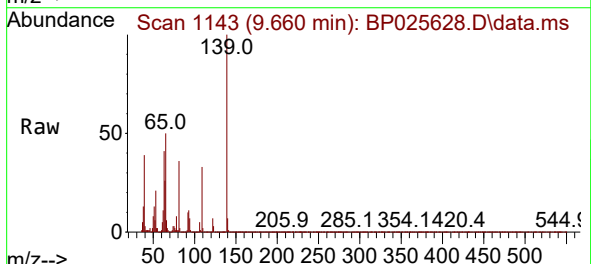
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

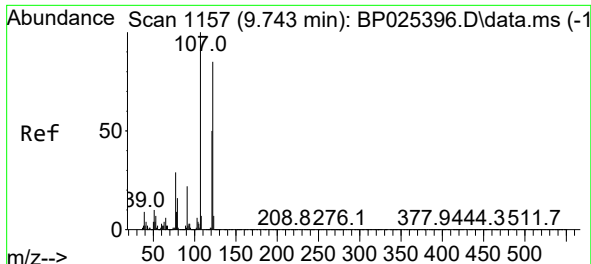
Tgt Ion: 82 Resp: 1114909
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 18.2 15.4 23.0



#26
2-Nitrophenol
Concen: 47.895 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:139 Resp: 304635
Ion Ratio Lower Upper
139 100
109 33.2 26.9 40.3
65 49.7 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 48.071 ng

RT: 9.731 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

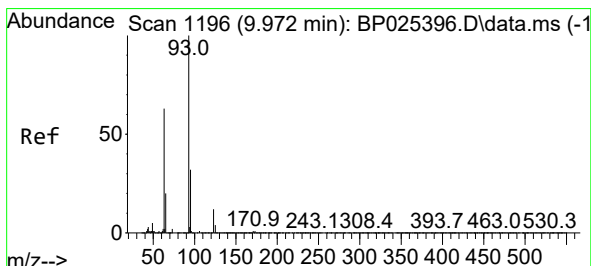
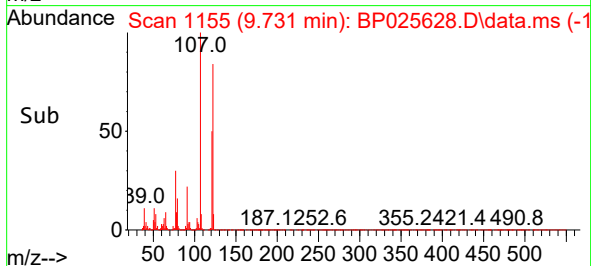
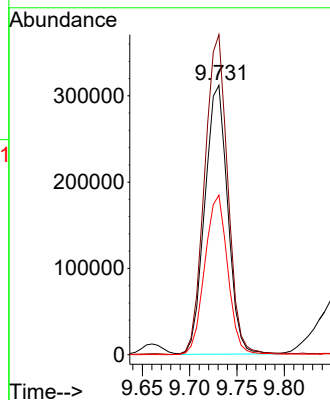
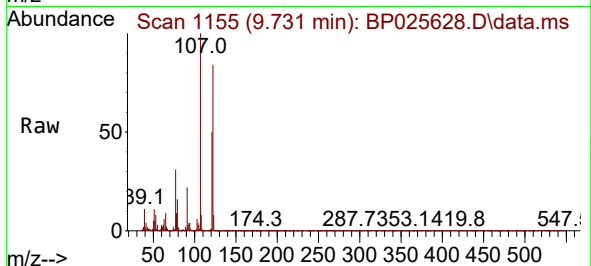
Tgt Ion:122 Resp: 525806

Ion Ratio Lower Upper

122 100

107 118.8 93.7 140.5

121 59.2 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.579 ng

RT: 9.954 min Scan# 1193

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

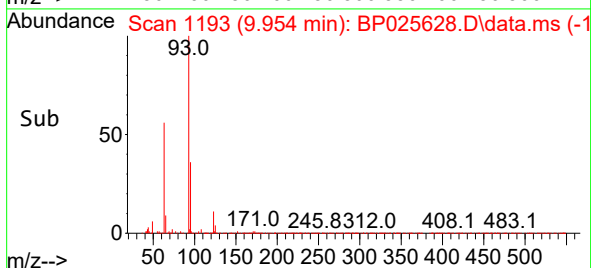
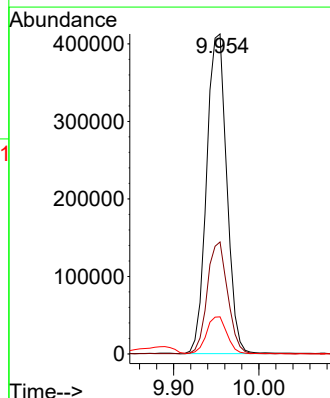
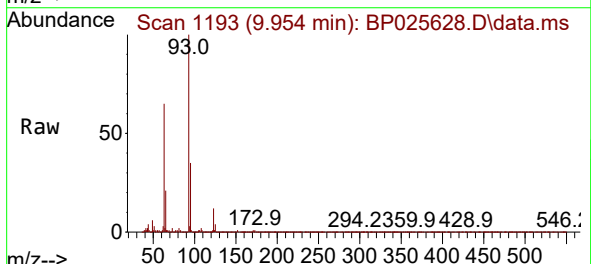
Tgt Ion: 93 Resp: 676167

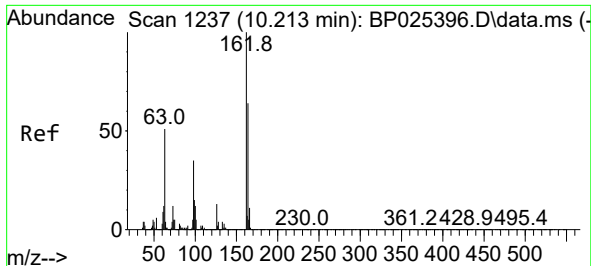
Ion Ratio Lower Upper

93 100

95 35.0 25.4 38.0

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.819 ng

RT: 10.201 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

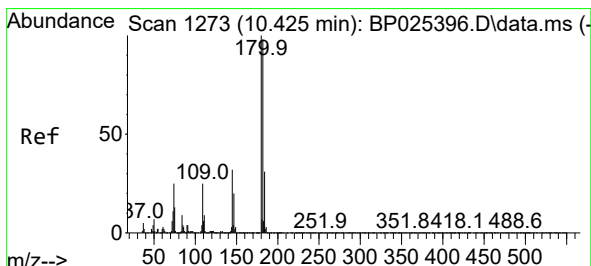
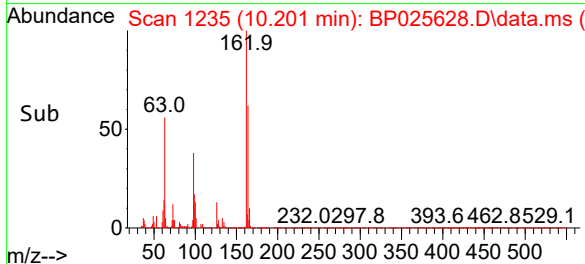
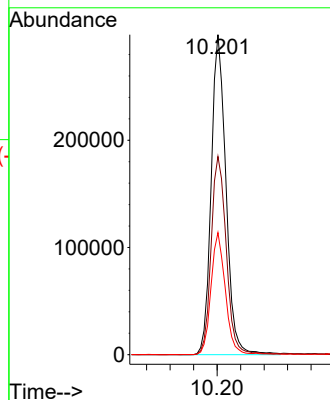
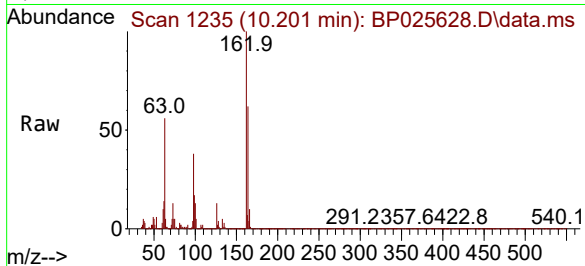
Tgt Ion:162 Resp: 519593

Ion Ratio Lower Upper

162 100

164 62.0 44.4 84.4

98 38.1 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 46.095 ng

RT: 10.407 min Scan# 1270

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

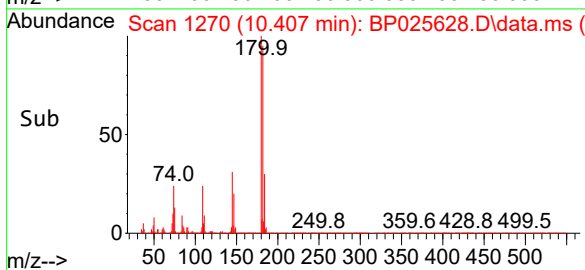
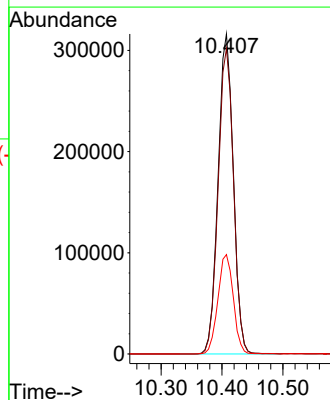
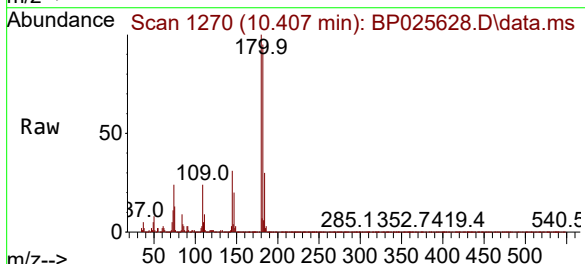
Tgt Ion:180 Resp: 549055

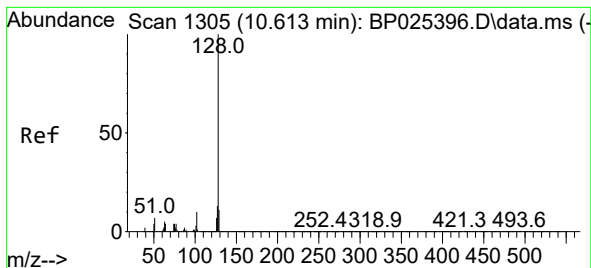
Ion Ratio Lower Upper

180 100

182 95.5 78.0 117.0

145 31.0 25.9 38.9

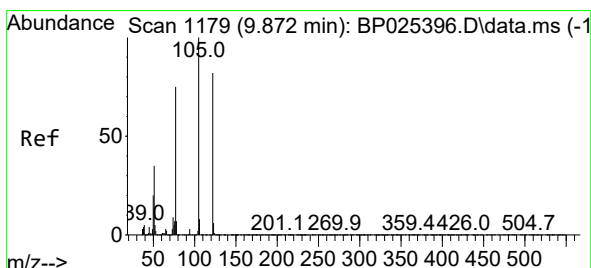
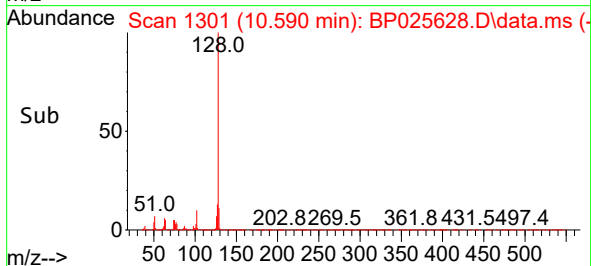
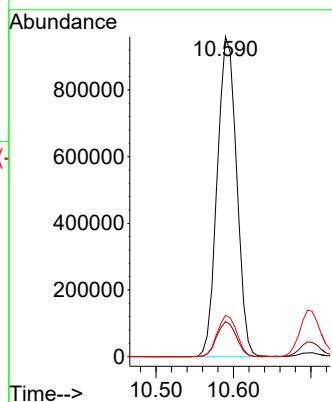
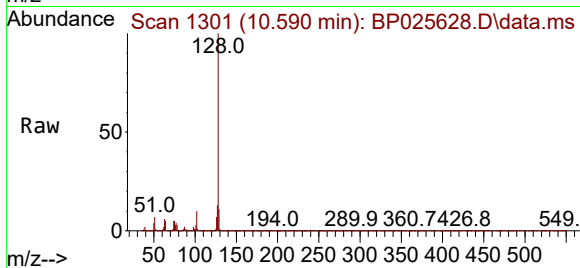




#31
Naphthalene
Concen: 45.919 ng
RT: 10.590 min Scan# 1182
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

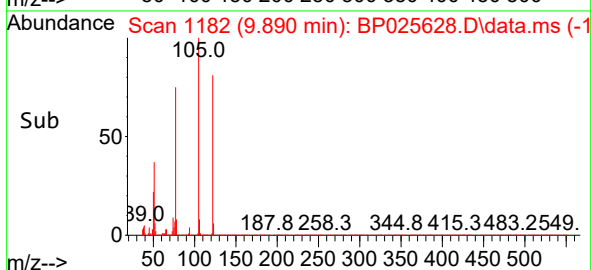
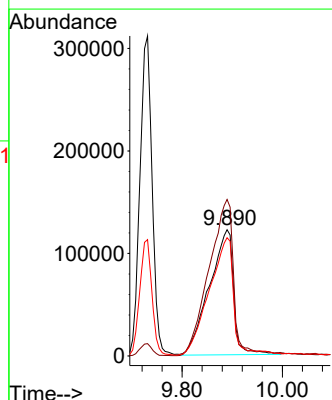
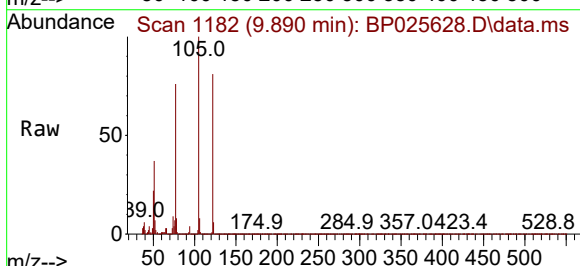
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

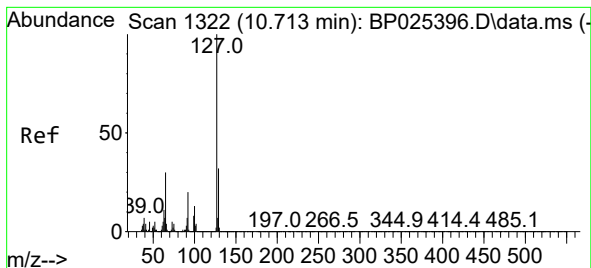
Tgt Ion:128 Resp: 1674225
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 50.609 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:122 Resp: 408689
Ion Ratio Lower Upper
122 100
105 123.9 100.6 140.6
77 93.7 71.5 111.5





#33

4-Chloroaniline

Concen: 16.739 ng

RT: 10.696 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

Tgt Ion:127 Resp: 269591

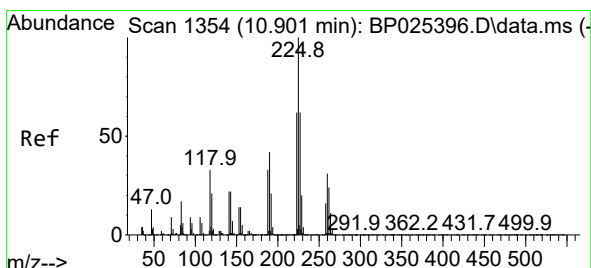
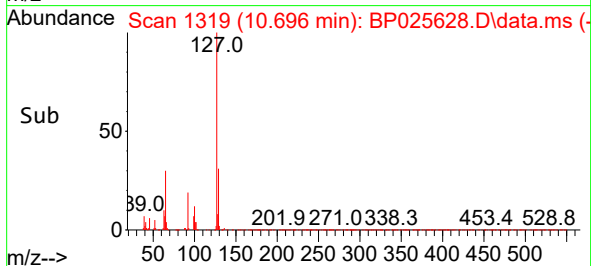
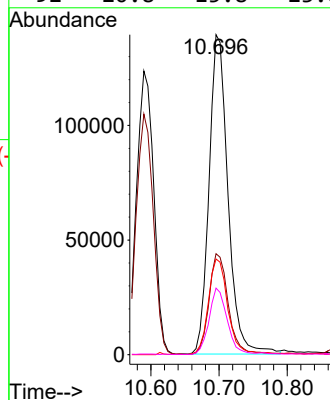
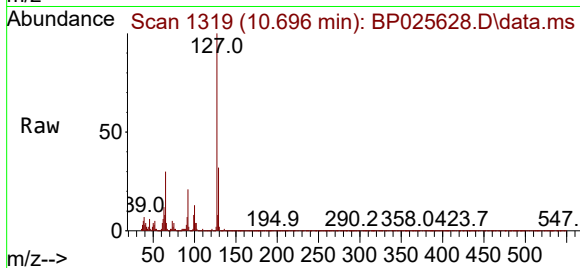
Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.2

65 29.9 23.8 35.6

92 20.8 15.8 23.8



#34

Hexachlorobutadiene

Concen: 46.730 ng

RT: 10.878 min Scan# 1350

Delta R.T. -0.024 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

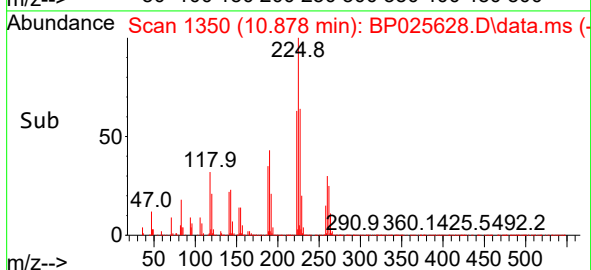
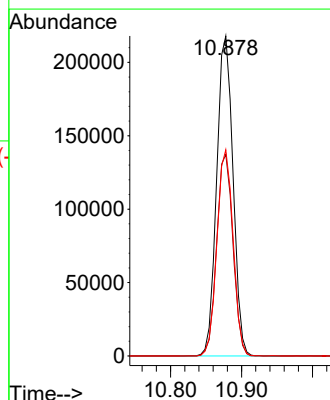
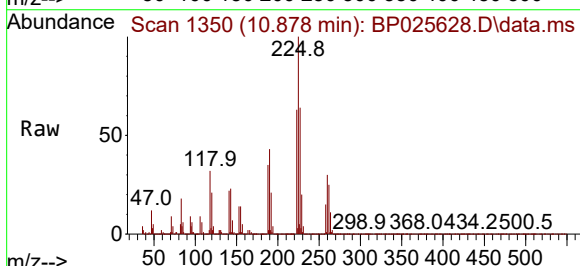
Tgt Ion:225 Resp: 346648

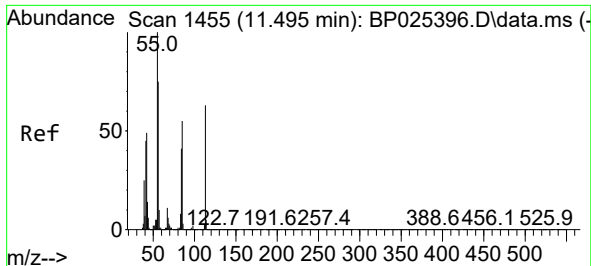
Ion Ratio Lower Upper

225 100

223 62.9 50.0 75.0

227 64.5 49.7 74.5

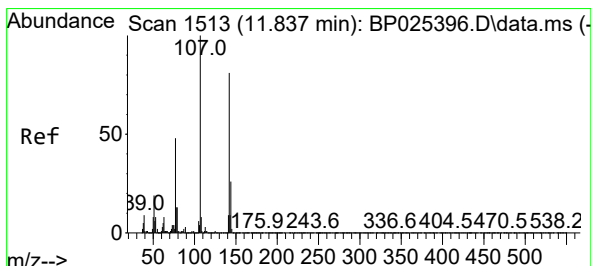
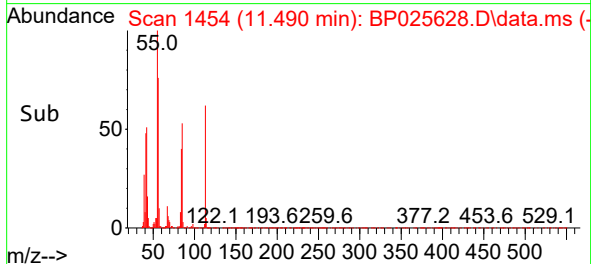
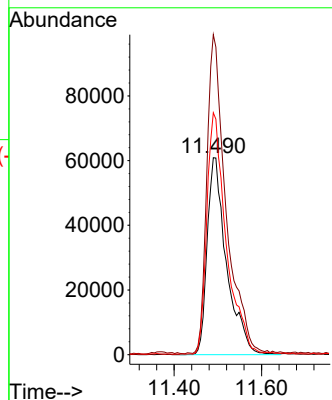
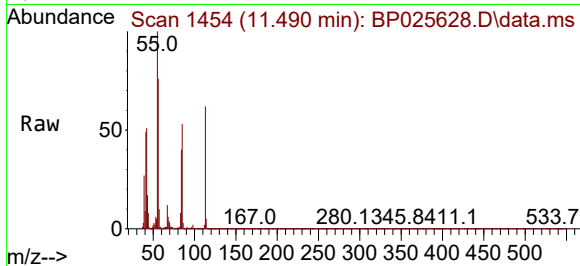




#35
Caprolactam
Concen: 47.086 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

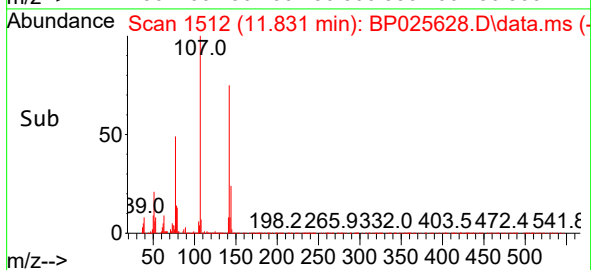
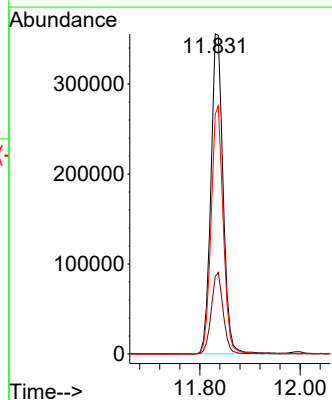
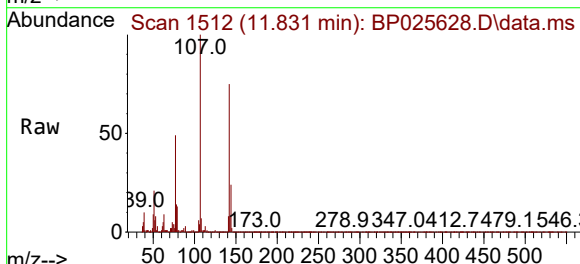
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

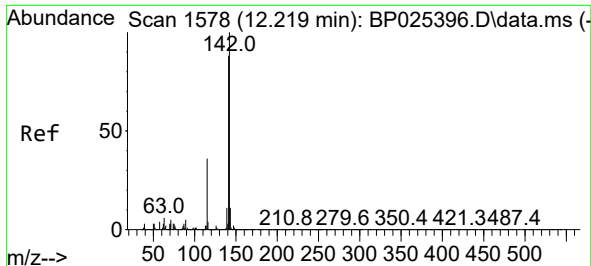
Tgt Ion:113 Resp: 187604
Ion Ratio Lower Upper
113 100
55 162.5 140.0 180.0
56 122.9 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 48.140 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:107 Resp: 600222
Ion Ratio Lower Upper
107 100
144 24.2 21.0 31.4
142 74.9 64.6 97.0

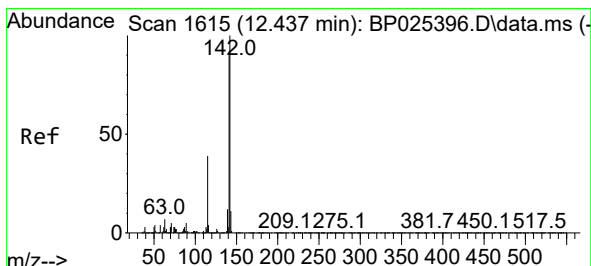
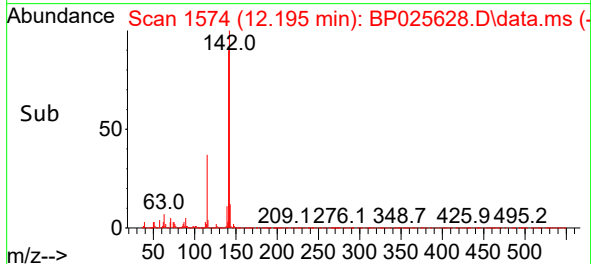
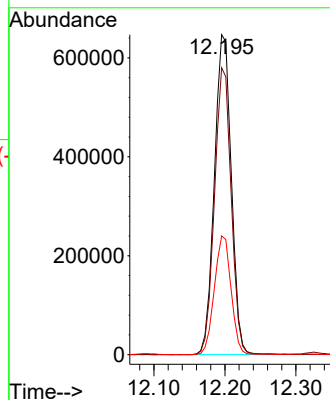
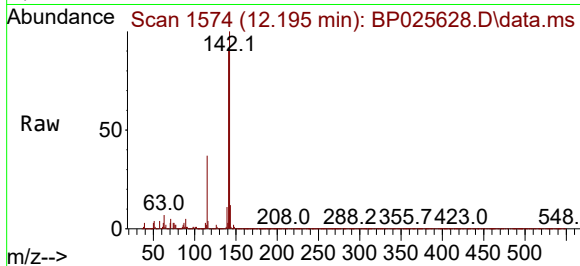




#37
2-Methylnaphthalene
Concen: 45.050 ng
RT: 12.195 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

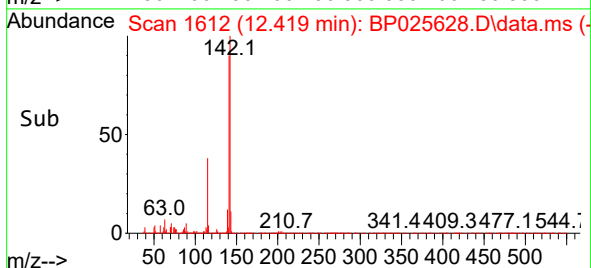
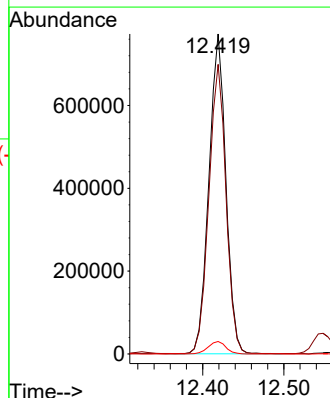
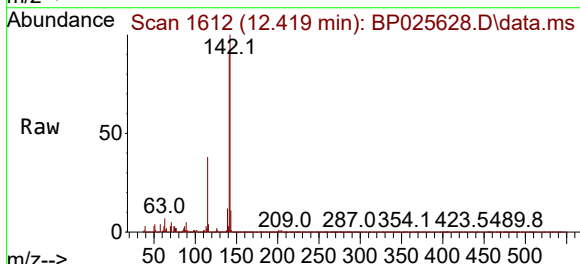
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

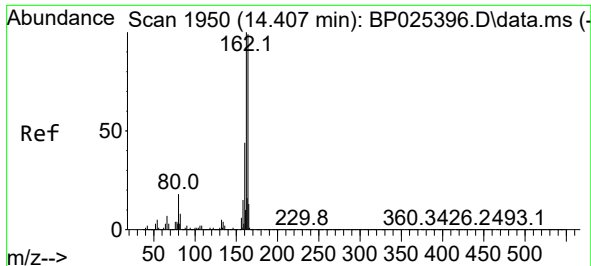
Tgt Ion:142 Resp: 1068914
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 37.1 28.9 43.3



#38
1-Methylnaphthalene
Concen: 44.360 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:142 Resp: 1119338
Ion Ratio Lower Upper
142 100
141 90.5 73.1 109.7
116 3.9 3.2 4.8

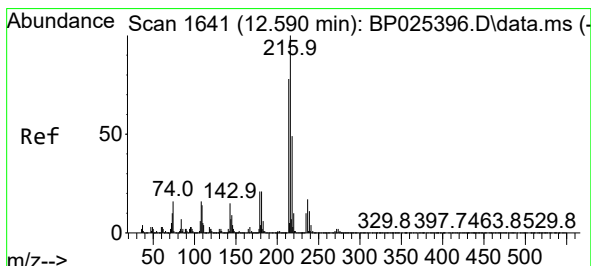
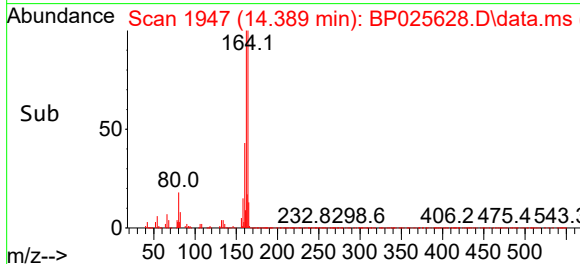
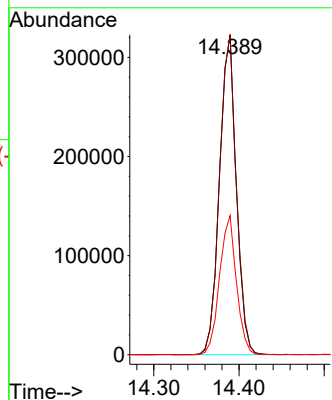
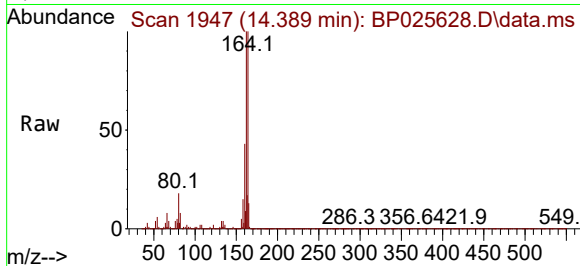




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

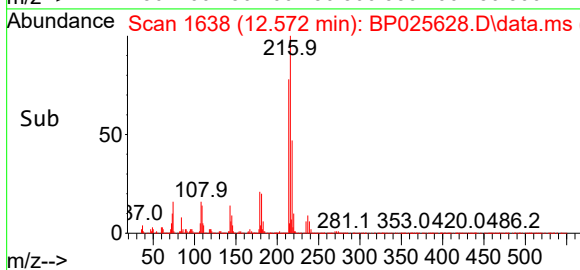
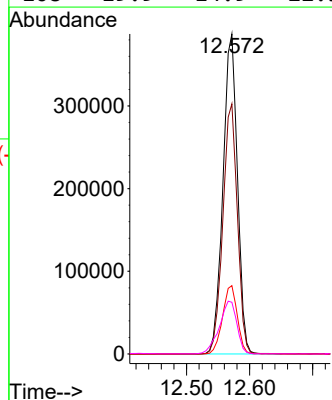
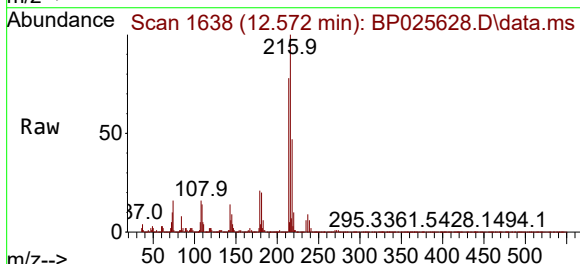
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BNA_P
ClientSampleId :
NORTH-TP-3MSD

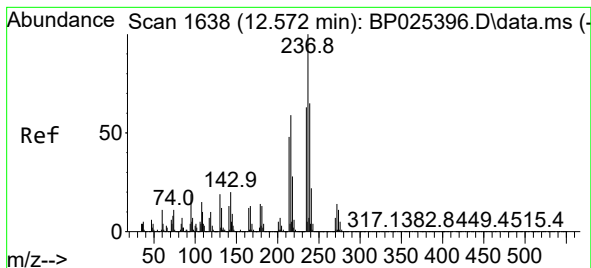
Tgt Ion:164 Resp: 441815
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.6
160 43.5 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.326 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:216 Resp: 616641
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.8 17.1 25.7
108 19.9 14.9 22.3

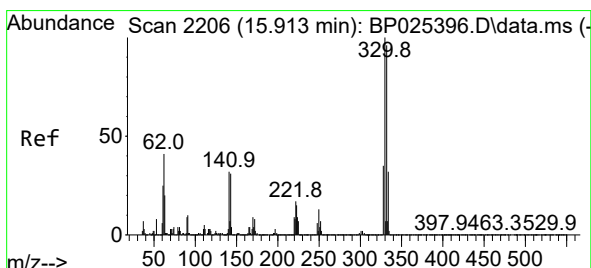
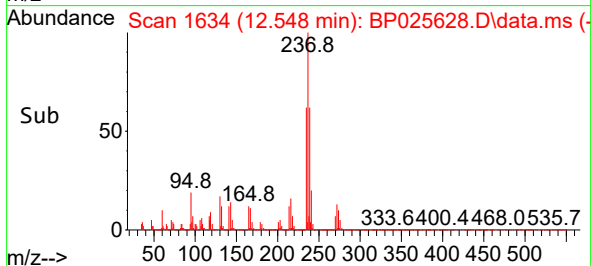
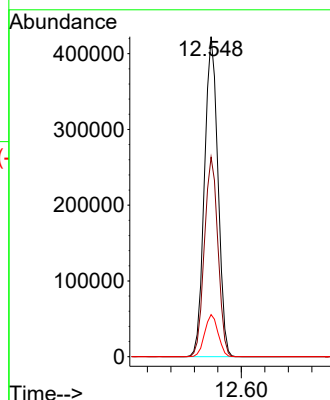
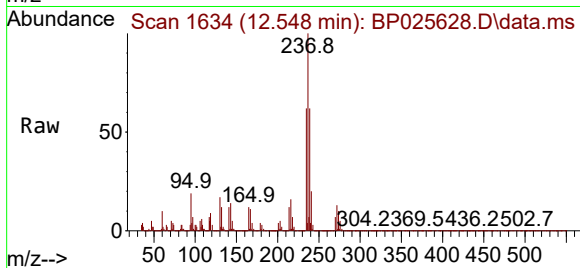




#41
Hexachlorocyclopentadiene
Concen: 87.005 ng
RT: 12.548 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

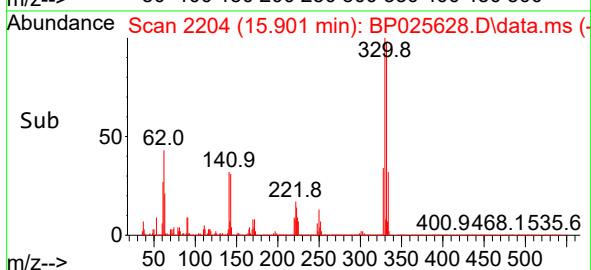
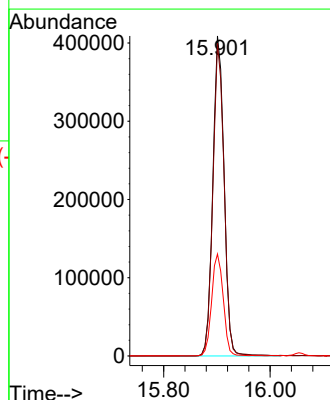
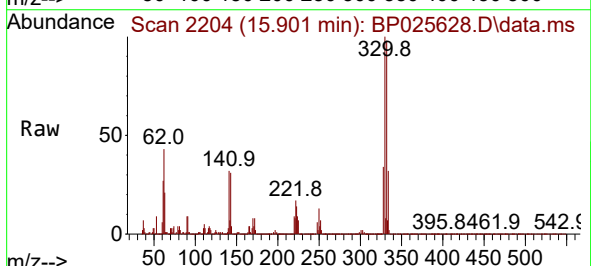
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BNA_P
ClientSampleId :
NORTH-TP-3MSD

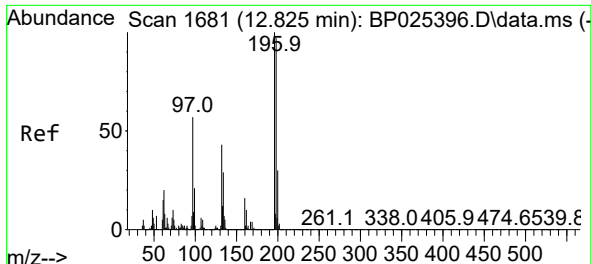
Tgt Ion:237 Resp: 670602
Ion Ratio Lower Upper
237 100
235 62.4 42.7 82.7
272 13.2 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 101.120 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:330 Resp: 601347
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 32.9 26.6 39.8

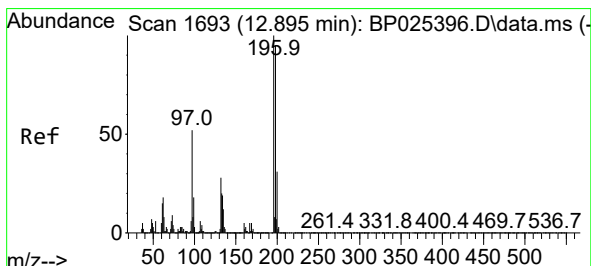
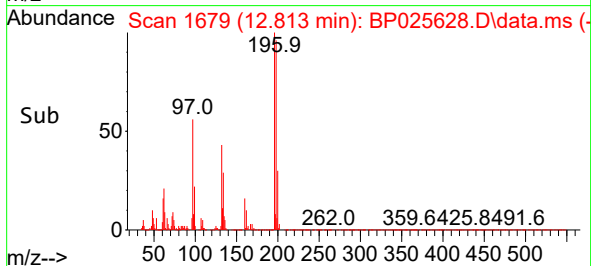
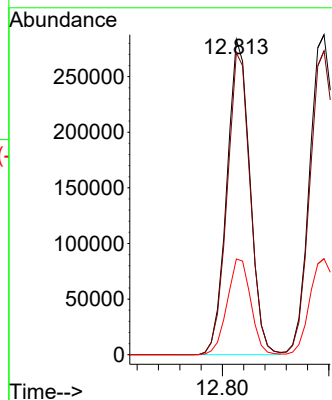
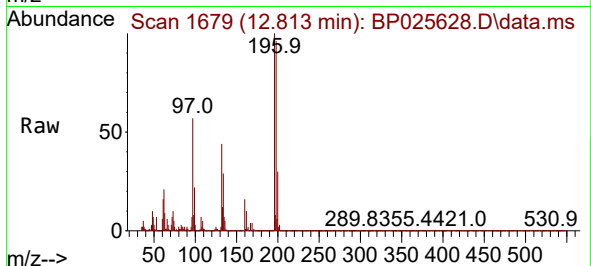




#43
2,4,6-Trichlorophenol
Concen: 49.410 ng
RT: 12.813 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

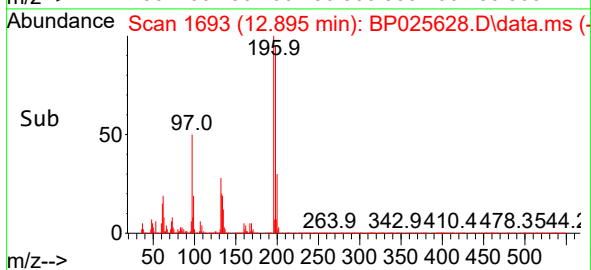
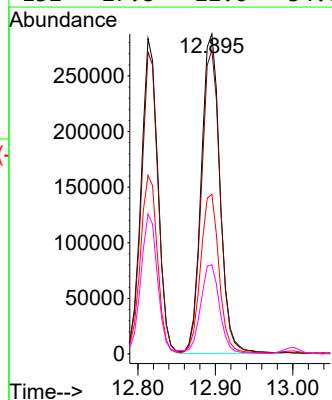
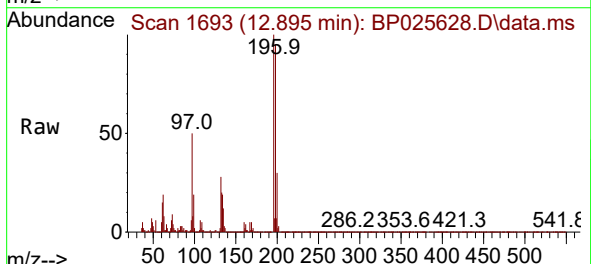
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

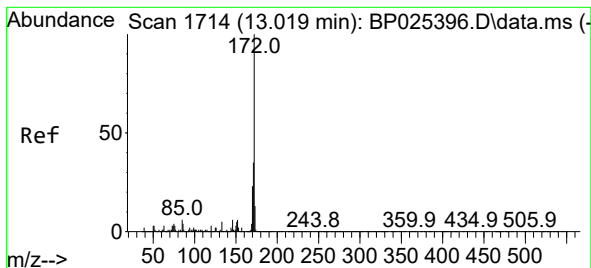
Tgt Ion:196 Resp: 425640
Ion Ratio Lower Upper
196 100
198 95.7 77.2 115.8
200 30.3 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 51.007 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:196 Resp: 481571
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.2
97 49.9 41.2 61.8
132 27.8 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 53.164 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

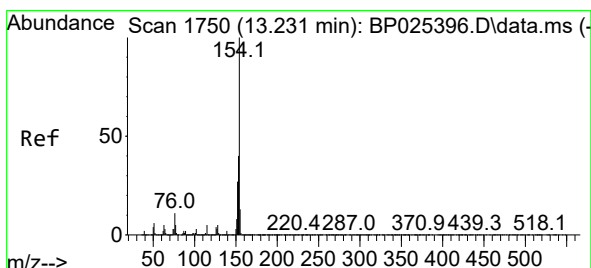
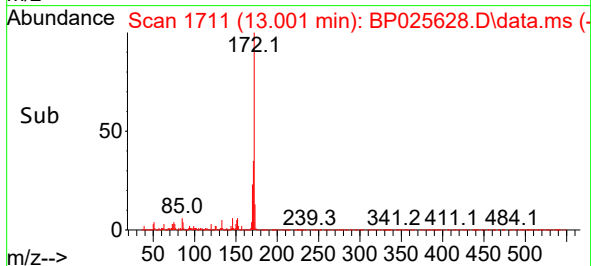
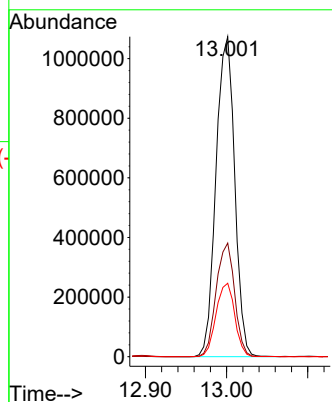
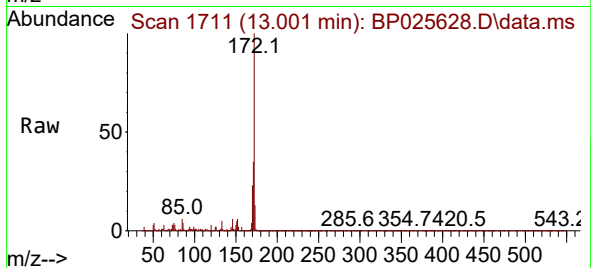
Tgt Ion:172 Resp: 1718671

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 22.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 46.783 ng

RT: 13.207 min Scan# 1746

Delta R.T. -0.024 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

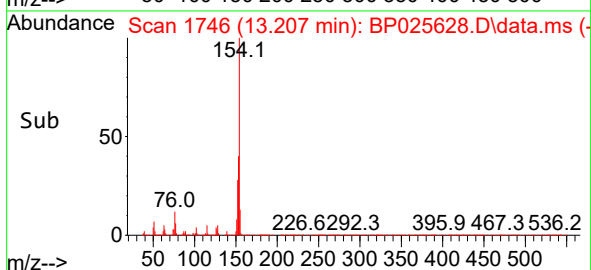
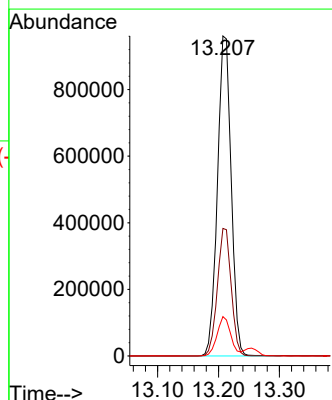
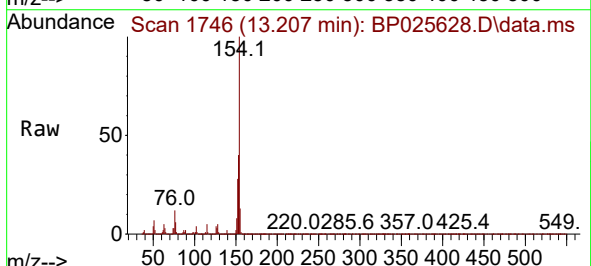
Tgt Ion:154 Resp: 1501139

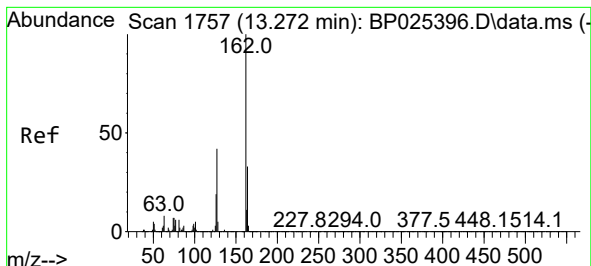
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

76 12.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 47.712 ng

RT: 13.254 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

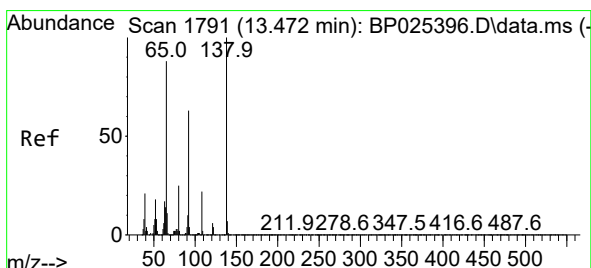
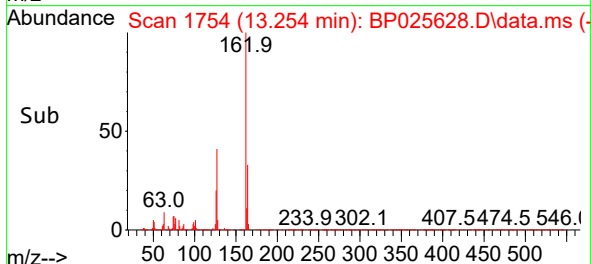
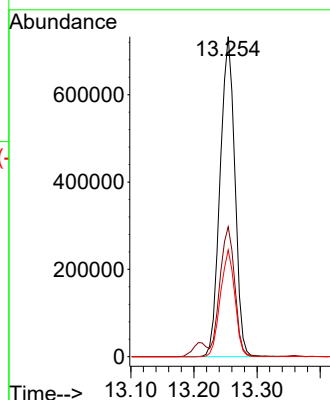
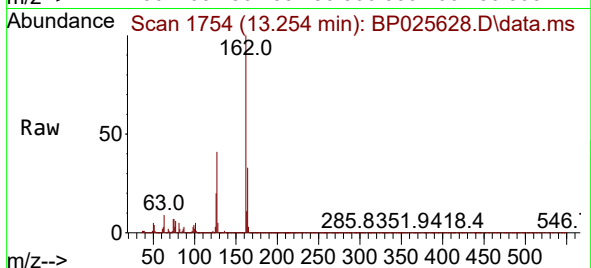
Tgt Ion:162 Resp: 1191834

Ion Ratio Lower Upper

162 100

127 40.6 33.4 50.2

164 33.3 26.2 39.2



#48

2-Nitroaniline

Concen: 51.566 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

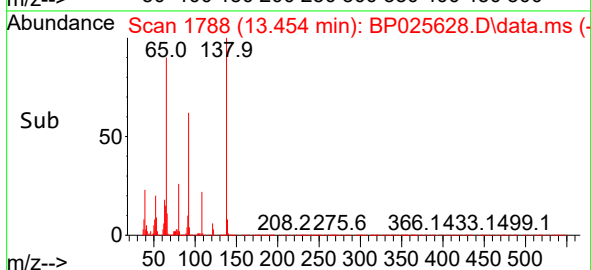
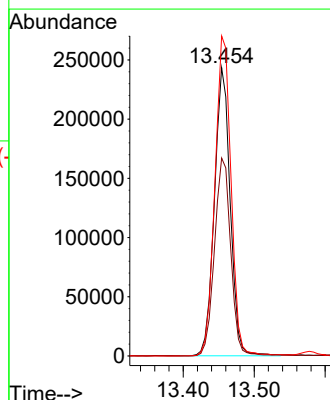
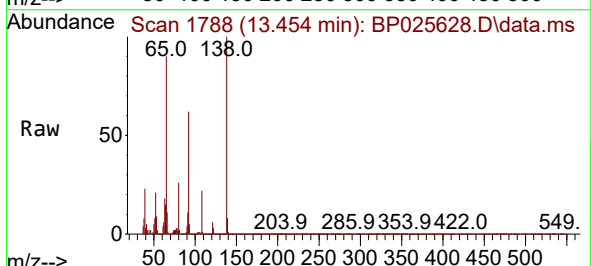
Tgt Ion: 65 Resp: 375321

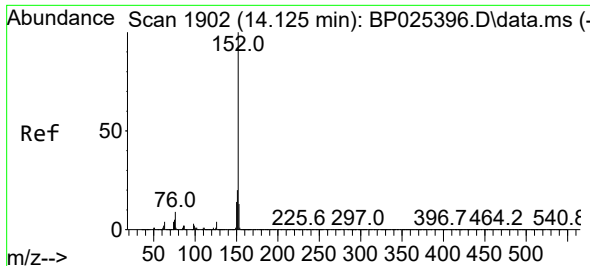
Ion Ratio Lower Upper

65 100

92 68.7 57.6 86.4

138 111.0 91.0 136.6

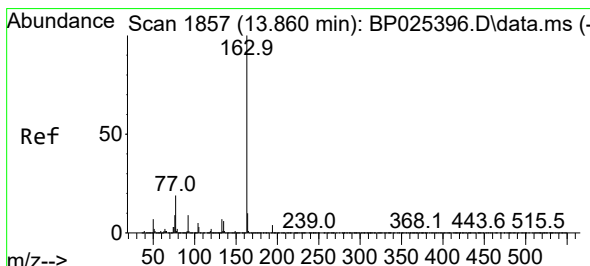
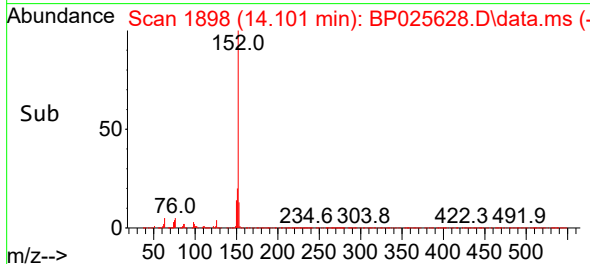
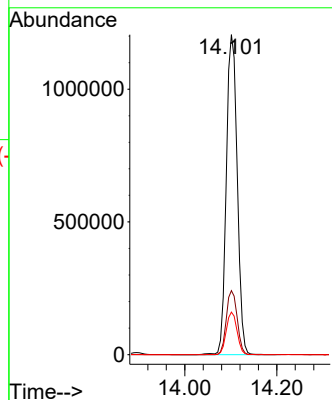
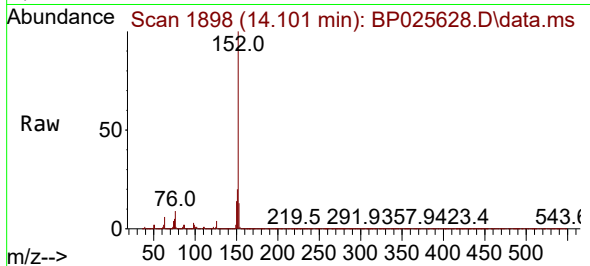




#49
Acenaphthylene
Concen: 47.685 ng
RT: 14.101 min Scan# 1898
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

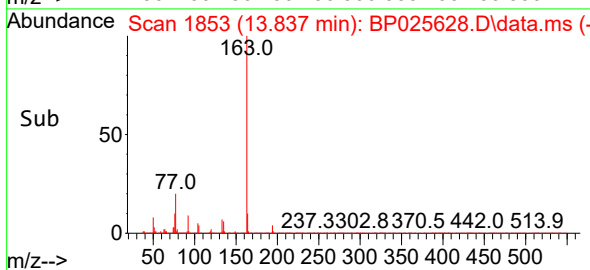
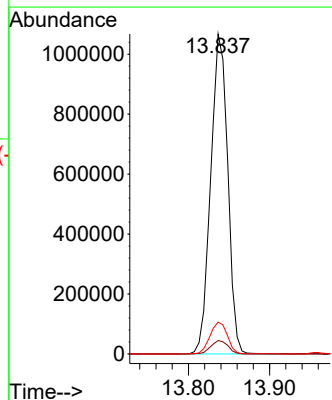
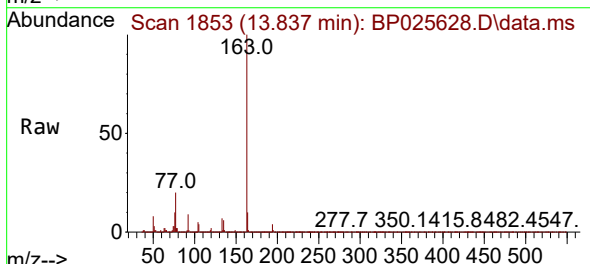
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

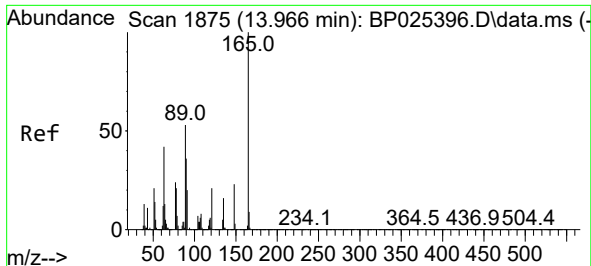
Tgt Ion:152 Resp: 1971006
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 48.041 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.024 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:163 Resp: 1554303
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 7.9 11.9

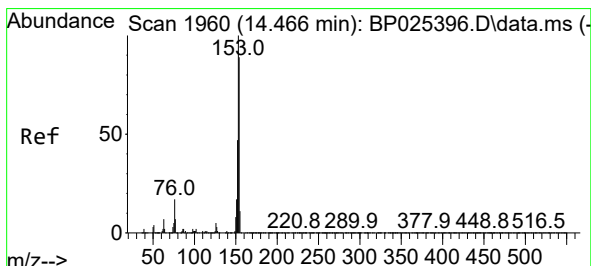
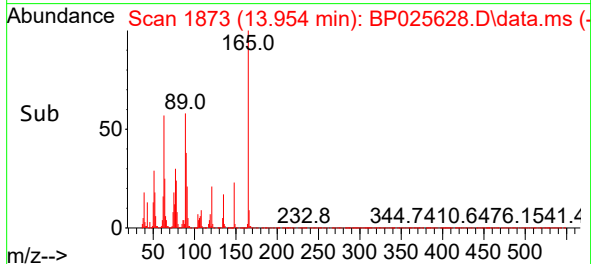
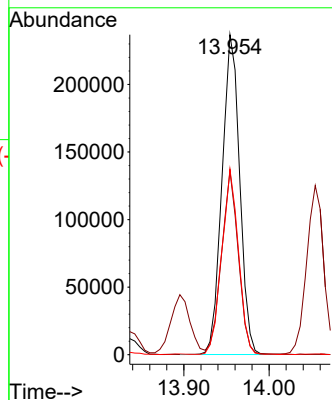
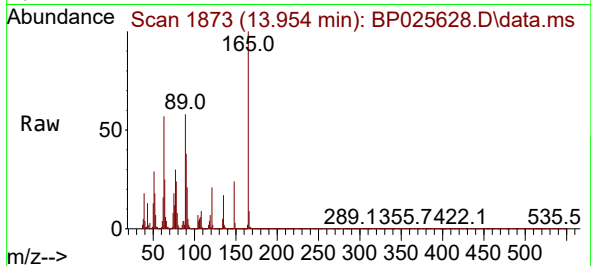




#51
2,6-Dinitrotoluene
Concen: 50.198 ng
RT: 13.954 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

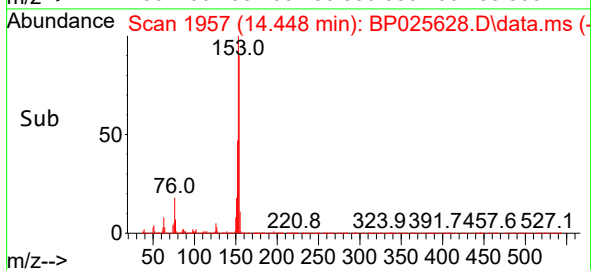
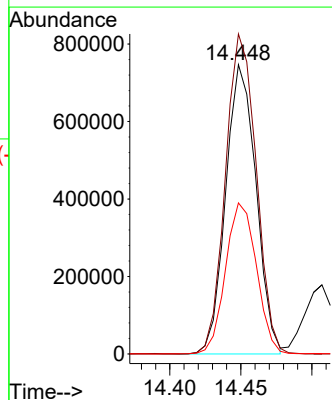
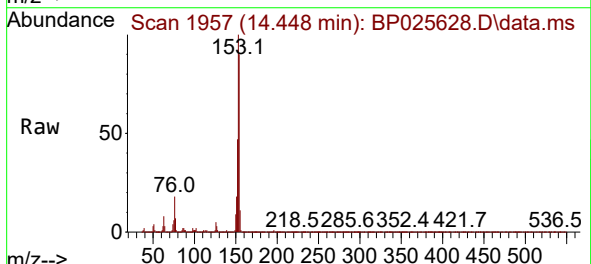
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

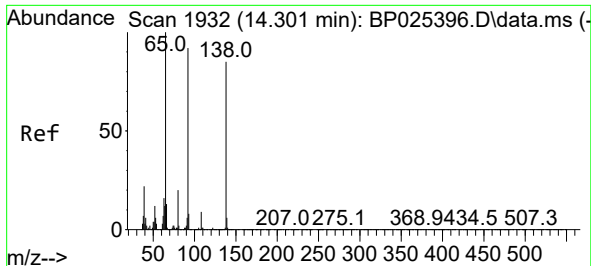
Tgt Ion:165 Resp: 342308
Ion Ratio Lower Upper
165 100
63 57.4 40.9 61.3
89 58.0 42.1 63.1



#52
Acenaphthene
Concen: 45.767 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:154 Resp: 1110411
Ion Ratio Lower Upper
154 100
153 110.6 90.2 135.2
152 52.2 42.1 63.1

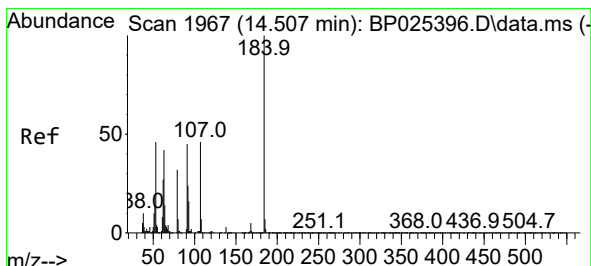
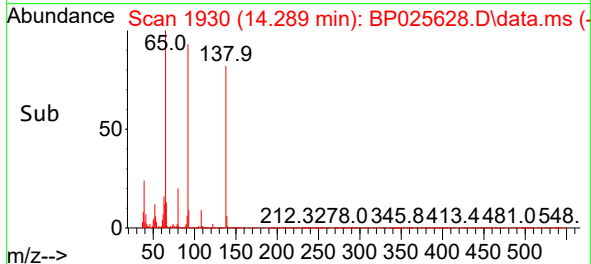
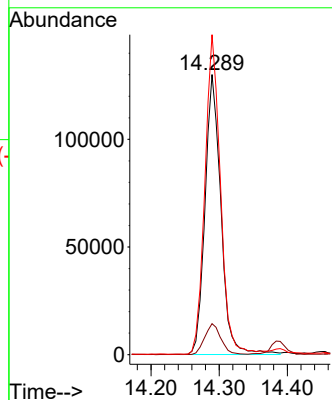
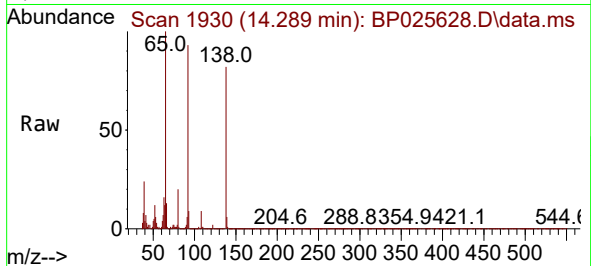




#53
3-Nitroaniline
Concen: 27.462 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

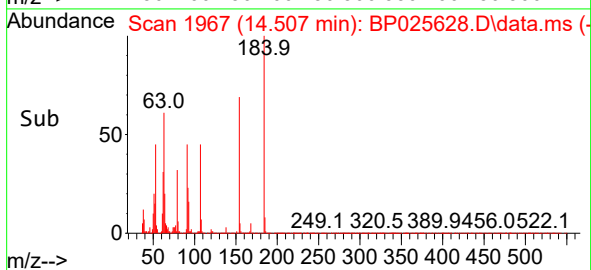
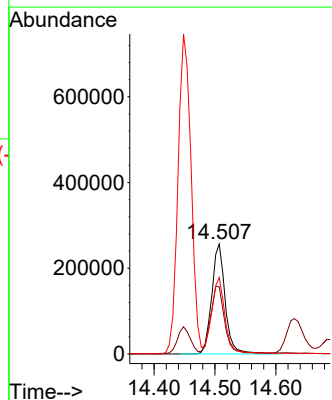
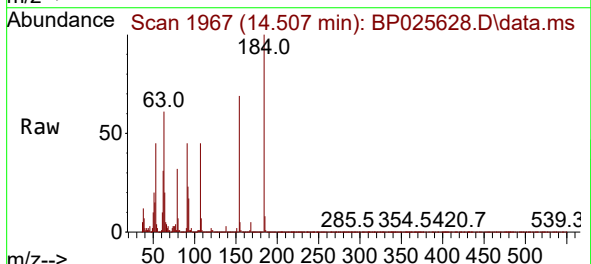
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

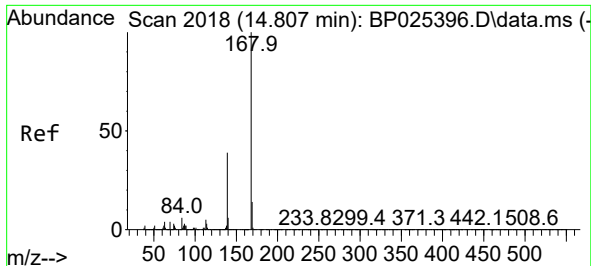
Tgt Ion:138 Resp: 210699
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 114.2 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 109.077 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:184 Resp: 397220
Ion Ratio Lower Upper
184 100
63 61.0 49.4 74.2
154 69.5 54.6 82.0

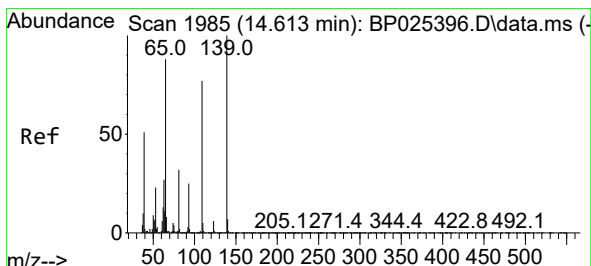
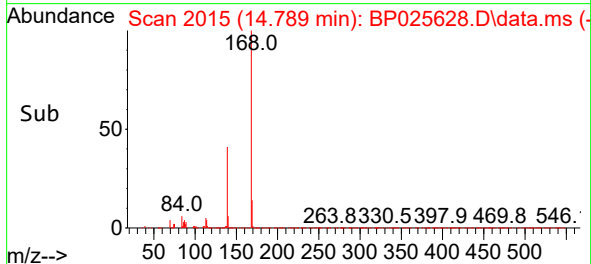
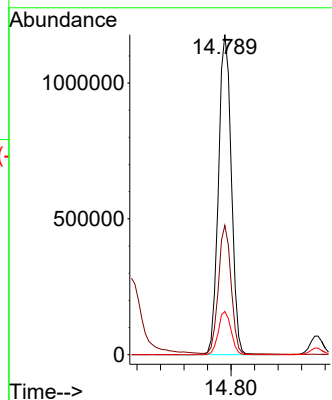
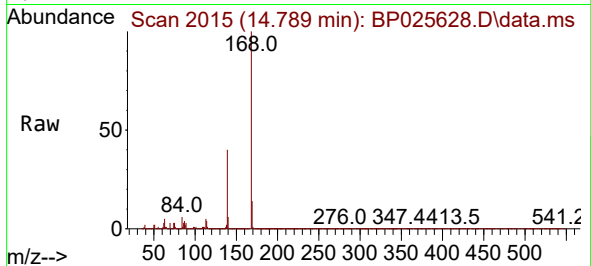




#55
Dibenzenofuran
Concen: 46.677 ng
RT: 14.789 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

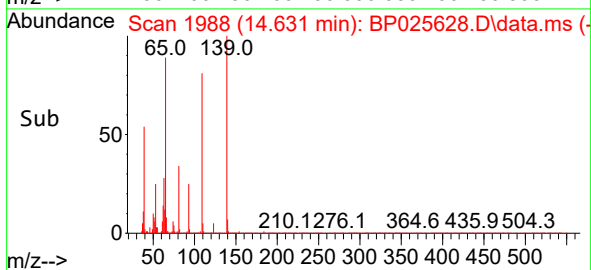
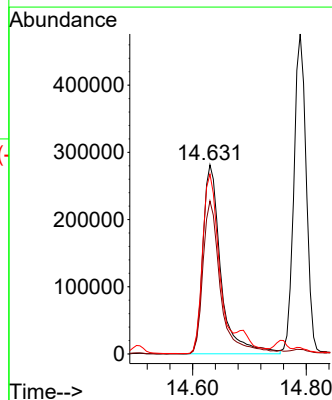
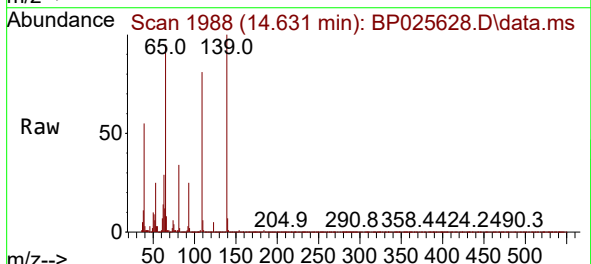
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

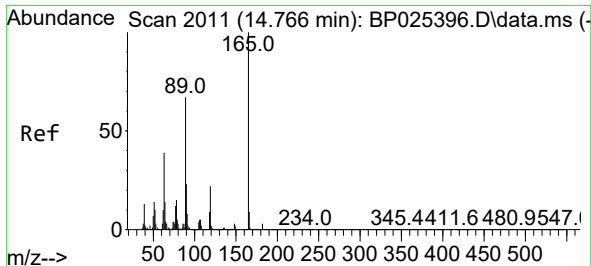
Tgt Ion:168 Resp: 1790490
Ion Ratio Lower Upper
168 100
139 40.4 31.5 47.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 97.656 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:139 Resp: 615679
Ion Ratio Lower Upper
139 100
109 80.9 56.6 96.6
65 95.1 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 51.518 ng

RT: 14.760 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

Tgt Ion:165 Resp: 501238

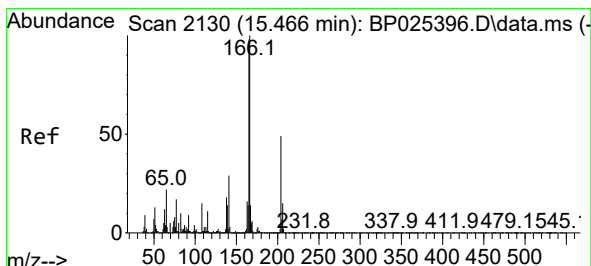
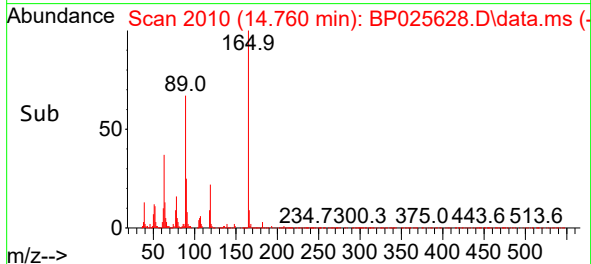
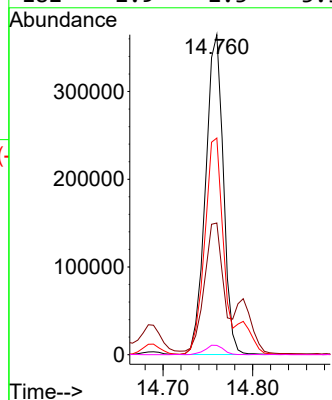
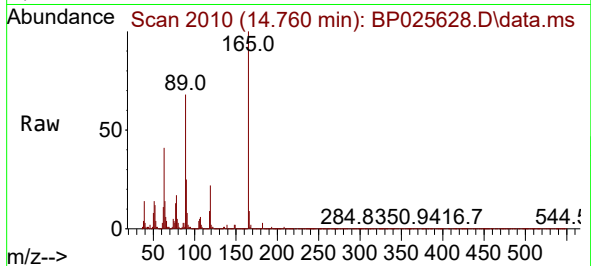
Ion Ratio Lower Upper

165 100

63 41.2 31.4 47.2

89 67.7 53.3 79.9

182 2.9 2.3 3.5



#58

Fluorene

Concen: 46.922 ng

RT: 15.448 min Scan# 2127

Delta R.T. -0.018 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

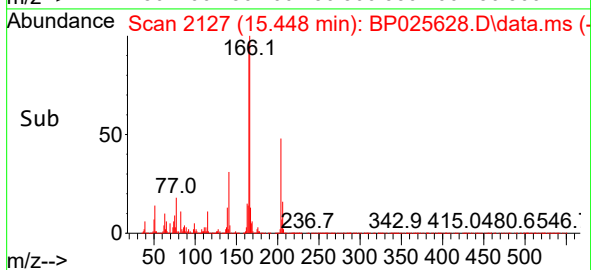
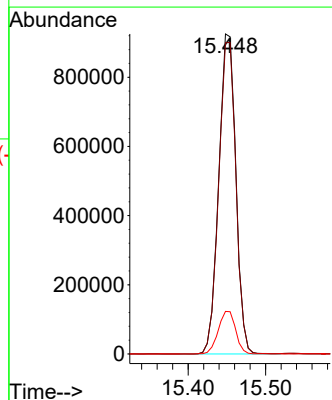
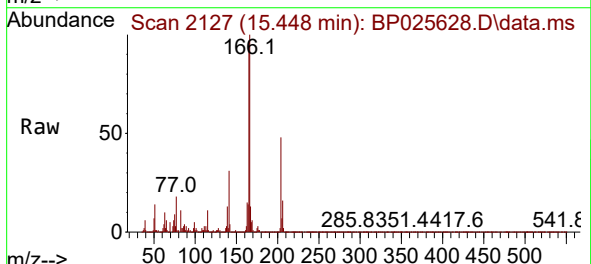
Tgt Ion:166 Resp: 1420215

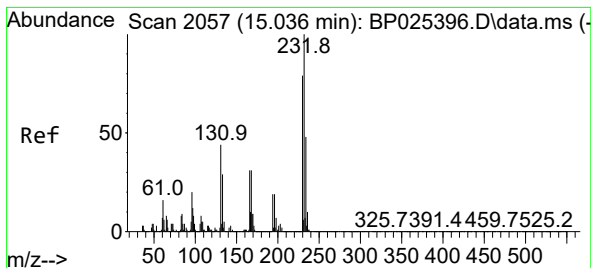
Ion Ratio Lower Upper

166 100

165 97.3 78.8 118.2

167 13.3 11.0 16.4

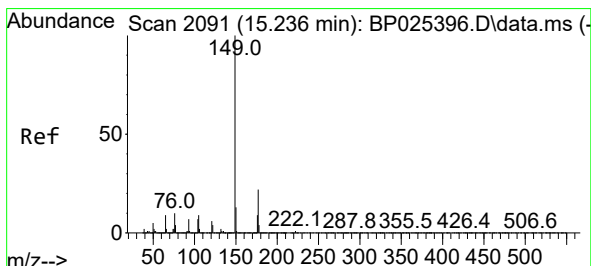
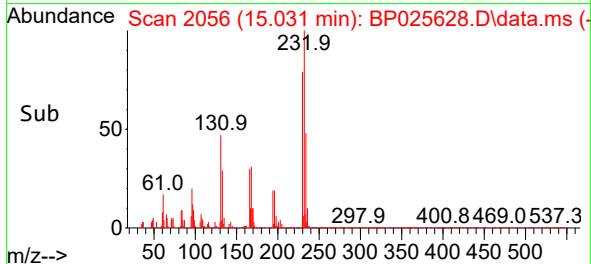
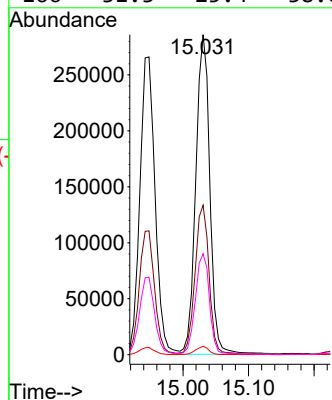
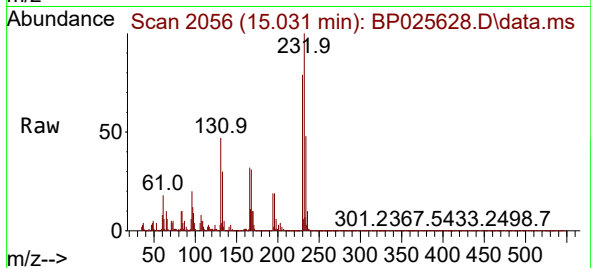




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.073 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

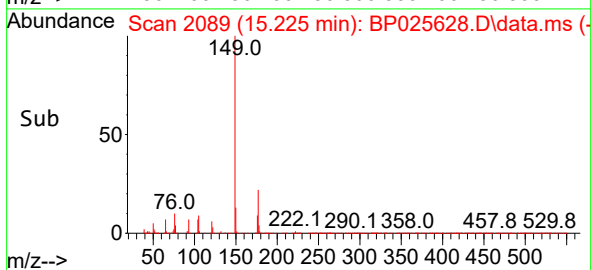
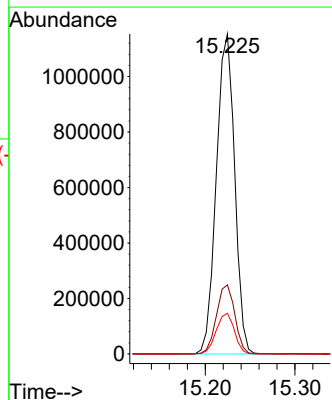
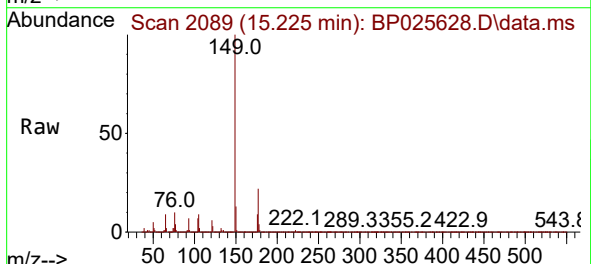
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

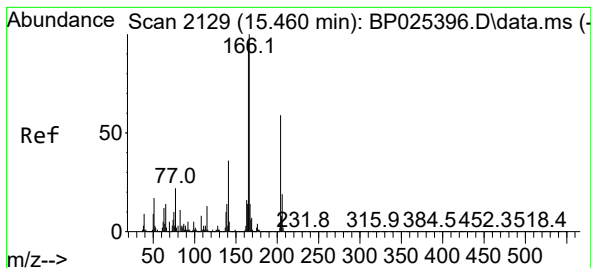
Tgt Ion:232 Resp: 425769
Ion Ratio Lower Upper
232 100
131 46.3 37.0 55.6
130 2.5 1.9 2.9
166 31.3 25.4 38.0



#60
Diethylphthalate
Concen: 49.731 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:149 Resp: 1634895
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.7 10.3 15.5

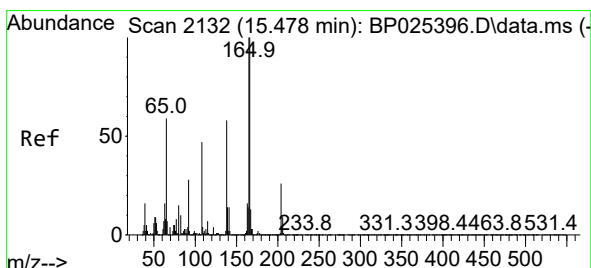
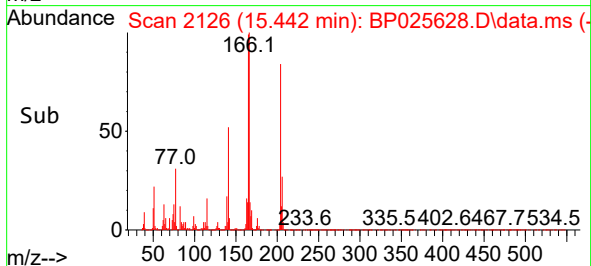
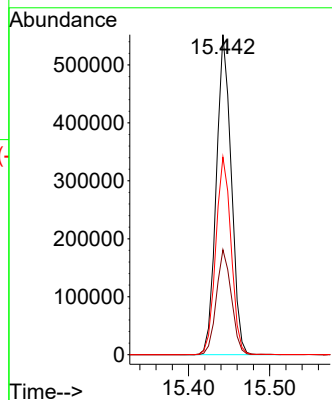
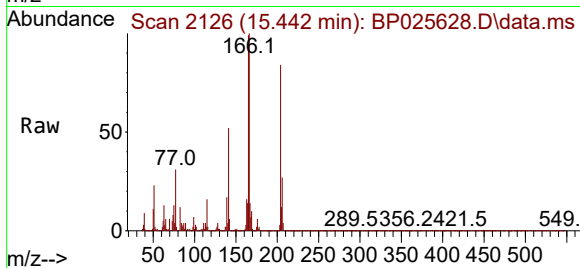




#61
4-Chlorophenyl-phenylether
Concen: 46.960 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

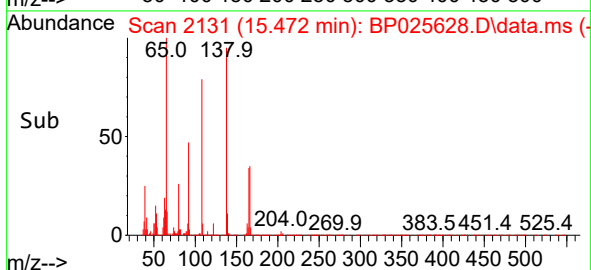
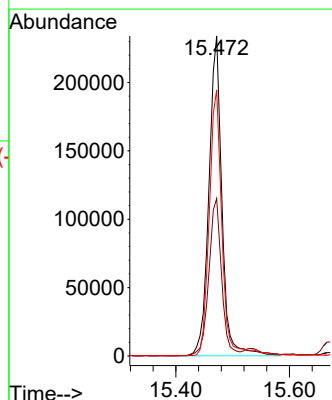
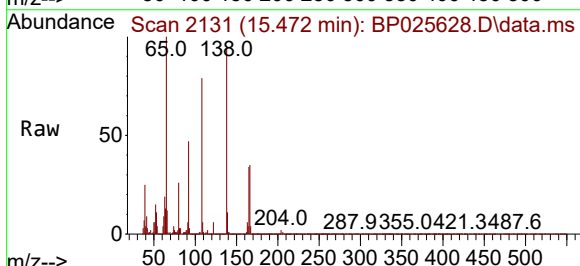
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

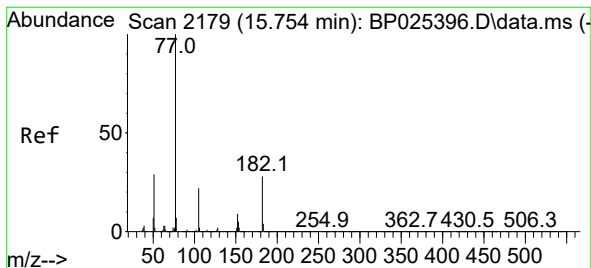
Tgt Ion:204 Resp: 706898
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 61.8 49.4 74.2



#62
4-Nitroaniline
Concen: 47.286 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:138 Resp: 371919
Ion Ratio Lower Upper
138 100
92 49.2 29.1 69.1
108 83.2 61.5 101.5





#63

Azobenzene

Concen: 55.995 ng

RT: 15.748 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

Tgt Ion: 77 Resp: 1576230

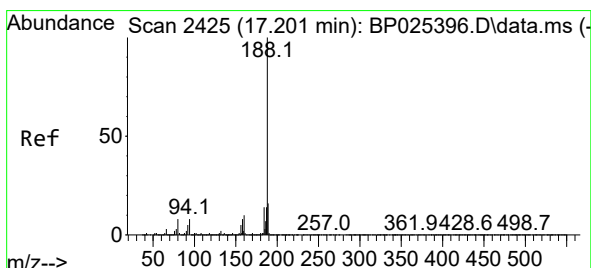
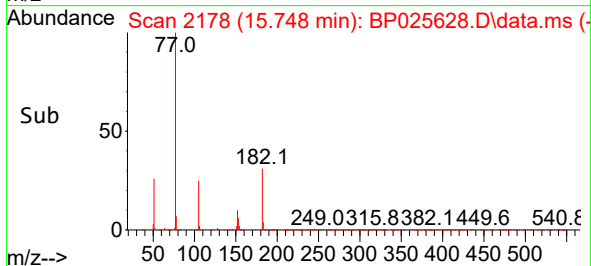
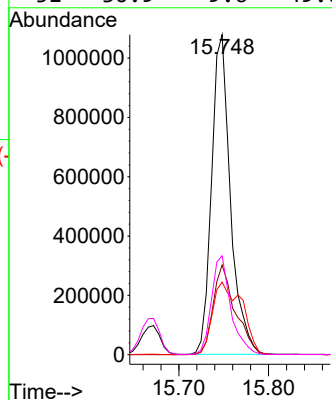
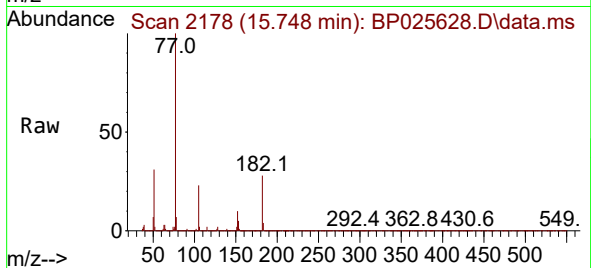
Ion Ratio Lower Upper

77 100

182 28.0 7.5 47.5

105 22.7 2.1 42.1

51 30.9 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

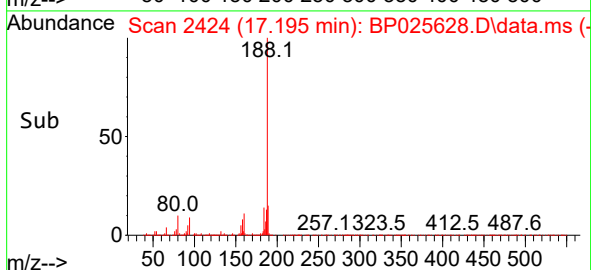
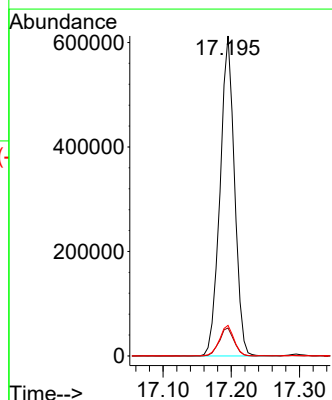
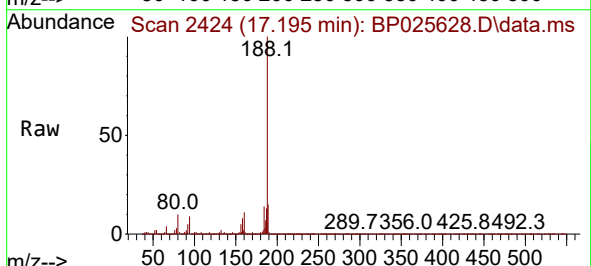
Tgt Ion:188 Resp: 905816

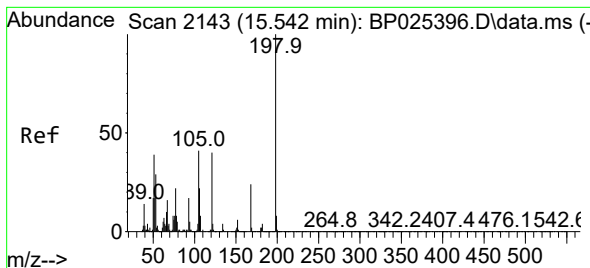
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.5 6.7 10.1

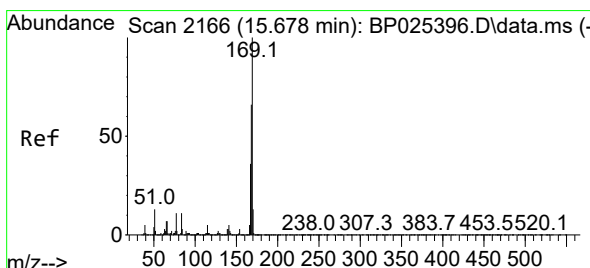
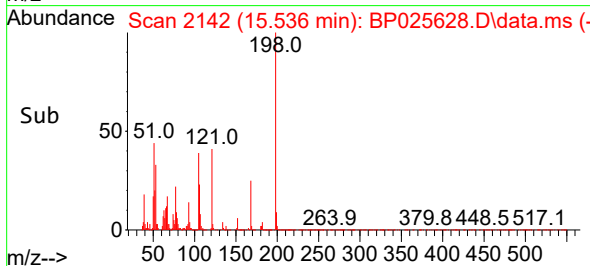
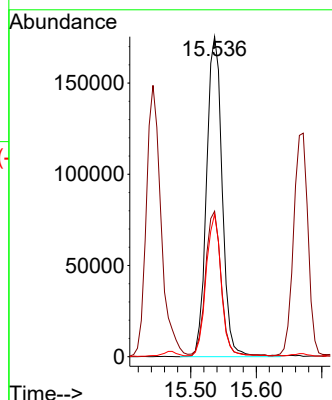
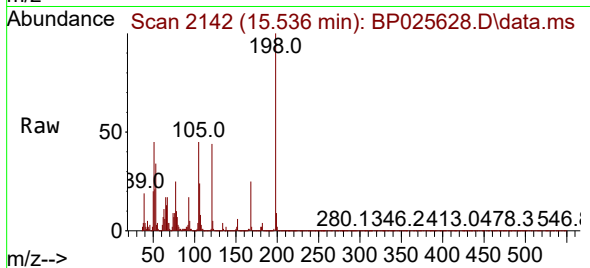




#65
4,6-Dinitro-2-methylphenol
Concen: 51.556 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

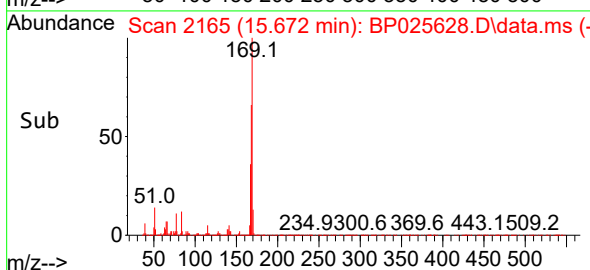
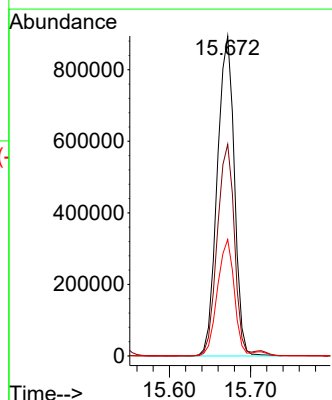
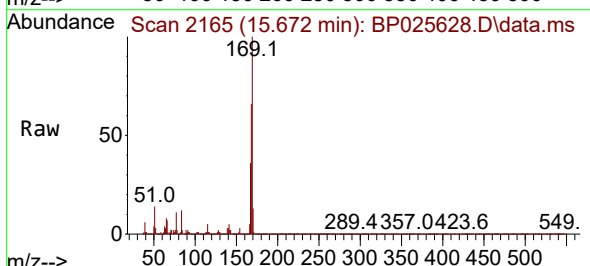
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

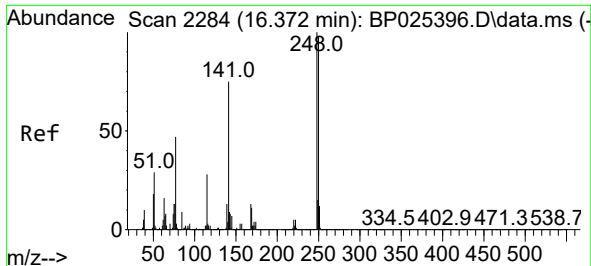
Tgt Ion:198 Resp: 291106
Ion Ratio Lower Upper
198 100
51 45.5 19.6 59.6
105 44.6 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 47.451 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:169 Resp: 1310691
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.4 28.7 43.1

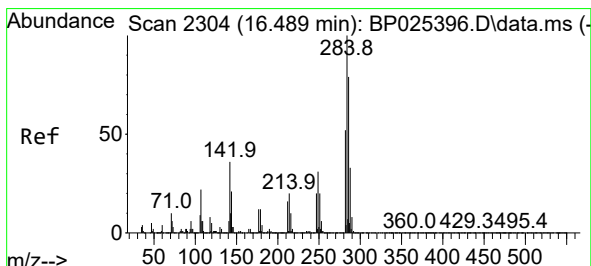
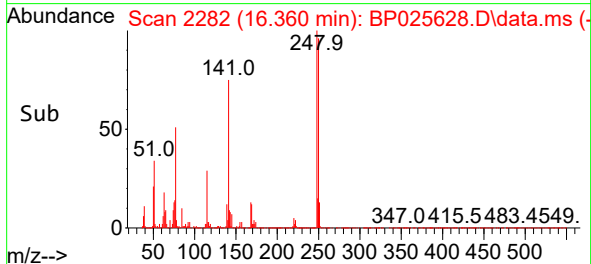
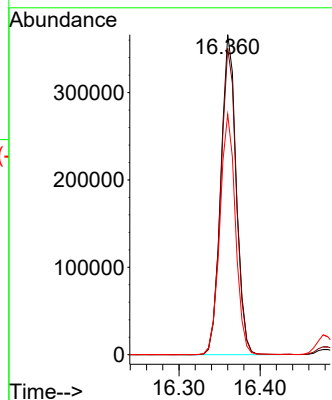
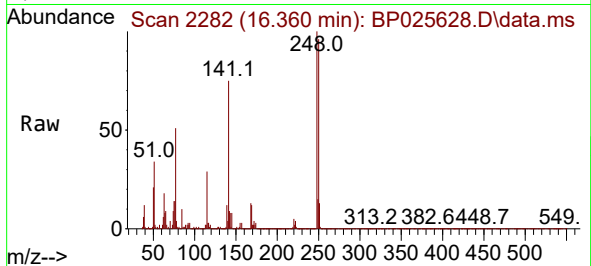




#67
4-Bromophenyl-phenylether
Concen: 48.804 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

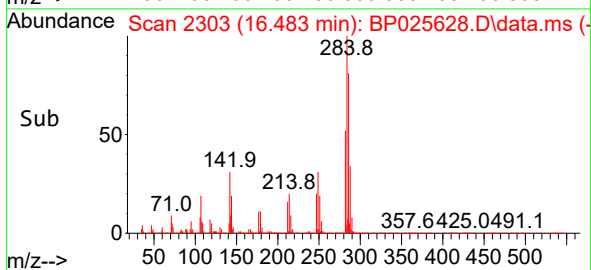
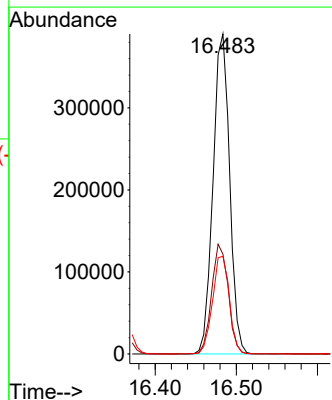
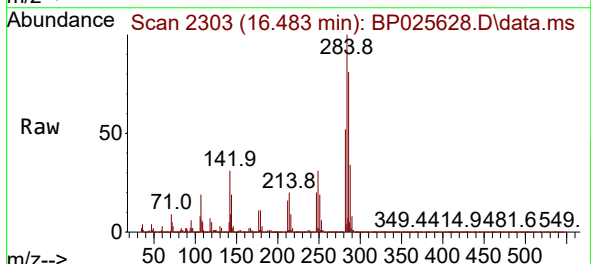
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

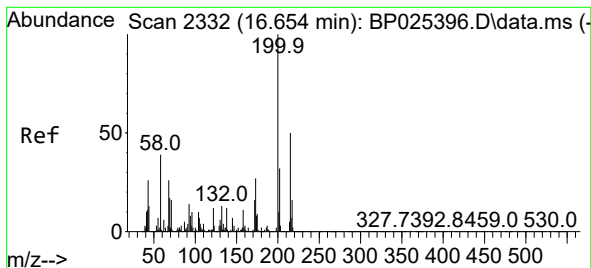
Tgt Ion:248 Resp: 486199
Ion Ratio Lower Upper
248 100
250 95.7 78.2 117.2
141 75.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 47.896 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:284 Resp: 553118
Ion Ratio Lower Upper
284 100
142 31.2 29.1 43.7
249 30.5 25.0 37.4





#69

Atrazine

Concen: 50.114 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

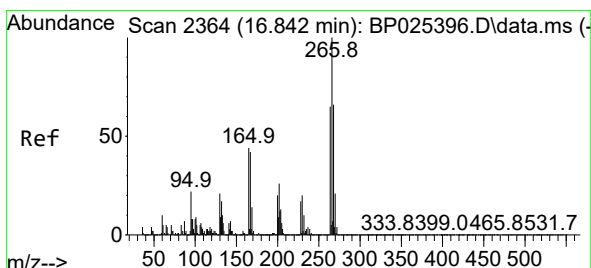
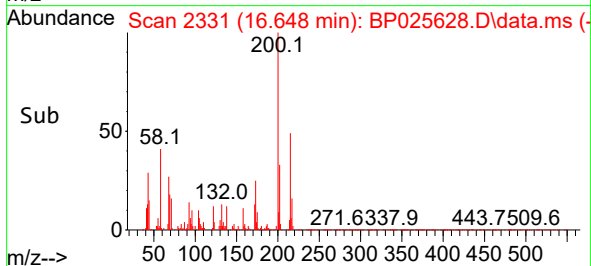
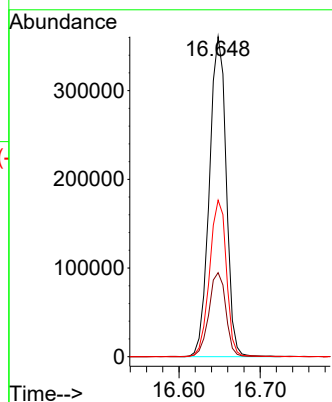
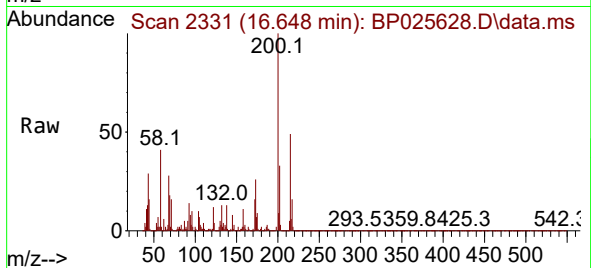
Tgt Ion:200 Resp: 518404

Ion Ratio Lower Upper

200 100

173 26.3 6.7 46.7

215 48.9 29.7 69.7



#70

Pentachlorophenol

Concen: 103.617 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

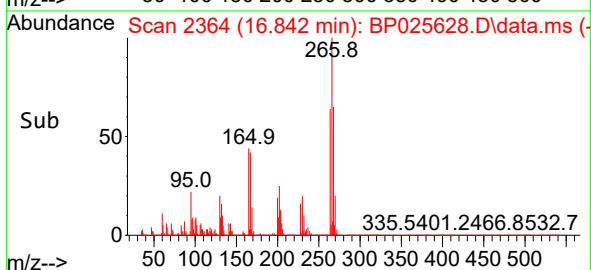
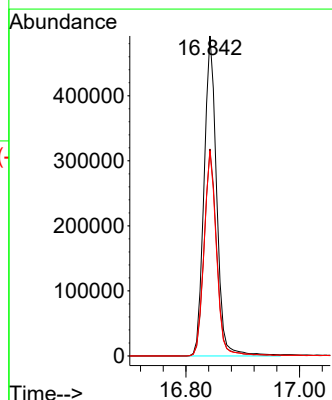
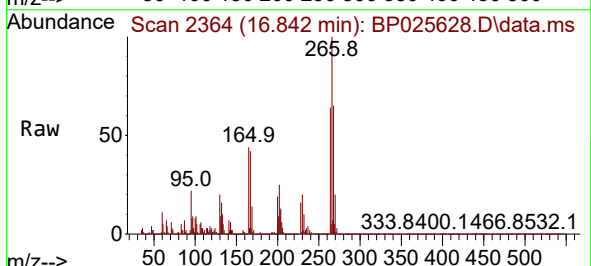
Tgt Ion:266 Resp: 755363

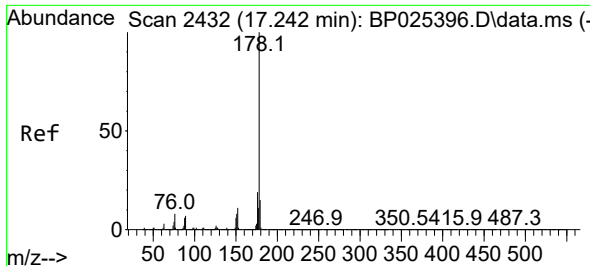
Ion Ratio Lower Upper

266 100

268 64.7 52.6 79.0

264 64.1 52.0 78.0

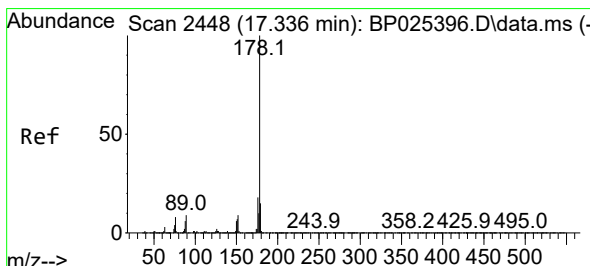
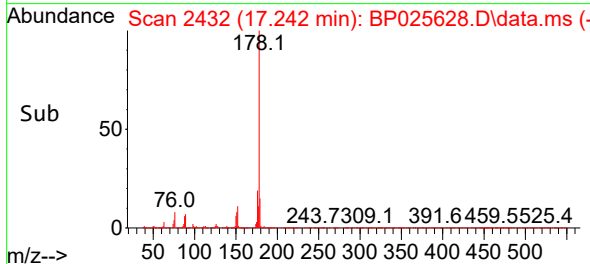
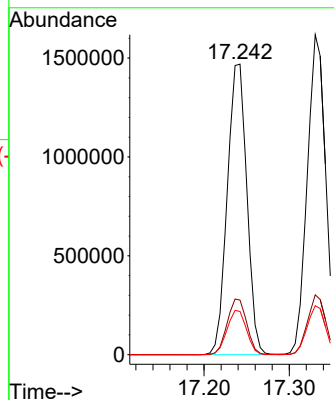
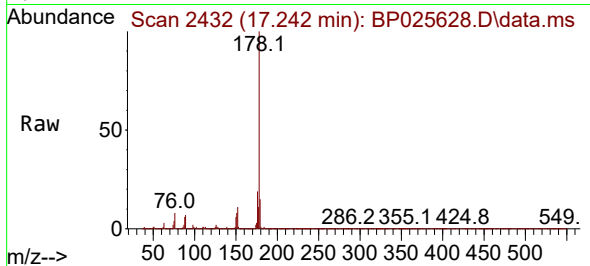




#71
Phenanthrene
Concen: 47.085 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

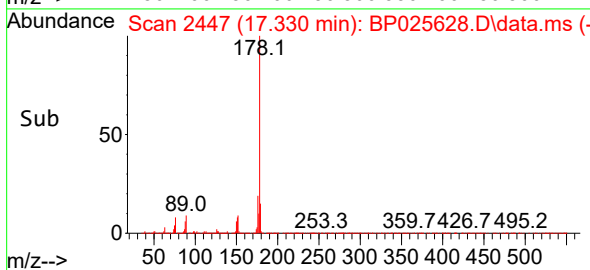
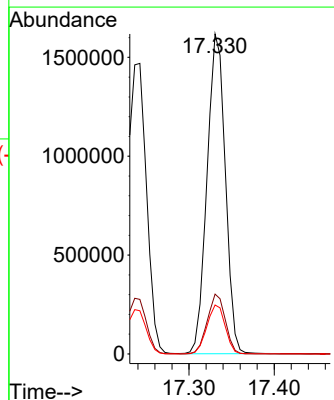
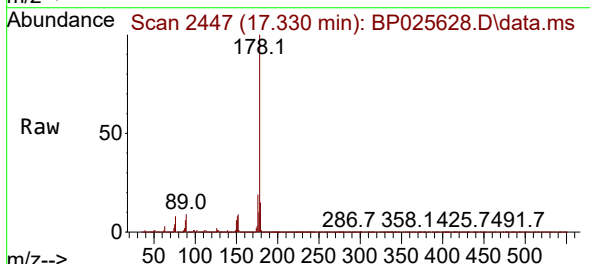
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

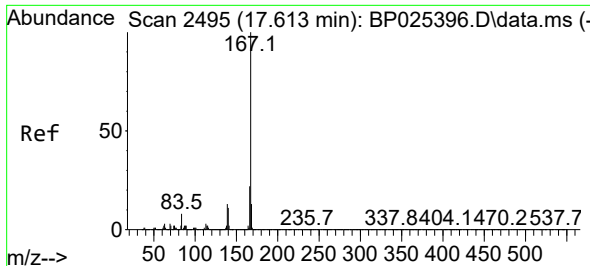
Tgt Ion:178 Resp: 2342945
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 47.547 ng
RT: 17.330 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:178 Resp: 2416099
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.3 12.2 18.2

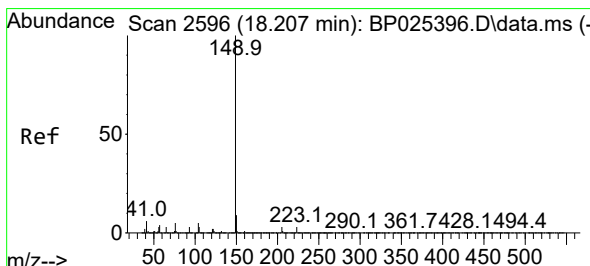
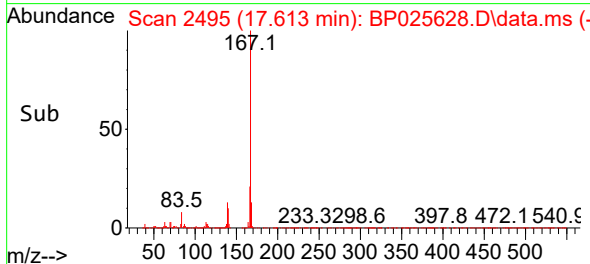
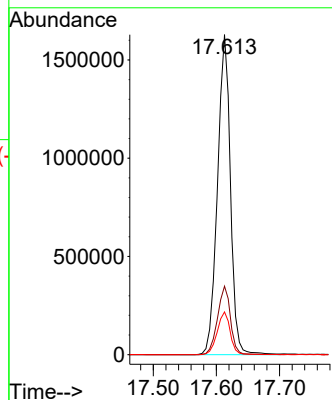
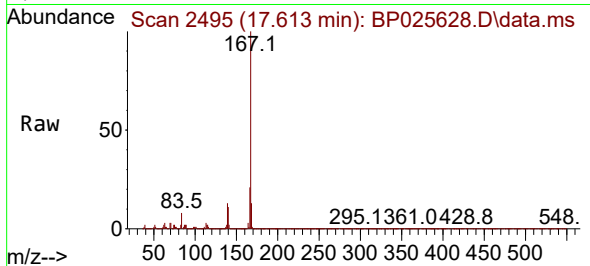




#73
 Carbazole
 Concen: 48.286 ng
 RT: 17.613 min Scan# 2495
 Delta R.T. 0.000 min
 Lab File: BP025628.D
 Acq: 29 Aug 2025 16:44

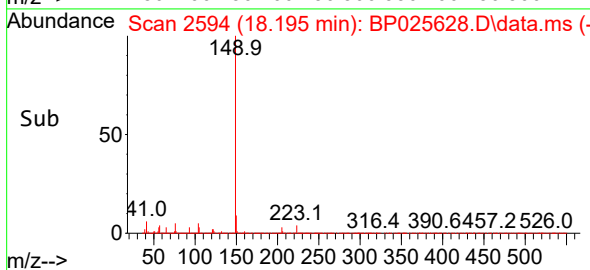
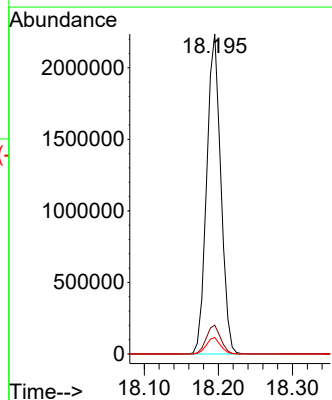
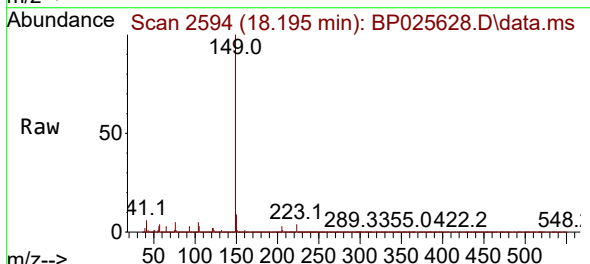
Instrument :
 BNA_P
 ClientSampleId :
 NORTH-TP-3MSD

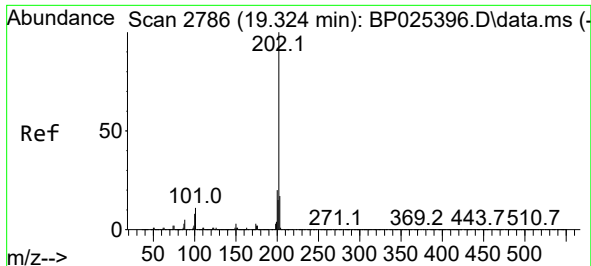
Tgt Ion:167 Resp: 2311087
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.236 ng
 RT: 18.195 min Scan# 2594
 Delta R.T. -0.012 min
 Lab File: BP025628.D
 Acq: 29 Aug 2025 16:44

Tgt Ion:149 Resp: 2958267
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.1 4.2 6.2

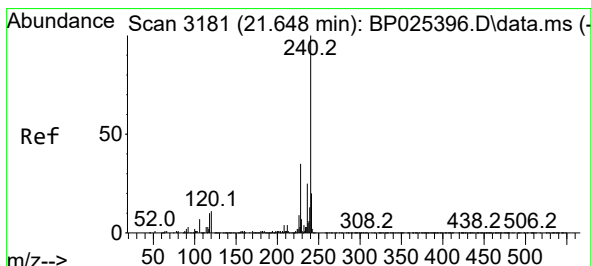
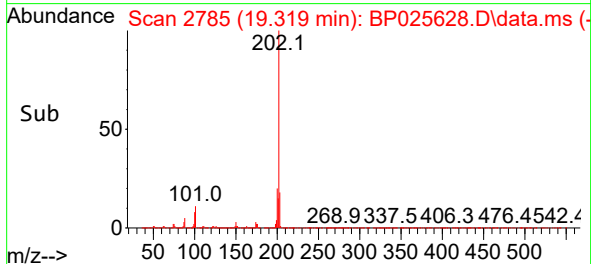
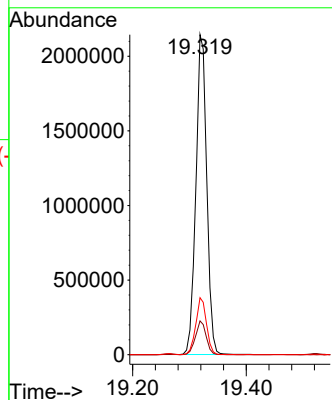
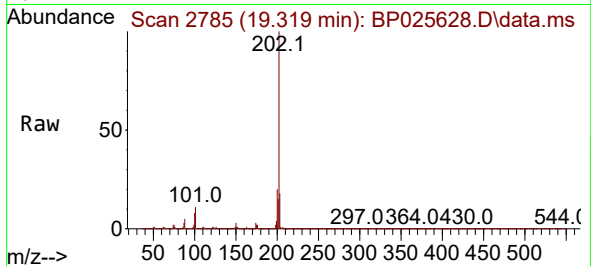




#75
Fluoranthene
Concen: 48.211 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

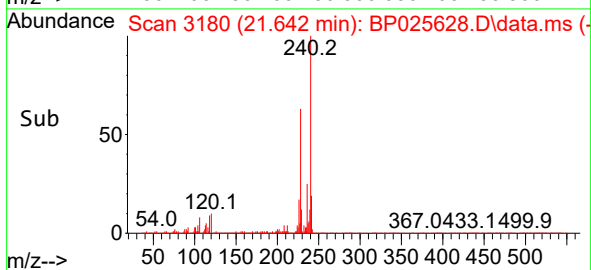
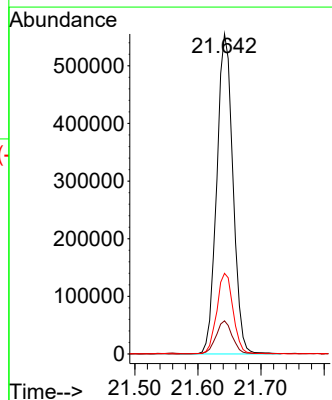
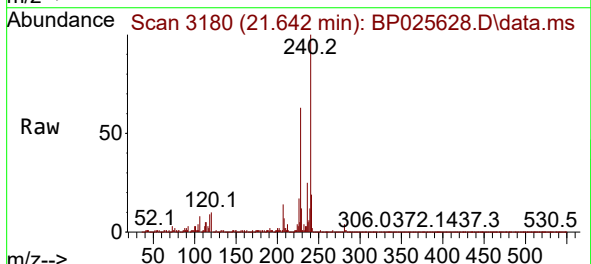
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

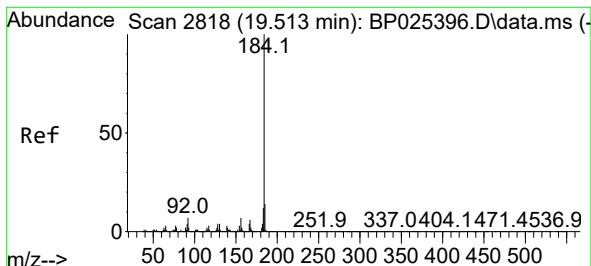
Tgt Ion:202 Resp: 2861546
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:240 Resp: 984910
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.2 19.8 29.8





#77

Benzidine

Concen: 43.091 ng

RT: 19.524 min Scan# 2818

Delta R.T. 0.012 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

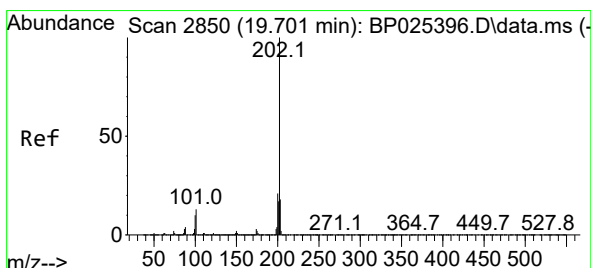
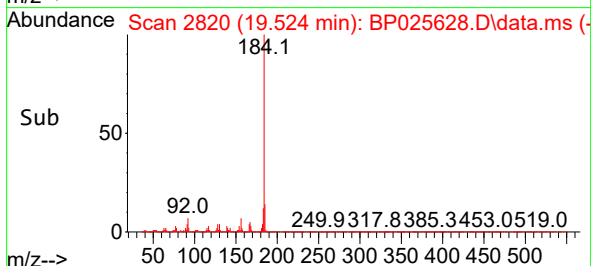
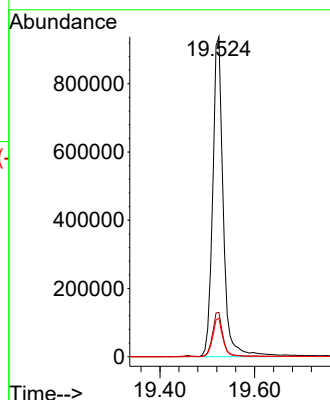
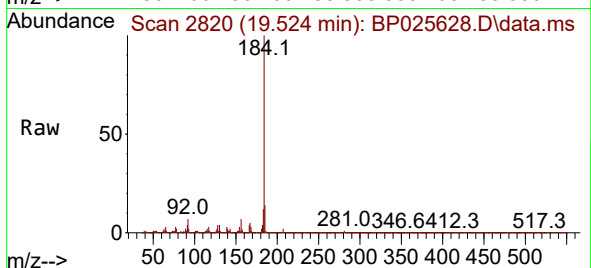
Tgt Ion:184 Resp: 1448430

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 12.0 9.4 14.2



#78

Pyrene

Concen: 45.944 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

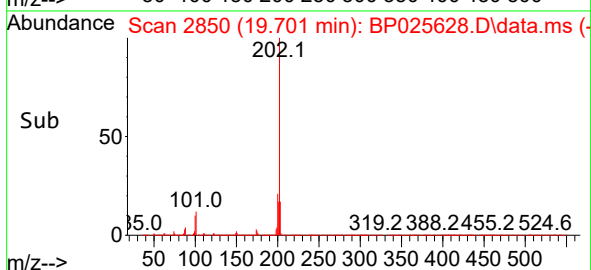
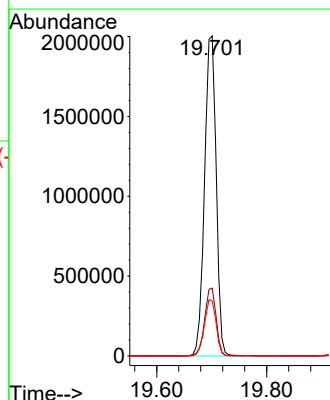
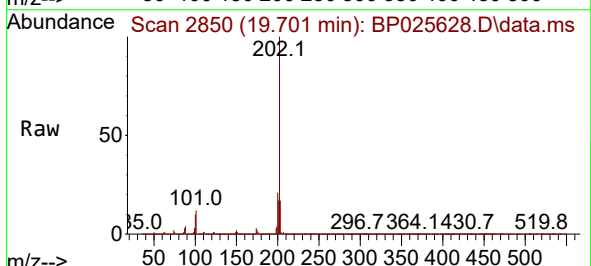
Tgt Ion:202 Resp: 2941134

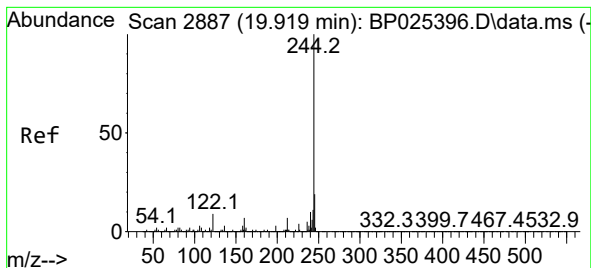
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 53.945 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

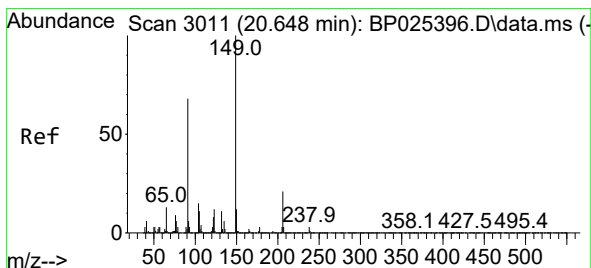
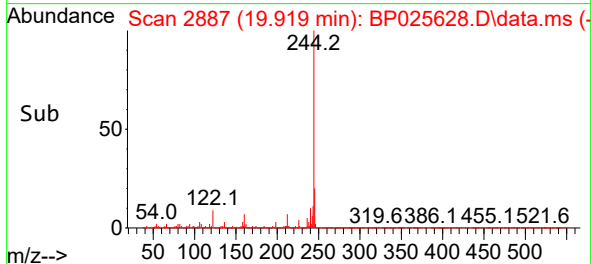
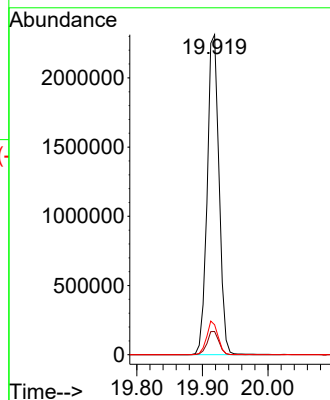
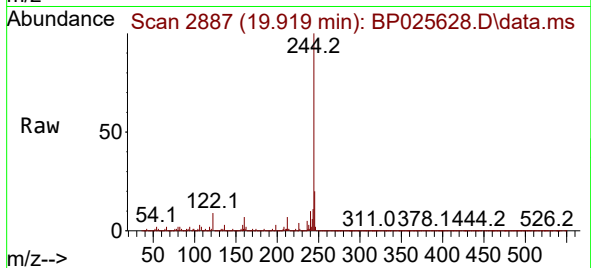
Tgt Ion:244 Resp: 2903999

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.4 7.4 11.2



#80

Butylbenzylphthalate

Concen: 50.620 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

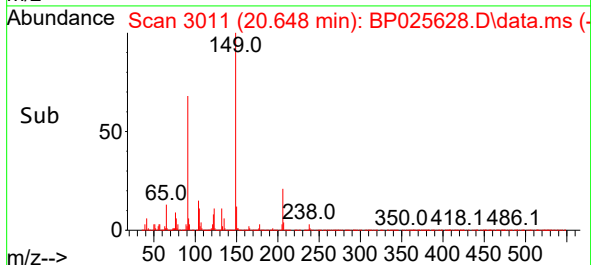
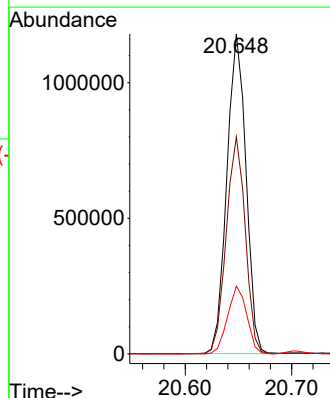
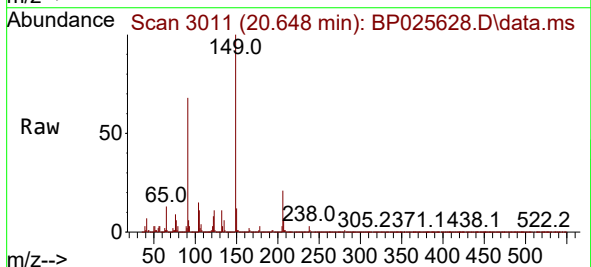
Tgt Ion:149 Resp: 1468634

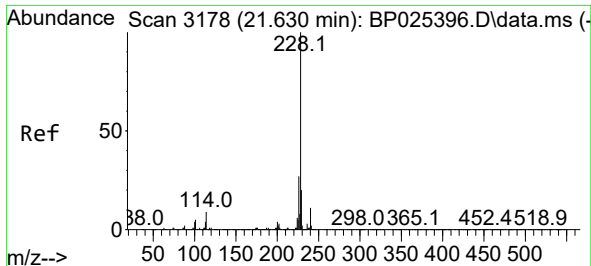
Ion Ratio Lower Upper

149 100

91 67.8 54.2 81.2

206 21.2 16.6 24.8

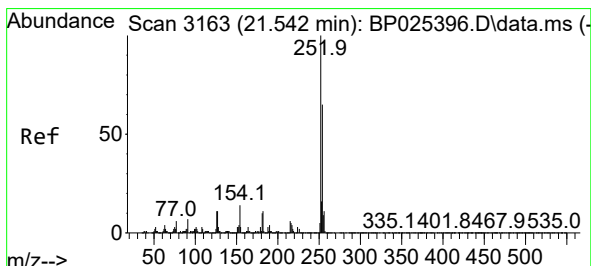
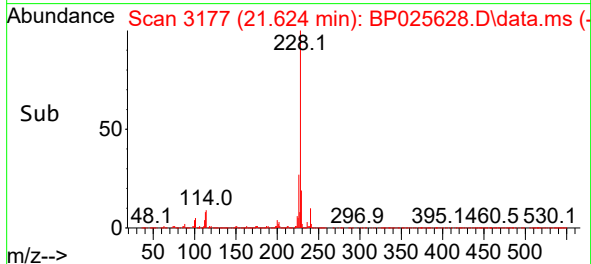
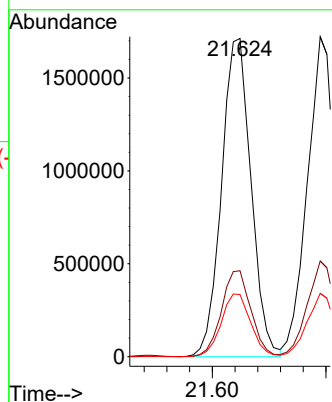
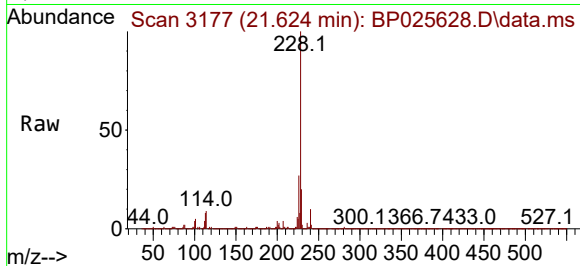




#81
Benzo(a)anthracene
Concen: 47.503 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

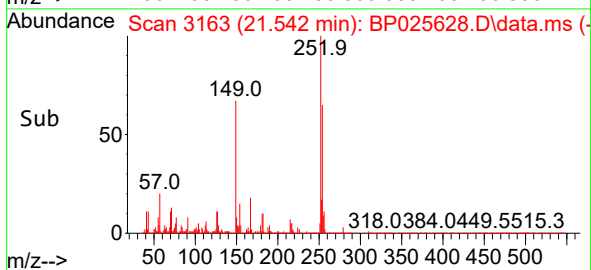
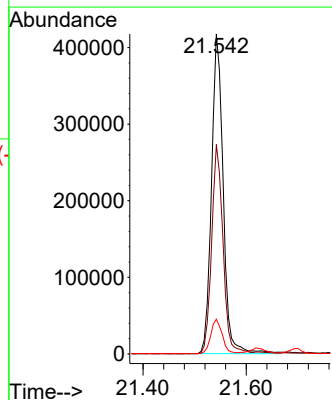
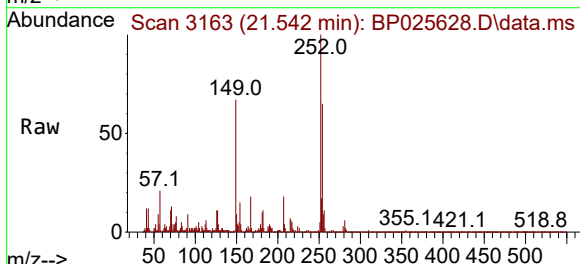
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

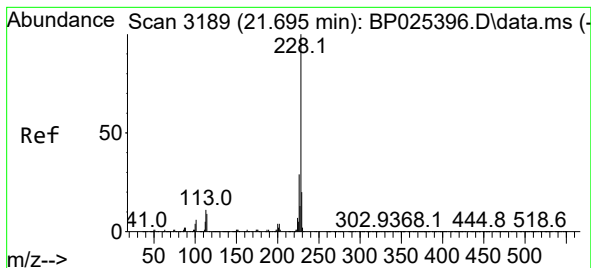
Tgt Ion:228 Resp: 3085545
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 26.836 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:252 Resp: 657026
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.6
126 10.8 9.1 13.7





#83

Chrysene

Concen: 47.155 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

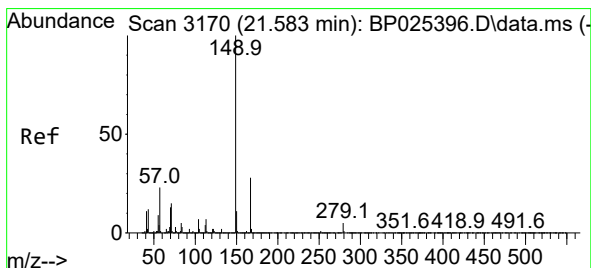
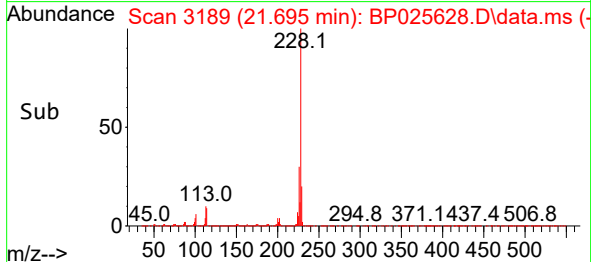
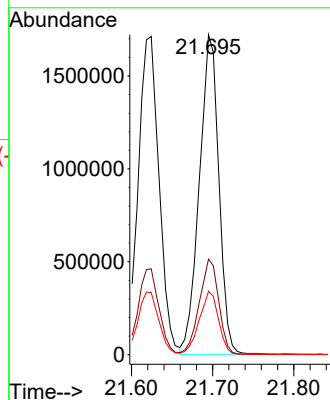
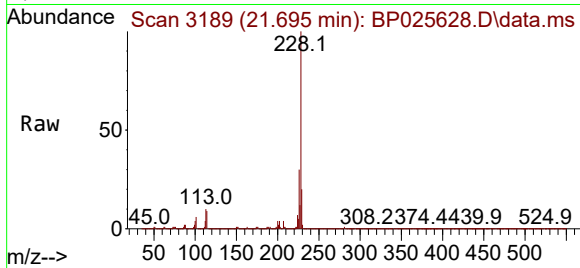
Tgt Ion:228 Resp: 2868461

Ion Ratio Lower Upper

228 100

226 29.9 23.2 34.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.654 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.024 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

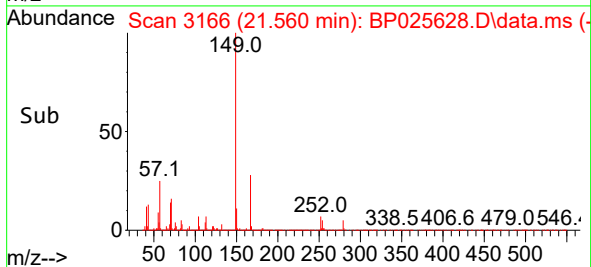
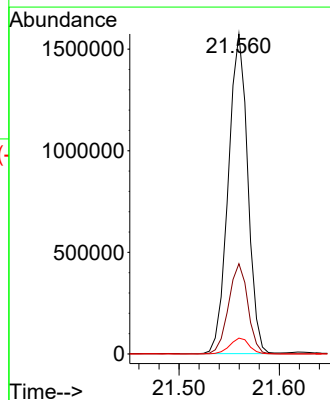
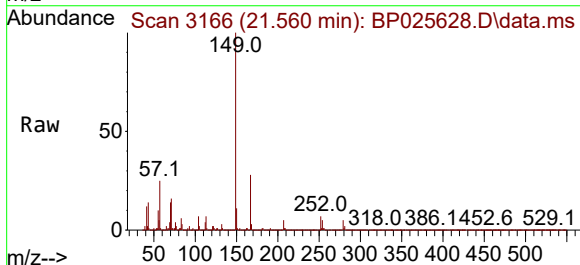
Tgt Ion:149 Resp: 2120632

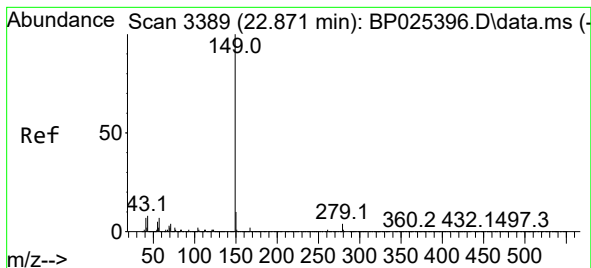
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.523 ng

RT: 22.848 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

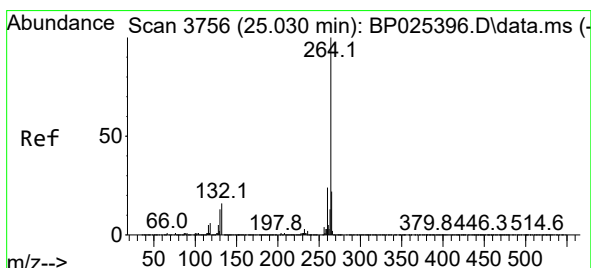
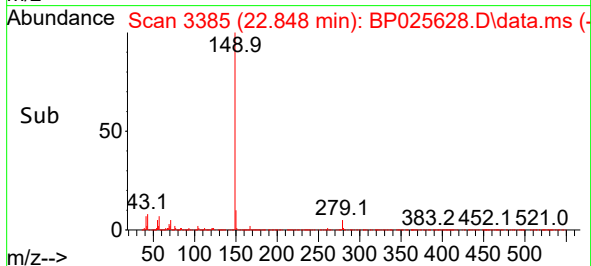
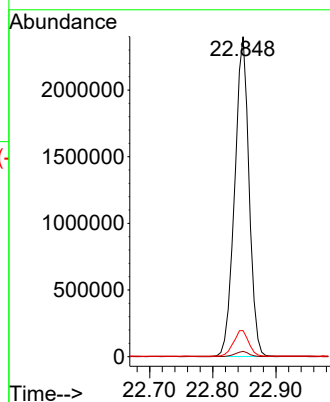
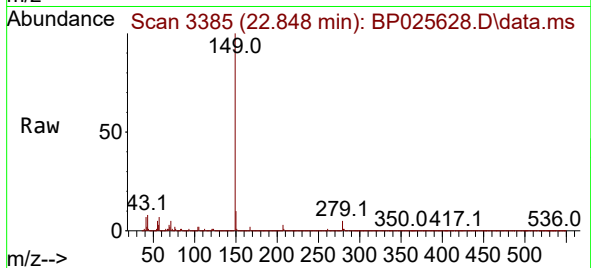
Tgt Ion:149 Resp: 3784892

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 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: BP025628.D

Acq: 29 Aug 2025 16:44

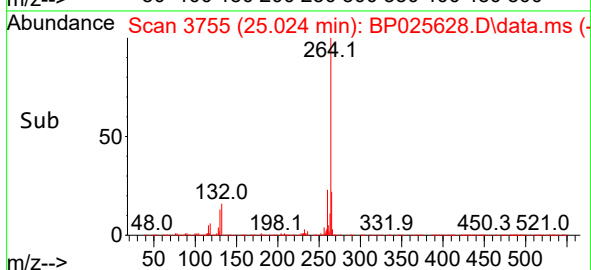
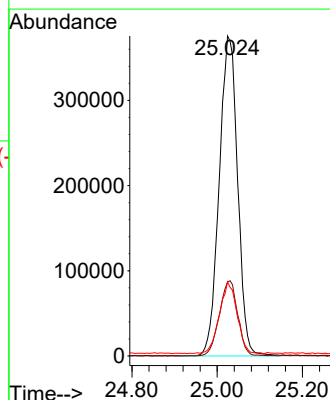
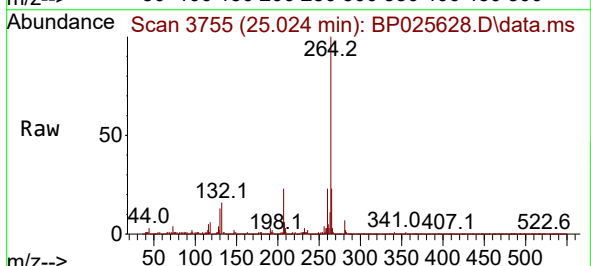
Tgt Ion:264 Resp: 1128431

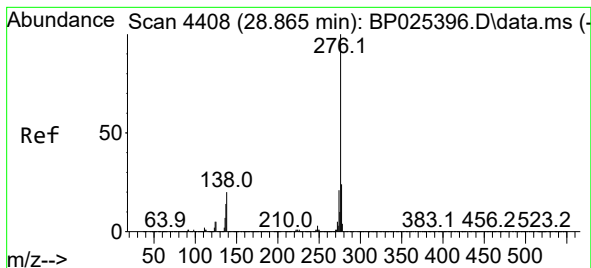
Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 23.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.624 ng

RT: 28.877 min Scan# 4408

Delta R.T. 0.012 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

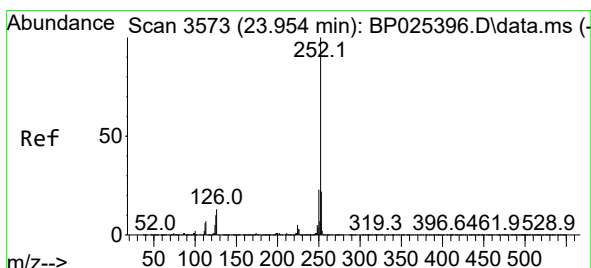
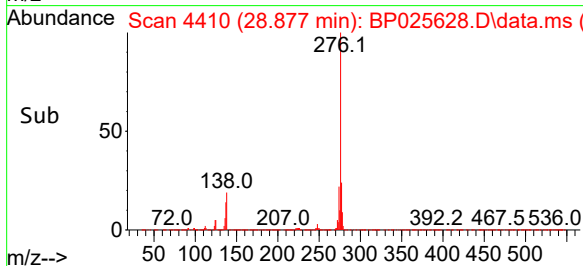
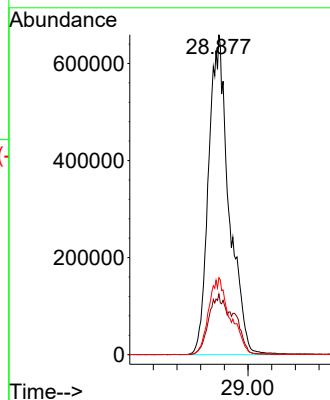
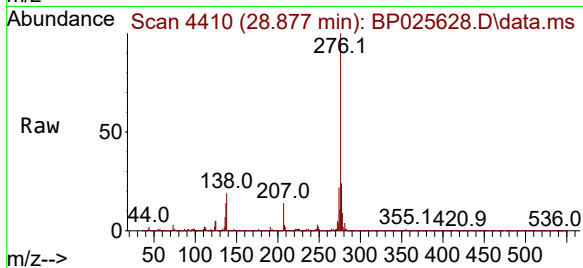
Tgt Ion:276 Resp: 3941119

Ion Ratio Lower Upper

276 100

138 17.4 12.9 19.3

277 25.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 47.968 ng

RT: 23.942 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

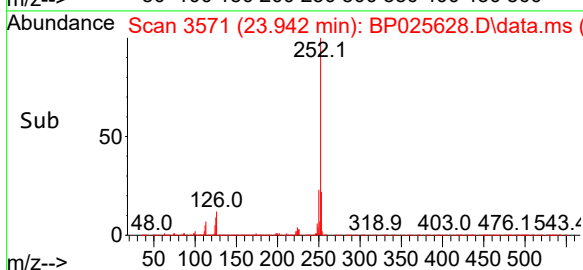
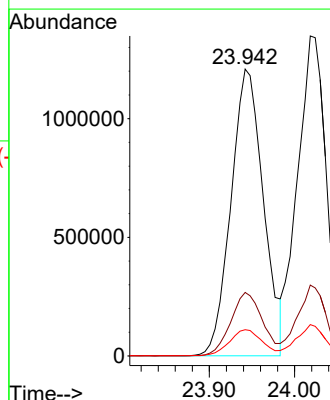
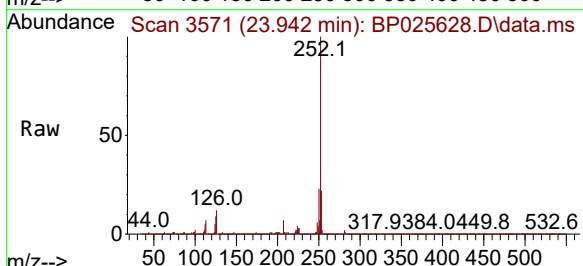
Tgt Ion:252 Resp: 3191797

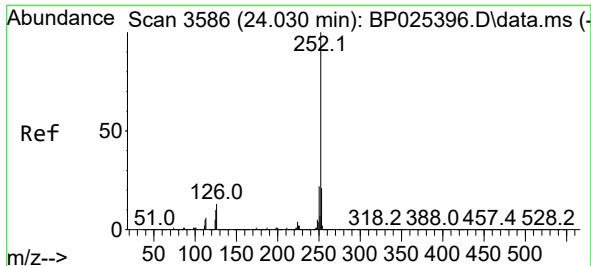
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.1 7.9 11.9

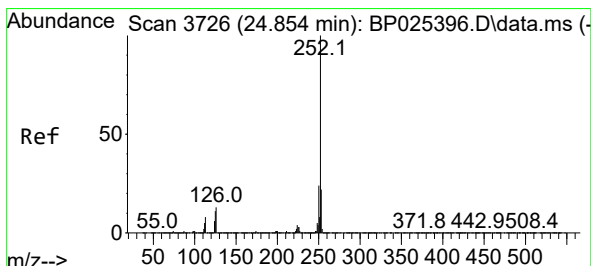
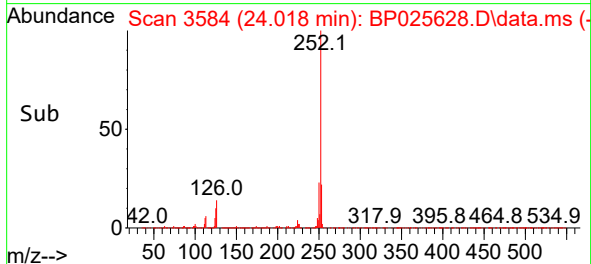
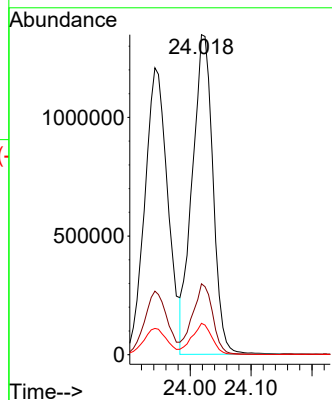
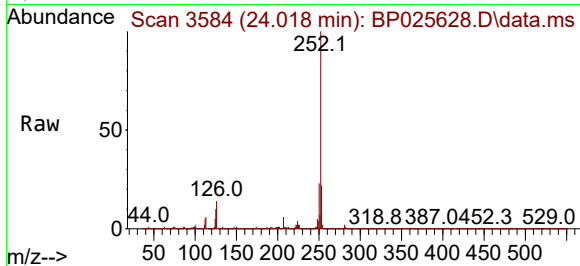




#89
Benzo(k)fluoranthene
Concen: 47.732 ng
RT: 24.018 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

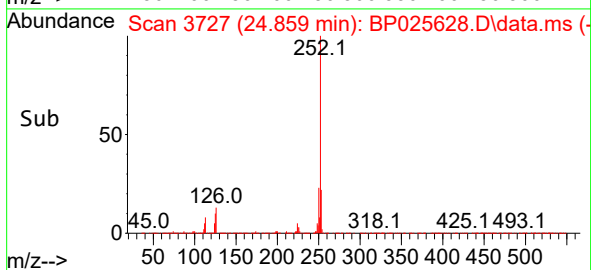
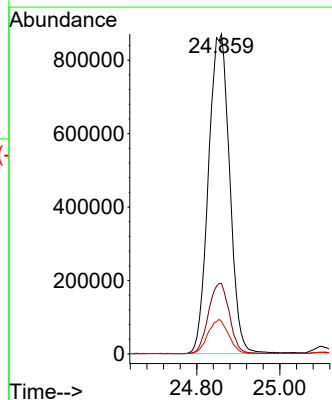
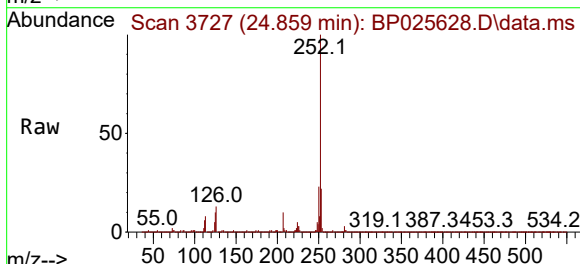
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

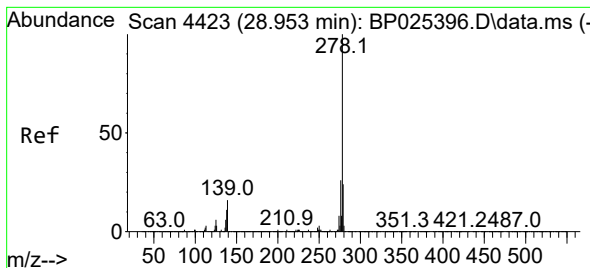
Tgt Ion:252 Resp: 3178238
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.8 7.8 11.6



#90
Benzo(a)pyrene
Concen: 47.523 ng
RT: 24.859 min Scan# 3727
Delta R.T. 0.006 min
Lab File: BP025628.D
Acq: 29 Aug 2025 16:44

Tgt Ion:252 Resp: 3078183
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 47.941 ng

RT: 28.953 min Scan# 4423

Delta R.T. 0.000 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MSD

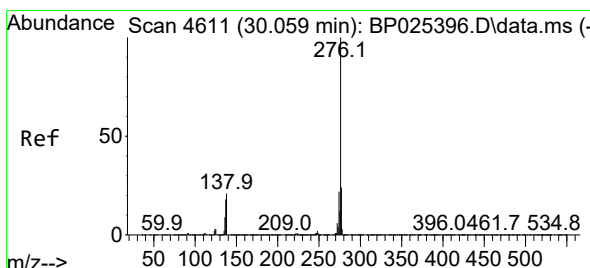
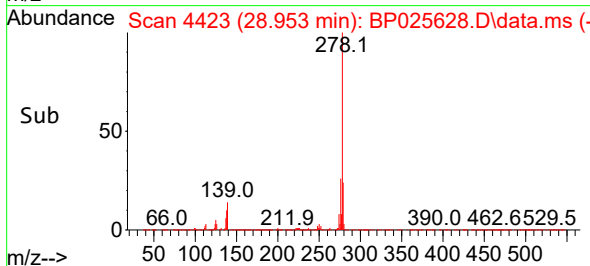
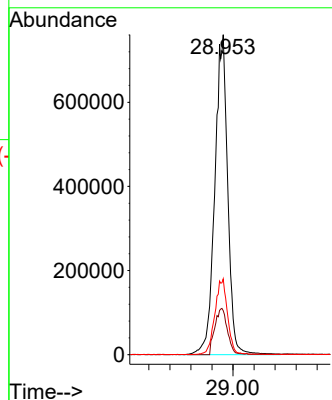
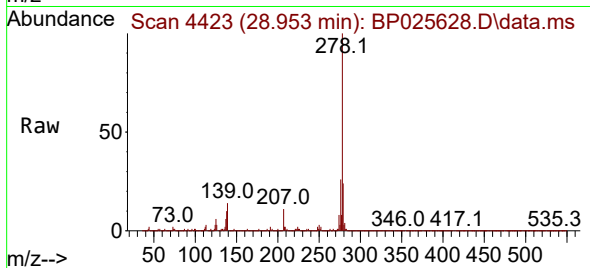
Tgt Ion:278 Resp: 3242138

Ion Ratio Lower Upper

278 100

139 13.8 13.0 19.4

279 23.7 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 47.536 ng

RT: 30.071 min Scan# 4613

Delta R.T. 0.012 min

Lab File: BP025628.D

Acq: 29 Aug 2025 16:44

Tgt Ion:276 Resp: 3160040

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 20.6 16.7 25.1

