

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025627.D
 Acq On : 29 Aug 2025 16:03
 Operator : CG/JU
 Sample : Q2986-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NORTH-TP-3MS

Quant Time: Aug 29 16:36:36 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	181929	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	716554	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	454059	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	923543	20.000	ng	0.00
76) Chrysene-d12	21.648	240	1014373	20.000	ng	0.00
86) Perylene-d12	25.013	264	1167534	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1017199	92.853	ng	0.00
7) Phenol-d6	6.966	99	1272927	90.631	ng	0.00
23) Nitrobenzene-d5	8.913	82	820292	57.909	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	584601	95.653	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	1717510	51.696	ng	-0.02
79) Terphenyl-d14	19.913	244	2963423	53.450	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	171291	39.918	ng	97
3) Pyridine	3.714	79	473568	40.321	ng	96
4) n-Nitrosodimethylamine	3.620	42	231945	47.902	ng	96
6) Aniline	7.108	93	480920	25.414	ng	98
8) 2-Chlorophenol	7.355	128	570588	46.156	ng	99
9) Benzaldehyde	6.925	77	245878	24.987	ng	94
10) Phenol	6.990	94	684361	46.436	ng	98
11) bis(2-Chloroethyl)ether	7.202	93	513230	44.679	ng	99
12) 1,3-Dichlorobenzene	7.666	146	606286	44.477	ng	99
13) 1,4-Dichlorobenzene	7.808	146	617594	44.327	ng	99
14) 1,2-Dichlorobenzene	8.125	146	598798	44.398	ng	99
15) Benzyl Alcohol	8.014	79	500838	44.879	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.296	45	699079	45.430	ng	99
17) 2-Methylphenol	8.219	107	467738	45.697	ng	99
18) Hexachloroethane	8.837	117	230152	44.927	ng	97
19) n-Nitroso-di-n-propyla...	8.566	70	389494	41.866	ng	98
20) 3+4-Methylphenols	8.543	107	622669	43.886	ng	96
22) Acetophenone	8.584	105	813212	45.255	ng	# 98
24) Nitrobenzene	8.955	77	589669	46.579	ng	97
25) Isophorone	9.478	82	1105125	44.084	ng	99
26) 2-Nitrophenol	9.660	139	310529	47.796	ng	98
27) 2,4-Dimethylphenol	9.725	122	520228	46.561	ng	99
28) bis(2-Chloroethoxy)met...	9.949	93	679590	44.847	ng	97
29) 2,4-Dichlorophenol	10.202	162	521123	46.952	ng	98
30) 1,2,4-Trichlorobenzene	10.402	180	548221	45.058	ng	98
31) Naphthalene	10.590	128	1661162	44.603	ng	100
32) Benzoic acid	9.890	122	412947	50.062	ng	98
33) 4-Chloroaniline	10.696	127	266434	16.195	ng	99
34) Hexachlorobutadiene	10.872	225	344280	45.436	ng	97
35) Caprolactam	11.490	113	185231	45.513	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	595213	46.735	ng	97
37) 2-Methylnaphthalene	12.196	142	1056504	43.591	ng	98
38) 1-Methylnaphthalene	12.419	142	1114138	43.226	ng	100
40) 1,2,4,5-Tetrachloroben...	12.566	216	603317	46.006	ng	99
41) Hexachlorocyclopentadiene	12.549	237	662939	83.692	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	427588	48.298	ng	99

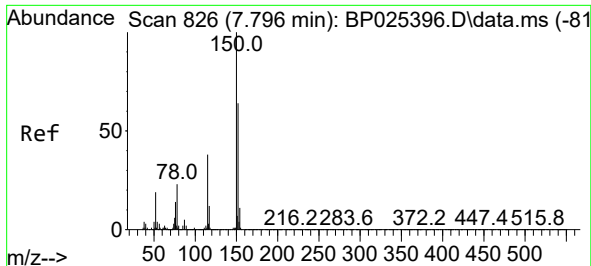
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 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	479807	49.450	ng	99
46) 1,1'-Biphenyl	13.207	154	1523973	46.214	ng	98
47) 2-Chloronaphthalene	13.249	162	1179469	45.944	ng	99
48) 2-Nitroaniline	13.454	65	374389	50.051	ng	100
49) Acenaphthylene	14.107	152	1972243	46.428	ng	99
50) Dimethylphthalate	13.843	163	1520068	45.716	ng	100
51) 2,6-Dinitrotoluene	13.954	165	338405	48.287	ng	94
52) Acenaphthene	14.454	154	1118956	44.876	ng	100
53) 3-Nitroaniline	14.290	138	196614	24.936	ng	99
54) 2,4-Dinitrophenol	14.507	184	409774	109.490	ng	98
55) Dibenzofuran	14.796	168	1793894	45.505	ng	99
56) 4-Nitrophenol	14.631	139	619871	95.670	ng	98
57) 2,4-Dinitrotoluene	14.760	165	503227	50.328	ng	98
58) Fluorene	15.454	166	1443560	46.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	421336	49.179	ng	99
60) Diethylphthalate	15.231	149	1591585	47.108	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	725104	46.870	ng	98
62) 4-Nitroaniline	15.478	138	370448	45.828	ng	98
63) Azobenzene	15.748	77	1566353	54.144	ng	98
65) 4,6-Dinitro-2-methylph...	15.543	198	290987	50.546	ng	92
66) n-Nitrosodiphenylamine	15.666	169	1300935	46.194	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	471538	46.424	ng	99
68) Hexachlorobenzene	16.490	284	544911	46.279	ng	98
69) Atrazine	16.648	200	495221	46.954	ng	99
70) Pentachlorophenol	16.848	266	755317	101.622	ng	98
71) Phenanthrene	17.242	178	2307702	45.487	ng	99
72) Anthracene	17.337	178	2420914	46.728	ng	100
73) Carbazole	17.619	167	2340208	47.956	ng	99
74) Di-n-butylphthalate	18.207	149	2922520	48.677	ng	99
75) Fluoranthene	19.331	202	2864338	47.332	ng	99
77) Benzidine	19.513	184	1428879	41.275	ng	99
78) Pyrene	19.707	202	2944800	44.665	ng	100
80) Butylbenzylphthalate	20.642	149	1446936	48.424	ng	98
81) Benzo(a)anthracene	21.630	228	3084108	46.101	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	638325	25.315	ng	99
83) Chrysene	21.695	228	2894243	46.197	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	2101549	47.778	ng	99
85) Di-n-octyl phthalate	22.836	149	3735372	49.372	ng	98
87) Indeno(1,2,3-cd)pyrene	28.865	276	3971348	46.382	ng	94
88) Benzo(b)fluoranthene	23.948	252	3241476	47.083	ng	99
89) Benzo(k)fluoranthene	24.024	252	3180886	46.171	ng	100
90) Benzo(a)pyrene	24.860	252	3119532	46.549	ng	99
91) Dibenzo(a,h)anthracene	28.954	278	3254902	46.518	ng	97
92) Benzo(g,h,i)perylene	30.071	276	3197569	46.490	ng	98

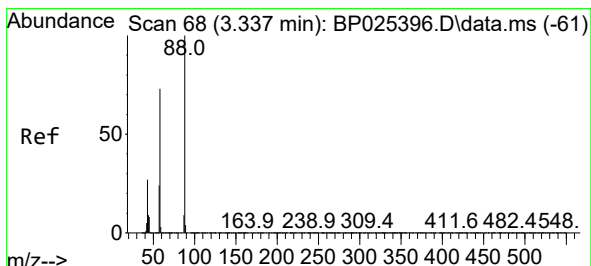
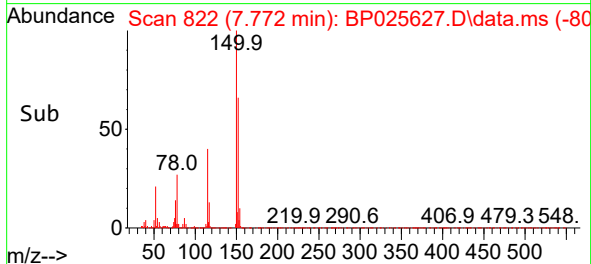
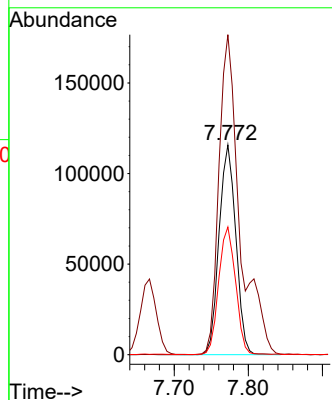
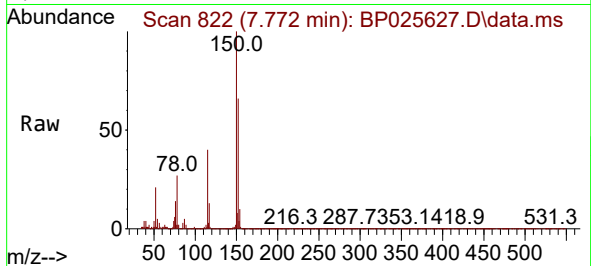
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025627.D
 Acq: 29 Aug 2025 16:03

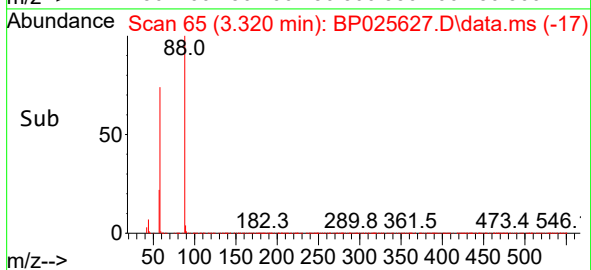
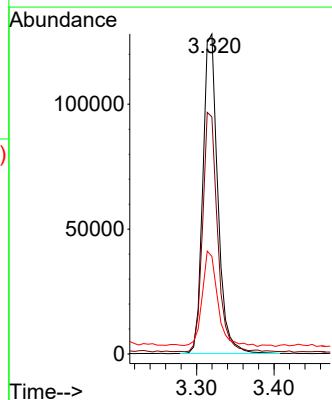
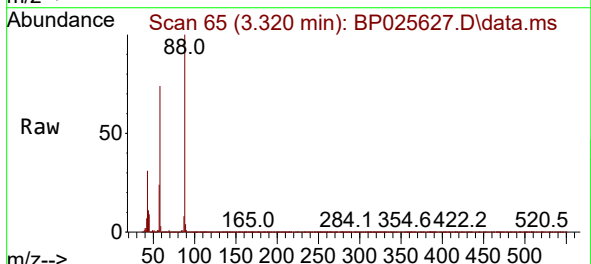
Instrument :
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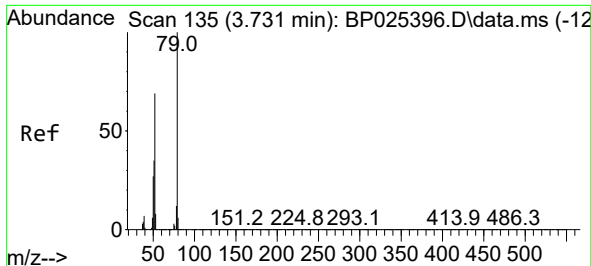
Tgt Ion:152 Resp: 181929
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.9 188.9
 115 60.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.918 ng
 RT: 3.320 min Scan# 65
 Delta R.T. -0.017 min
 Lab File: BP025627.D
 Acq: 29 Aug 2025 16:03

Tgt Ion: 88 Resp: 171291
 Ion Ratio Lower Upper
 88 100
 58 74.7 59.2 88.8
 43 31.1 21.7 32.5

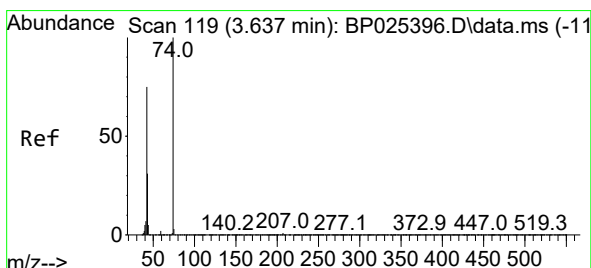
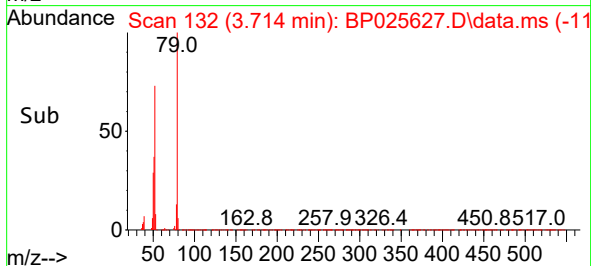
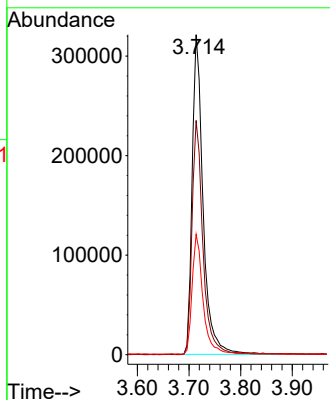
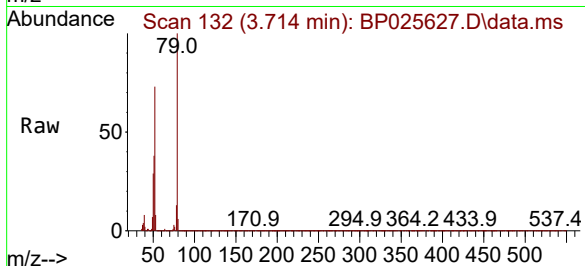




#3
Pyridine
Concen: 40.321 ng
RT: 3.714 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

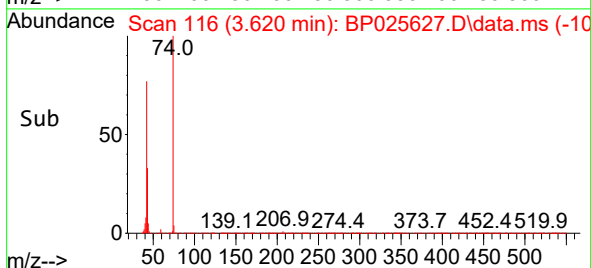
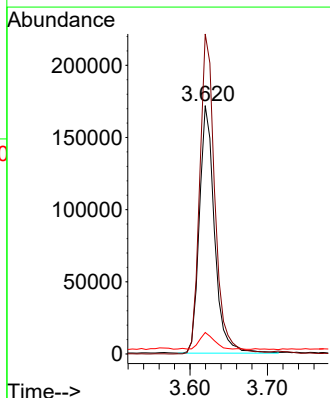
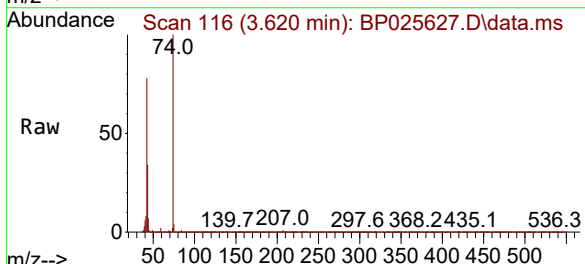
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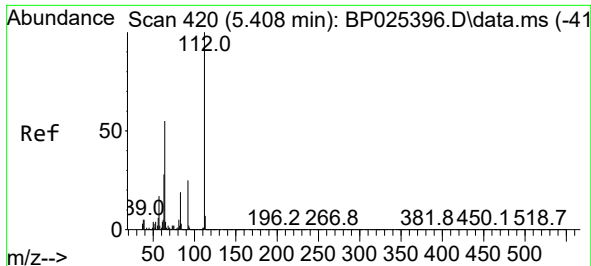
Tgt Ion: 79 Resp: 473568
Ion Ratio Lower Upper
79 100
52 73.2 55.5 83.3
51 37.6 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 47.902 ng
RT: 3.620 min Scan# 116
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion: 42 Resp: 231945
Ion Ratio Lower Upper
42 100
74 128.9 107.0 160.4
44 8.7 6.2 9.4

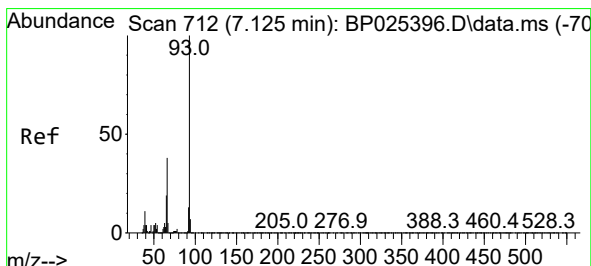
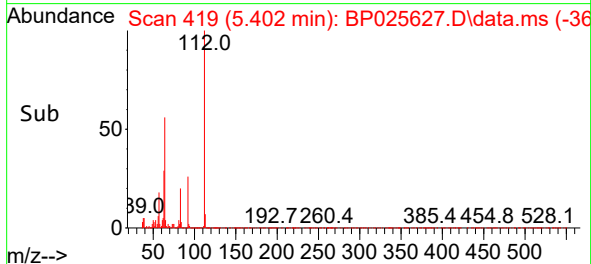
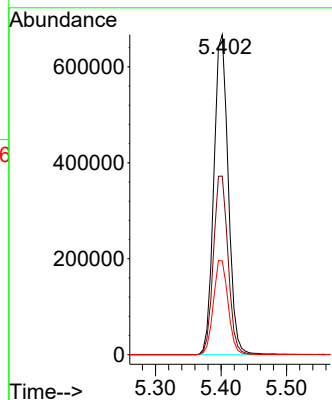
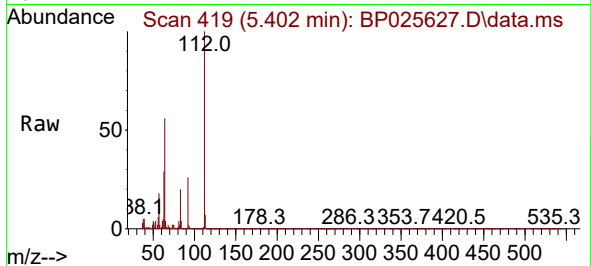




#5
2-Fluorophenol
Concen: 92.853 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

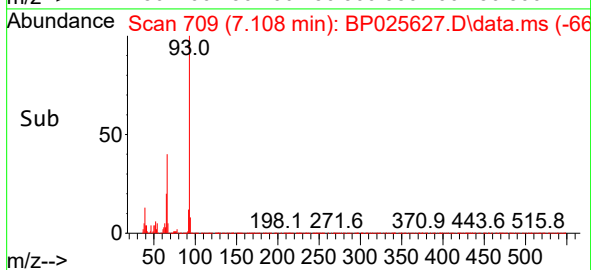
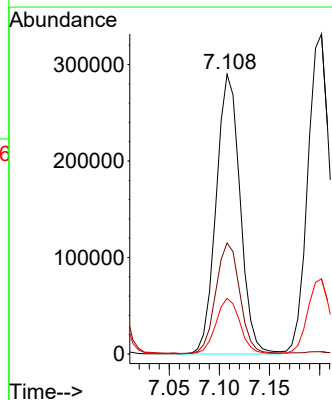
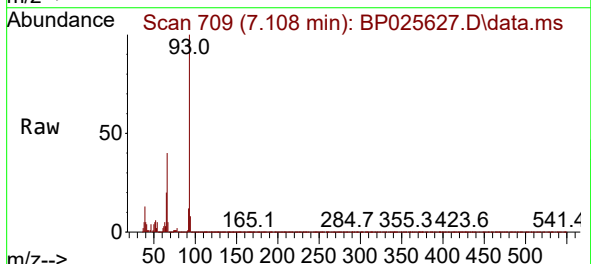
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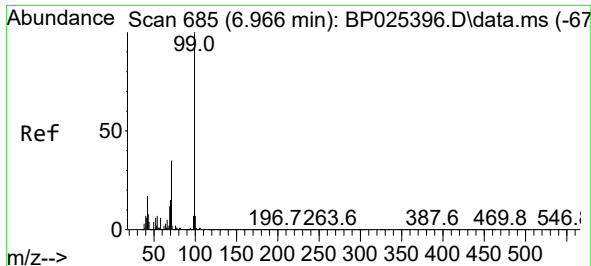
Tgt Ion:112 Resp: 1017199
Ion Ratio Lower Upper
112 100
64 55.8 43.8 65.8
63 29.3 22.7 34.1



#6
Aniline
Concen: 25.414 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion: 93 Resp: 480920
Ion Ratio Lower Upper
93 100
66 39.7 30.4 45.6
65 19.8 15.3 22.9

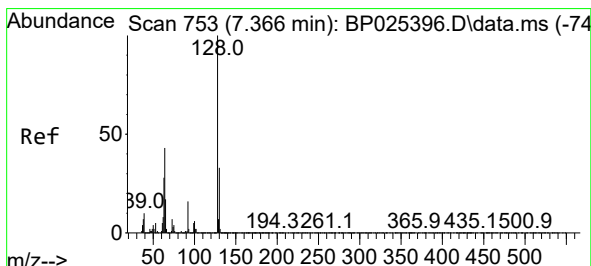
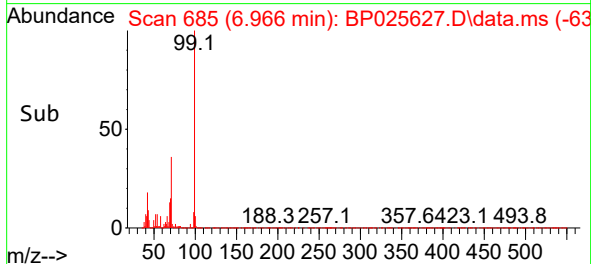
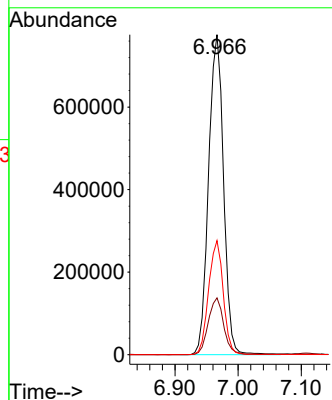
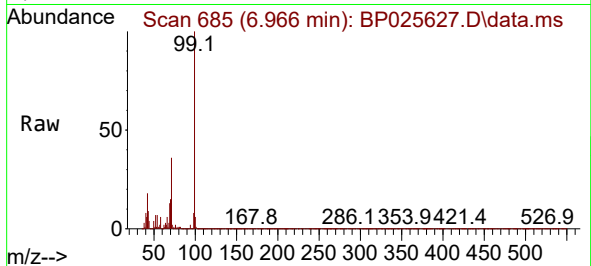




#7
Phenol-d6
Concen: 90.631 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

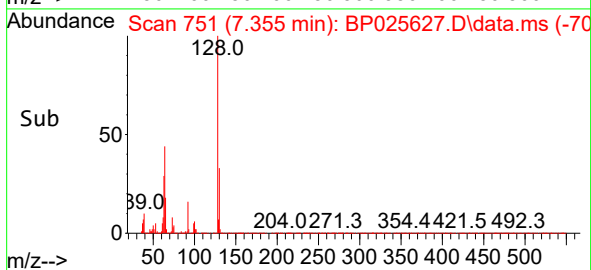
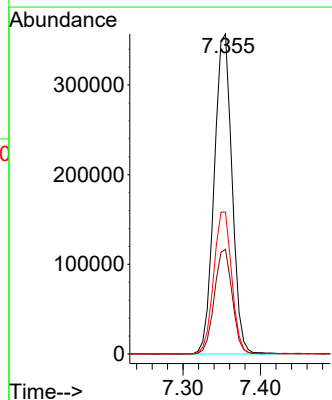
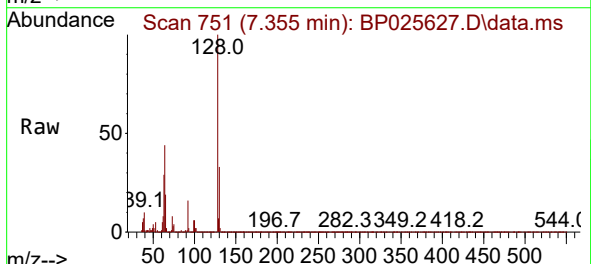
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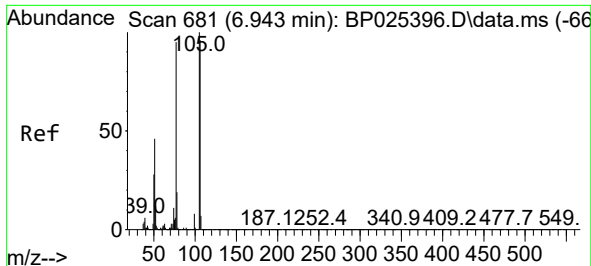
Tgt Ion: 99 Resp: 1272927
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 35.6 28.2 42.4



#8
2-Chlorophenol
Concen: 46.156 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion: 128 Resp: 570588
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 44.4 23.4 63.4

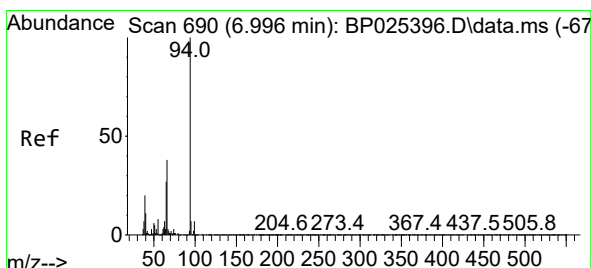
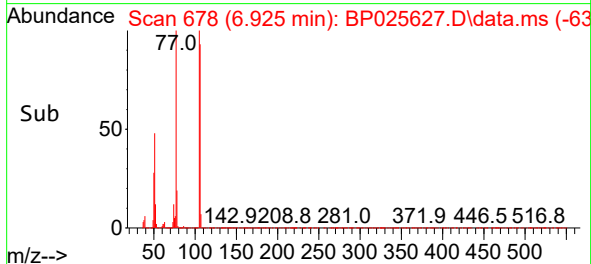
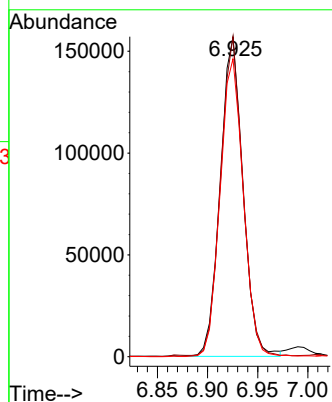
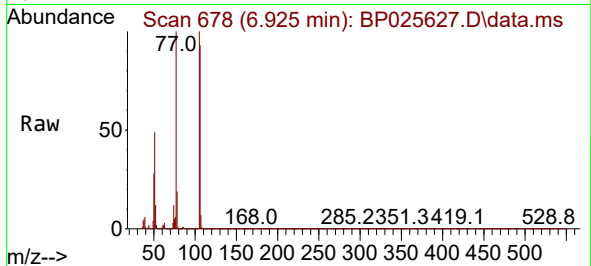




#9
Benzaldehyde
Concen: 24.987 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

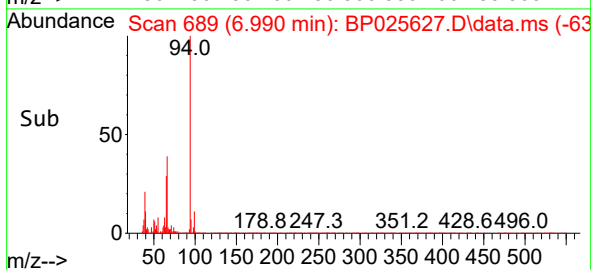
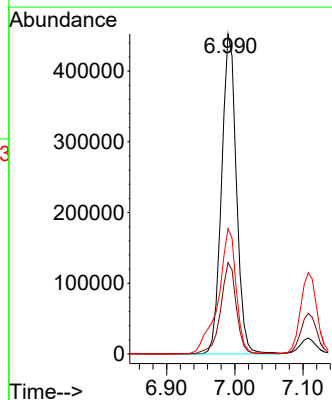
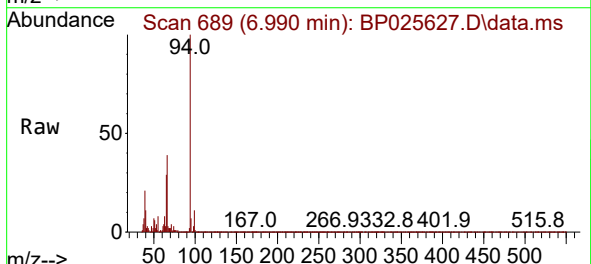
Instrument :
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ClientSampleId :
NORTH-TP-3MS

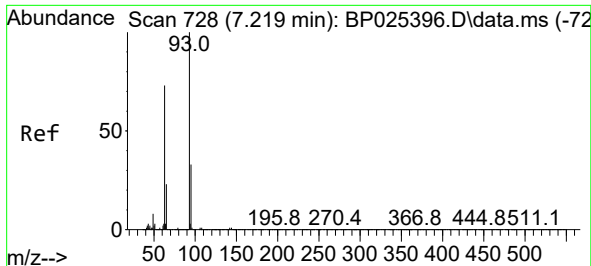
Tgt Ion: 77 Resp: 245878
Ion Ratio Lower Upper
77 100
105 100.2 84.8 124.8
106 93.3 80.5 120.5



#10
Phenol
Concen: 46.436 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion: 94 Resp: 684361
Ion Ratio Lower Upper
94 100
65 28.6 6.8 46.8
66 39.2 18.2 58.2

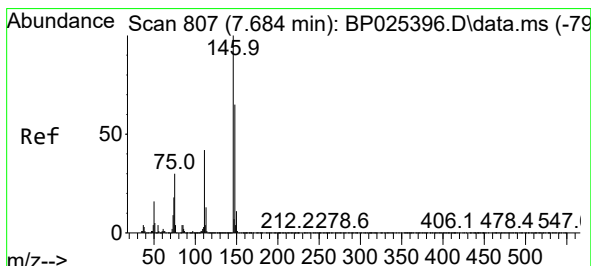
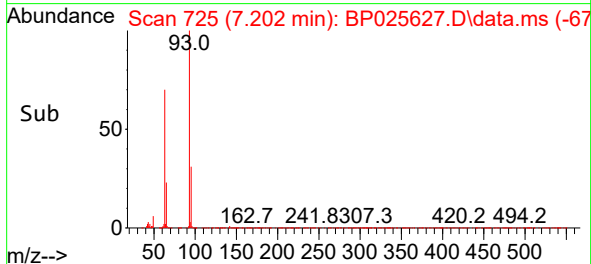
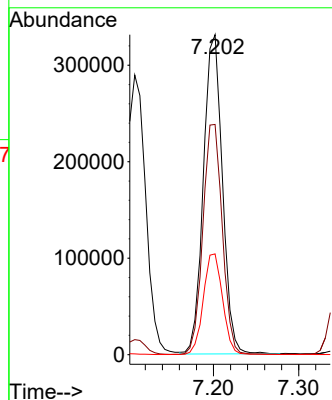
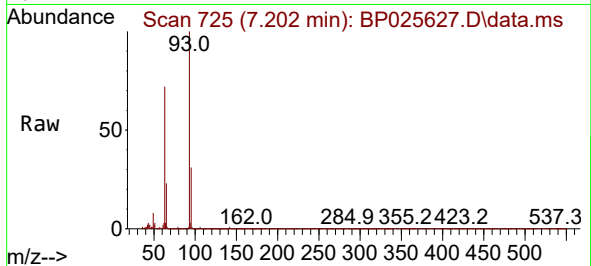




#11
bis(2-Chloroethyl)ether
Concen: 44.679 ng
RT: 7.202 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

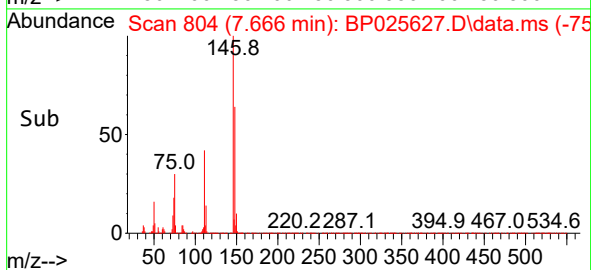
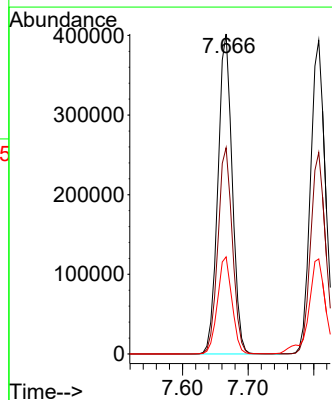
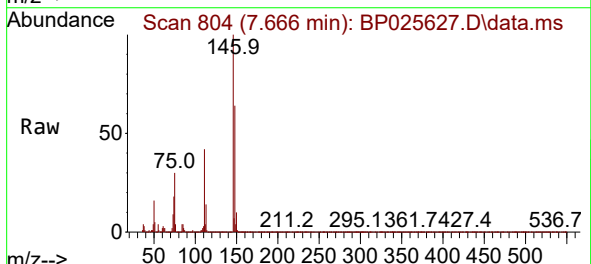
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

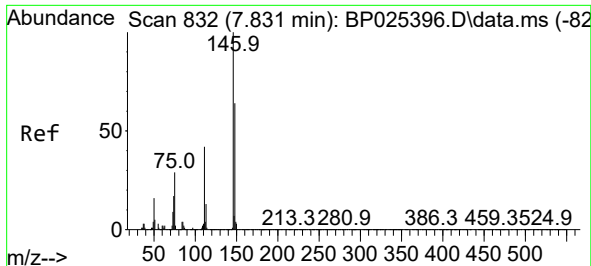
Tgt Ion: 93 Resp: 513230
Ion Ratio Lower Upper
93 100
63 71.9 52.6 92.6
95 31.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.477 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:146 Resp: 606286
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 30.3 23.7 35.5

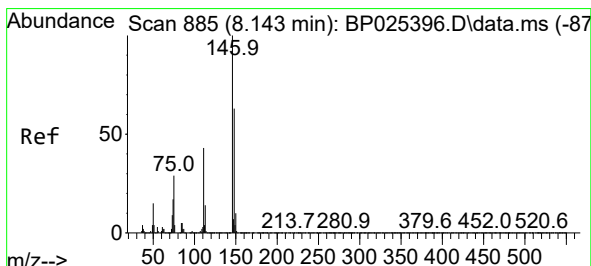
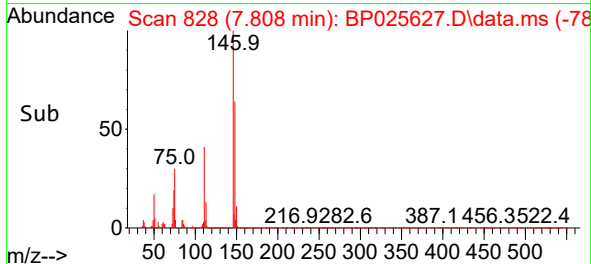
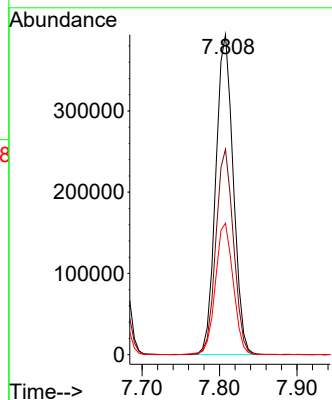
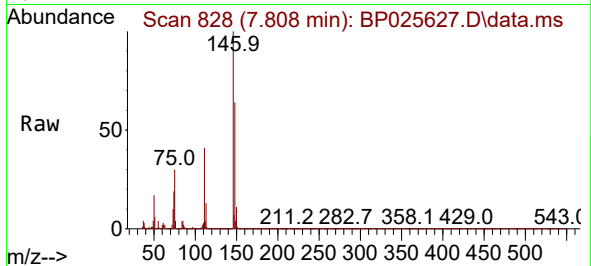




#13
1,4-Dichlorobenzene
Concen: 44.327 ng
RT: 7.808 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

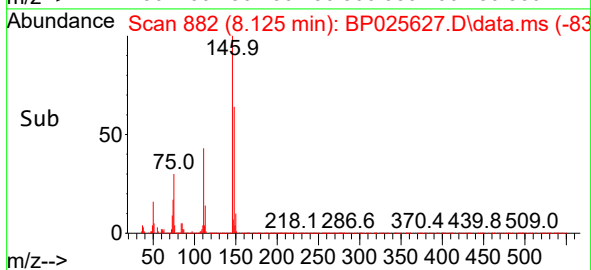
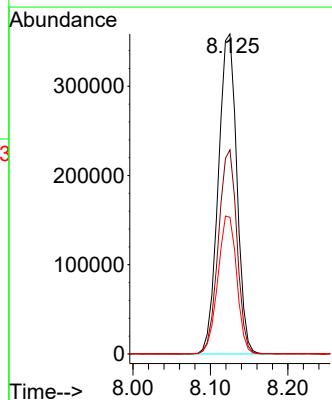
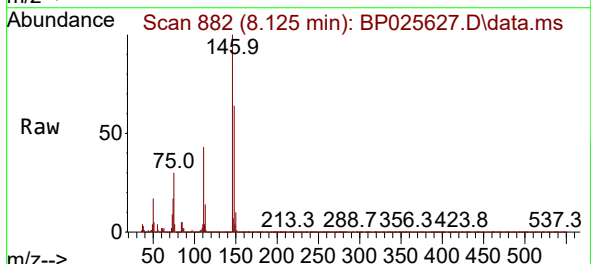
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

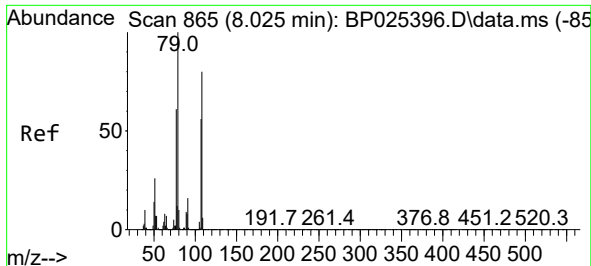
Tgt Ion:146 Resp: 617594
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 41.1 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 44.398 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:146 Resp: 598798
Ion Ratio Lower Upper
146 100
148 63.8 50.4 75.6
111 42.7 34.5 51.7

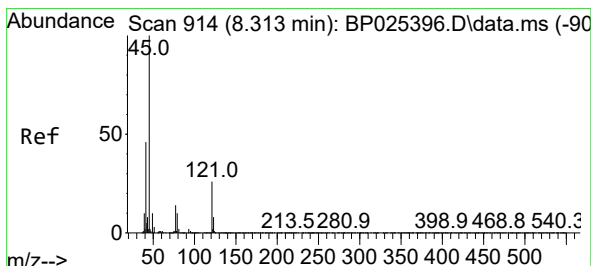
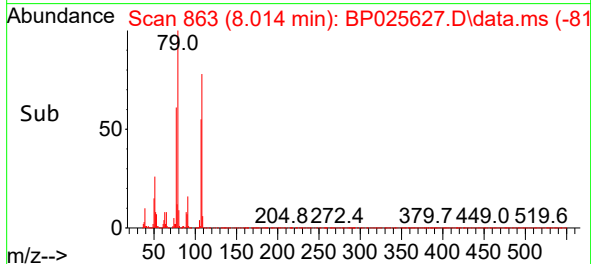
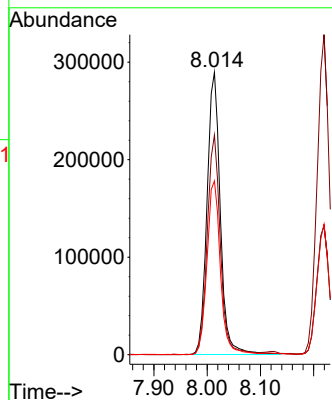
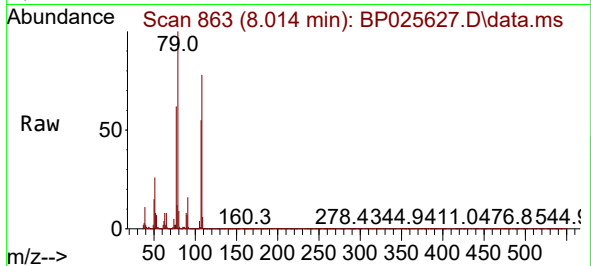




#15
Benzyl Alcohol
Concen: 44.879 ng
RT: 8.014 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

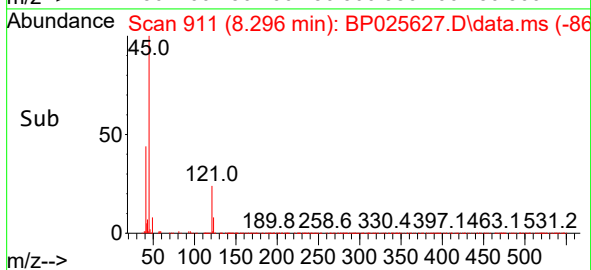
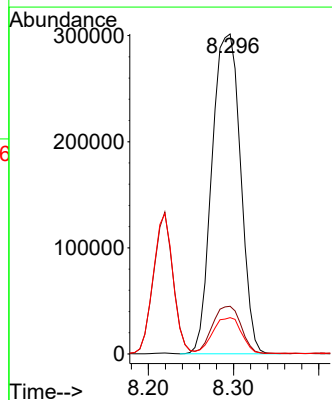
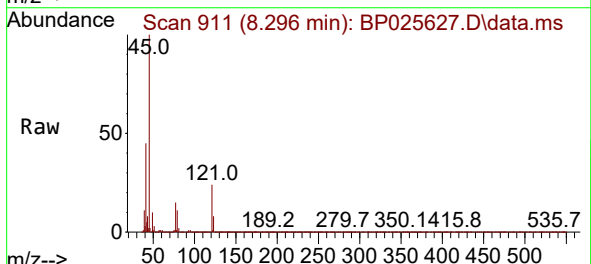
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

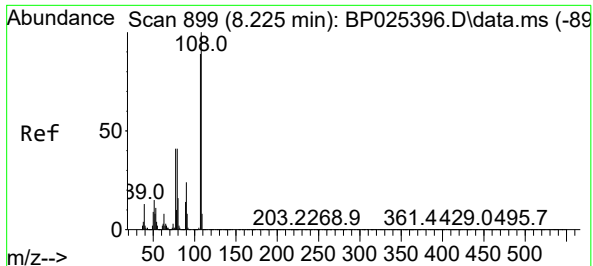
Tgt Ion: 79 Resp: 500838
Ion Ratio Lower Upper
79 100
108 77.8 63.8 95.6
77 61.5 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.430 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion: 45 Resp: 699079
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.3
79 11.4 0.0 31.8

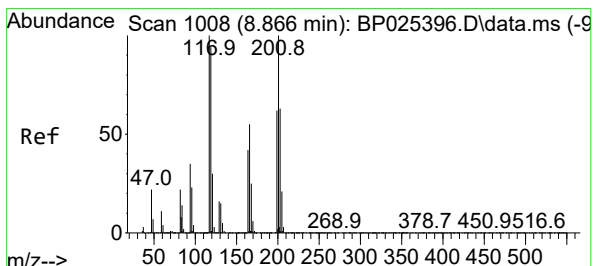
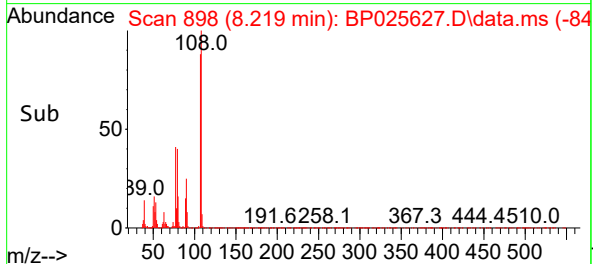
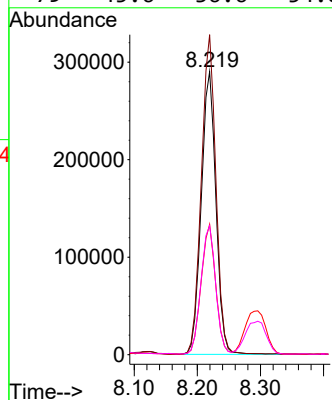
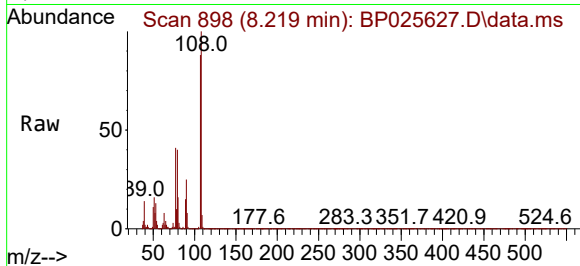




#17
2-Methylphenol
Concen: 45.697 ng
RT: 8.219 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

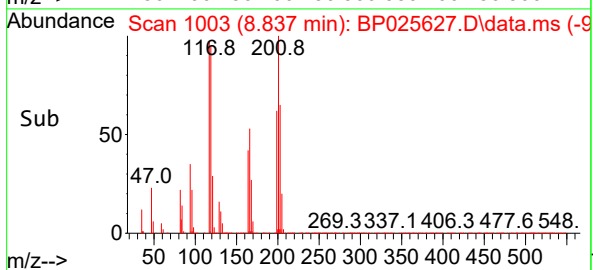
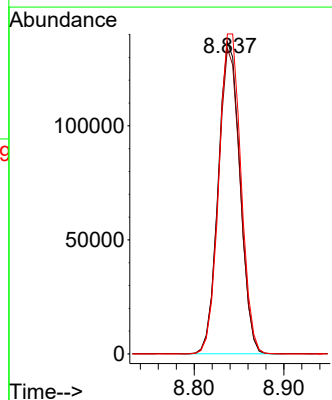
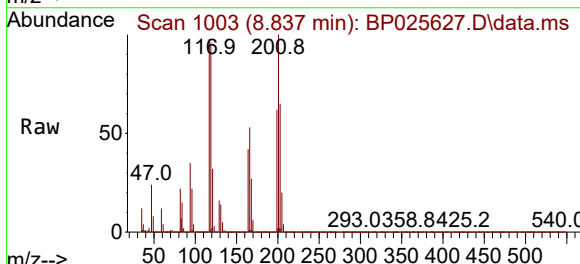
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

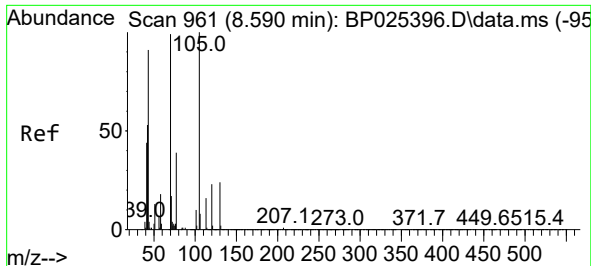
Tgt Ion:	107	Resp:	467738
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.4	134.0
77	46.1	36.3	54.5
79	45.6	36.6	54.8



#18
Hexachloroethane
Concen: 44.927 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:	117	Resp:	230152
Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.1	112.7
201	102.5	80.1	120.1

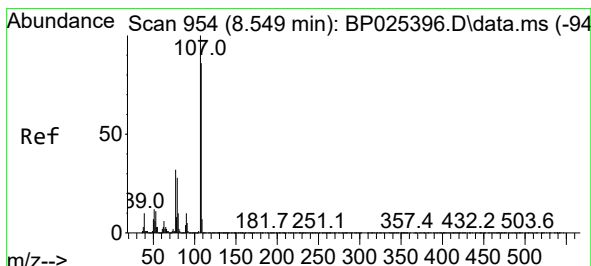
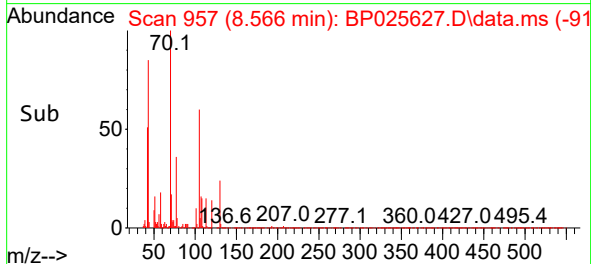
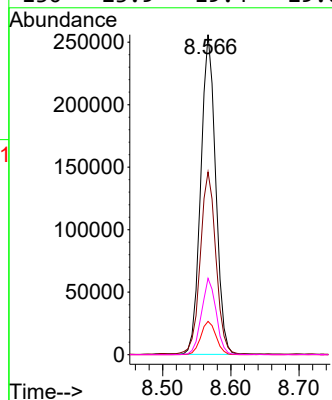
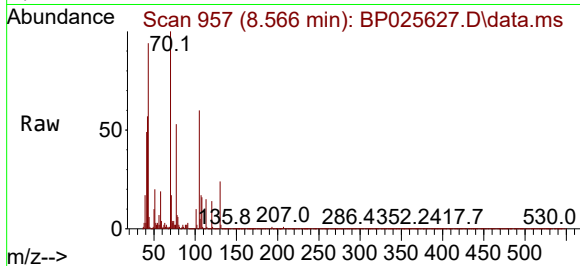




#19
n-Nitroso-di-n-propylamine
Concen: 41.866 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

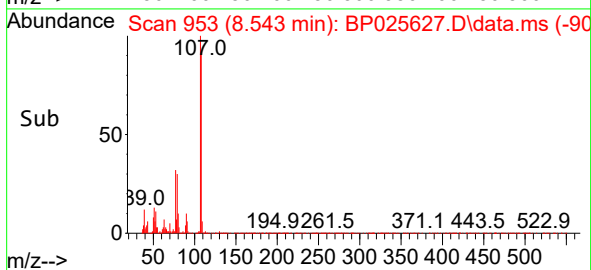
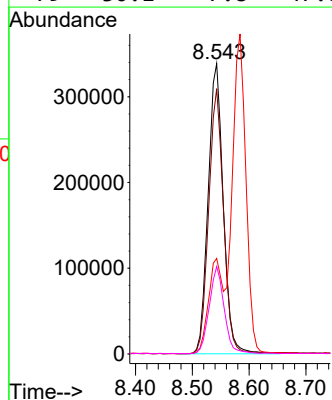
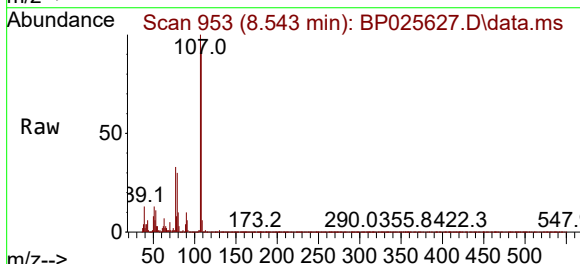
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

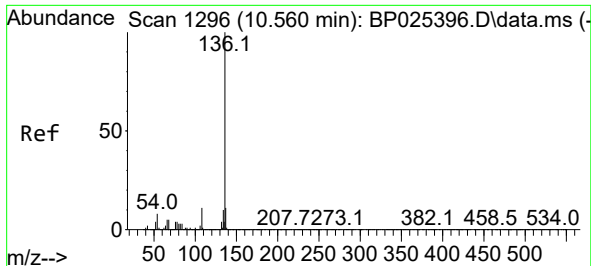
Tgt Ion: 70 Resp: 389494
Ion Ratio Lower Upper
70 100
42 57.1 43.8 65.6
101 10.4 8.5 12.7
130 23.9 19.4 29.0



#20
3+4-Methylphenols
Concen: 43.886 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion: 107 Resp: 622669
Ion Ratio Lower Upper
107 100
108 91.3 66.3 106.3
77 32.9 12.3 52.3
79 30.1 7.8 47.8

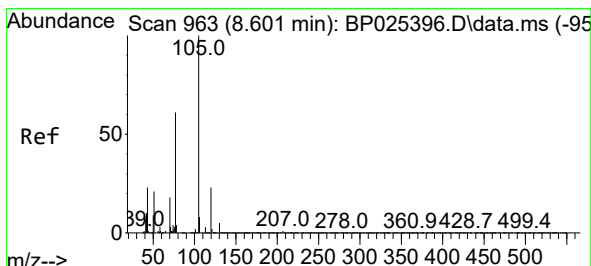
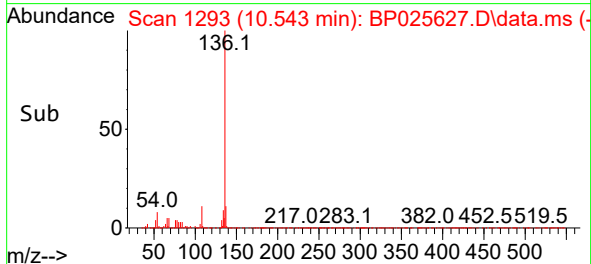
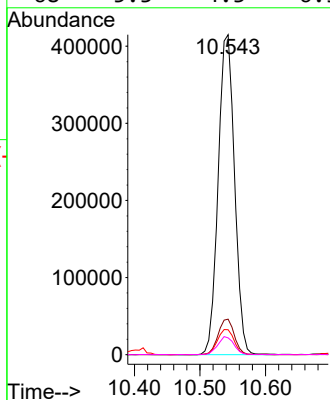
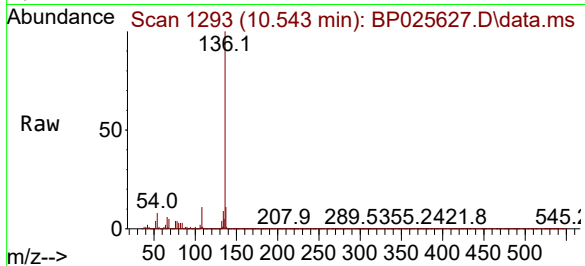




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

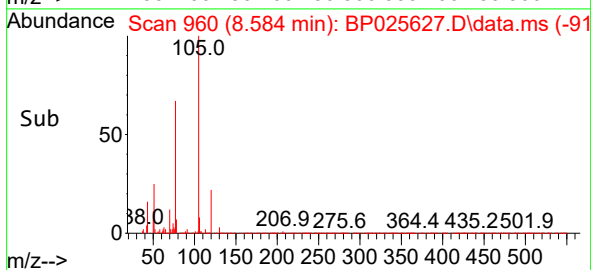
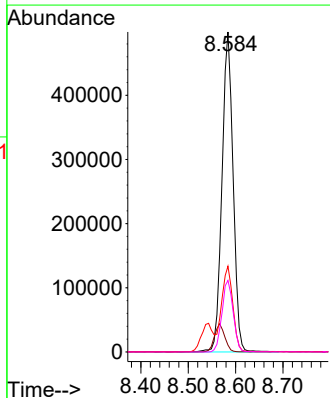
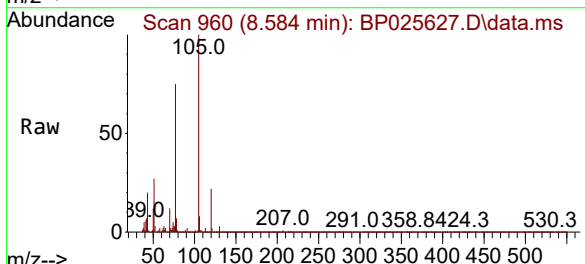
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

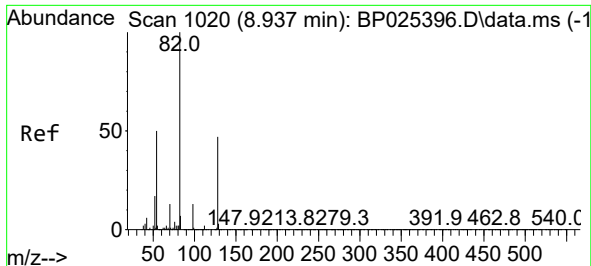
Tgt Ion:	136	Resp:	716554
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.8	6.0	9.0
68	5.3	4.3	6.5



#22
Acetophenone
Concen: 45.255 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:	105	Resp:	813212
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.6	4.0#
51	26.8	20.6	30.8
120	22.4	18.6	27.8

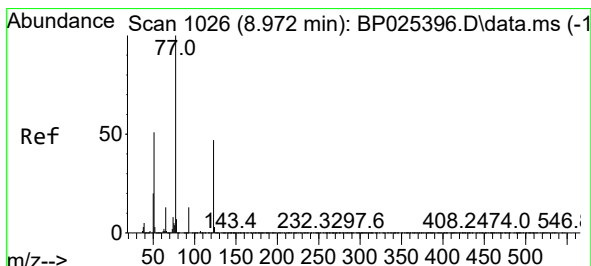
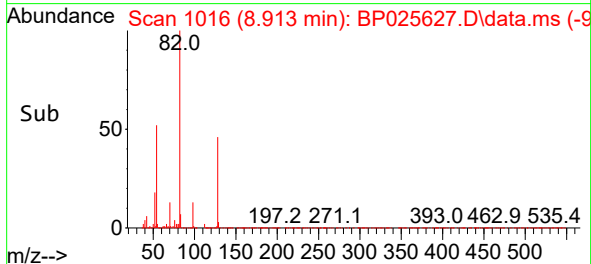
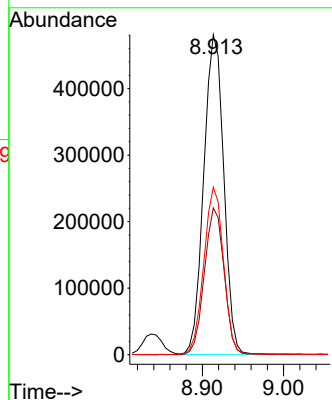
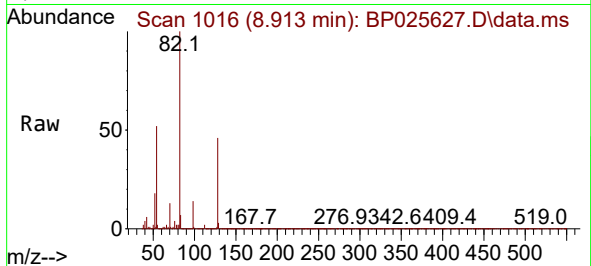




#23
Nitrobenzene-d5
Concen: 57.909 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

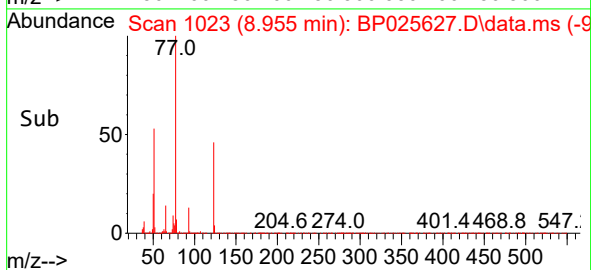
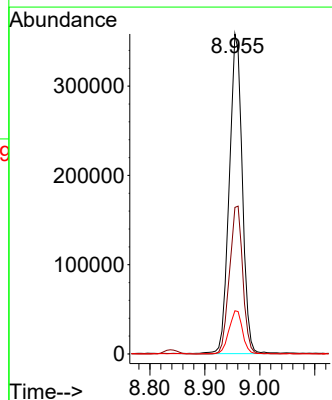
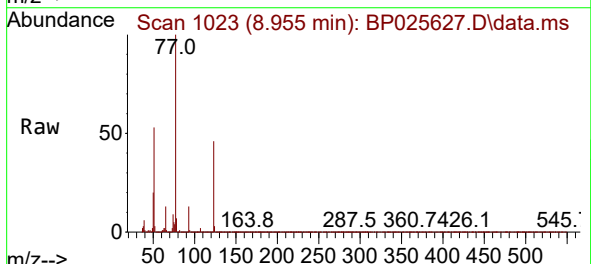
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

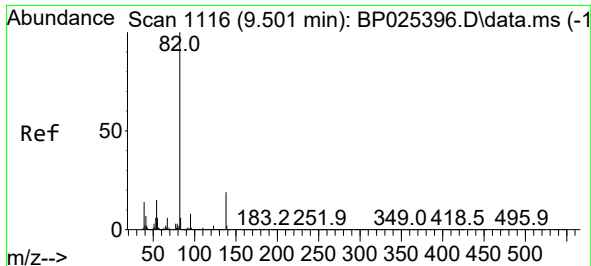
Tgt Ion: 82 Resp: 820292
Ion Ratio Lower Upper
82 100
128 45.8 37.7 56.5
54 52.3 39.8 59.6



#24
Nitrobenzene
Concen: 46.579 ng
RT: 8.955 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion: 77 Resp: 589669
Ion Ratio Lower Upper
77 100
123 45.8 38.6 58.0
65 13.5 10.6 15.8

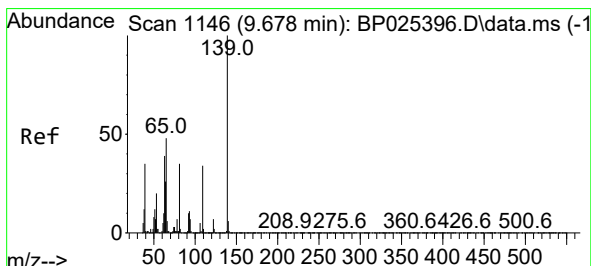
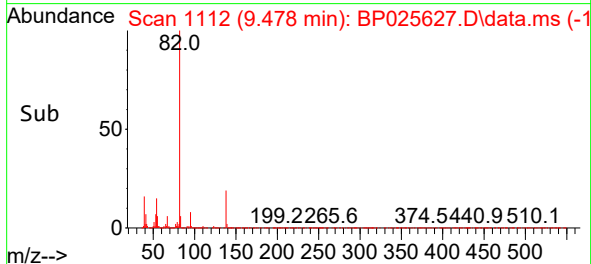
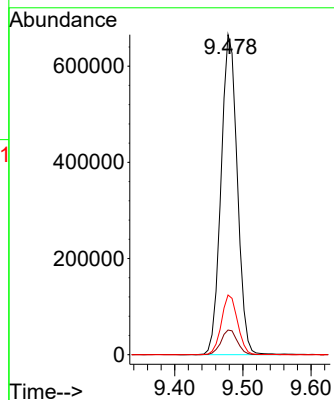
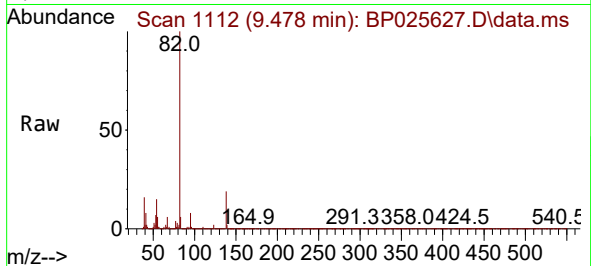




#25
Isophorone
Concen: 44.084 ng
RT: 9.478 min Scan# 1116
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

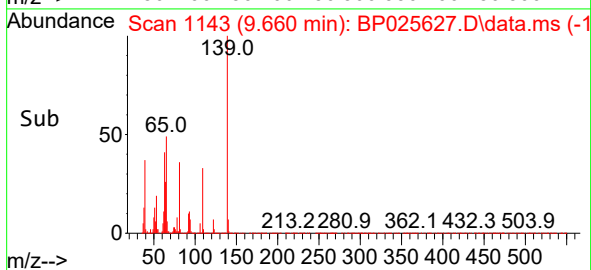
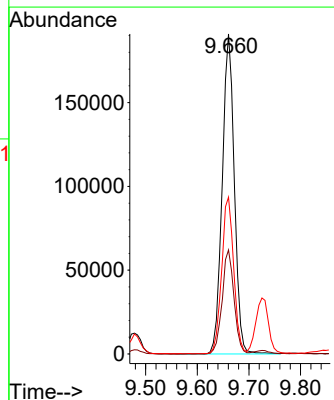
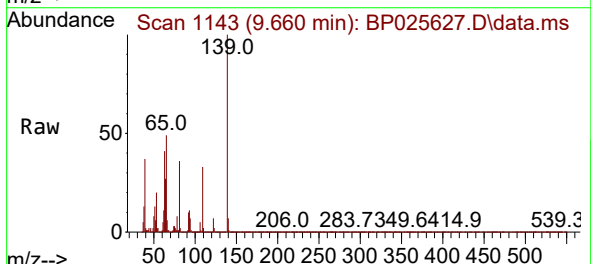
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

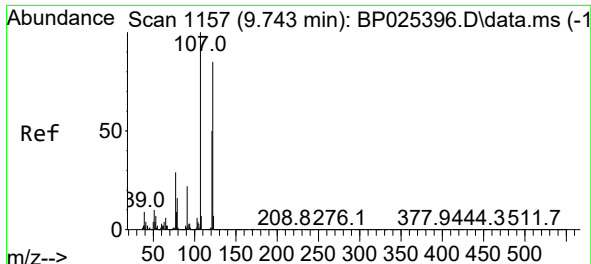
Tgt Ion: 82 Resp: 1105125
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.6 15.4 23.0



#26
2-Nitrophenol
Concen: 47.796 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion: 139 Resp: 310529
Ion Ratio Lower Upper
139 100
109 32.5 26.9 40.3
65 49.0 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 46.561 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.017 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

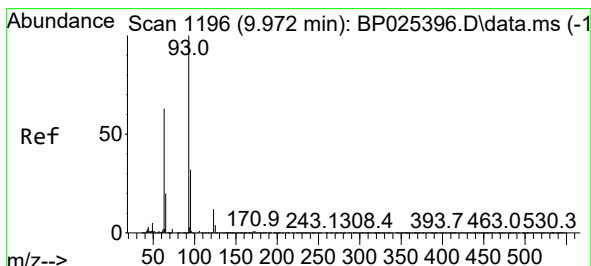
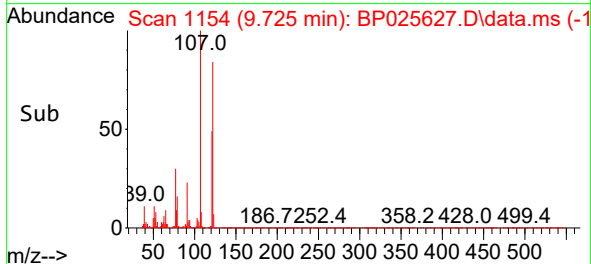
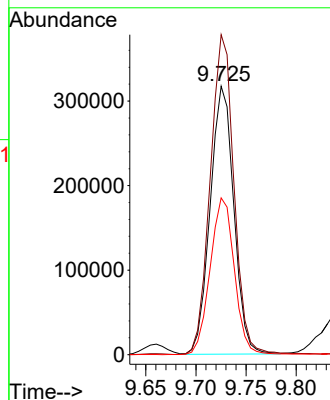
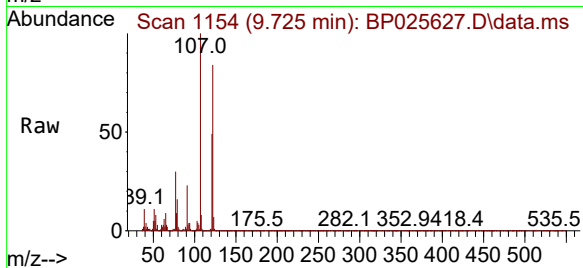
Tgt Ion:122 Resp: 520228

Ion Ratio Lower Upper

122 100

107 119.2 93.7 140.5

121 58.4 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.847 ng

RT: 9.949 min Scan# 1192

Delta R.T. -0.023 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

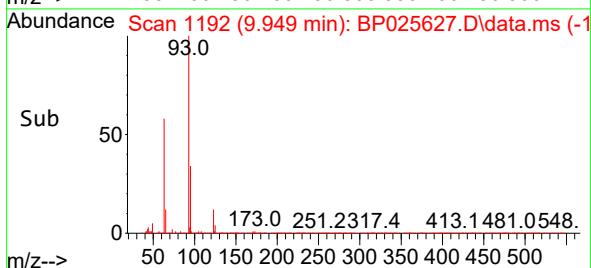
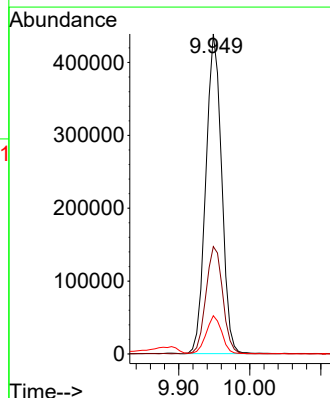
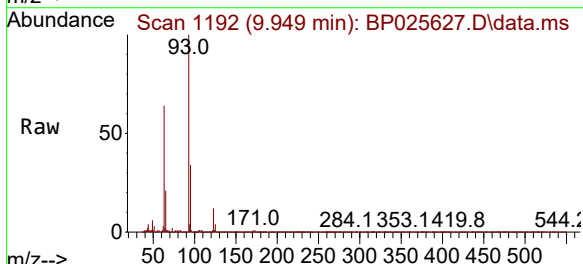
Tgt Ion: 93 Resp: 679590

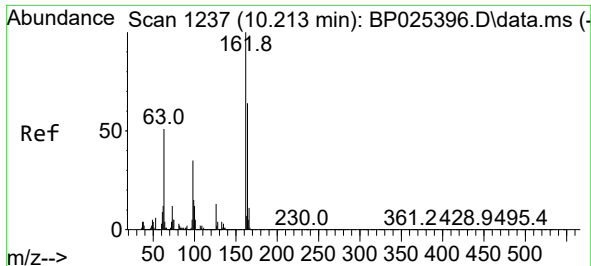
Ion Ratio Lower Upper

93 100

95 33.6 25.4 38.0

123 12.0 9.4 14.0

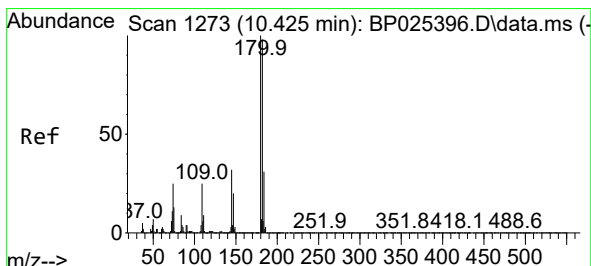
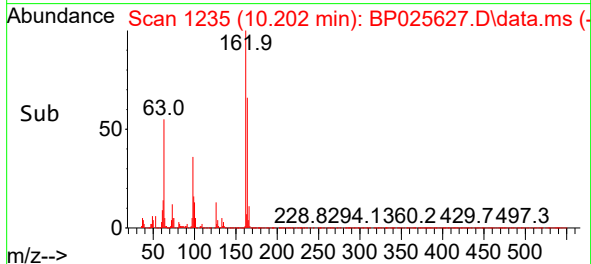
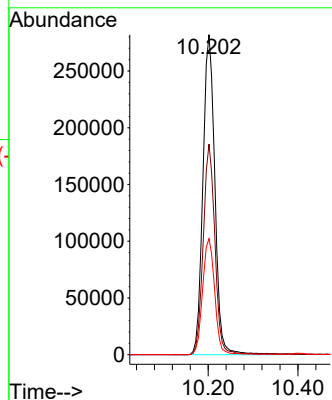
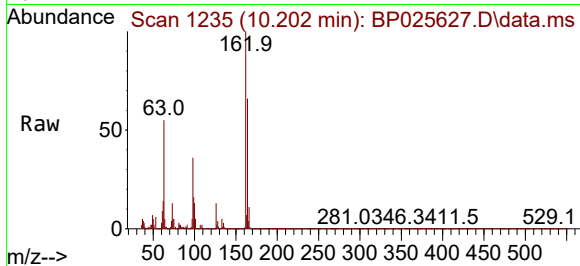




#29
2,4-Dichlorophenol
Concen: 46.952 ng
RT: 10.202 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

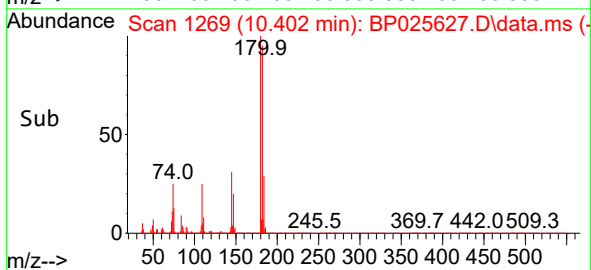
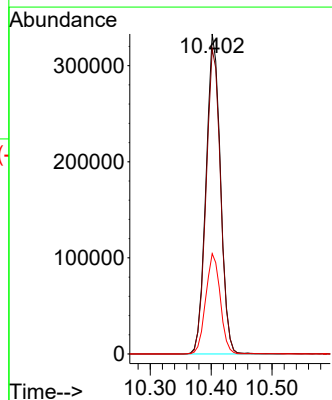
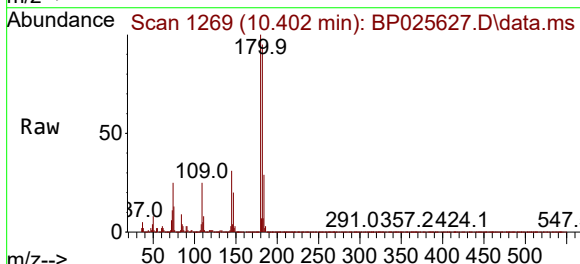
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

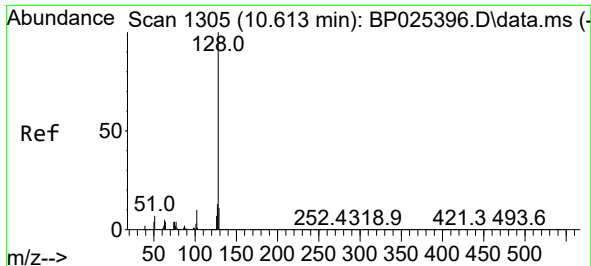
Tgt Ion:162 Resp: 521123
Ion Ratio Lower Upper
162 100
164 65.8 44.4 84.4
98 36.2 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 45.058 ng
RT: 10.402 min Scan# 1269
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:180 Resp: 548221
Ion Ratio Lower Upper
180 100
182 95.3 78.0 117.0
145 31.4 25.9 38.9

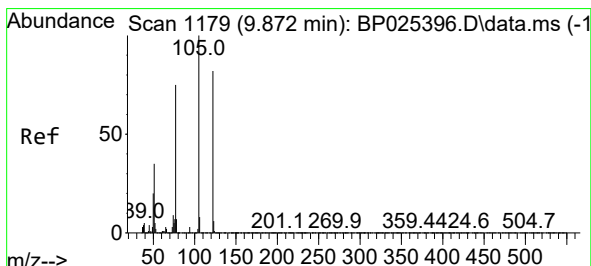
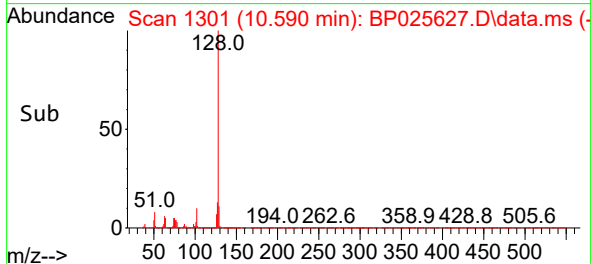
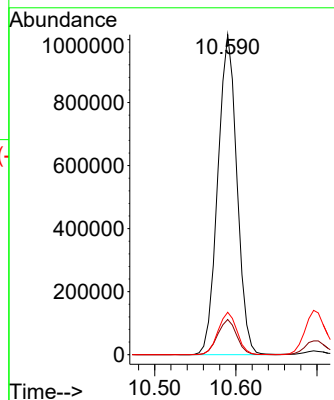
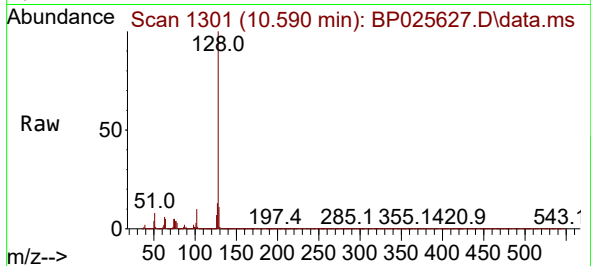




#31
Naphthalene
Concen: 44.603 ng
RT: 10.590 min Scan# 111
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

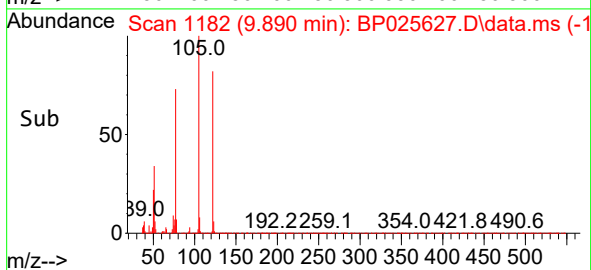
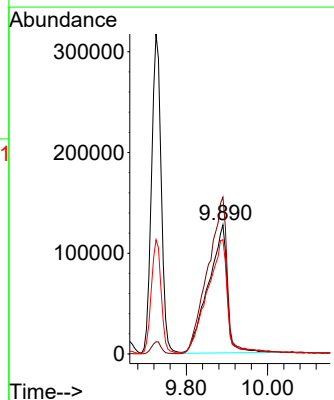
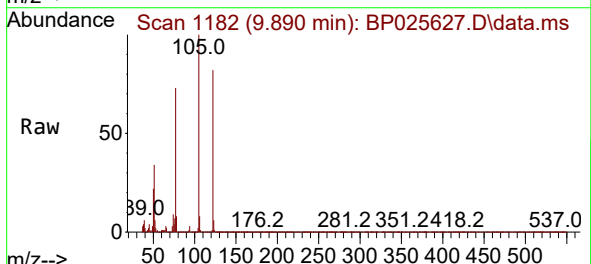
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

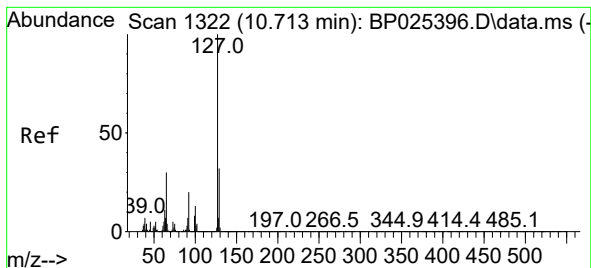
Tgt Ion:128 Resp: 1661162
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 50.062 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:122 Resp: 412947
Ion Ratio Lower Upper
122 100
105 121.5 100.6 140.6
77 88.5 71.5 111.5





#33

4-Chloroaniline

Concen: 16.195 ng

RT: 10.696 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

Tgt Ion:127 Resp: 266434

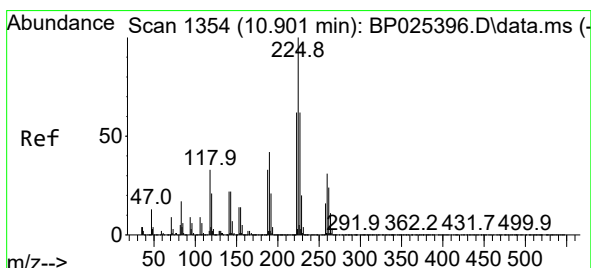
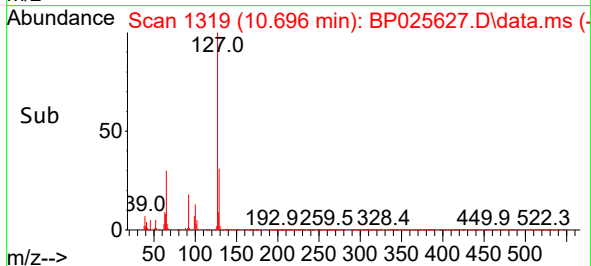
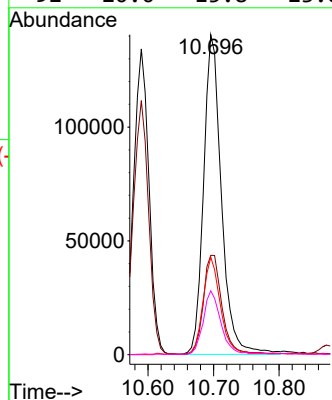
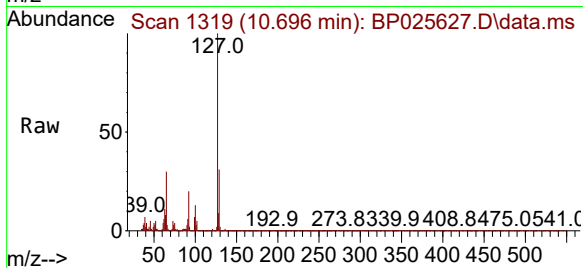
Ion Ratio Lower Upper

127 100

129 31.1 25.4 38.2

65 30.5 23.8 35.6

92 20.0 15.8 23.8



#34

Hexachlorobutadiene

Concen: 45.436 ng

RT: 10.872 min Scan# 1349

Delta R.T. -0.029 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

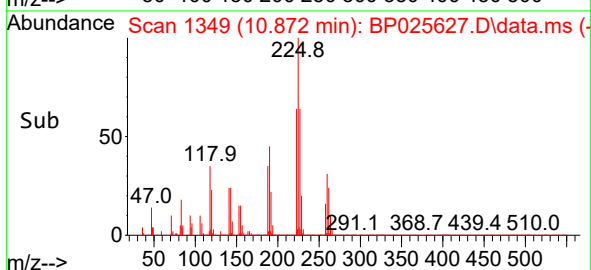
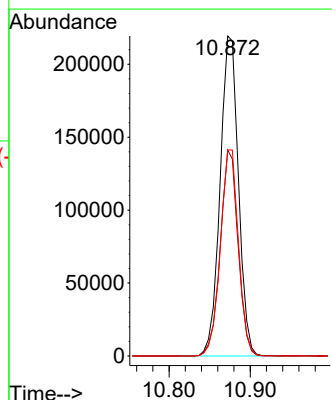
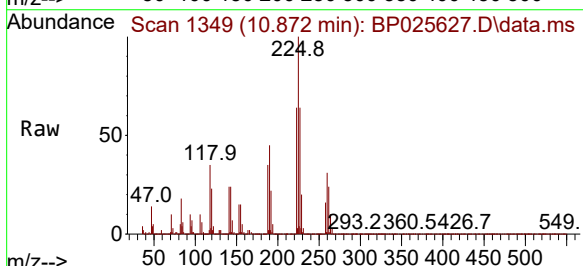
Tgt Ion:225 Resp: 344280

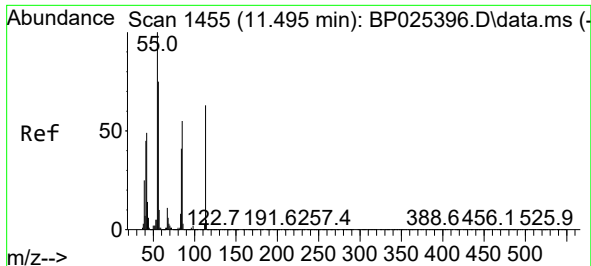
Ion Ratio Lower Upper

225 100

223 64.4 50.0 75.0

227 64.4 49.7 74.5

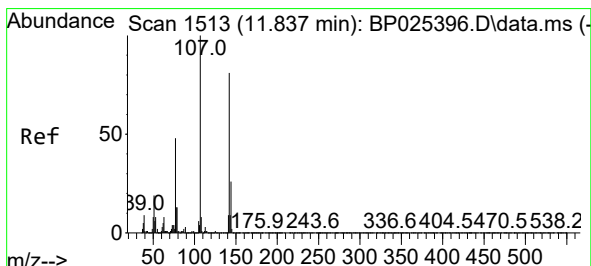
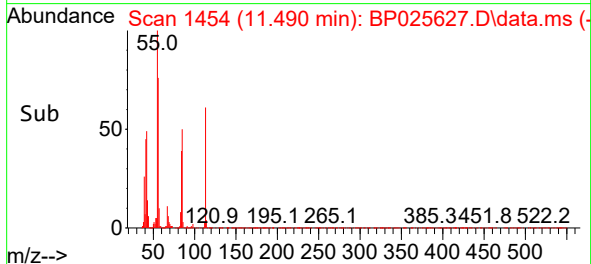
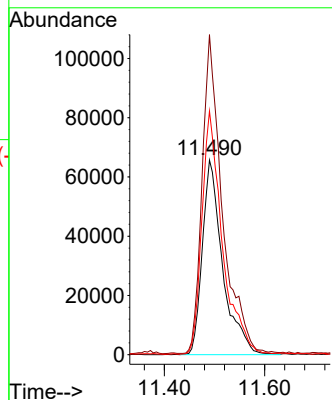
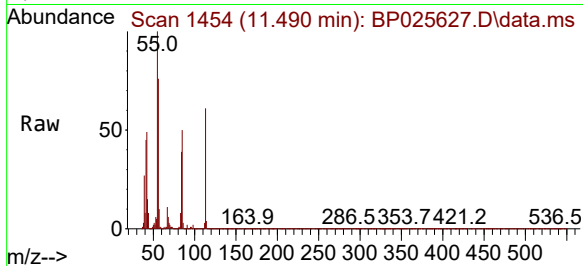




#35
Caprolactam
Concen: 45.513 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

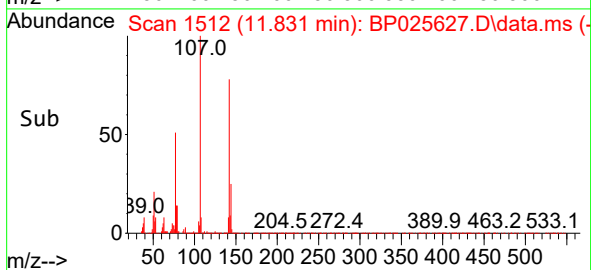
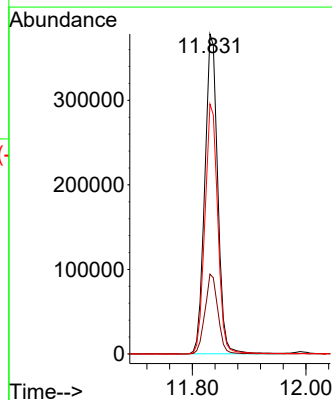
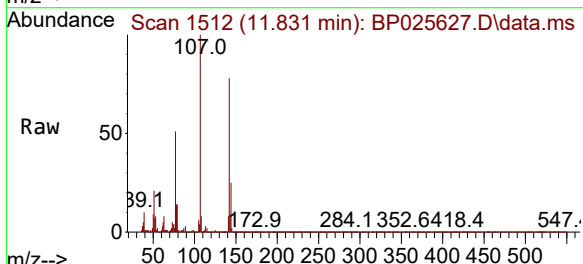
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

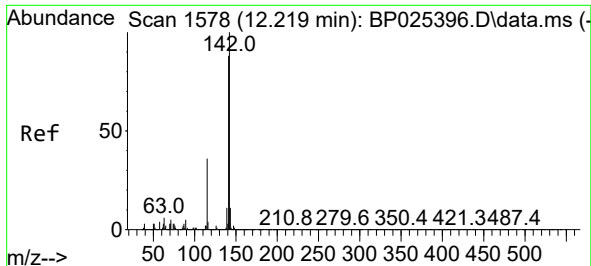
Tgt Ion:113 Resp: 185231
Ion Ratio Lower Upper
113 100
55 164.5 140.0 180.0
56 125.2 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 46.735 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:107 Resp: 595213
Ion Ratio Lower Upper
107 100
144 25.0 21.0 31.4
142 78.1 64.6 97.0

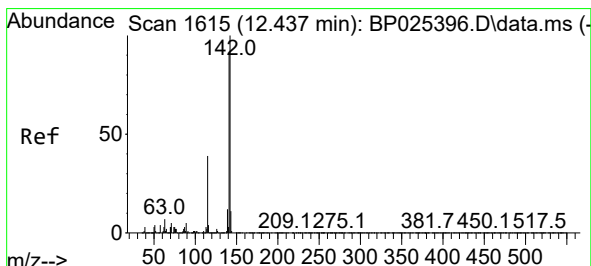
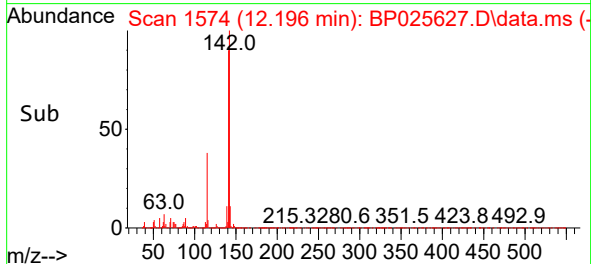
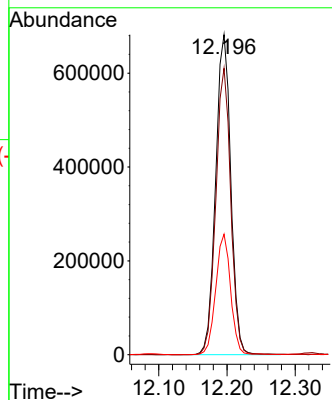
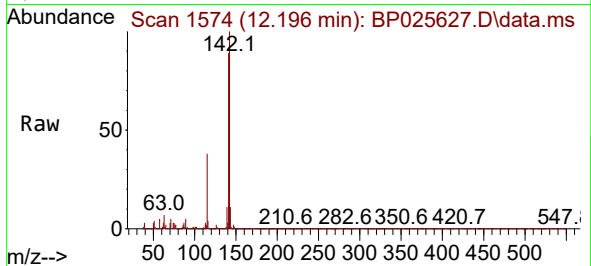




#37
2-Methylnaphthalene
Concen: 43.591 ng
RT: 12.196 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

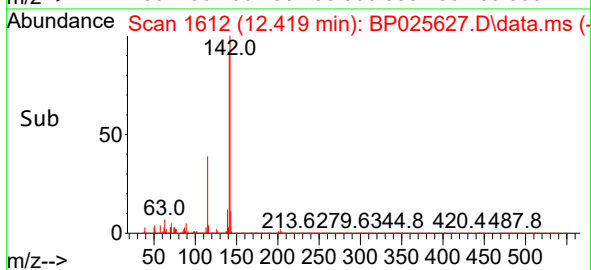
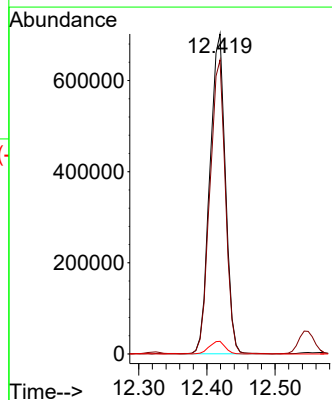
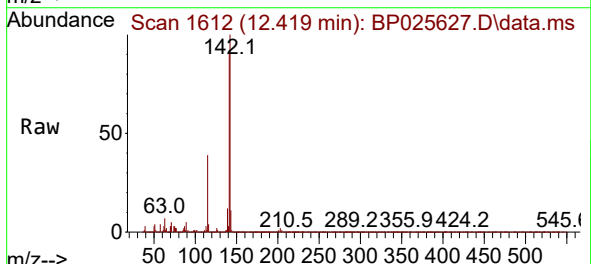
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

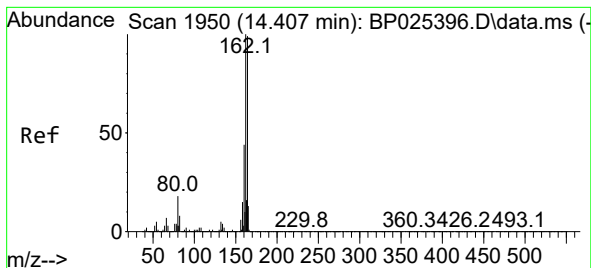
Tgt Ion:142 Resp: 1056504
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5
115 37.6 28.9 43.3



#38
1-Methylnaphthalene
Concen: 43.226 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:142 Resp: 1114138
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.390 min Scan# 1947

Delta R.T. -0.017 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

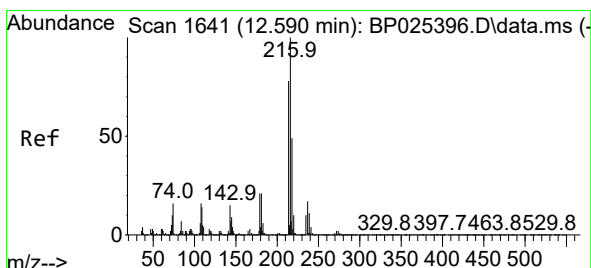
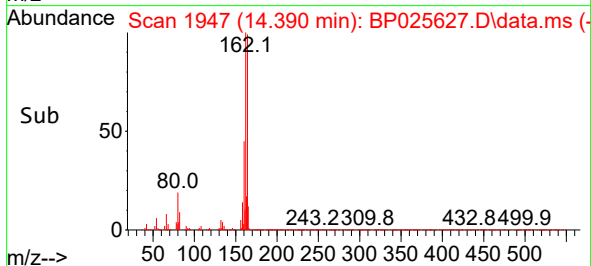
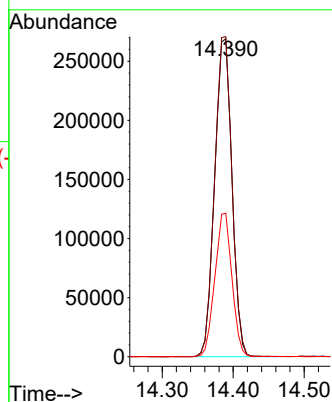
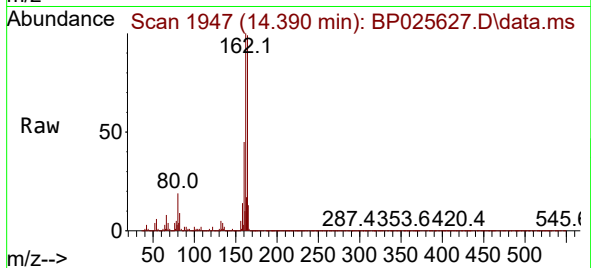
Tgt Ion:164 Resp: 454059

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.6

160 45.2 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.006 ng

RT: 12.566 min Scan# 1637

Delta R.T. -0.023 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Tgt Ion:216 Resp: 603317

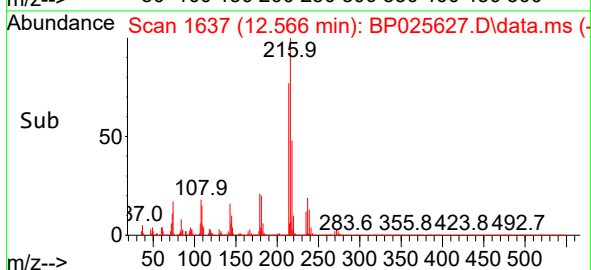
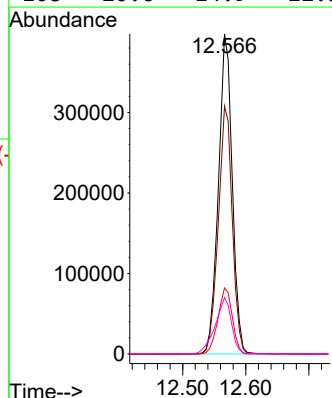
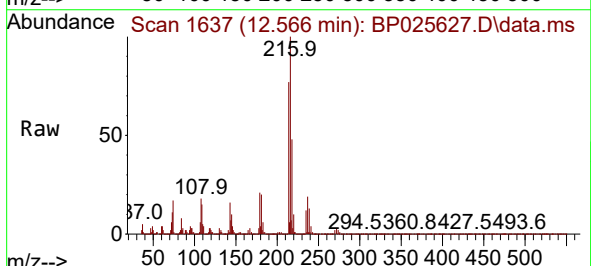
Ion Ratio Lower Upper

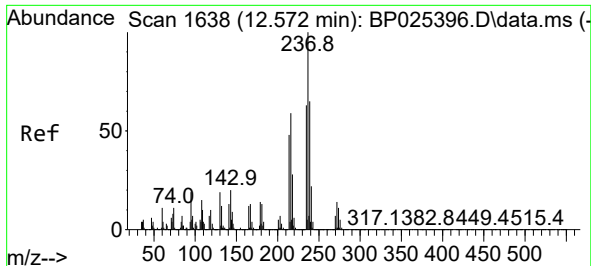
216 100

214 78.5 63.0 94.4

179 21.5 17.1 25.7

108 20.6 14.9 22.3

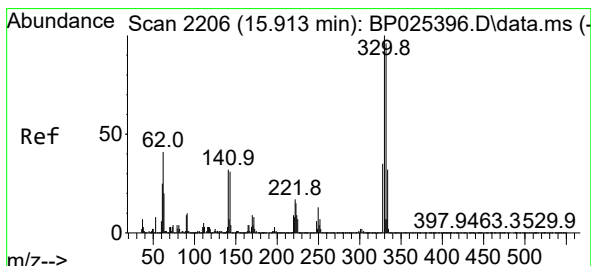
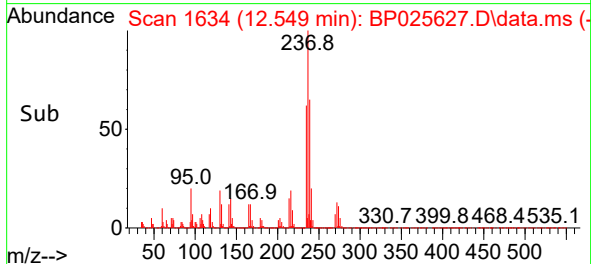
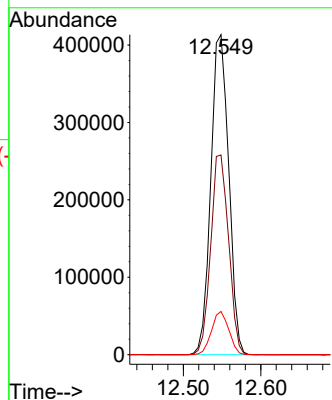
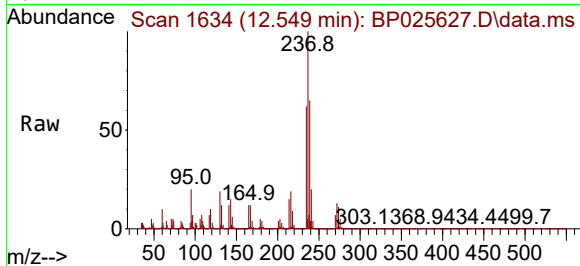




#41
Hexachlorocyclopentadiene
Concen: 83.692 ng
RT: 12.549 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

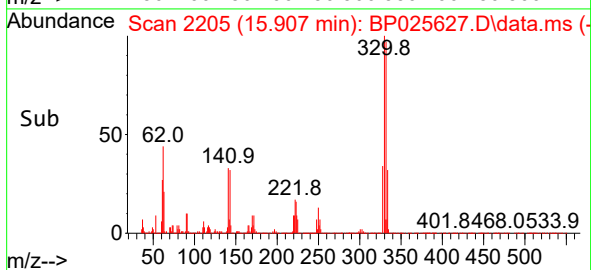
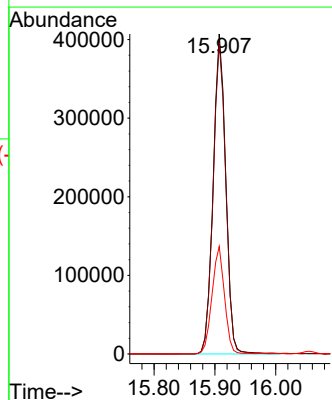
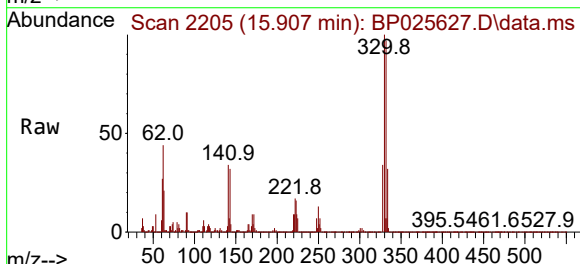
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

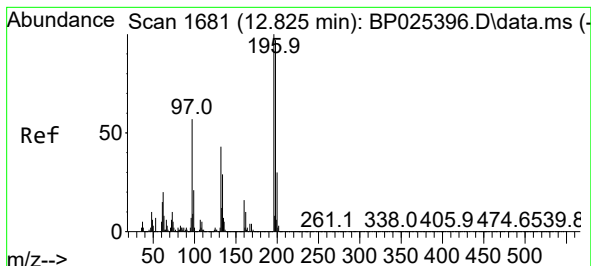
Tgt Ion:237 Resp: 662939
Ion Ratio Lower Upper
237 100
235 62.4 42.7 82.7
272 13.5 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 95.653 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:330 Resp: 584601
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 33.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 48.298 ng

RT: 12.813 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

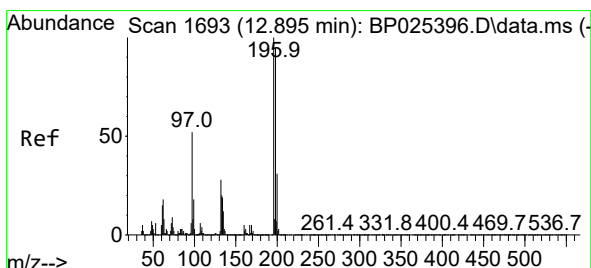
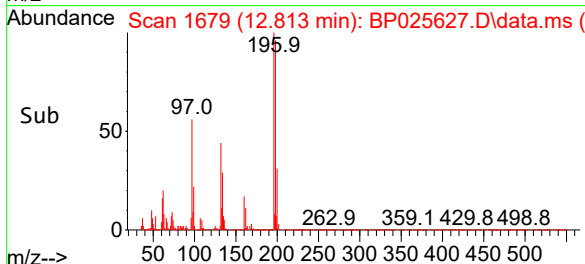
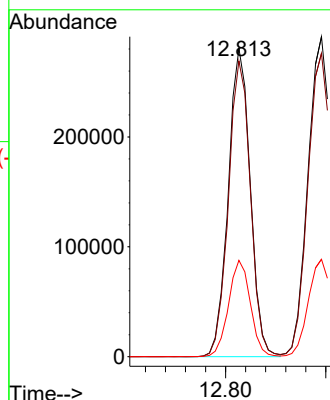
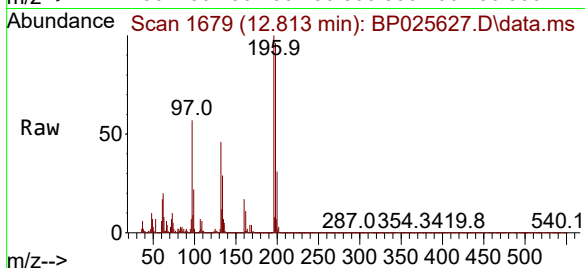
Tgt Ion:196 Resp: 427588

Ion Ratio Lower Upper

196 100

198 95.9 77.2 115.8

200 31.2 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 49.450 ng

RT: 12.896 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Tgt Ion:196 Resp: 479807

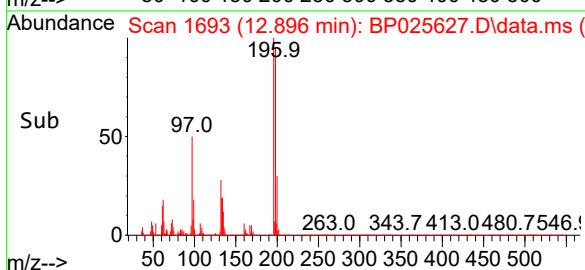
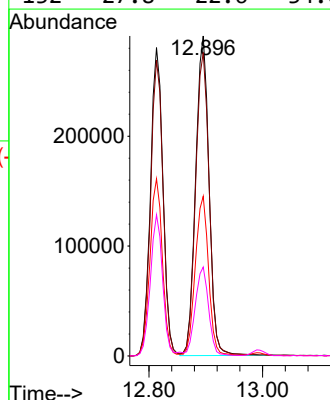
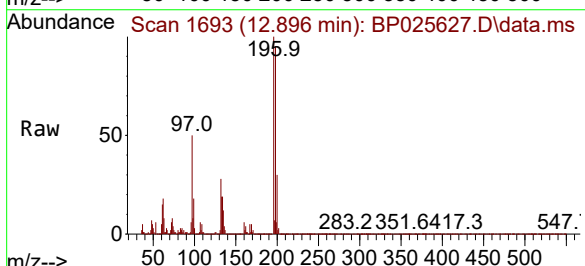
Ion Ratio Lower Upper

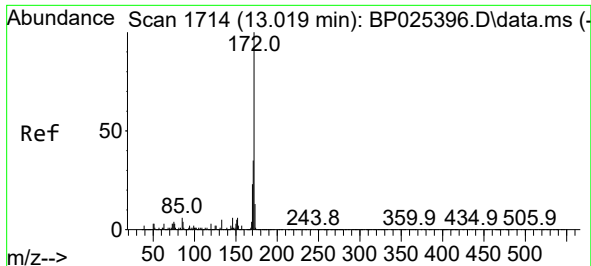
196 100

198 94.8 76.2 114.2

97 49.9 41.2 61.8

132 27.8 22.6 34.0

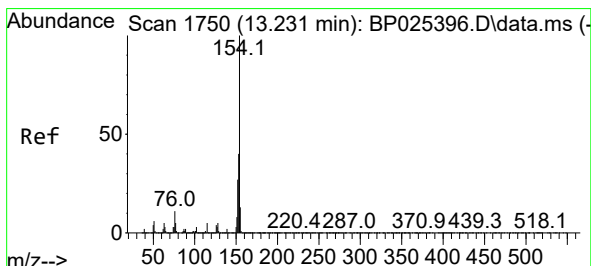
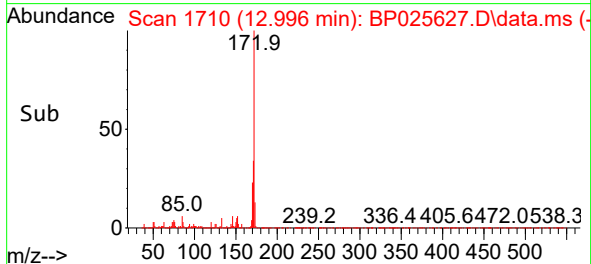
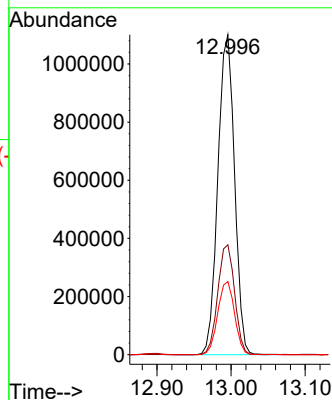
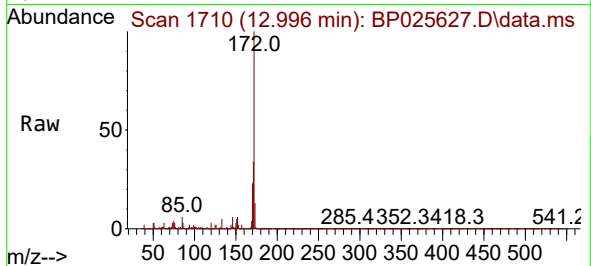




#45
2-Fluorobiphenyl
Concen: 51.696 ng
RT: 12.996 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

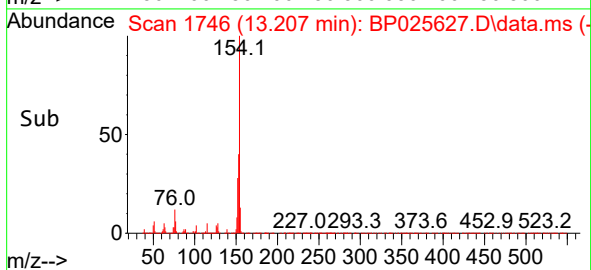
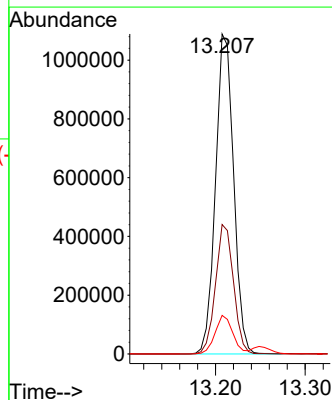
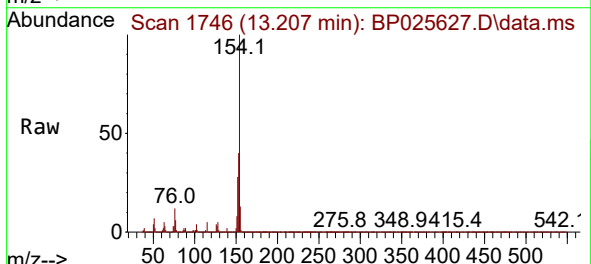
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

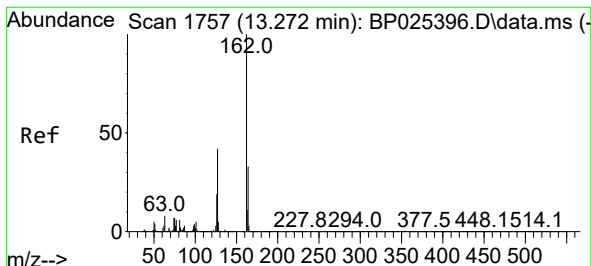
Tgt Ion:172 Resp: 1717510
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 22.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.214 ng
RT: 13.207 min Scan# 1746
Delta R.T. -0.023 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:154 Resp: 1523973
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 12.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.944 ng

RT: 13.249 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

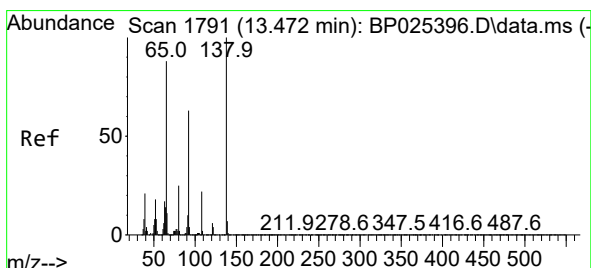
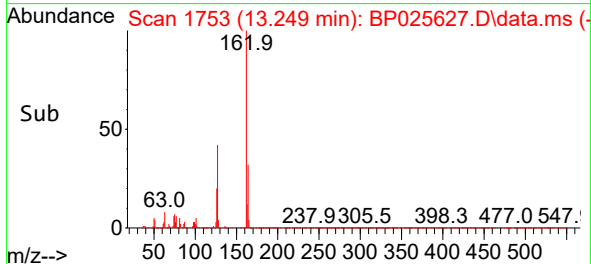
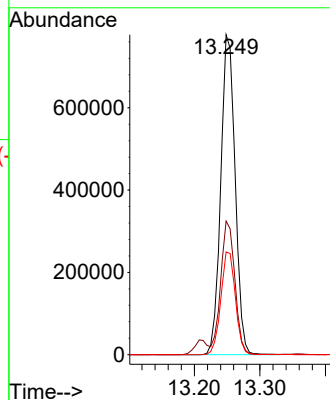
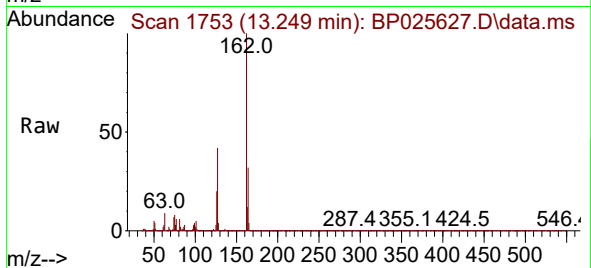
Tgt Ion:162 Resp: 1179469

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

164 32.1 26.2 39.2



#48

2-Nitroaniline

Concen: 50.051 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.017 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

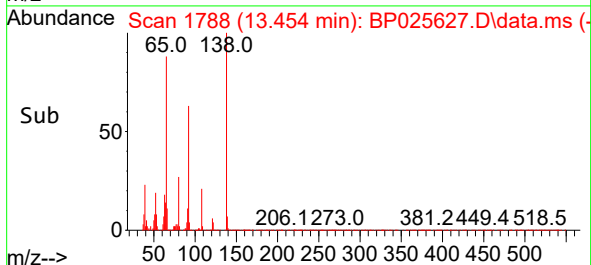
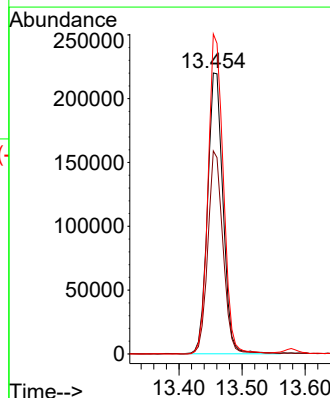
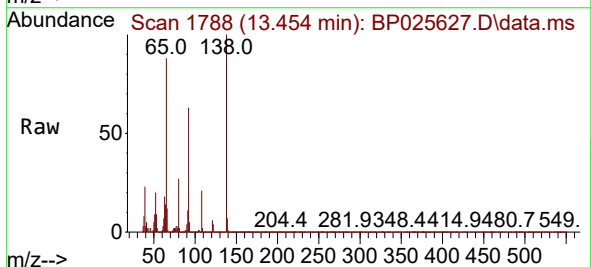
Tgt Ion: 65 Resp: 374389

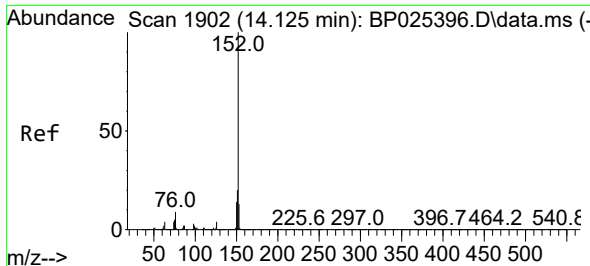
Ion Ratio Lower Upper

65 100

92 72.3 57.6 86.4

138 113.9 91.0 136.6

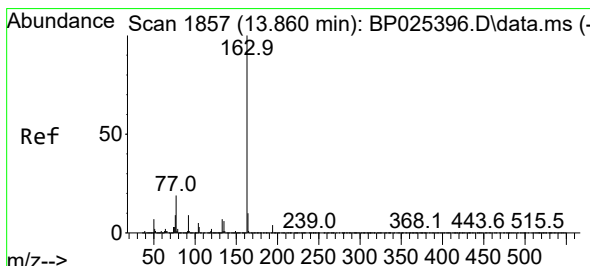
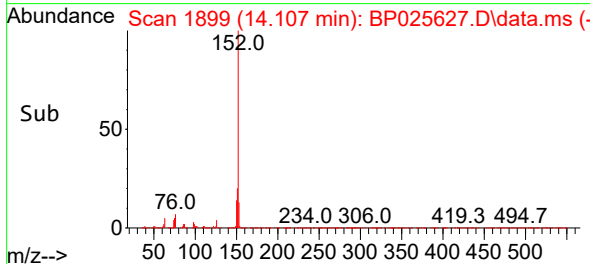
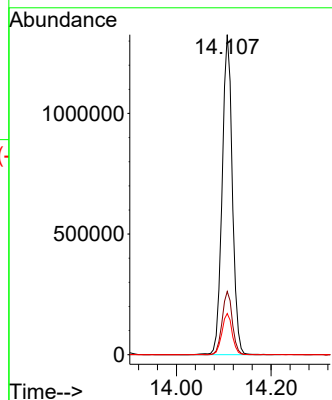
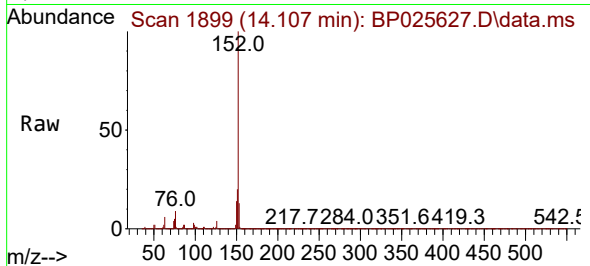




#49
Acenaphthylene
Concen: 46.428 ng
RT: 14.107 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

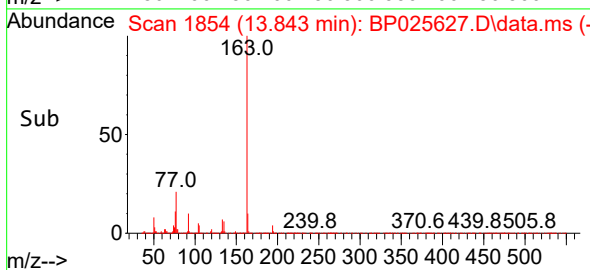
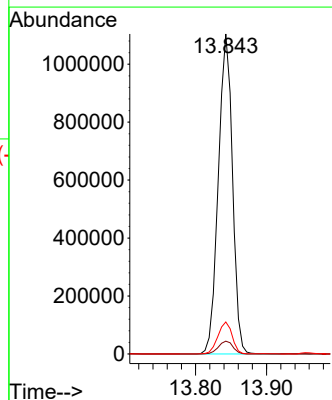
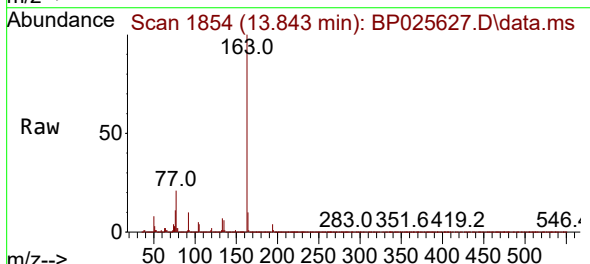
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

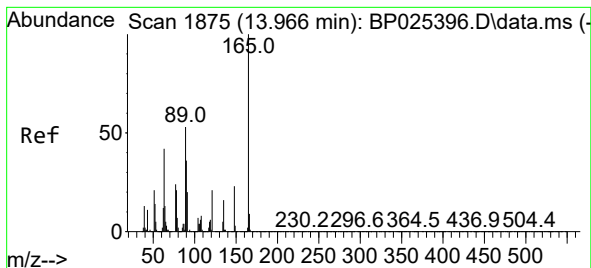
Tgt Ion:152 Resp: 1972243
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 45.716 ng
RT: 13.843 min Scan# 1854
Delta R.T. -0.017 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:163 Resp: 1520068
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.0 7.9 11.9

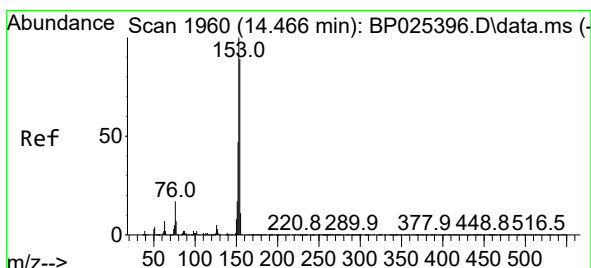
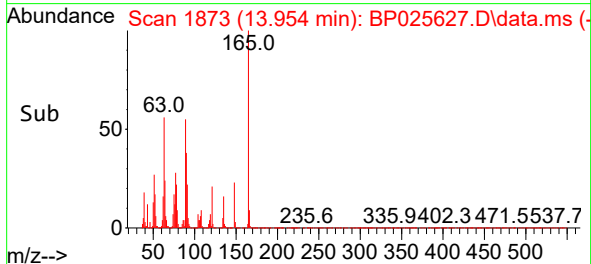
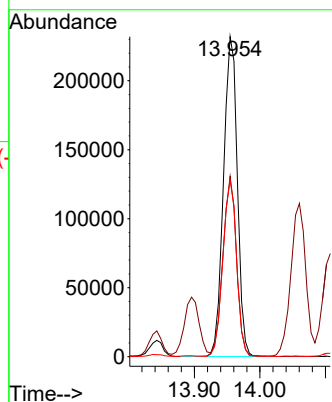
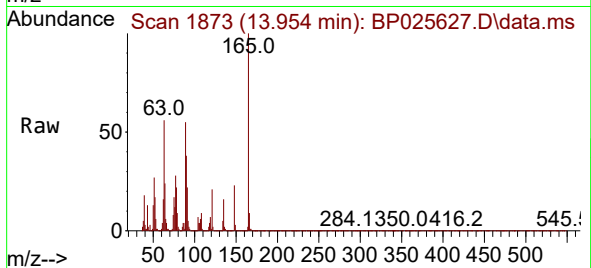




#51
2,6-Dinitrotoluene
Concen: 48.287 ng
RT: 13.954 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

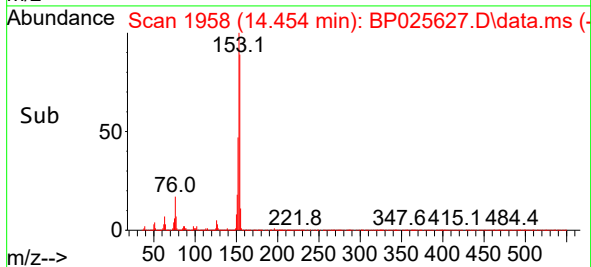
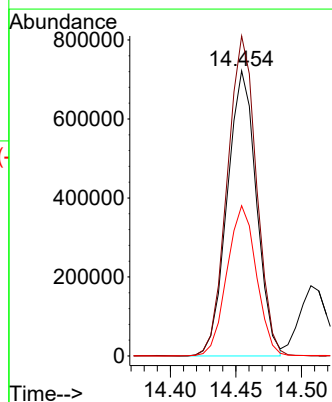
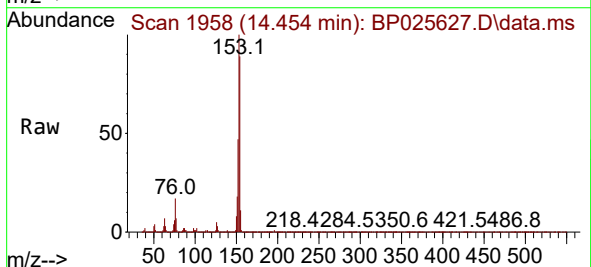
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

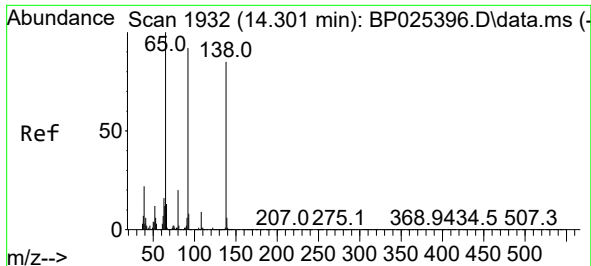
Tgt Ion:165 Resp: 338405
Ion Ratio Lower Upper
165 100
63 56.4 40.9 61.3
89 55.1 42.1 63.1



#52
Acenaphthene
Concen: 44.876 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:154 Resp: 1118956
Ion Ratio Lower Upper
154 100
153 112.2 90.2 135.2
152 52.7 42.1 63.1

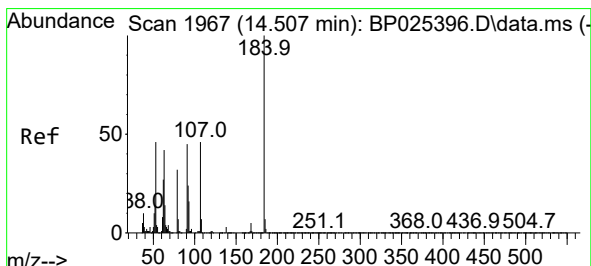
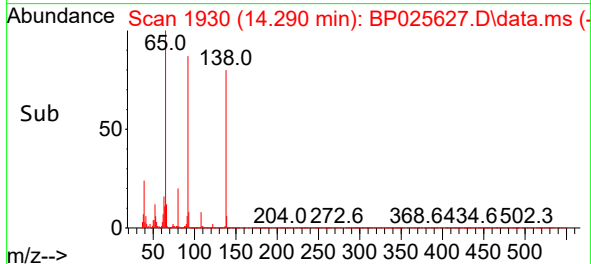
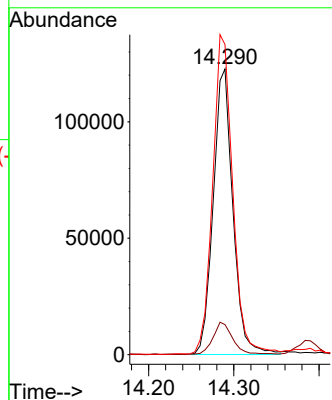
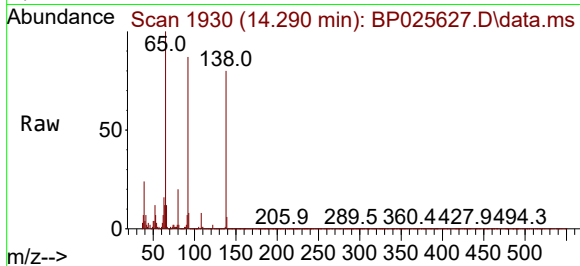




#53
3-Nitroaniline
Concen: 24.936 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

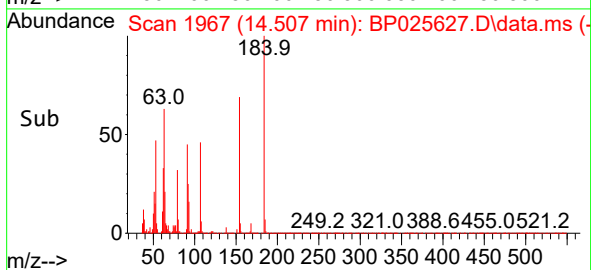
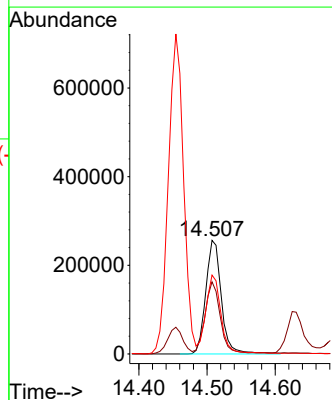
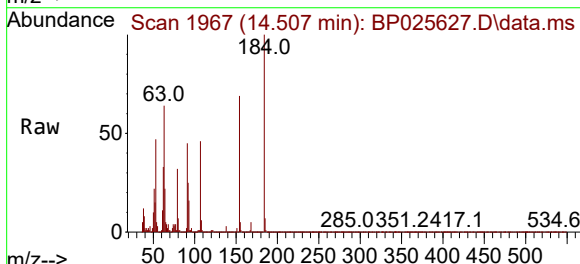
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

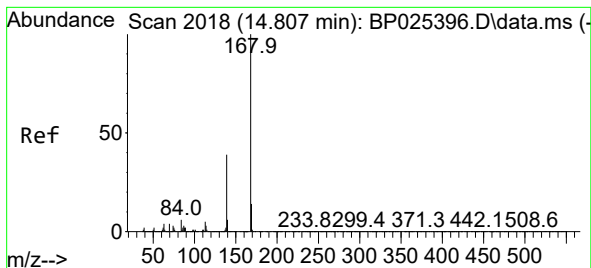
Tgt Ion:138 Resp: 196614
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 108.6 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 109.490 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:184 Resp: 409774
Ion Ratio Lower Upper
184 100
63 63.6 49.4 74.2
154 69.4 54.6 82.0





#55

Dibenzofuran

Concen: 45.505 ng

RT: 14.796 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

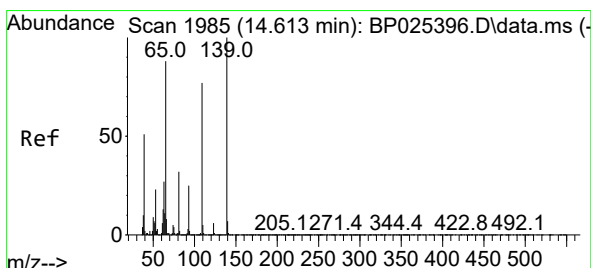
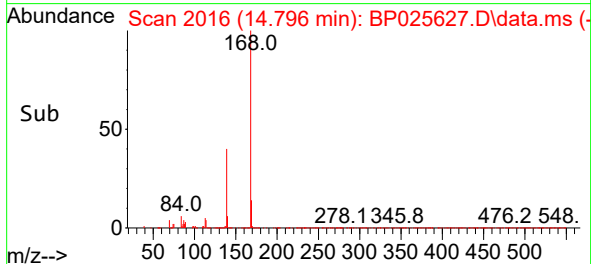
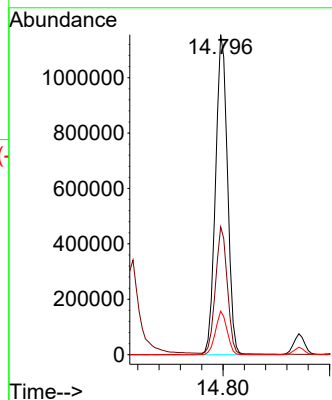
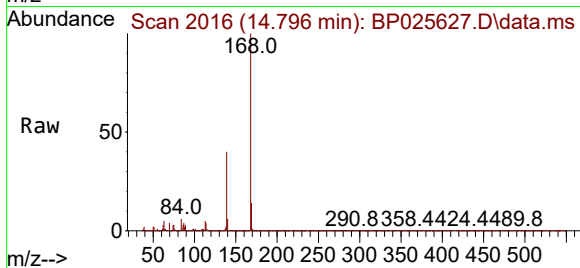
Tgt Ion:168 Resp: 1793894

Ion Ratio Lower Upper

168 100

139 39.9 31.5 47.3

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 95.670 ng

RT: 14.631 min Scan# 1988

Delta R.T. 0.018 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

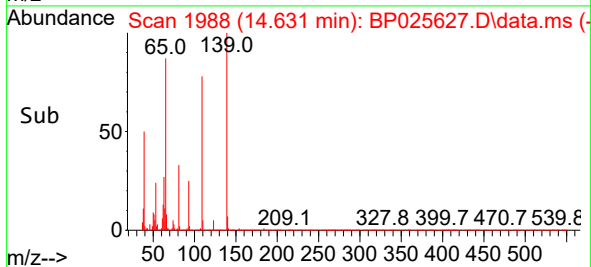
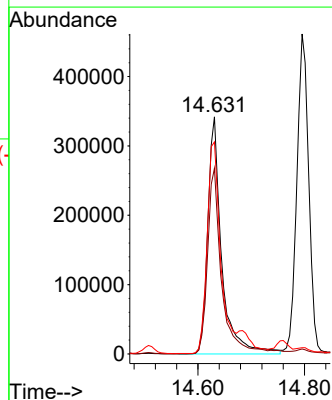
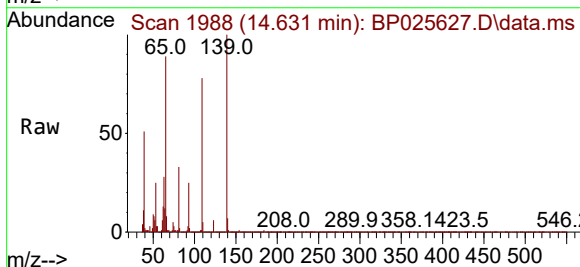
Tgt Ion:139 Resp: 619871

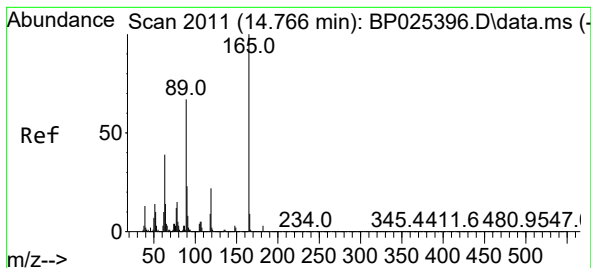
Ion Ratio Lower Upper

139 100

109 78.3 56.6 96.6

65 89.4 68.2 108.2

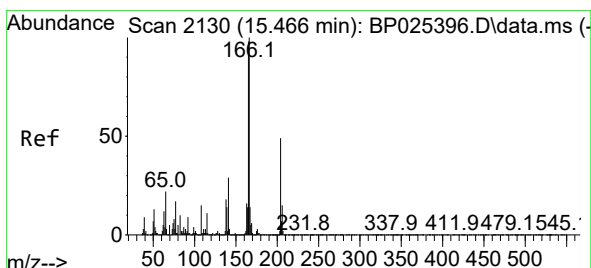
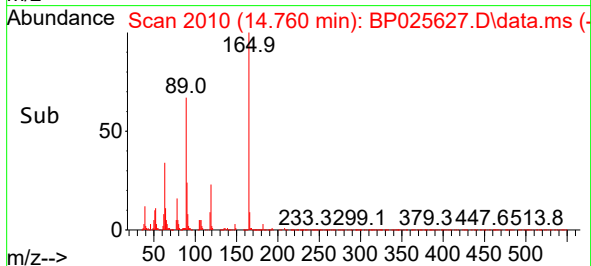
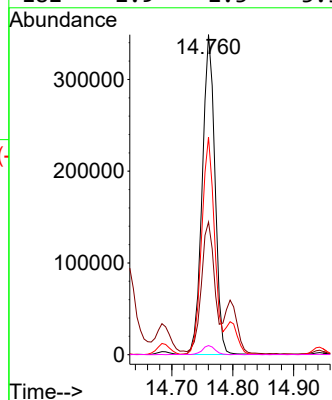
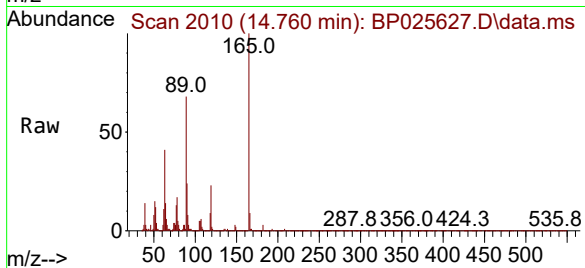




#57
2,4-Dinitrotoluene
Concen: 50.328 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

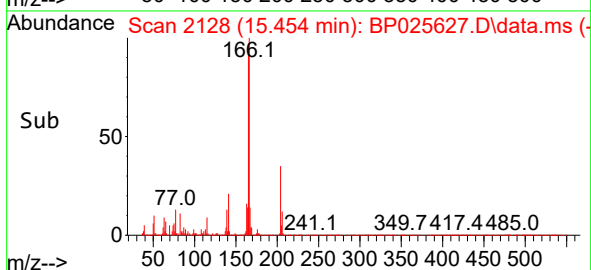
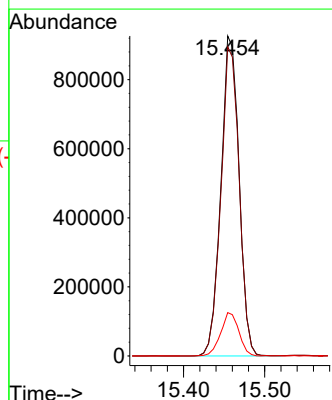
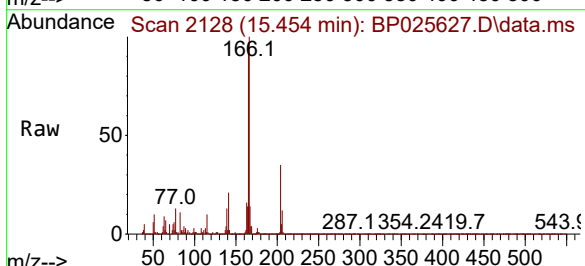
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

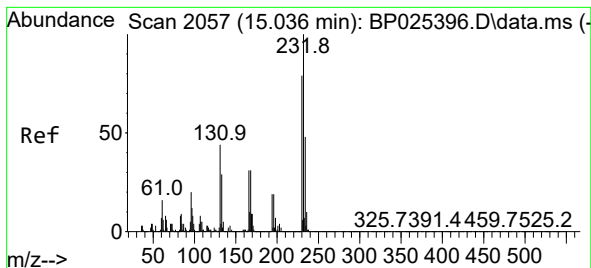
Tgt Ion:165 Resp: 503227
Ion Ratio Lower Upper
165 100
63 41.5 31.4 47.2
89 68.0 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 46.407 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:166 Resp: 1443560
Ion Ratio Lower Upper
166 100
165 96.6 78.8 118.2
167 13.5 11.0 16.4

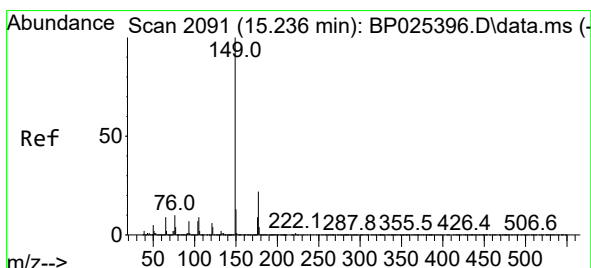
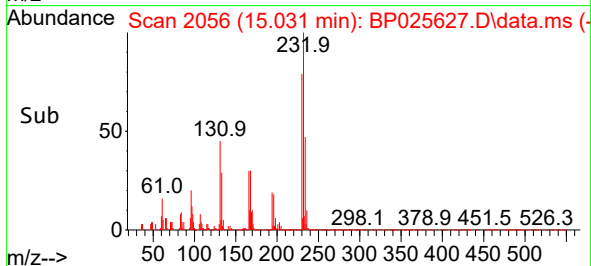
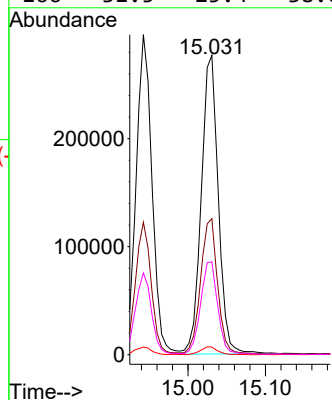
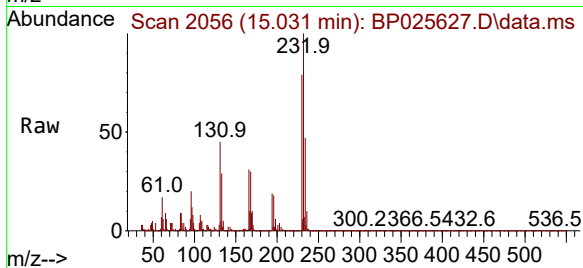




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.179 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

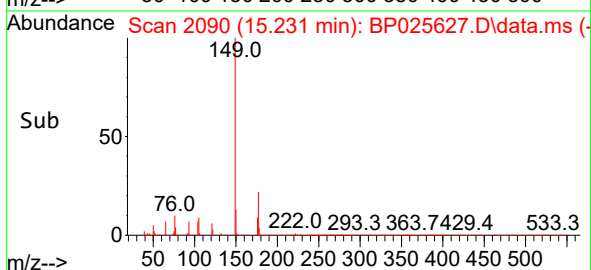
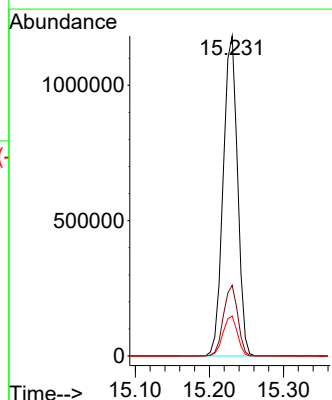
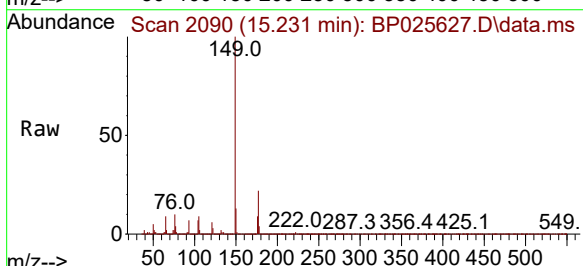
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

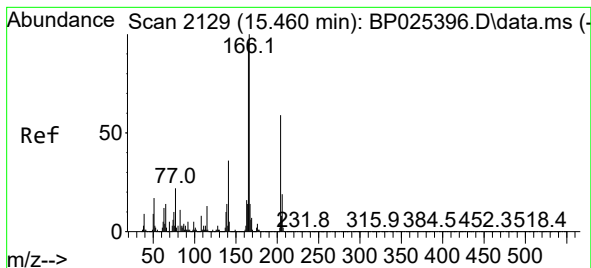
Tgt Ion:232 Resp: 421336
Ion Ratio Lower Upper
232 100
131 45.4 37.0 55.6
130 2.7 1.9 2.9
166 31.5 25.4 38.0



#60
Diethylphthalate
Concen: 47.108 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:149 Resp: 1591585
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.5 10.3 15.5

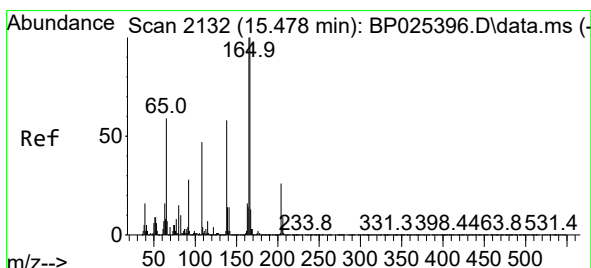
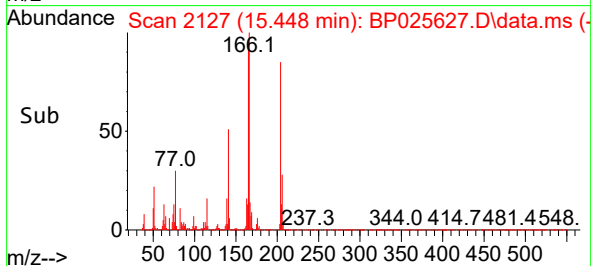
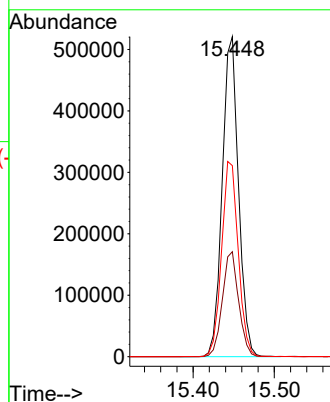
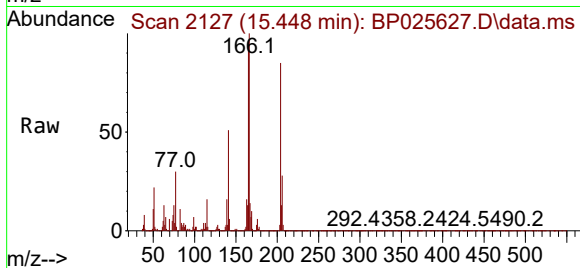




#61
4-Chlorophenyl-phenylether
Concen: 46.870 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

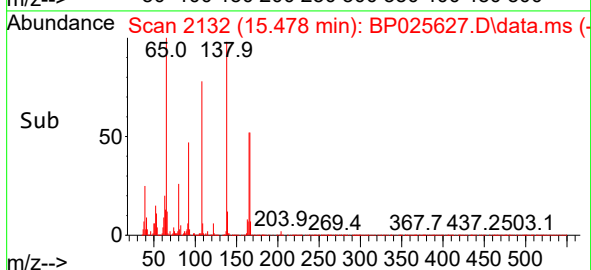
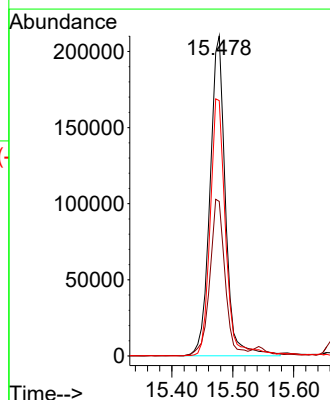
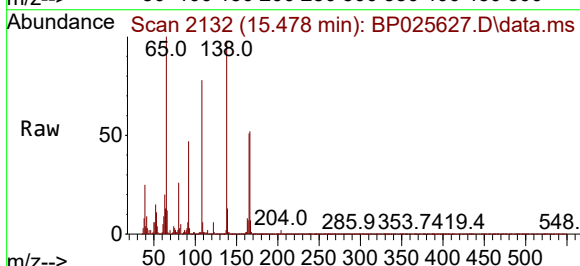
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

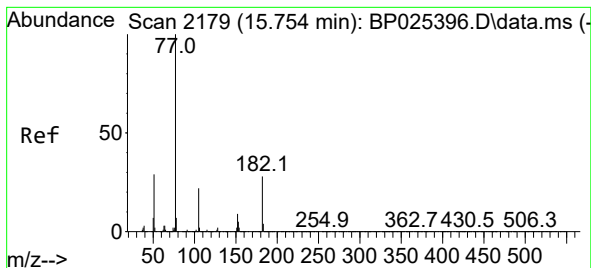
Tgt Ion:204 Resp: 725104
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 59.7 49.4 74.2



#62
4-Nitroaniline
Concen: 45.828 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:138 Resp: 370448
Ion Ratio Lower Upper
138 100
92 48.3 29.1 69.1
108 79.8 61.5 101.5





#63

Azobenzene

Concen: 54.144 ng

RT: 15.748 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

Tgt Ion: 77 Resp: 1566353

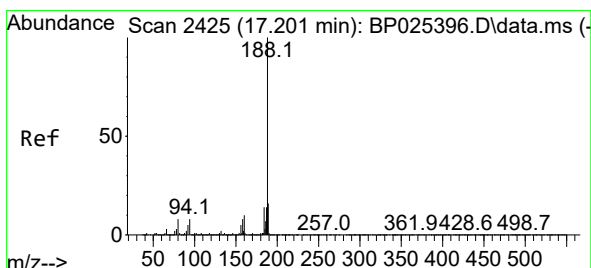
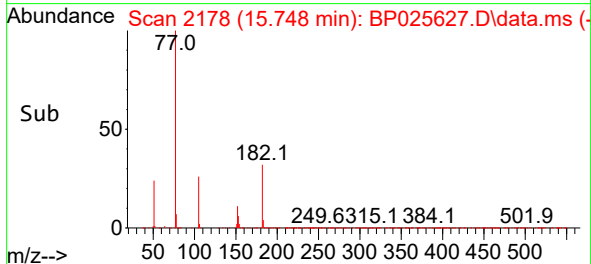
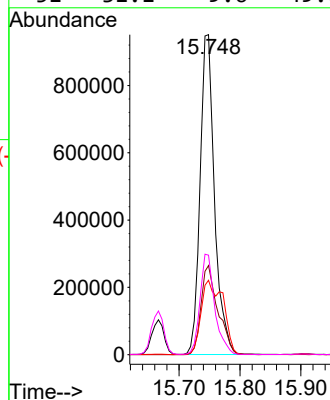
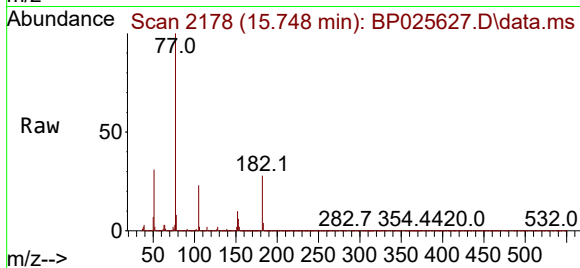
Ion Ratio Lower Upper

77 100

182 27.9 7.5 47.5

105 23.3 2.1 42.1

51 31.1 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: BP025627.D

Acq: 29 Aug 2025 16:03

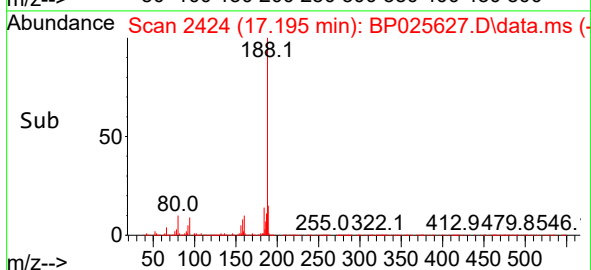
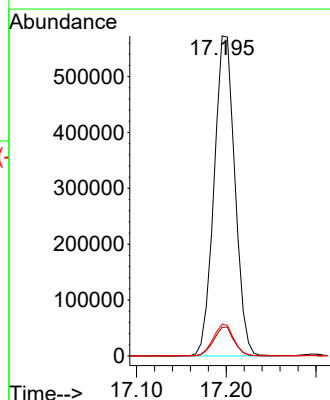
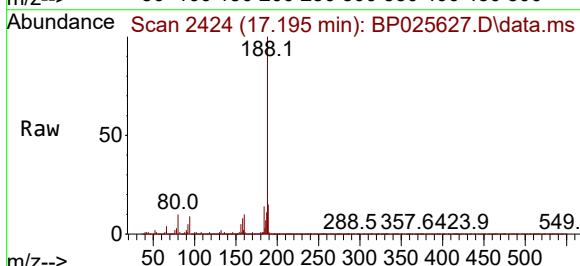
Tgt Ion:188 Resp: 923543

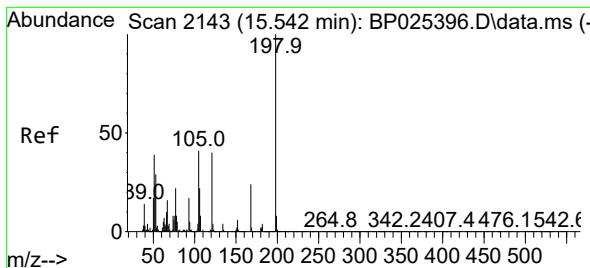
Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.9 6.7 10.1

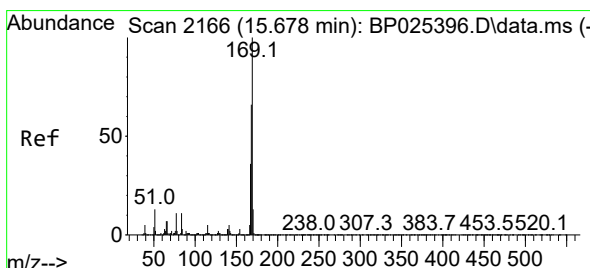
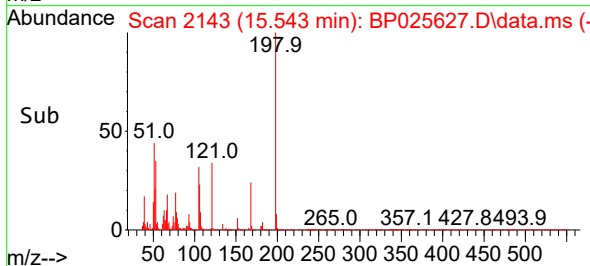
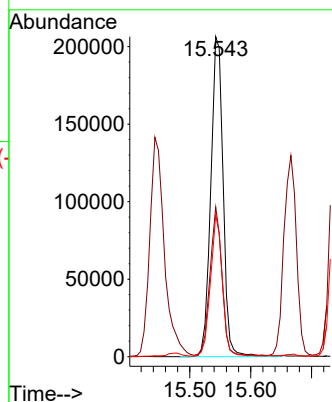
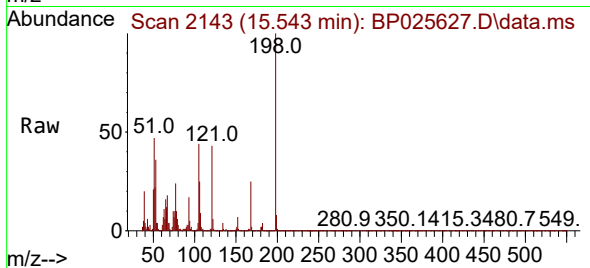




#65
4,6-Dinitro-2-methylphenol
Concen: 50.546 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

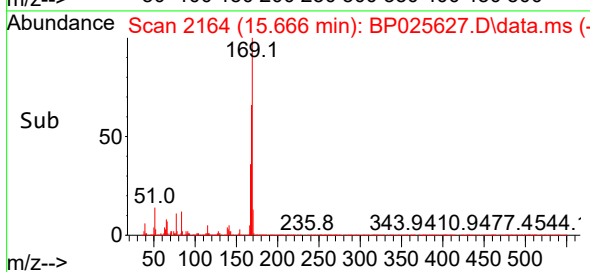
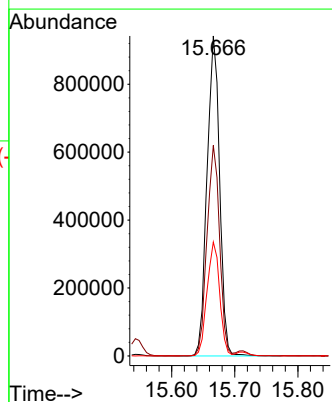
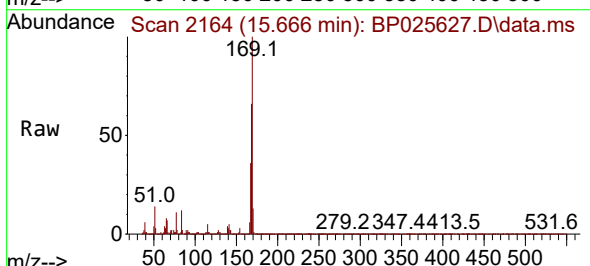
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

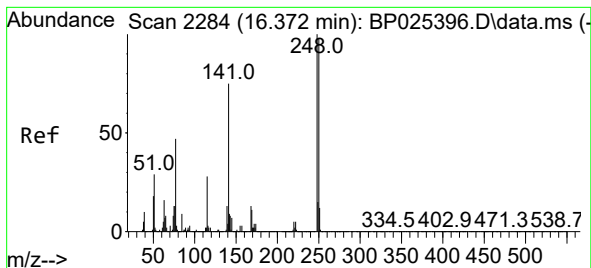
Tgt Ion:198 Resp: 290987
Ion Ratio Lower Upper
198 100
51 46.8 19.6 59.6
105 44.3 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 46.194 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:169 Resp: 1300935
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.6 28.7 43.1

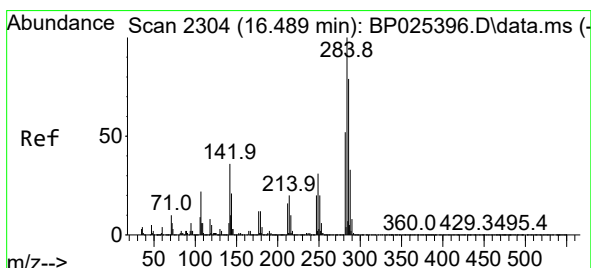
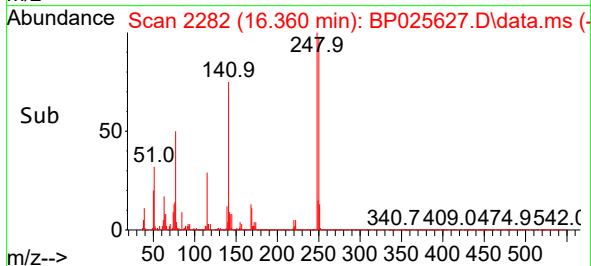
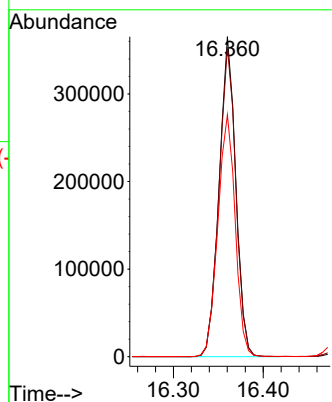
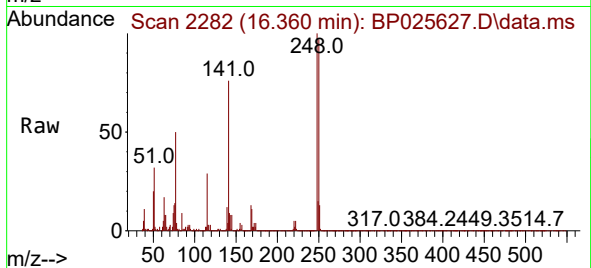




#67
4-Bromophenyl-phenylether
Concen: 46.424 ng
RT: 16.360 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

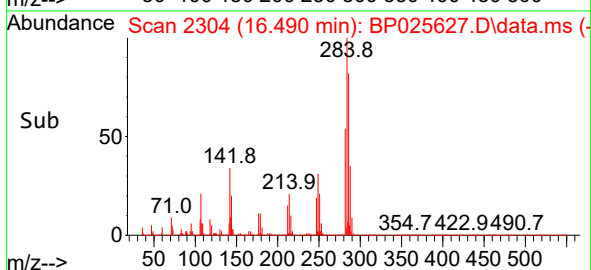
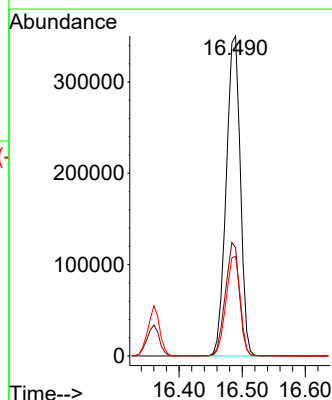
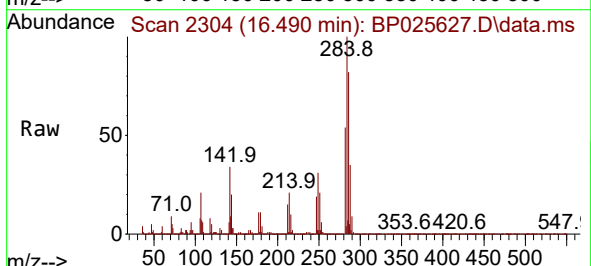
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

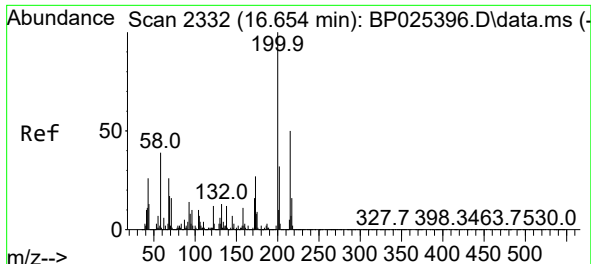
Tgt Ion:248 Resp: 471538
Ion Ratio Lower Upper
248 100
250 96.8 78.2 117.2
141 75.6 59.6 89.4



#68
Hexachlorobenzene
Concen: 46.279 ng
RT: 16.490 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:284 Resp: 544911
Ion Ratio Lower Upper
284 100
142 33.8 29.1 43.7
249 31.2 25.0 37.4

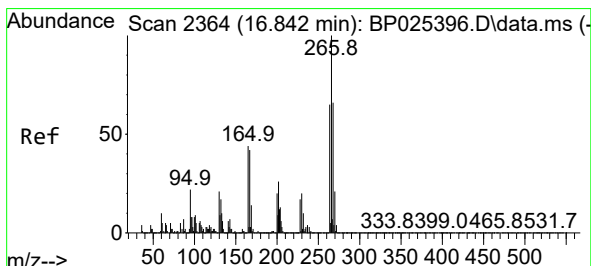
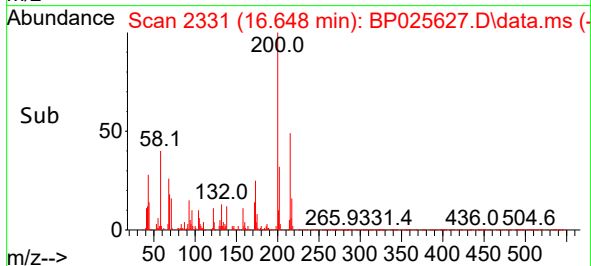
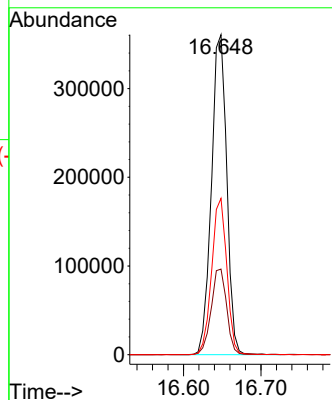
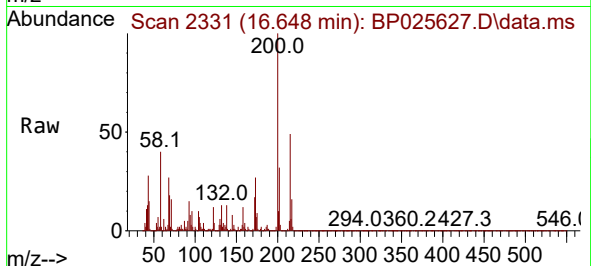




#69
Atrazine
Concen: 46.954 ng
RT: 16.648 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

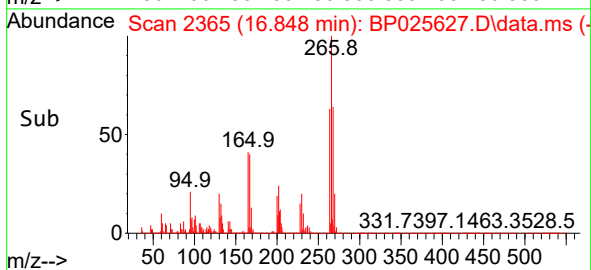
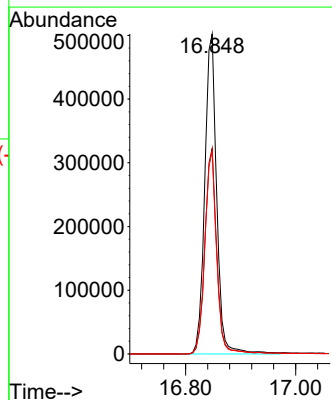
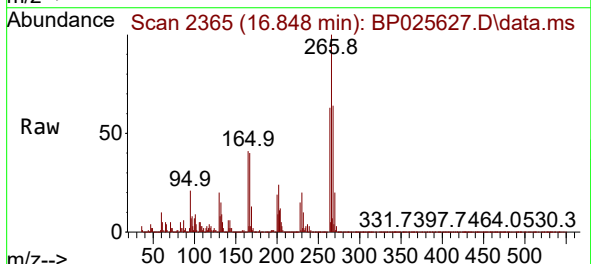
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

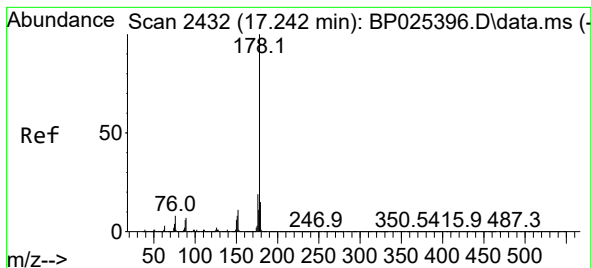
Tgt Ion:200 Resp: 495221
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 48.9 29.7 69.7



#70
Pentachlorophenol
Concen: 101.622 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025627.D
Acq: 29 Aug 2025 16:03

Tgt Ion:266 Resp: 755317
Ion Ratio Lower Upper
266 100
268 64.3 52.6 79.0
264 63.4 52.0 78.0





#71

Phenanthrene

Concen: 45.487 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

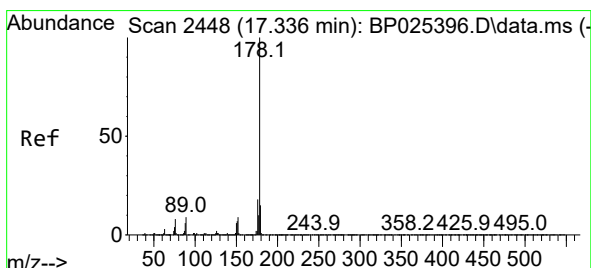
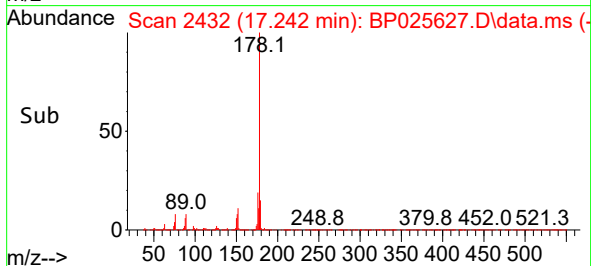
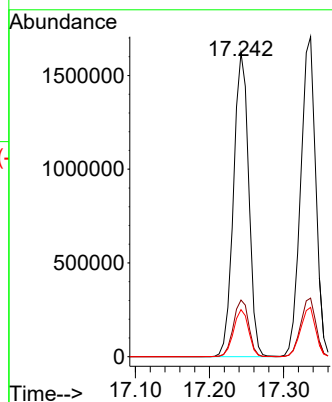
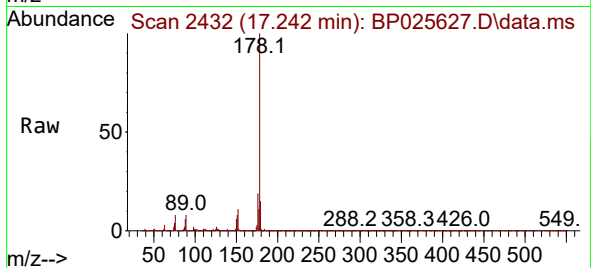
Tgt Ion:178 Resp: 2307702

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.5 12.2 18.4



#72

Anthracene

Concen: 46.728 ng

RT: 17.337 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

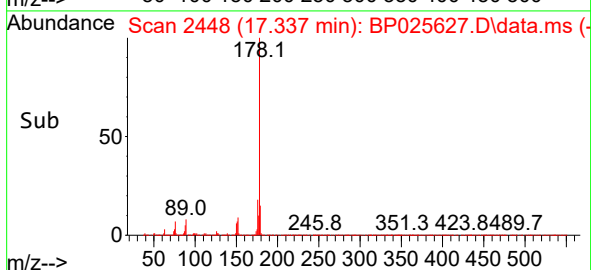
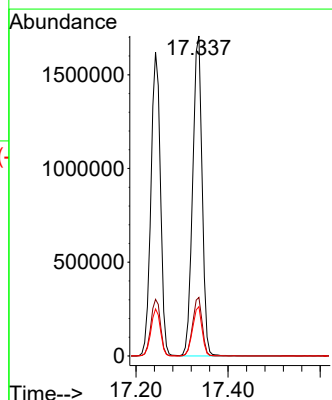
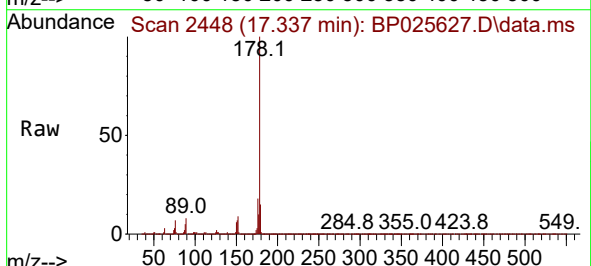
Tgt Ion:178 Resp: 2420914

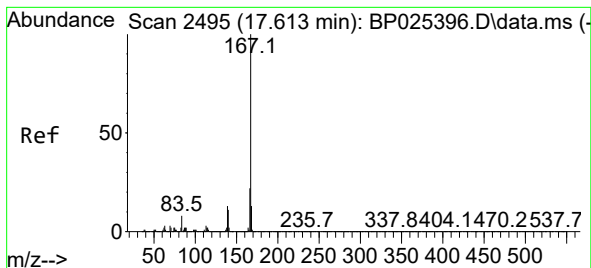
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.4 12.2 18.2





#73

Carbazole

Concen: 47.956 ng

RT: 17.619 min Scan# 2495

Delta R.T. 0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

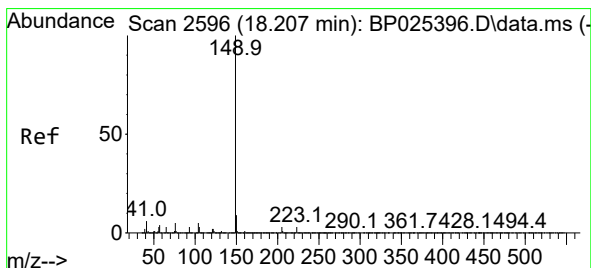
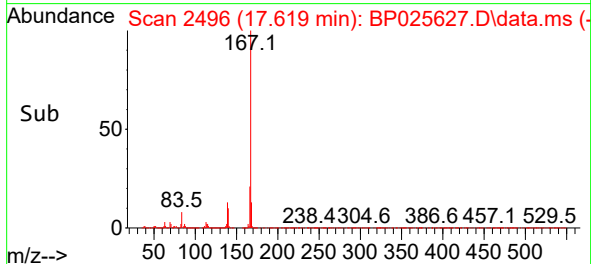
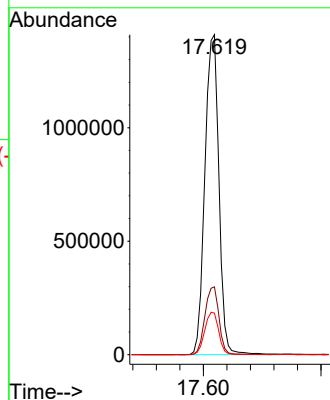
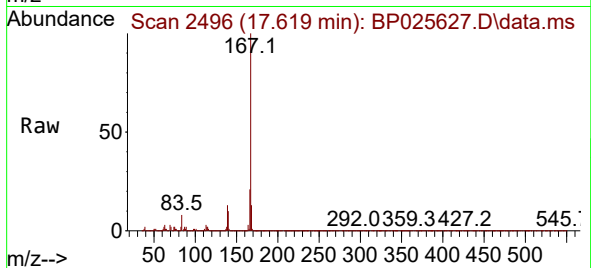
Tgt Ion:167 Resp: 2340208

Ion Ratio Lower Upper

167 100

166 21.2 17.5 26.3

139 13.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.677 ng

RT: 18.207 min Scan# 2596

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

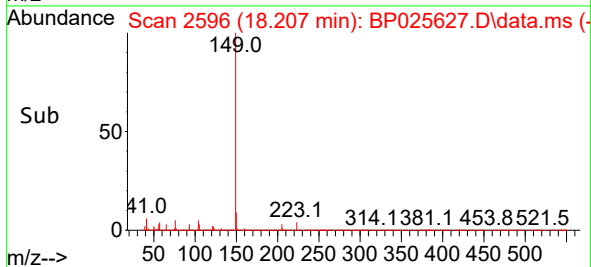
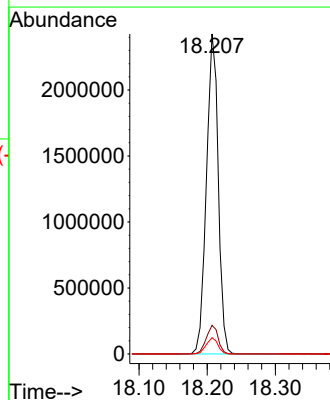
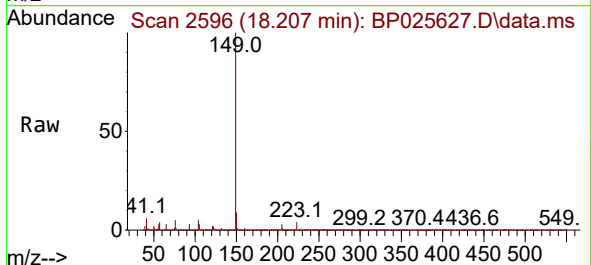
Tgt Ion:149 Resp: 2922520

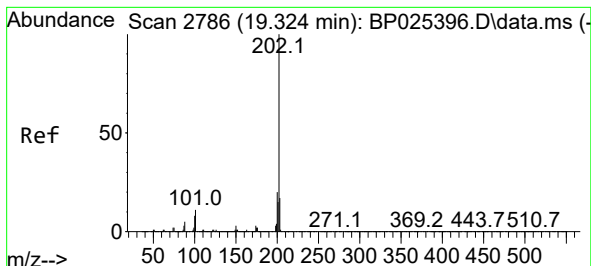
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 47.332 ng

RT: 19.331 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

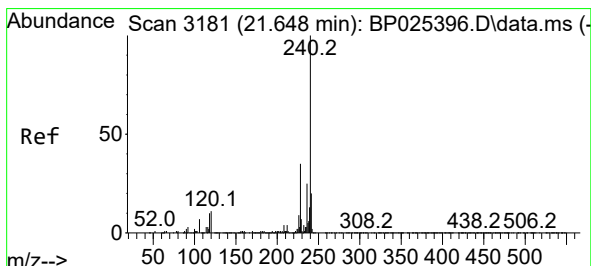
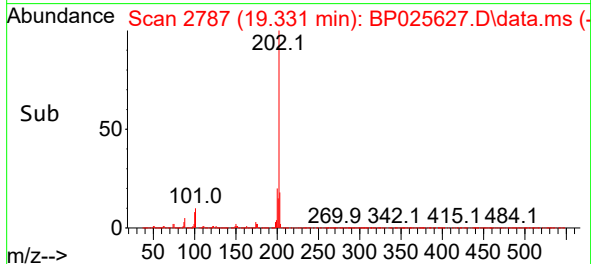
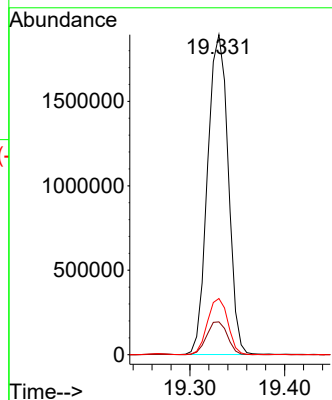
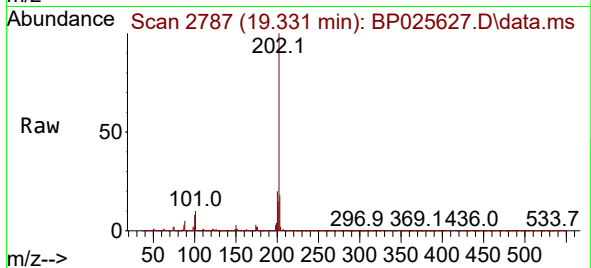
Tgt Ion:202 Resp: 2864338

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.1

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

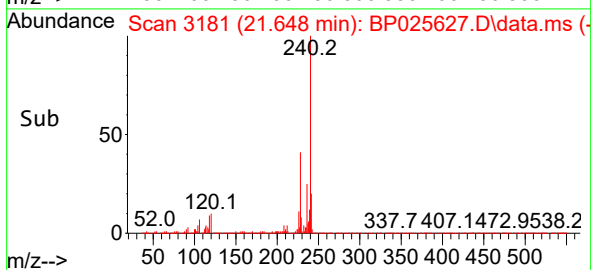
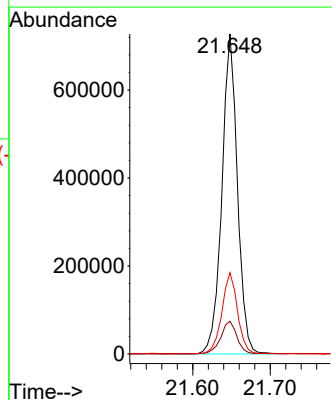
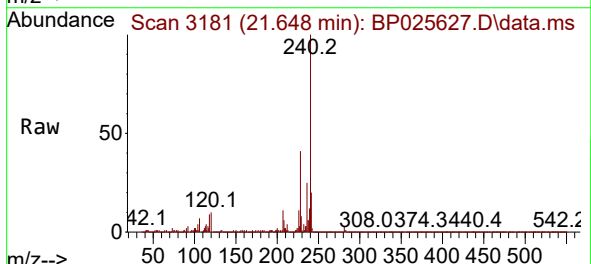
Tgt Ion:240 Resp: 1014373

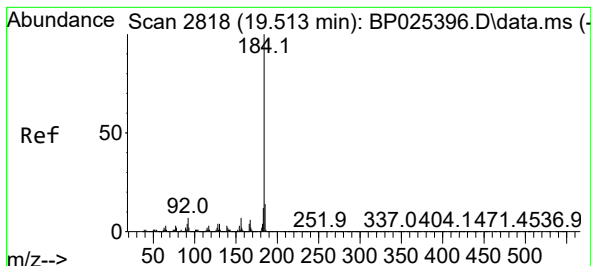
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.4 19.8 29.8





#77

Benzidine

Concen: 41.275 ng

RT: 19.513 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

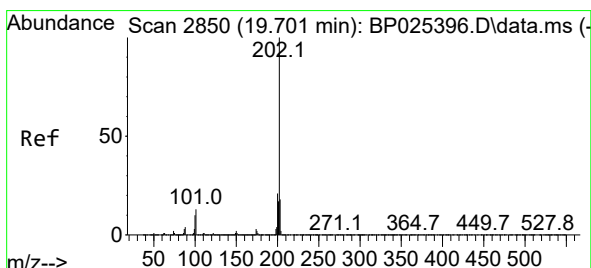
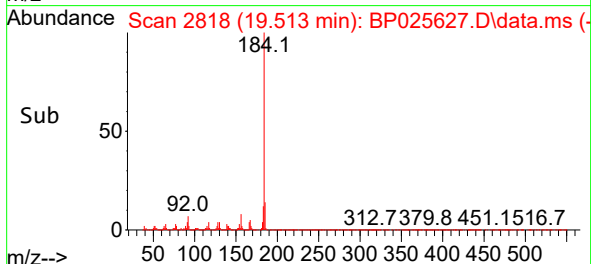
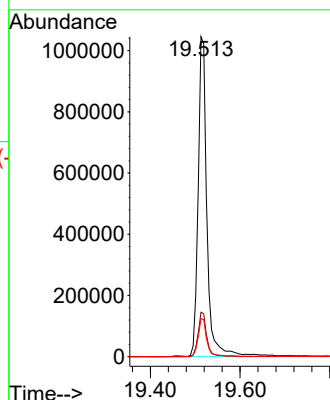
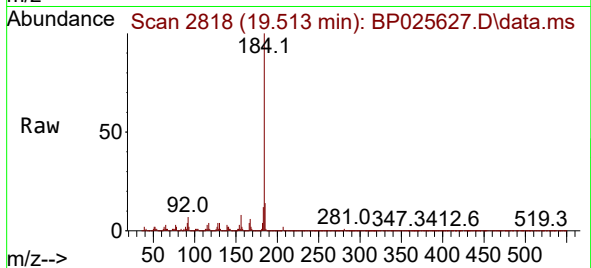
Tgt Ion:184 Resp: 1428879

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 11.9 9.4 14.2



#78

Pyrene

Concen: 44.665 ng

RT: 19.707 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

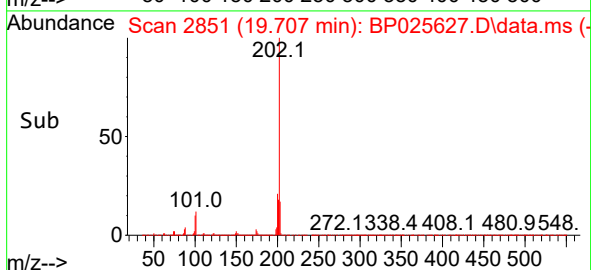
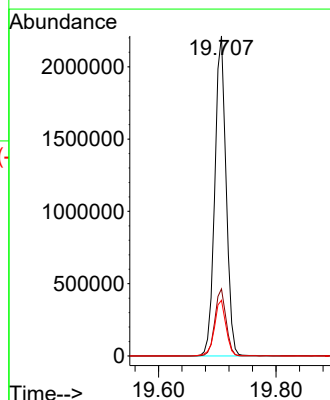
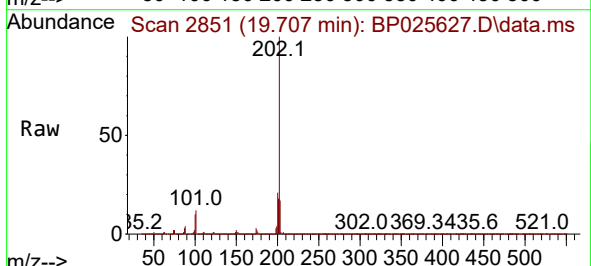
Tgt Ion:202 Resp: 2944800

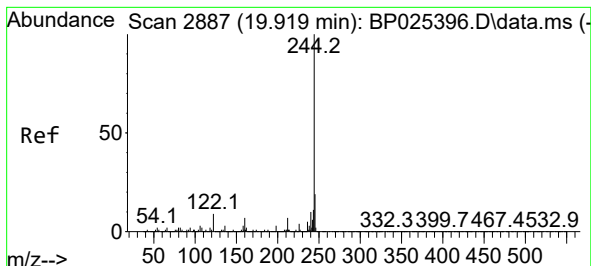
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 53.450 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

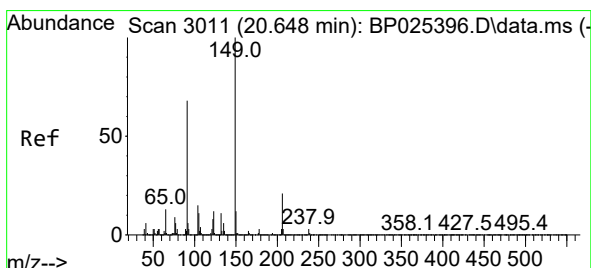
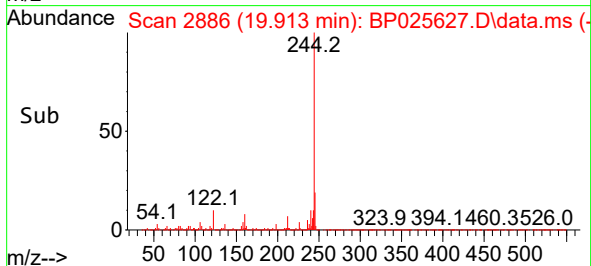
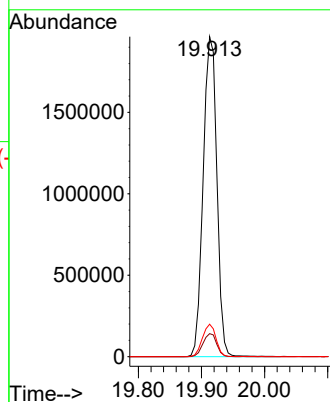
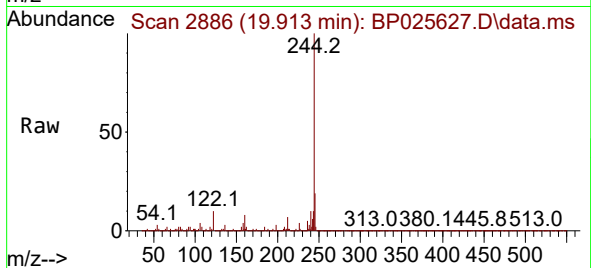
Tgt Ion:244 Resp: 2963423

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.2 7.4 11.2



#80

Butylbenzylphthalate

Concen: 48.424 ng

RT: 20.642 min Scan# 3010

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

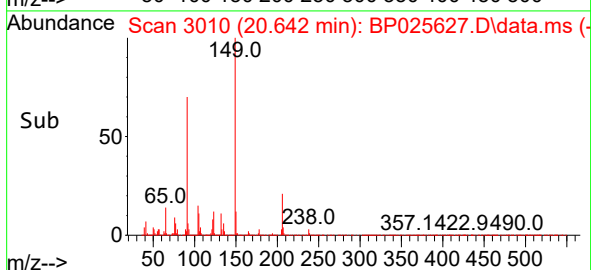
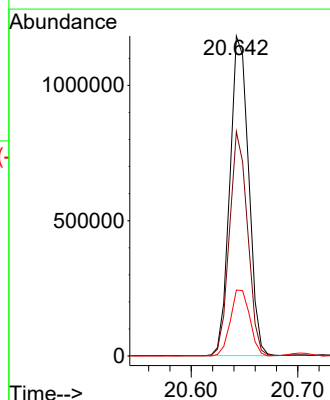
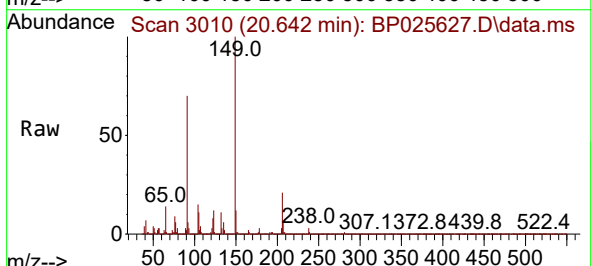
Tgt Ion:149 Resp: 1446936

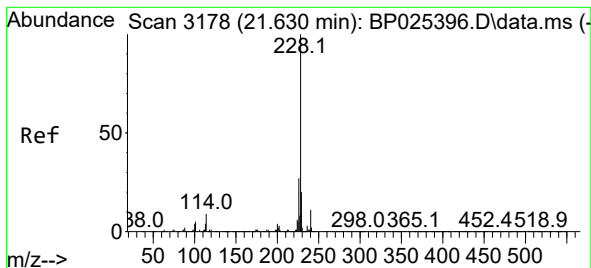
Ion Ratio Lower Upper

149 100

91 70.1 54.2 81.2

206 20.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.101 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

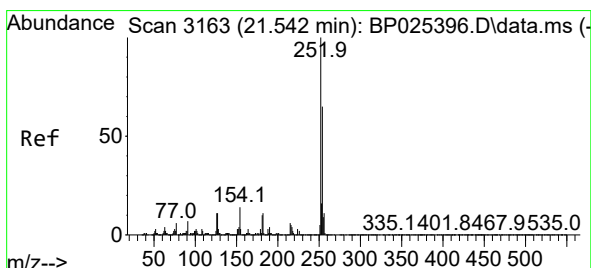
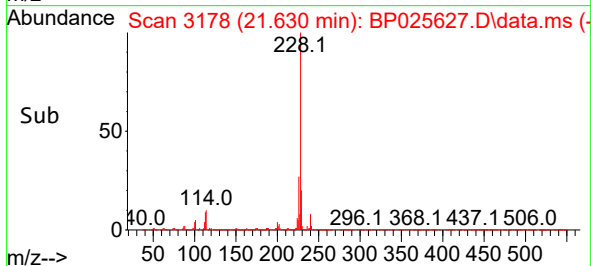
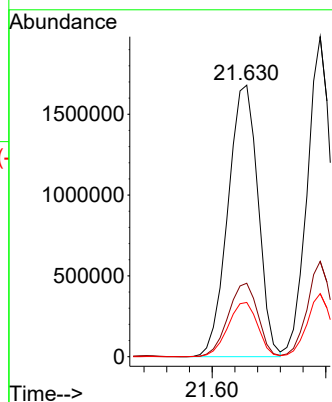
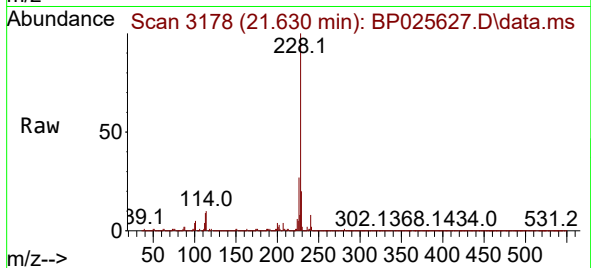
Tgt Ion:228 Resp: 3084108

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 25.315 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

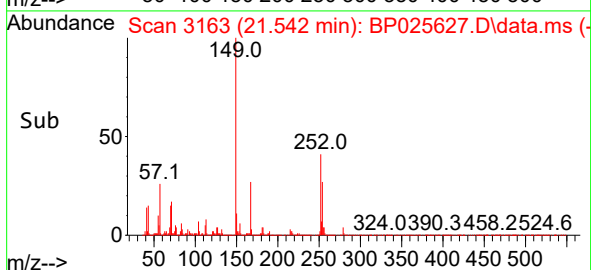
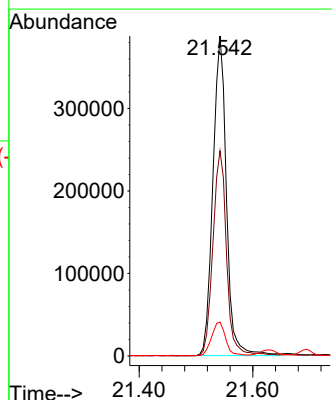
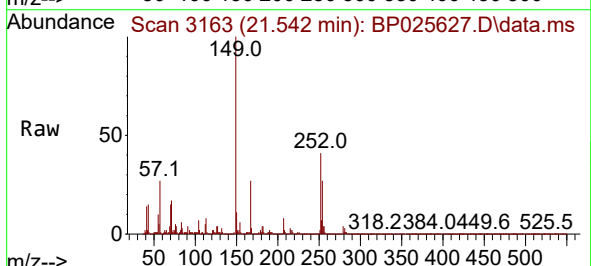
Tgt Ion:252 Resp: 638325

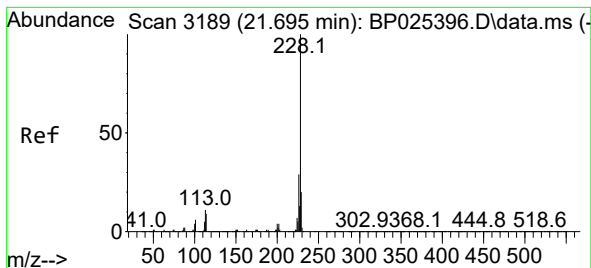
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.6

126 10.6 9.1 13.7





#83

Chrysene

Concen: 46.197 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

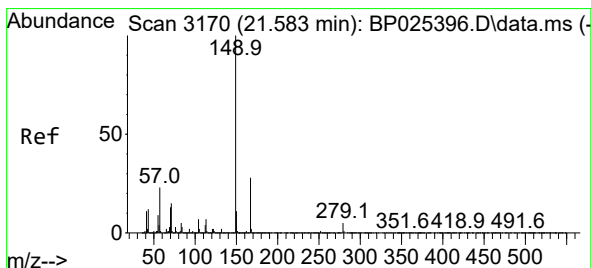
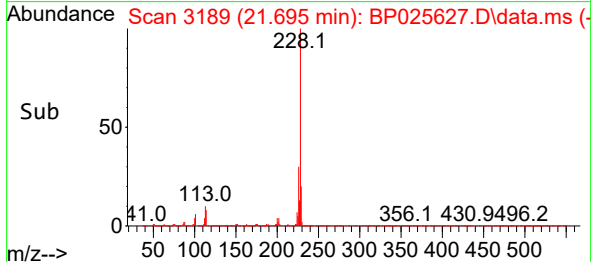
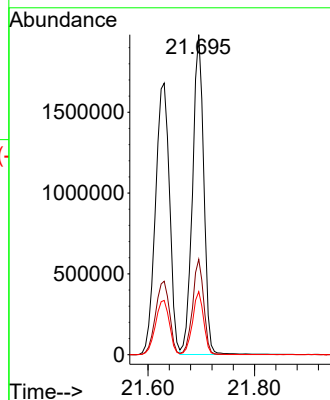
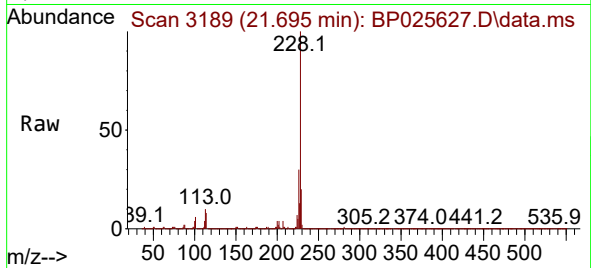
Tgt Ion:228 Resp: 2894243

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.778 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

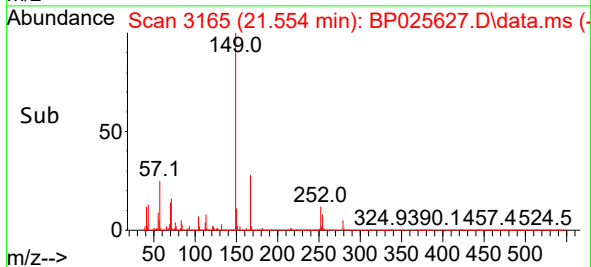
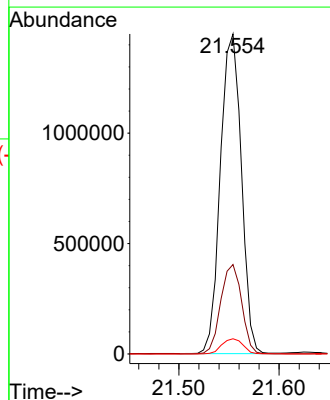
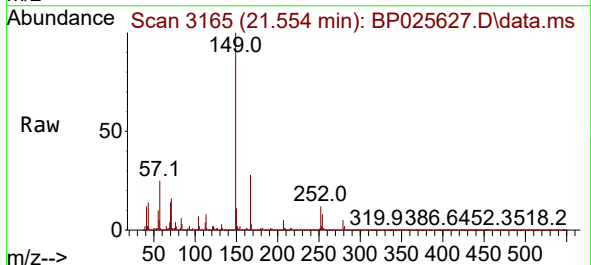
Tgt Ion:149 Resp: 2101549

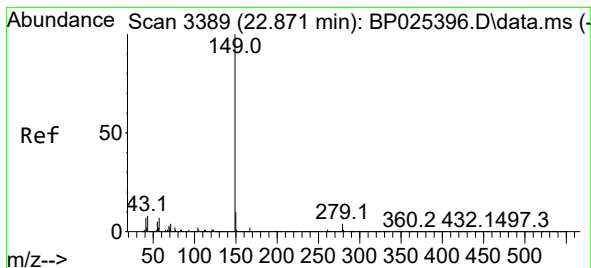
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.372 ng

RT: 22.836 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

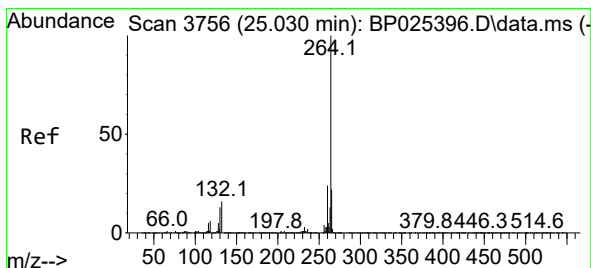
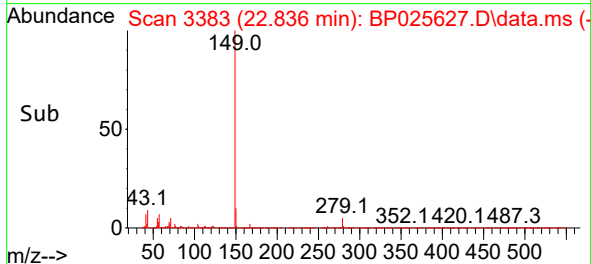
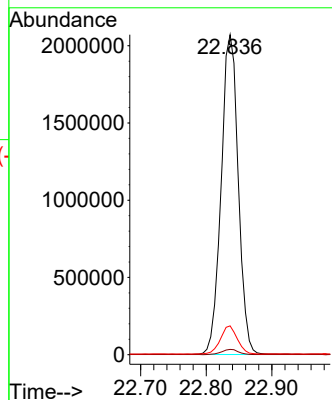
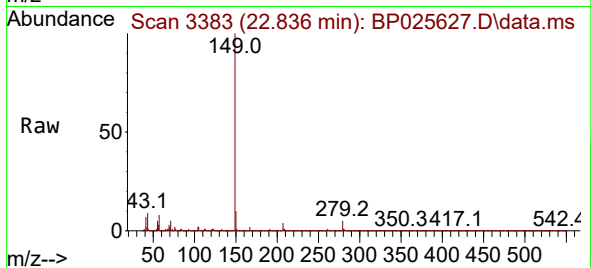
Tgt Ion:149 Resp: 3735372

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.013 min Scan# 3753

Delta R.T. -0.017 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

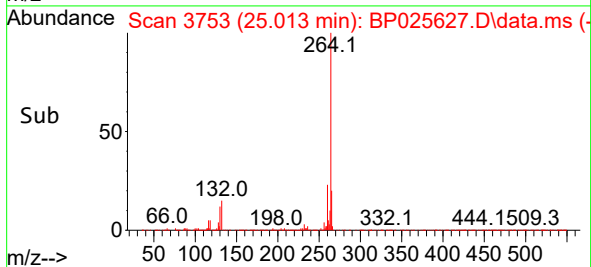
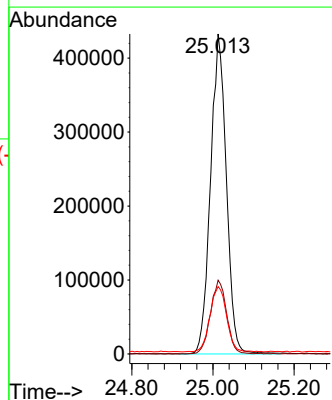
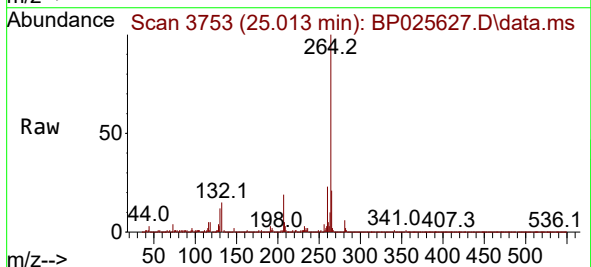
Tgt Ion:264 Resp: 1167534

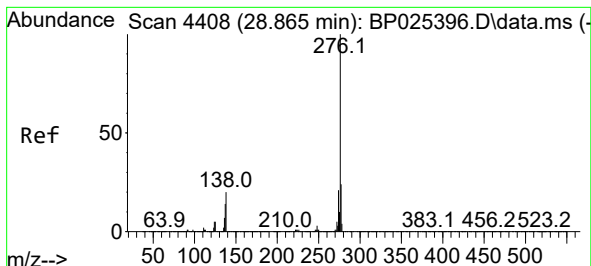
Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.382 ng

RT: 28.865 min Scan# 4408

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

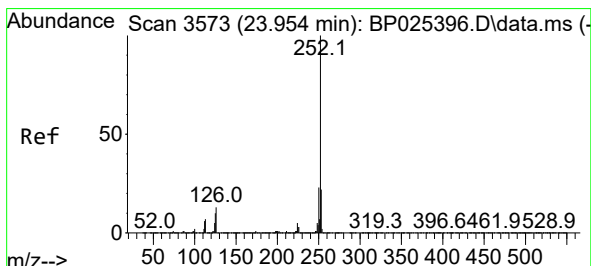
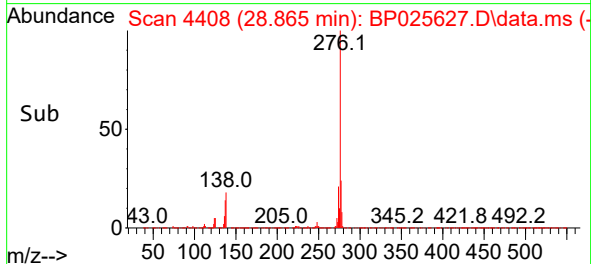
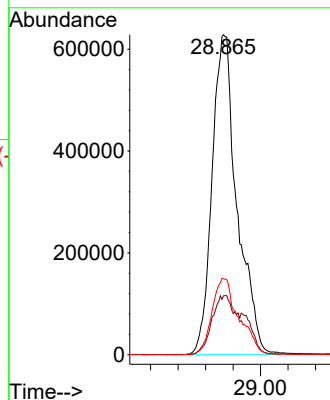
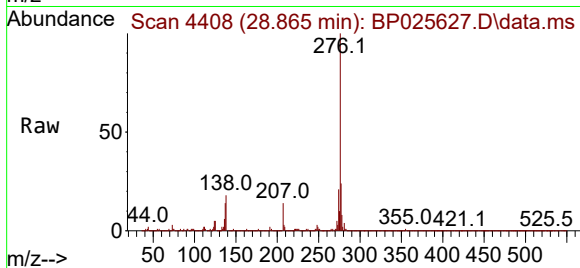
Tgt Ion:276 Resp: 3971348

Ion Ratio Lower Upper

276 100

138 17.2 12.9 19.3

277 25.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 47.083 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

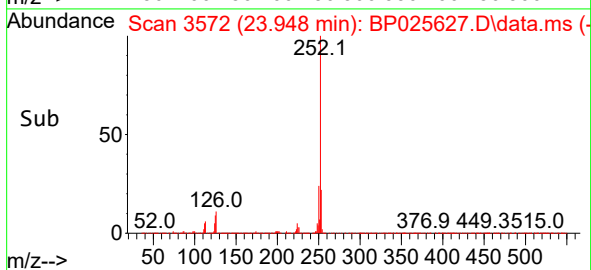
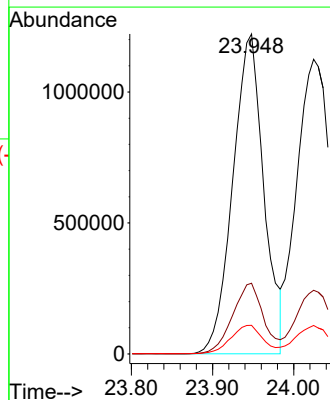
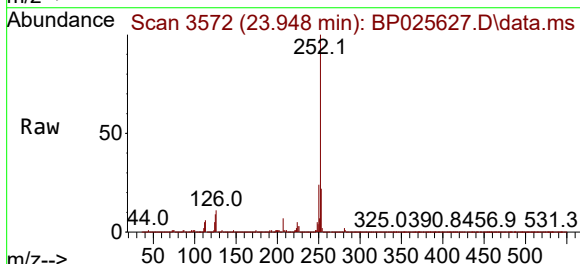
Tgt Ion:252 Resp: 3241476

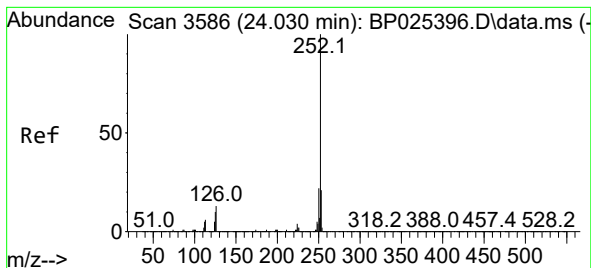
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.171 ng

RT: 24.024 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

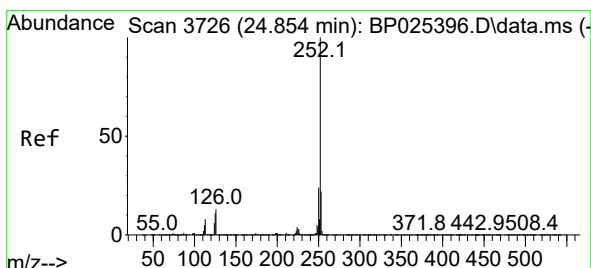
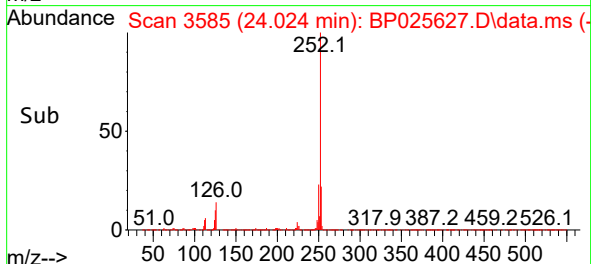
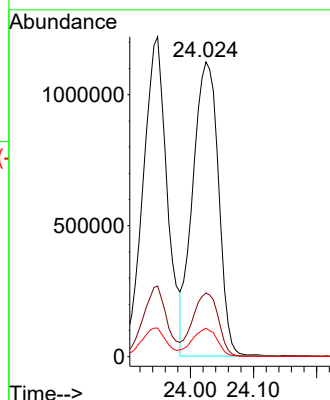
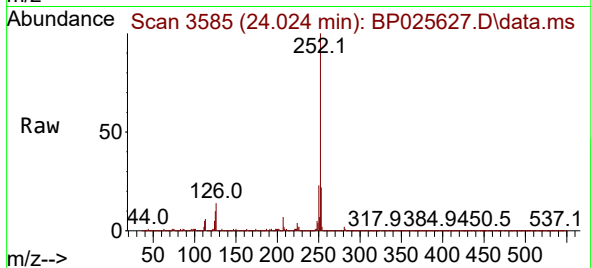
Tgt Ion:252 Resp: 3180886

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.6 7.8 11.6



#90

Benzo(a)pyrene

Concen: 46.549 ng

RT: 24.860 min Scan# 3727

Delta R.T. 0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

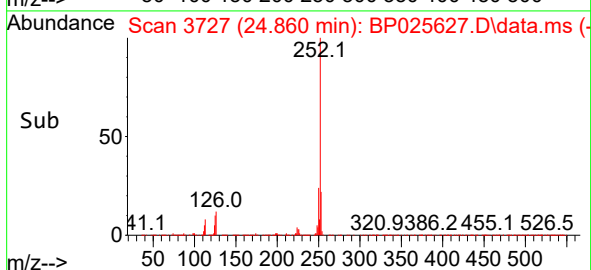
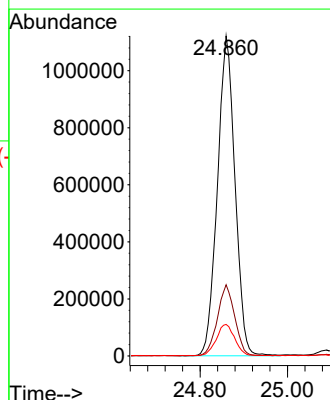
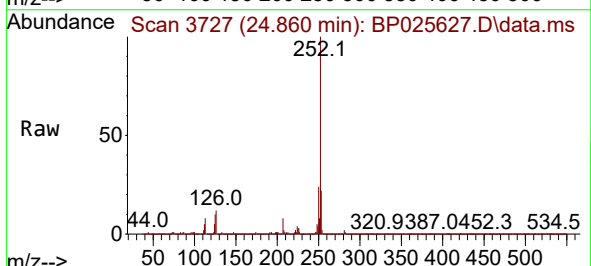
Tgt Ion:252 Resp: 3119532

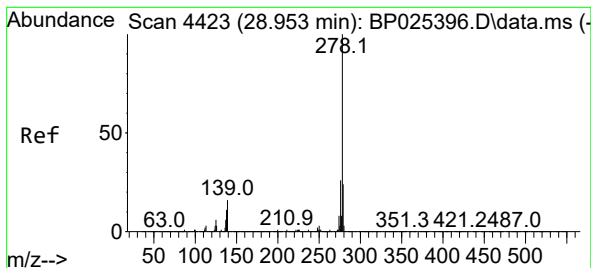
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.518 ng

RT: 28.954 min Scan# 4423

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3MS

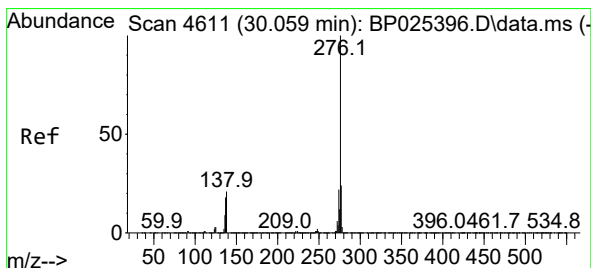
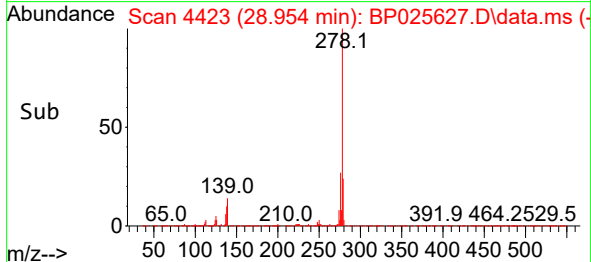
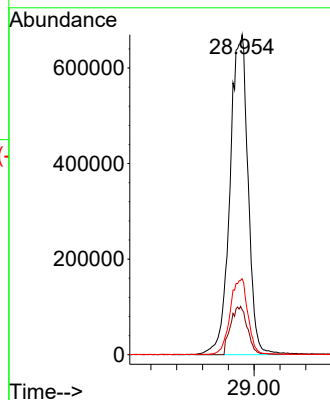
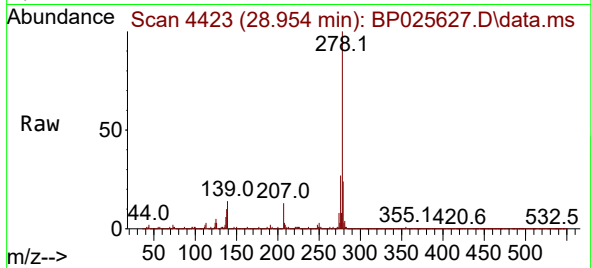
Tgt Ion:278 Resp: 3254902

Ion Ratio Lower Upper

278 100

139 14.0 13.0 19.4

279 23.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 46.490 ng

RT: 30.071 min Scan# 4613

Delta R.T. 0.012 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Tgt Ion:276 Resp: 3197569

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 19.3 16.7 25.1

