

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025641.D
 Acq On : 02 Sep 2025 16:56
 Operator : CG/JU
 Sample : Q2989-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-5MS

Quant Time: Sep 02 17:21:23 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	157447	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	620874	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	402678	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	815784	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	851929	20.000	ng	0.00
86) Perylene-d12	25.006	264	966507	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	906274	95.591	ng	0.00
7) Phenol-d6	6.960	99	1156387	95.136	ng	0.00
23) Nitrobenzene-d5	8.913	82	732637	59.691	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	555675	102.522	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	1587906	53.893	ng	-0.02
79) Terphenyl-d14	19.907	244	2683647	57.633	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	160558	43.235	ng	96
3) Pyridine	3.713	79	440789	43.366	ng	94
4) n-Nitrosodimethylamine	3.625	42	218616	52.170	ng	95
6) Aniline	7.107	93	428238	26.149	ng	96
8) 2-Chlorophenol	7.349	128	528084	49.360	ng	98
9) Benzaldehyde	6.925	77	209037	24.546	ng	97
10) Phenol	6.990	94	627071	49.165	ng	97
11) bis(2-Chloroethyl)ether	7.196	93	456137	45.884	ng	97
12) 1,3-Dichlorobenzene	7.660	146	551396	46.740	ng	98
13) 1,4-Dichlorobenzene	7.807	146	557840	46.264	ng	98
14) 1,2-Dichlorobenzene	8.119	146	542597	46.487	ng	99
15) Benzyl Alcohol	8.007	79	461906	47.826	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	645299	48.456	ng	99
17) 2-Methylphenol	8.219	107	426185	48.111	ng	99
18) Hexachloroethane	8.837	117	212824	48.005	ng	98
19) n-Nitroso-di-n-propyla...	8.566	70	360034	44.717	ng	96
20) 3+4-Methylphenols	8.537	107	580591	47.283	ng	98
22) Acetophenone	8.584	105	746925	47.971	ng	# 97
24) Nitrobenzene	8.954	77	536177	48.880	ng	99
25) Isophorone	9.478	82	1018703	46.899	ng	98
26) 2-Nitrophenol	9.660	139	287462	51.064	ng	98
27) 2,4-Dimethylphenol	9.725	122	480009	49.582	ng	97
28) bis(2-Chloroethoxy)met...	9.948	93	619050	47.147	ng	98
29) 2,4-Dichlorophenol	10.201	162	486577	50.595	ng	98
30) 1,2,4-Trichlorobenzene	10.407	180	500410	47.466	ng	96
31) Naphthalene	10.590	128	1523003	47.195	ng	99
32) Benzoic acid	9.895	122	381762	53.414	ng	95
33) 4-Chloroaniline	10.695	127	223955	15.711	ng	98
34) Hexachlorobutadiene	10.872	225	316873	48.263	ng	98
35) Caprolactam	11.501	113	175646	49.809	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	558120	50.576	ng	98
37) 2-Methylnaphthalene	12.195	142	959049	45.668	ng	99
38) 1-Methylnaphthalene	12.419	142	1016081	45.496	ng	99
40) 1,2,4,5-Tetrachloroben...	12.566	216	561998	48.324	ng	99
41) Hexachlorocyclopentadiene	12.542	237	620479	88.326	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	395939	50.429	ng	99

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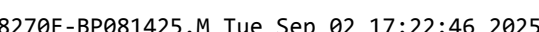
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	435744	50.639	ng	98
46) 1,1'-Biphenyl	13.207	154	1393830	47.661	ng	99
47) 2-Chloronaphthalene	13.248	162	1069039	46.956	ng	100
48) 2-Nitroaniline	13.460	65	359757	54.232	ng	97
49) Acenaphthylene	14.101	152	1819338	48.293	ng	99
50) Dimethylphthalate	13.842	163	1421262	48.199	ng	100
51) 2,6-Dinitrotoluene	13.948	165	314555	50.611	ng	93
52) Acenaphthene	14.454	154	1021442	46.192	ng	100
53) 3-Nitroaniline	14.289	138	187167	26.766	ng	97
54) 2,4-Dinitrophenol	14.513	184	378915	114.163	ng	97
55) Dibenzofuran	14.789	168	1668707	47.731	ng	99
56) 4-Nitrophenol	14.631	139	557517	97.025	ng	93
57) 2,4-Dinitrotoluene	14.760	165	463031	52.217	ng	97
58) Fluorene	15.454	166	1342240	48.656	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	386499	50.869	ng	99
60) Diethylphthalate	15.230	149	1523749	50.855	ng	99
61) 4-Chlorophenyl-phenyle...	15.442	204	667965	48.686	ng	98
62) 4-Nitroaniline	15.472	138	344008	47.988	ng	96
63) Azobenzene	15.742	77	1426606	55.606	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	267058	52.517	ng	95
66) n-Nitrosodiphenylamine	15.666	169	1189076	47.799	ng	100
67) 4-Bromophenyl-phenylether	16.360	248	439423	48.976	ng	99
68) Hexachlorobenzene	16.477	284	514922	49.509	ng	99
69) Atrazine	16.648	200	473882	50.866	ng	99
70) Pentachlorophenol	16.836	266	690508	105.174	ng	98
71) Phenanthrene	17.236	178	2166406	48.343	ng	99
72) Anthracene	17.324	178	2203641	48.152	ng	99
73) Carbazole	17.607	167	2119936	49.180	ng	99
74) Di-n-butylphthalate	18.195	149	2779464	52.409	ng	100
75) Fluoranthene	19.324	202	2594129	48.529	ng	99
77) Benzidine	19.507	184	969532	33.346	ng	99
78) Pyrene	19.701	202	2681388	48.424	ng	99
80) Butylbenzylphthalate	20.642	149	1303731	51.951	ng	100
81) Benzo(a)anthracene	21.618	228	2720953	48.428	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	579354	27.357	ng	99
83) Chrysene	21.689	228	2534334	48.166	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1904356	51.550	ng	99
85) Di-n-octyl phthalate	22.830	149	3336783	52.513	ng	98
87) Indeno(1,2,3-cd)pyrene	28.859	276	3490890	49.251	ng	# 88
88) Benzo(b)fluoranthene	23.936	252	2764802	48.512	ng	99
89) Benzo(k)fluoranthene	24.012	252	2781699	48.775	ng	99
90) Benzo(a)pyrene	24.853	252	2724422	49.109	ng	99
91) Dibenzo(a,h)anthracene	28.930	278	2867026	49.497	ng	97
92) Benzo(g,h,i)perylene	30.030	276	1512455	26.563	ng	98

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

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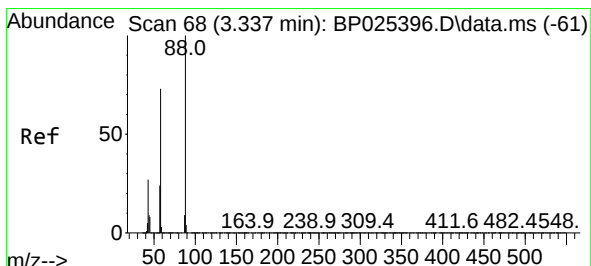
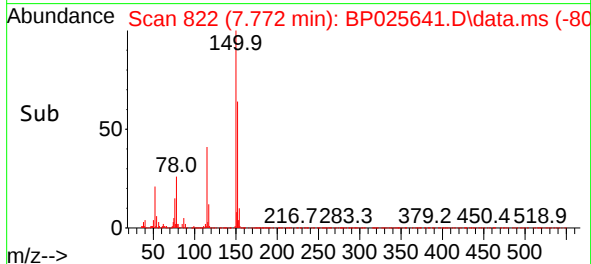
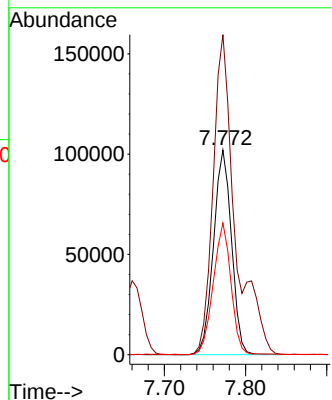
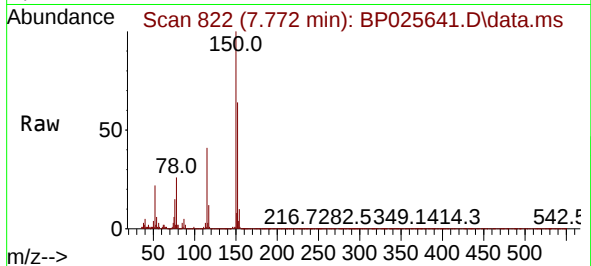




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

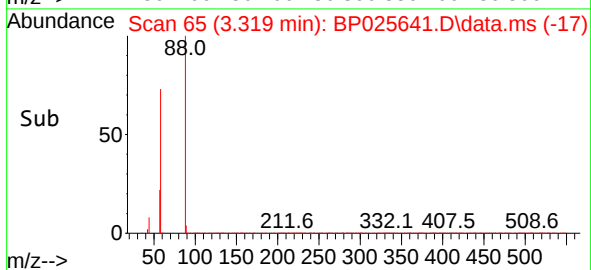
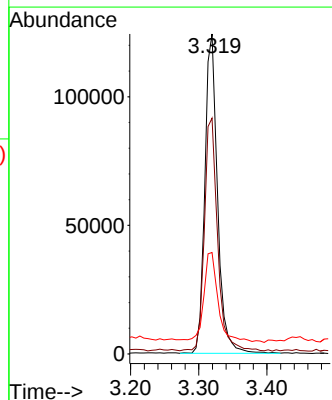
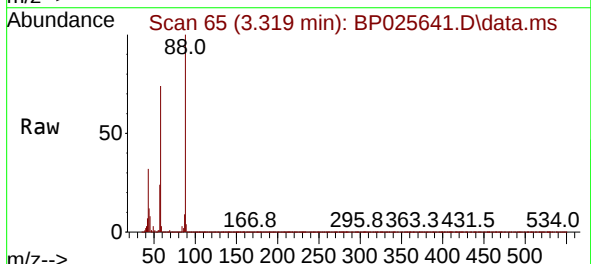
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Tgt Ion:152 Resp: 157447
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.9 188.9
 115 64.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 43.235 ng
 RT: 3.319 min Scan# 65
 Delta R.T. -0.018 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

Tgt Ion: 88 Resp: 160558
 Ion Ratio Lower Upper
 88 100
 58 75.6 59.2 88.8
 43 32.4 21.7 32.5

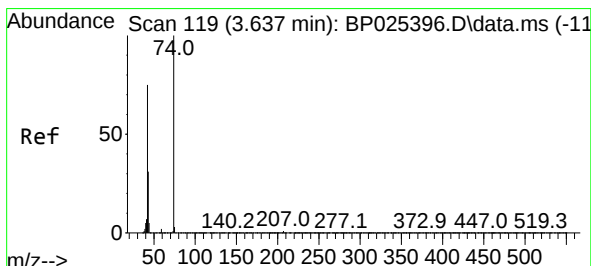
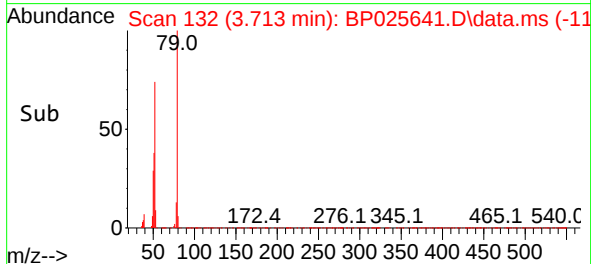
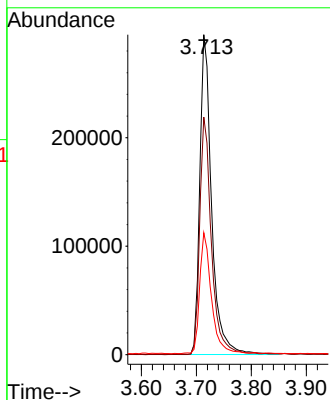
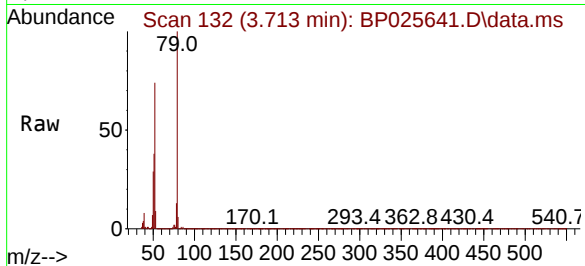




#3
Pyridine
Concen: 43.366 ng
RT: 3.713 min Scan# 117
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

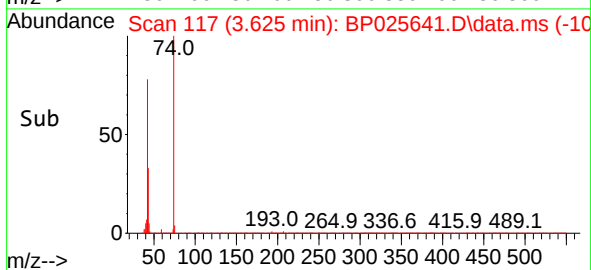
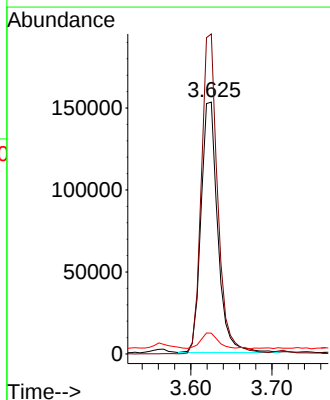
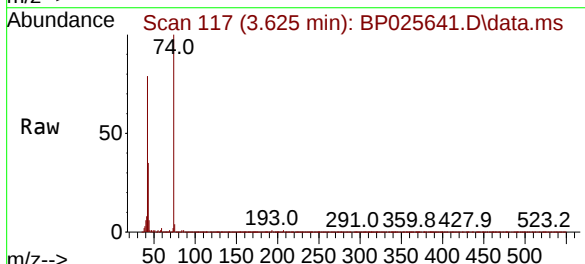
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BNA_P
ClientSampleId :
SOUTH-TP-5MS

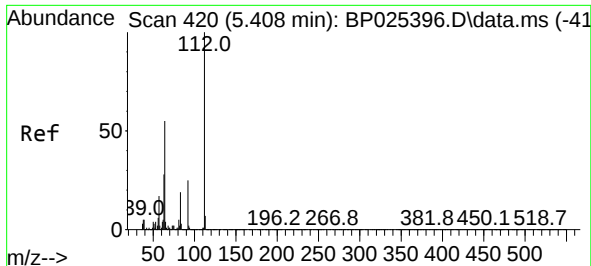
Tgt Ion: 79 Resp: 440789
Ion Ratio Lower Upper
79 100
52 74.3 55.5 83.3
51 38.1 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 52.170 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 42 Resp: 218616
Ion Ratio Lower Upper
42 100
74 127.0 107.0 160.4
44 8.3 6.2 9.4

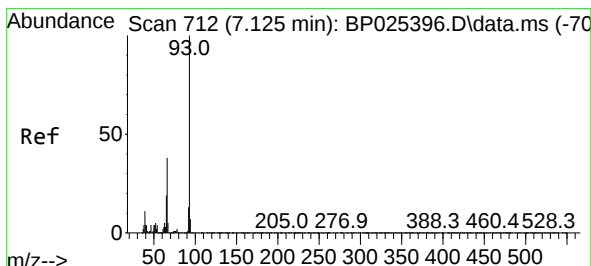
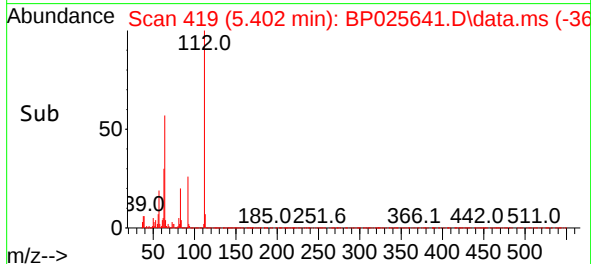
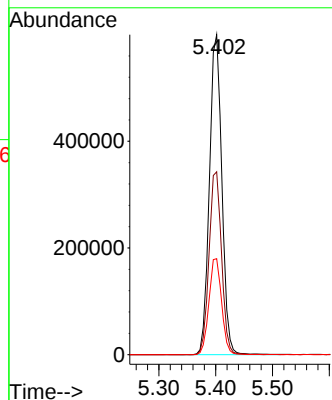
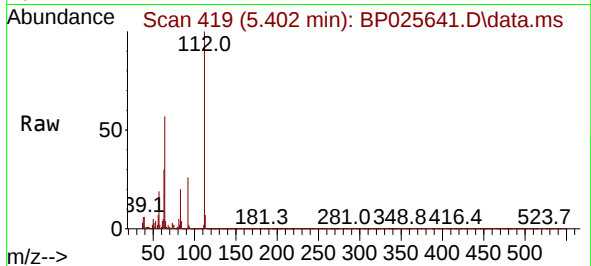




#5
2-Fluorophenol
Concen: 95.591 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

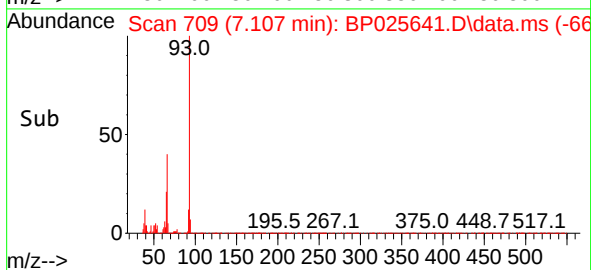
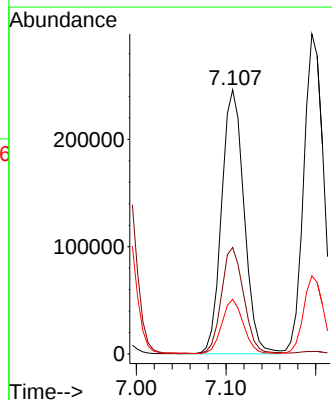
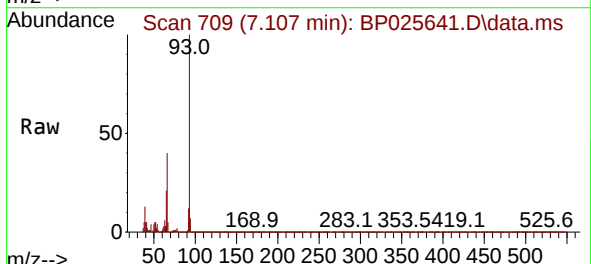
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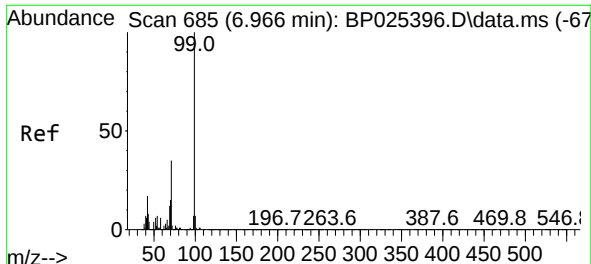
Tgt Ion:112 Resp: 906274
Ion Ratio Lower Upper
112 100
64 57.2 43.8 65.8
63 30.0 22.7 34.1



#6
Aniline
Concen: 26.149 ng
RT: 7.107 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 93 Resp: 428238
Ion Ratio Lower Upper
93 100
66 40.4 30.4 45.6
65 20.7 15.3 22.9

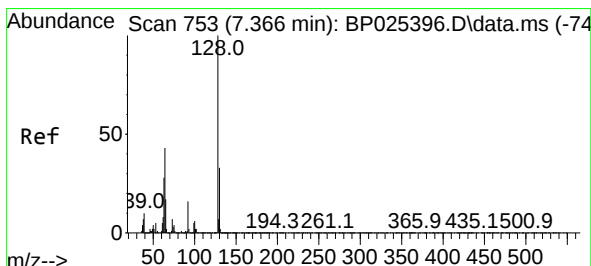
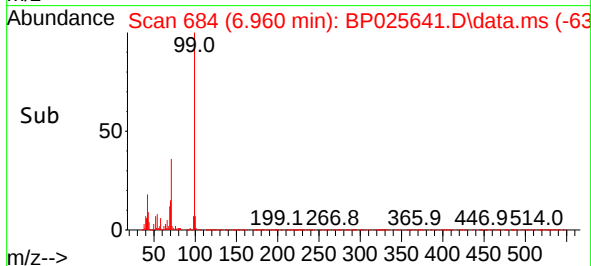
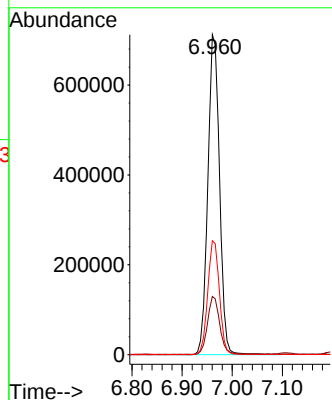
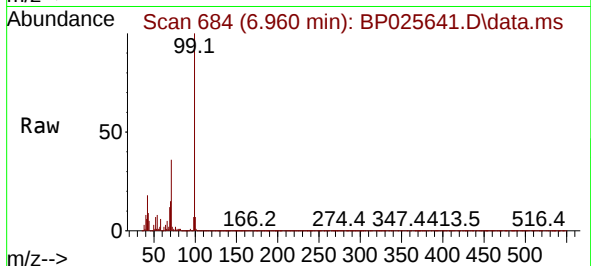




#7
Phenol-d6
Concen: 95.136 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

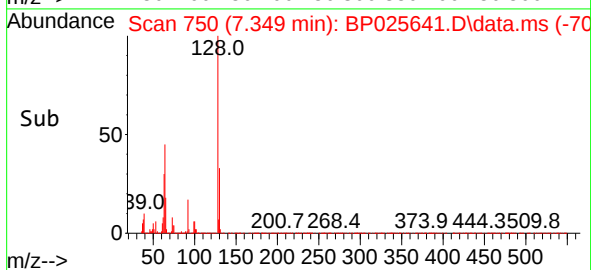
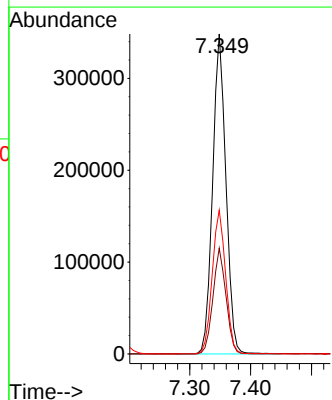
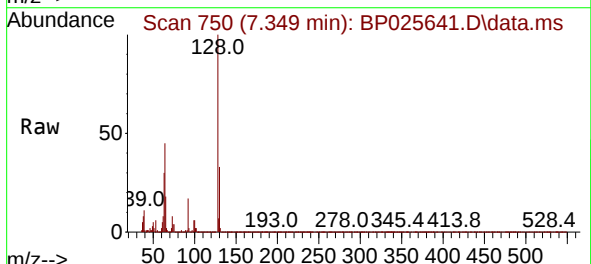
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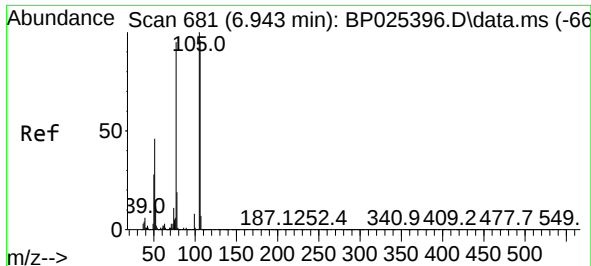
Tgt Ion: 99 Resp: 1156387
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 35.6 28.2 42.4



#8
2-Chlorophenol
Concen: 49.360 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 128 Resp: 528084
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 45.0 23.4 63.4

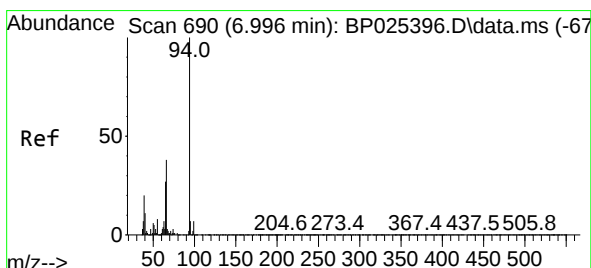
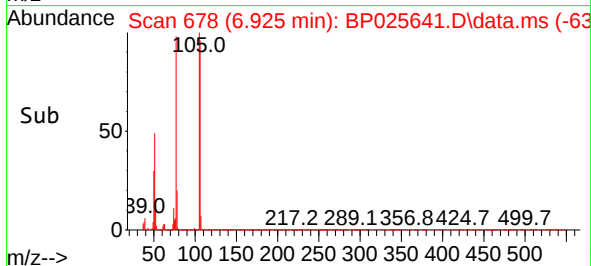
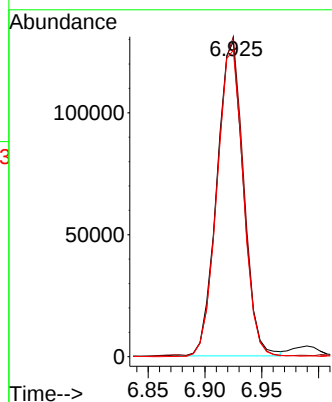
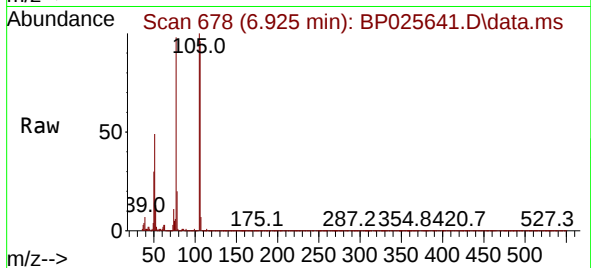




#9
Benzaldehyde
Concen: 24.546 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

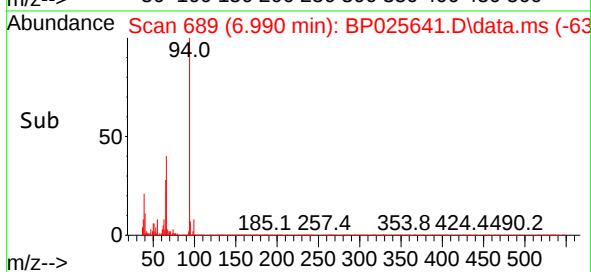
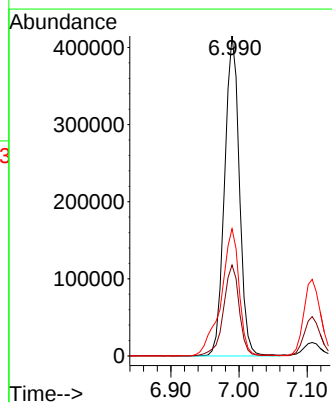
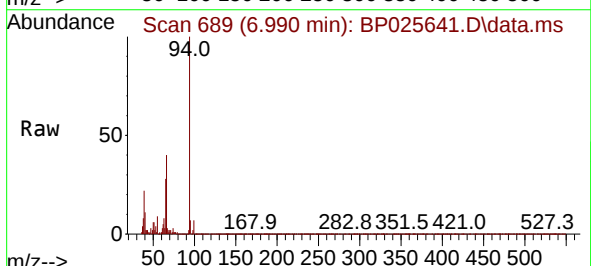
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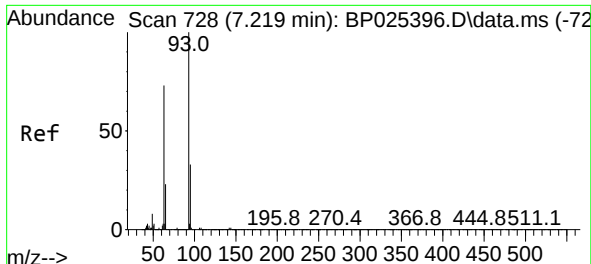
Tgt Ion: 77 Resp: 209037
Ion Ratio Lower Upper
77 100
105 101.6 84.8 124.8
106 97.3 80.5 120.5



#10
Phenol
Concen: 49.165 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025641.D
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Tgt Ion: 94 Resp: 627071
Ion Ratio Lower Upper
94 100
65 28.4 6.8 46.8
66 39.8 18.2 58.2

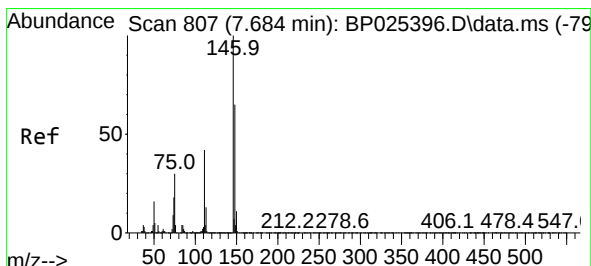
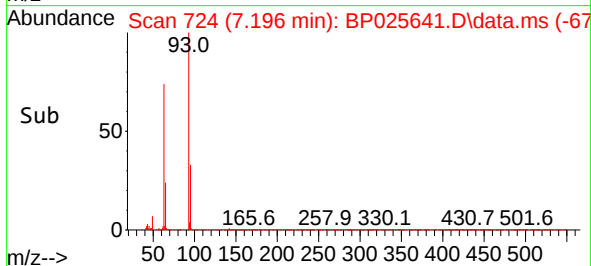
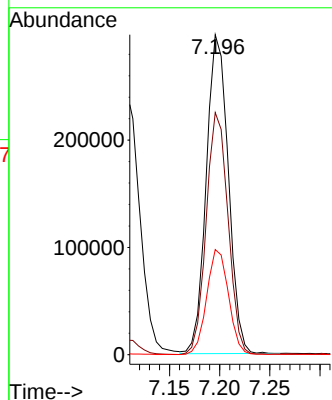
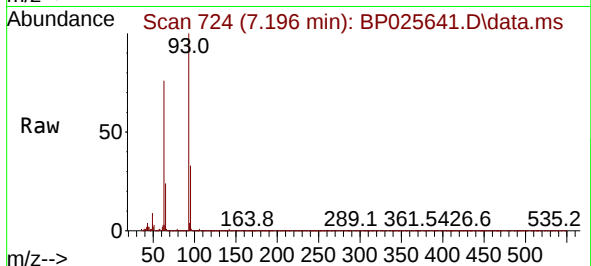




#11
bis(2-Chloroethyl)ether
Concen: 45.884 ng
RT: 7.196 min Scan# 71
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

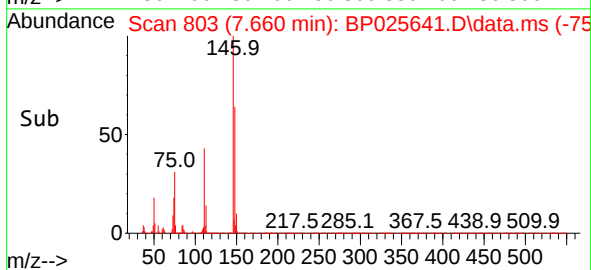
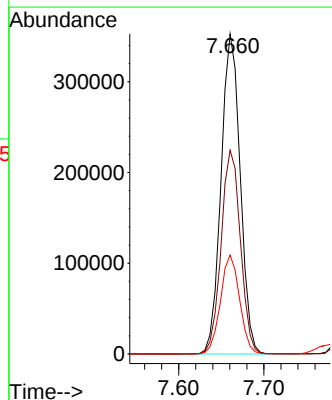
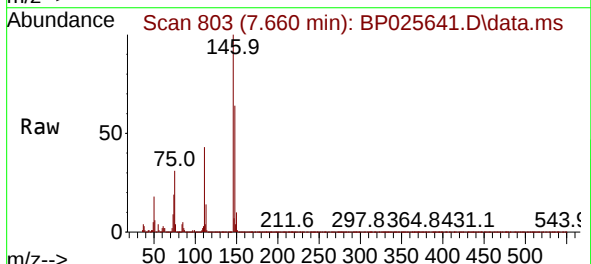
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

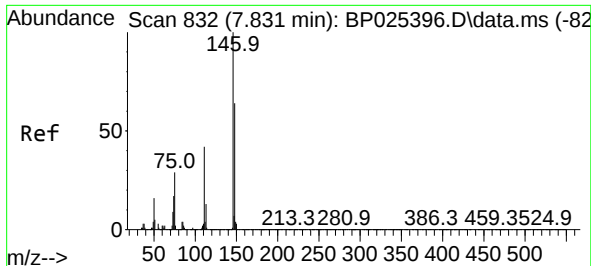
Tgt Ion: 93 Resp: 456137
Ion Ratio Lower Upper
93 100
63 75.6 52.6 92.6
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 46.740 ng
RT: 7.660 min Scan# 803
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 146 Resp: 551396
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 31.0 23.7 35.5

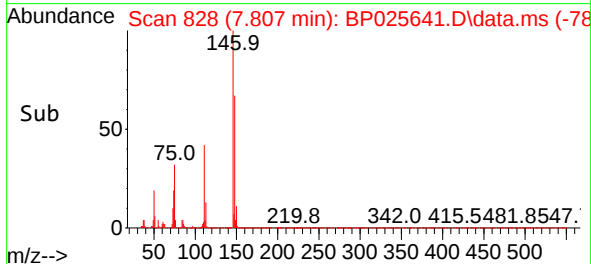
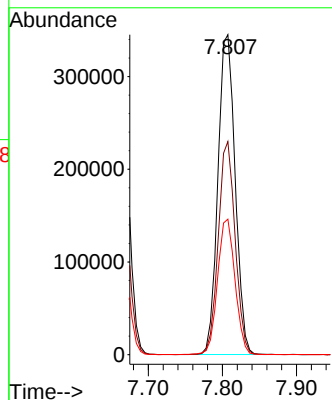
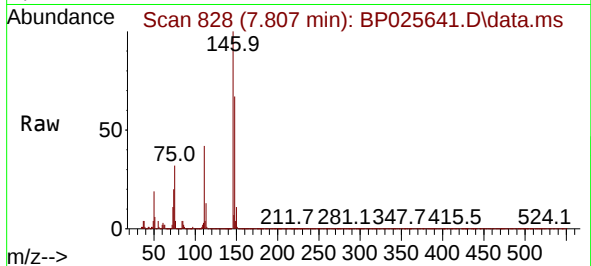




#13
1,4-Dichlorobenzene
Concen: 46.264 ng
RT: 7.807 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

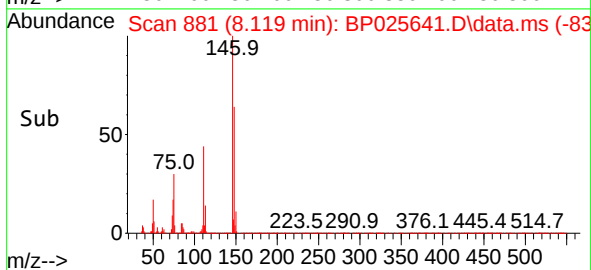
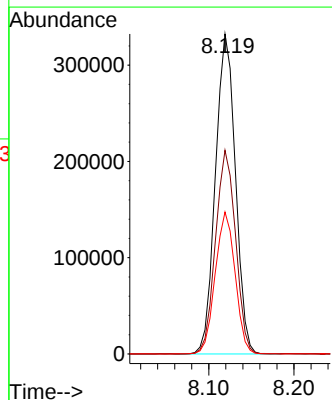
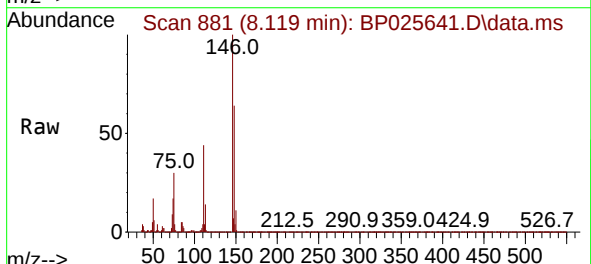
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Tgt Ion:146 Resp: 557840
Ion Ratio Lower Upper
146 100
148 66.6 51.6 77.4
111 42.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 46.487 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:146 Resp: 542597
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
111 44.4 34.5 51.7

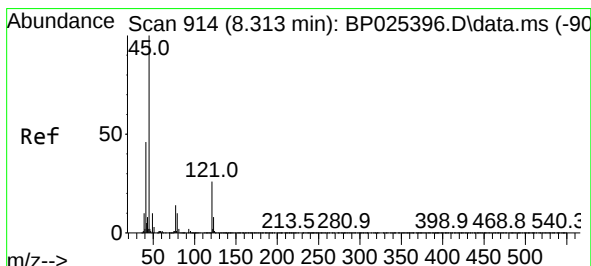
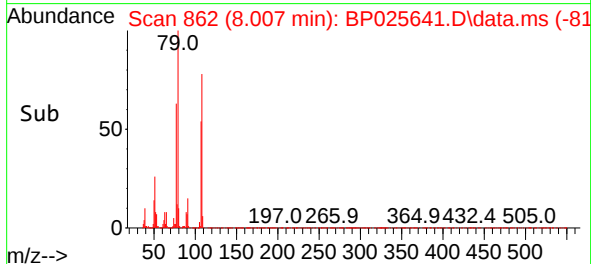
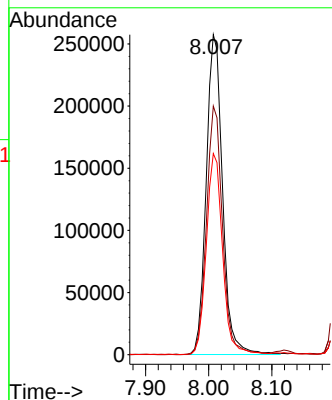
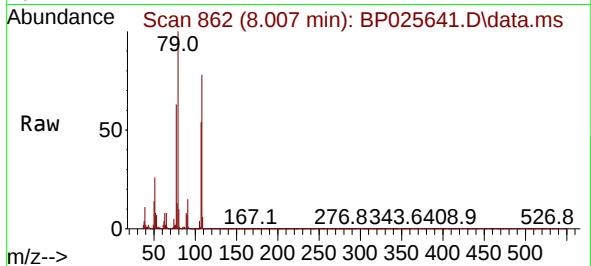




#15
Benzyl Alcohol
Concen: 47.826 ng
RT: 8.007 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

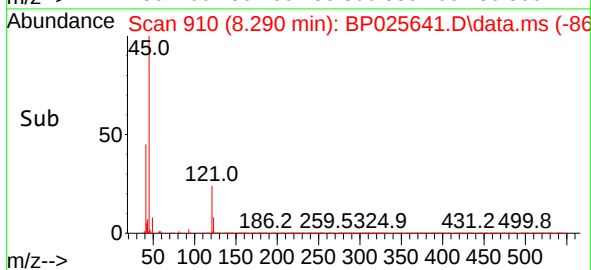
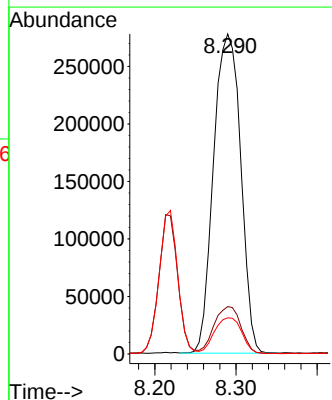
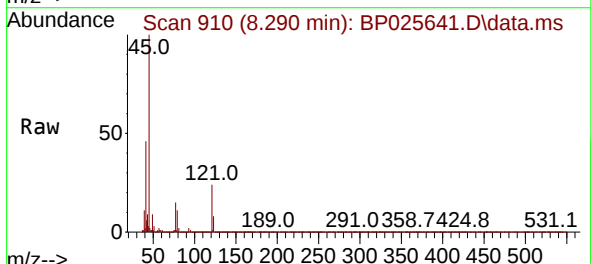
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

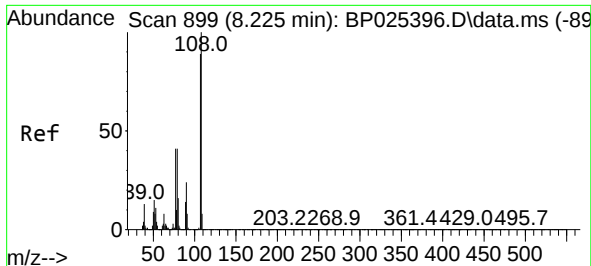
Tgt Ion: 79 Resp: 461906
Ion Ratio Lower Upper
79 100
108 77.7 63.8 95.6
77 62.8 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.456 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 45 Resp: 645299
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.3
79 11.3 0.0 31.8

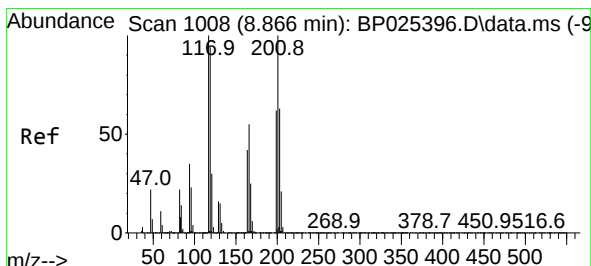
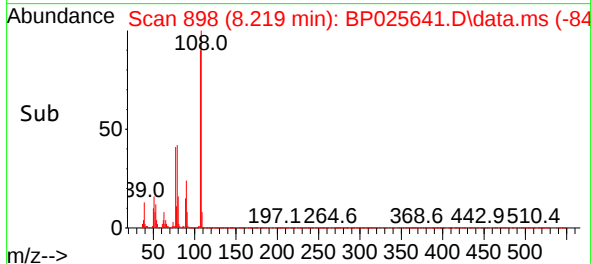
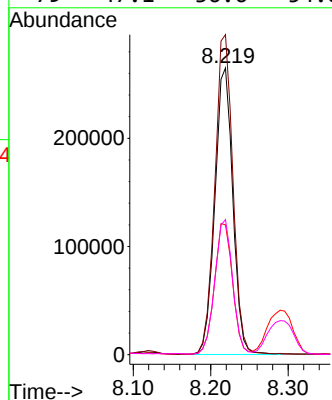
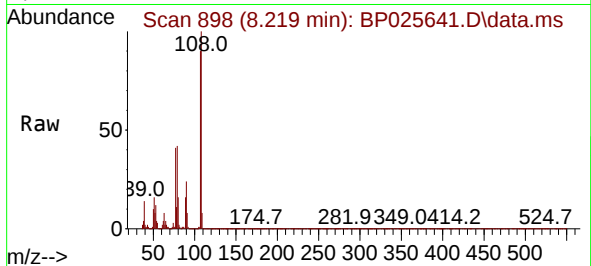




#17
2-Methylphenol
Concen: 48.111 ng
RT: 8.219 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

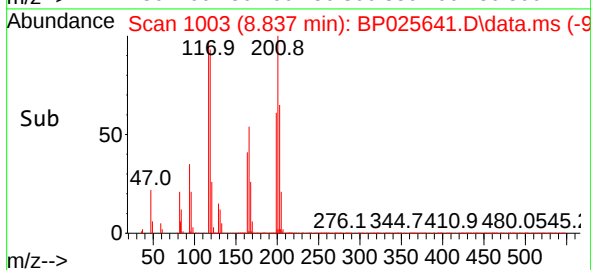
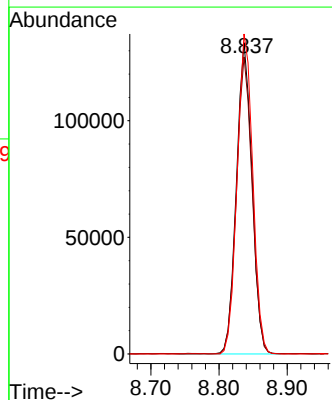
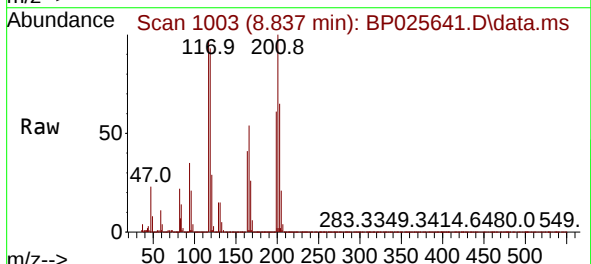
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Tgt Ion:	107	Resp:	426185
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.4	134.0
77	45.3	36.3	54.5
79	47.1	36.6	54.8



#18
Hexachloroethane
Concen: 48.005 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.030 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:	117	Resp:	212824
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.1	112.7
201	102.8	80.1	120.1

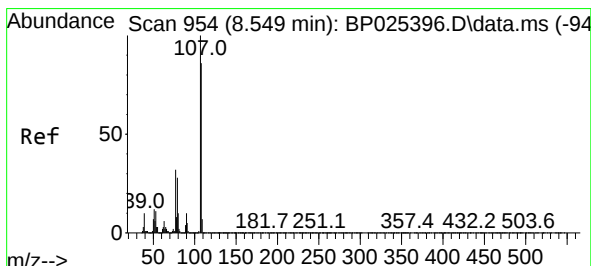
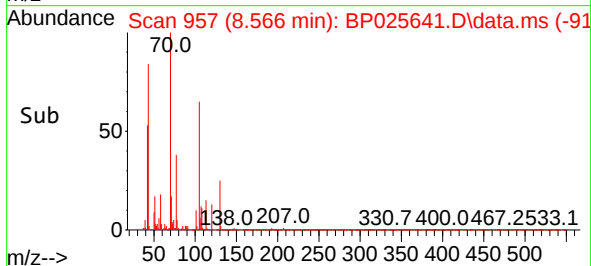
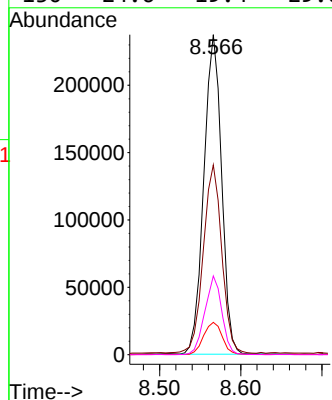
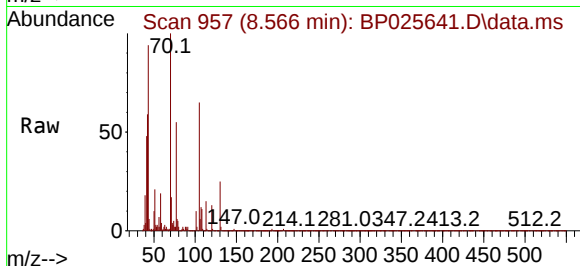




#19
n-Nitroso-di-n-propylamine
Concen: 44.717 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

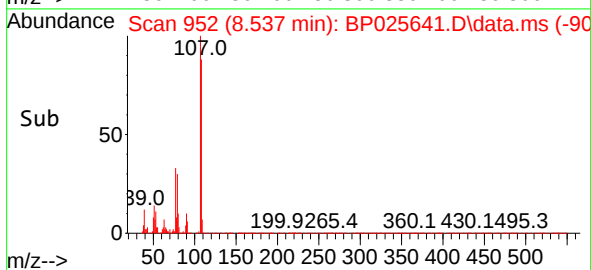
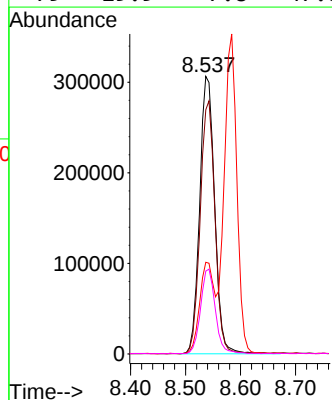
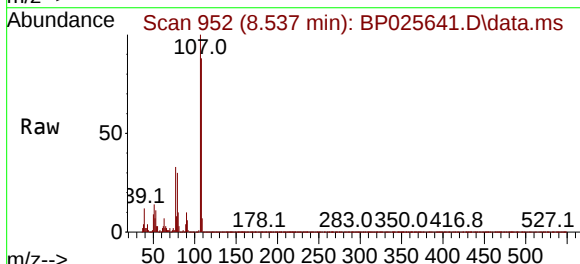
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Tgt Ion: 70 Resp: 360034
Ion Ratio Lower Upper
70 100
42 59.3 43.8 65.6
101 10.1 8.5 12.7
130 24.6 19.4 29.0



#20
3+4-Methylphenols
Concen: 47.283 ng
RT: 8.537 min Scan# 952
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 107 Resp: 580591
Ion Ratio Lower Upper
107 100
108 88.0 66.3 106.3
77 33.0 12.3 52.3
79 29.9 7.8 47.8

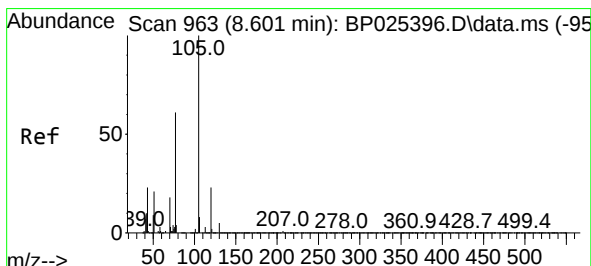
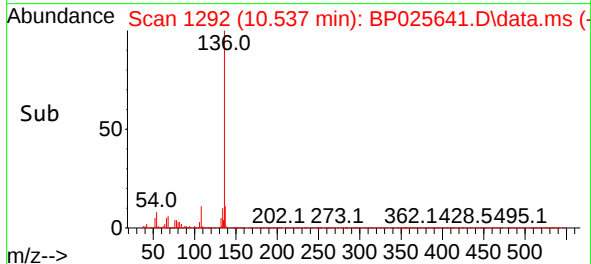
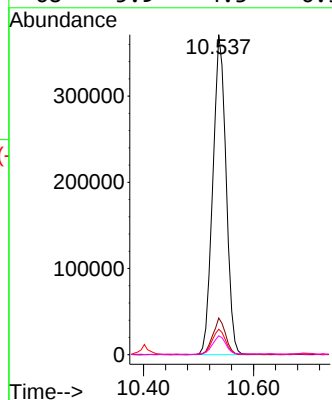
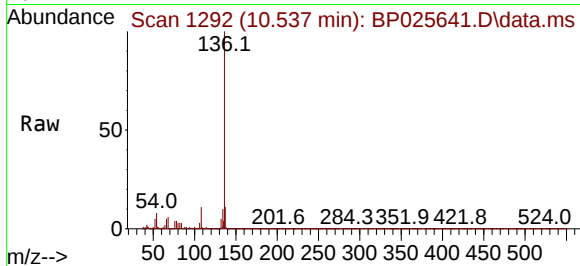




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

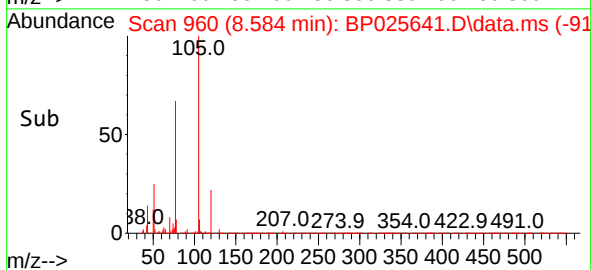
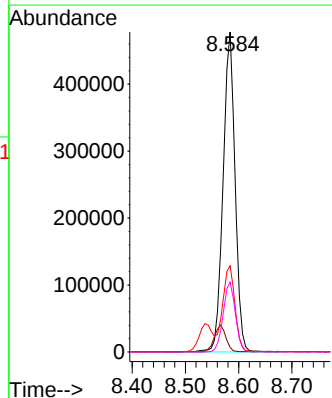
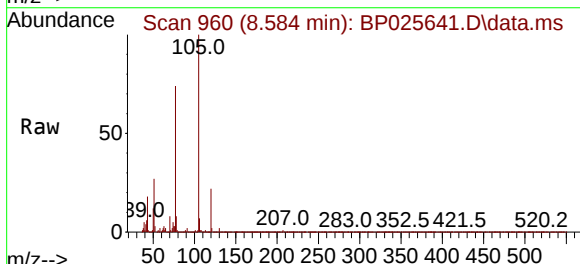
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

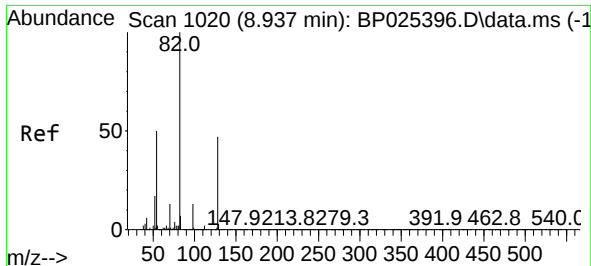
Tgt Ion:	136	Resp:	620874
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.9	6.0	9.0
68	5.9	4.3	6.5



#22
Acetophenone
Concen: 47.971 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:	105	Resp:	746925
Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.6	4.0#
51	26.9	20.6	30.8
120	21.8	18.6	27.8

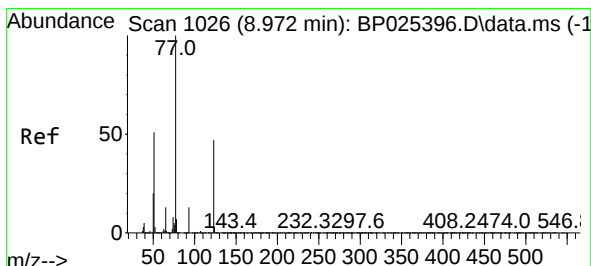
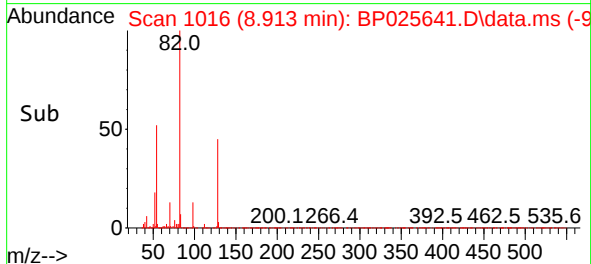
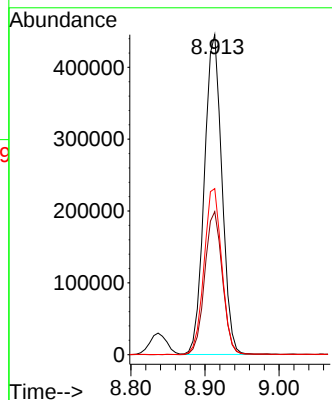
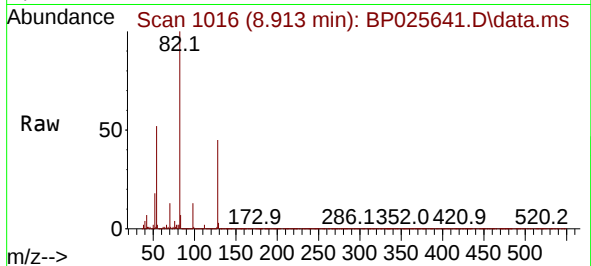




#23
Nitrobenzene-d5
Concen: 59.691 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

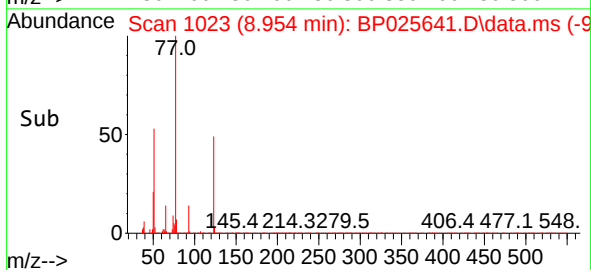
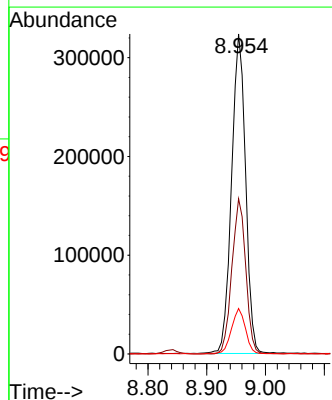
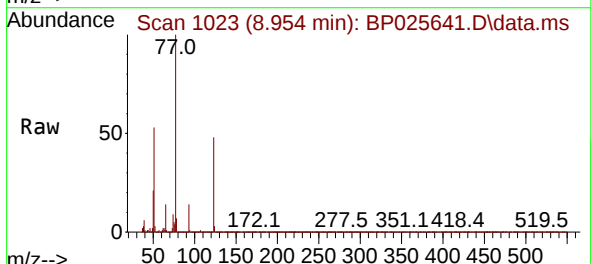
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

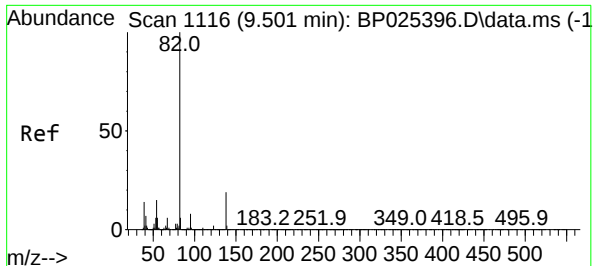
Tgt Ion: 82 Resp: 732637
Ion Ratio Lower Upper
82 100
128 44.7 37.7 56.5
54 51.9 39.8 59.6



#24
Nitrobenzene
Concen: 48.880 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 77 Resp: 536177
Ion Ratio Lower Upper
77 100
123 48.5 38.6 58.0
65 14.2 10.6 15.8

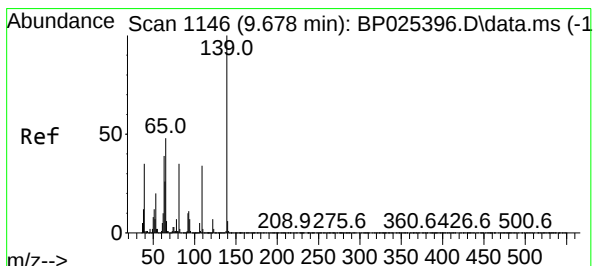
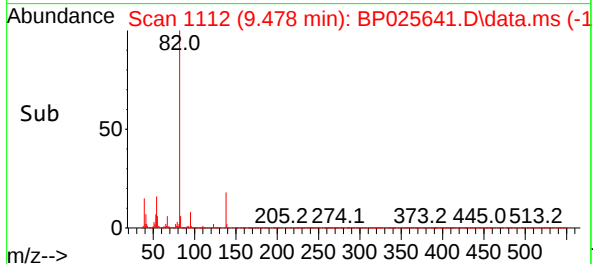
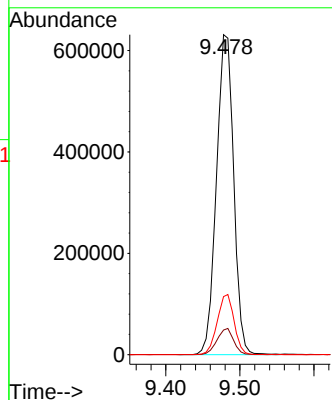
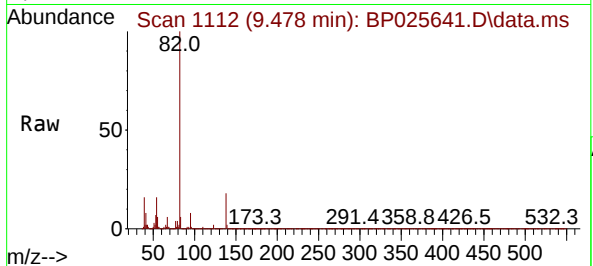




#25
Isophorone
Concen: 46.899 ng
RT: 9.478 min Scan# 1112
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

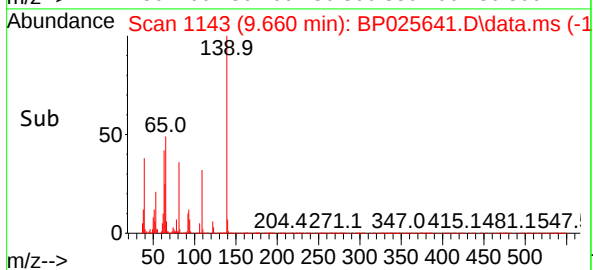
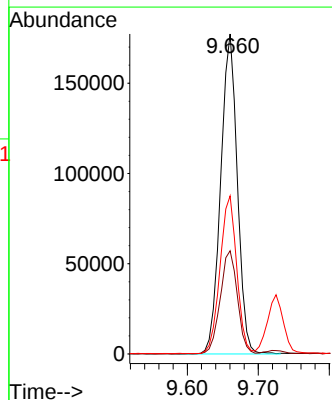
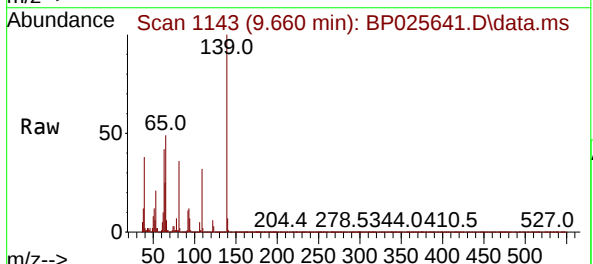
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

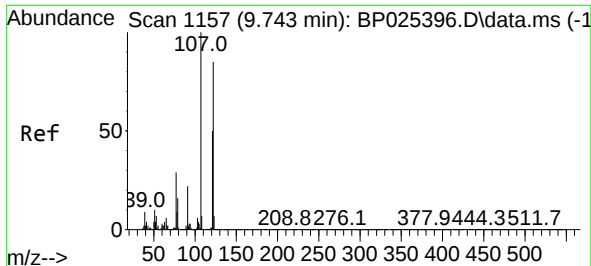
Tgt Ion: 82 Resp: 1018703
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 15.4 23.0



#26
2-Nitrophenol
Concen: 51.064 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 139 Resp: 287462
Ion Ratio Lower Upper
139 100
109 32.3 26.9 40.3
65 49.4 38.3 57.5

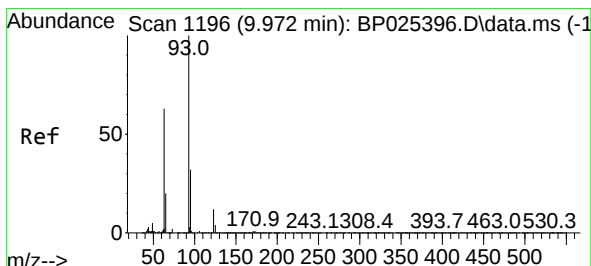
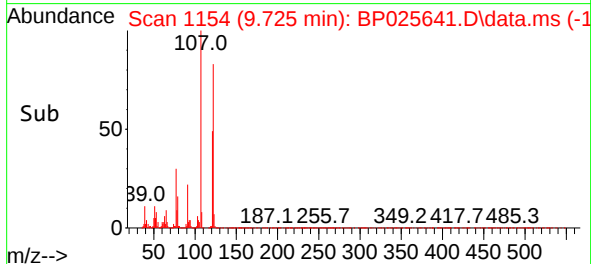
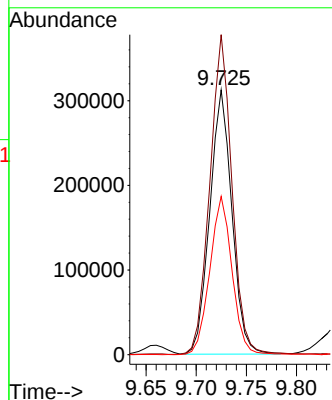
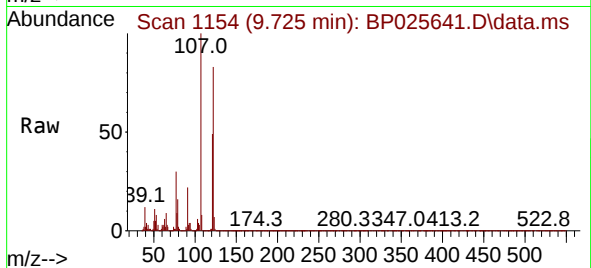




#27
2,4-Dimethylphenol
Concen: 49.582 ng
RT: 9.725 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

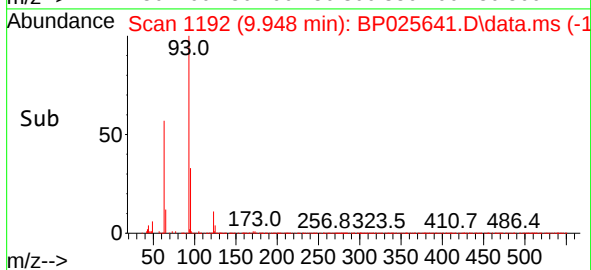
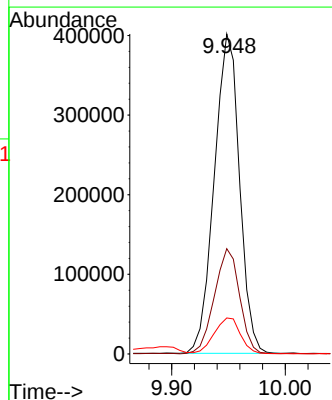
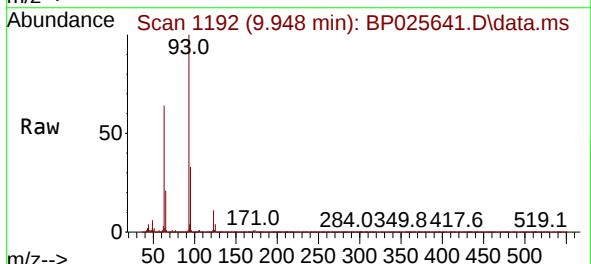
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

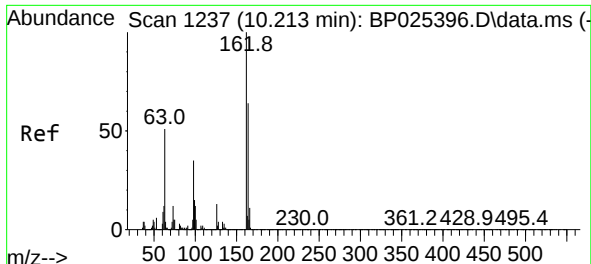
Tgt Ion:122 Resp: 480009
Ion Ratio Lower Upper
122 100
107 120.9 93.7 140.5
121 59.8 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.147 ng
RT: 9.948 min Scan# 1192
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 93 Resp: 619050
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.0
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.595 ng

RT: 10.201 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

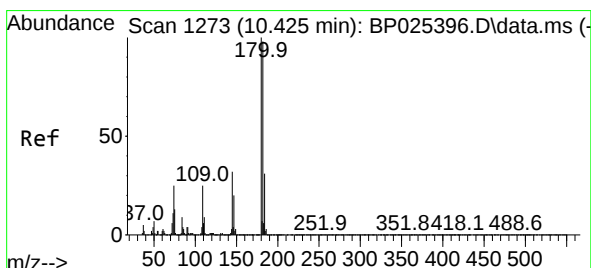
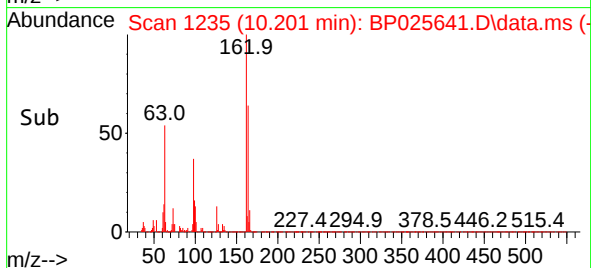
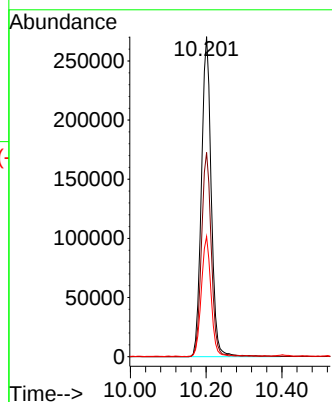
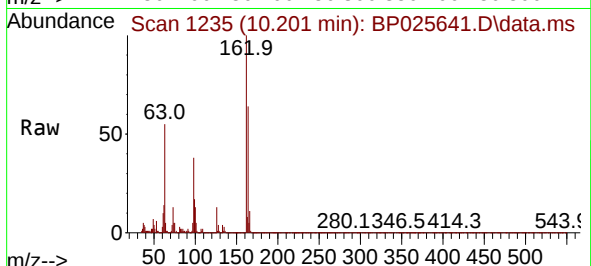
Tgt Ion:162 Resp: 486577

Ion Ratio Lower Upper

162 100

164 63.8 44.4 84.4

98 37.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 47.466 ng

RT: 10.407 min Scan# 1270

Delta R.T. -0.018 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

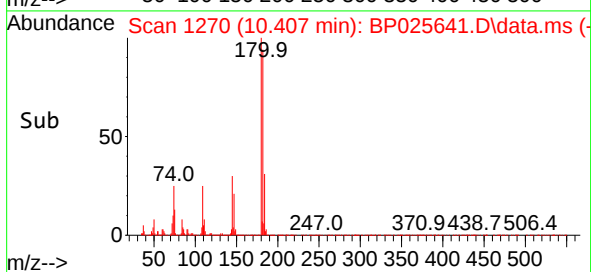
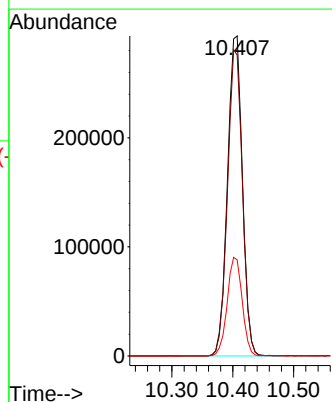
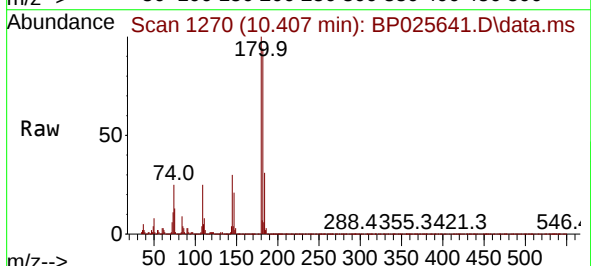
Tgt Ion:180 Resp: 500410

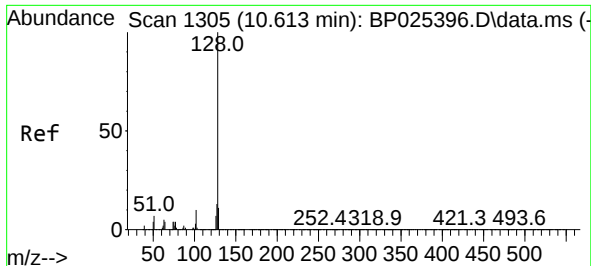
Ion Ratio Lower Upper

180 100

182 94.0 78.0 117.0

145 30.1 25.9 38.9

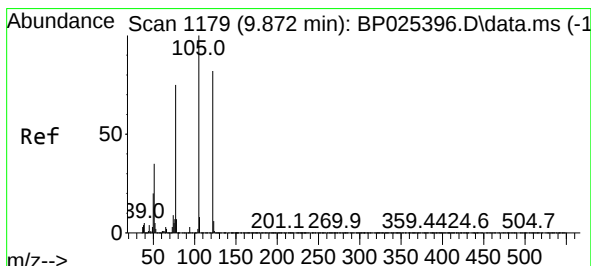
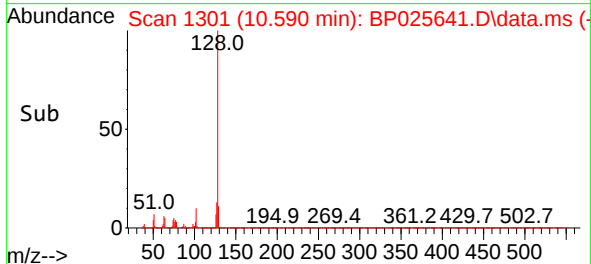
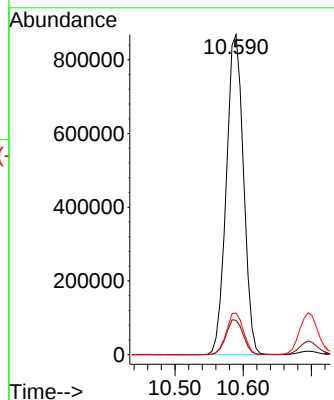
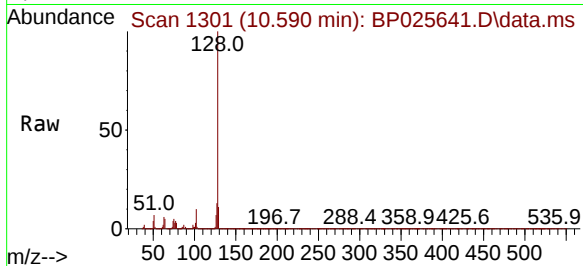




#31
Naphthalene
Concen: 47.195 ng
RT: 10.590 min Scan# 1183
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

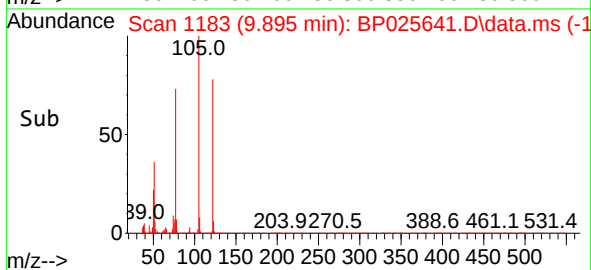
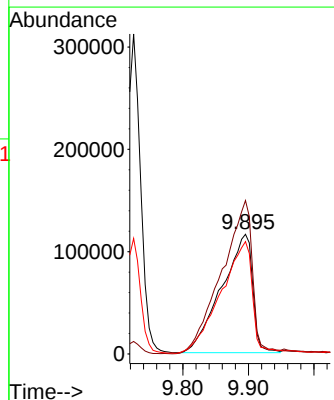
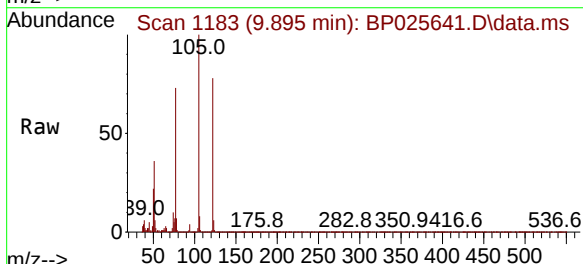
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

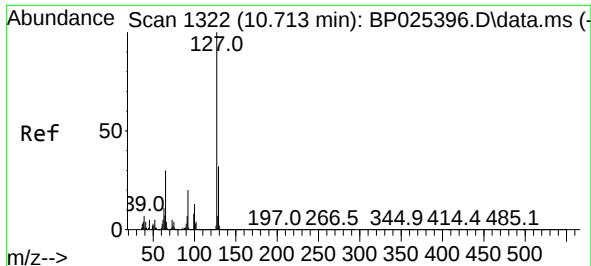
Tgt Ion:128 Resp: 1523003
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 53.414 ng
RT: 9.895 min Scan# 1183
Delta R.T. 0.023 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:122 Resp: 381762
Ion Ratio Lower Upper
122 100
105 128.1 100.6 140.6
77 93.9 71.5 111.5

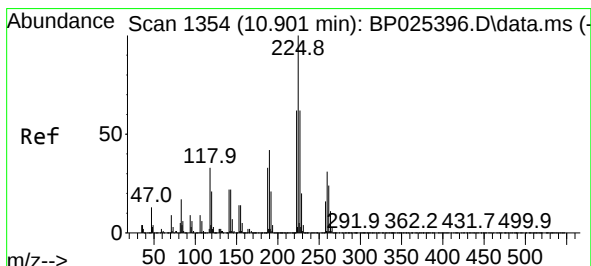
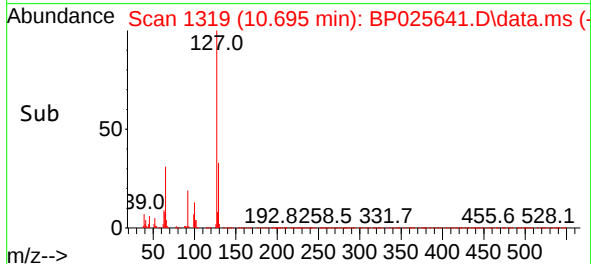
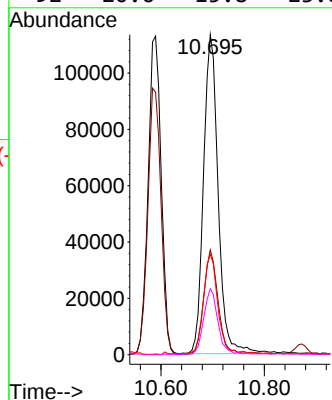
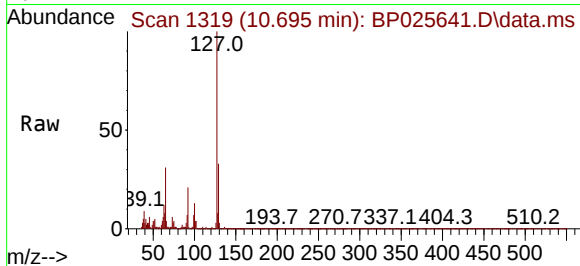




#33
4-Chloroaniline
Concen: 15.711 ng
RT: 10.695 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

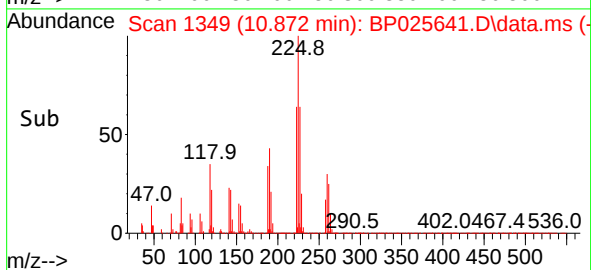
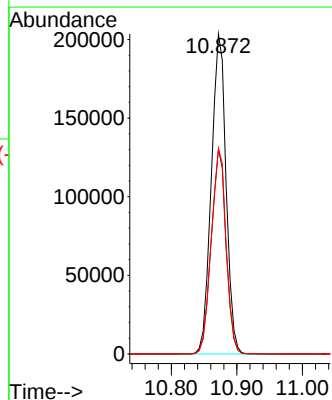
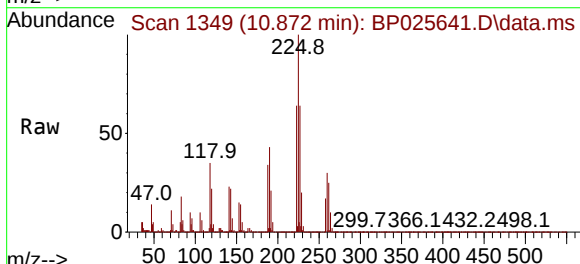
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

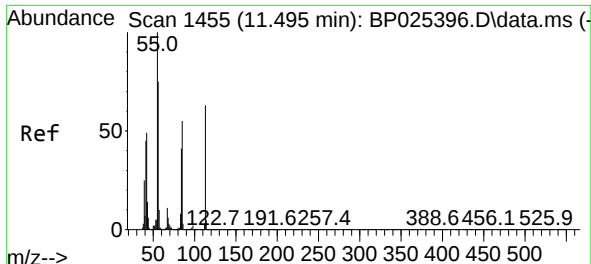
Tgt Ion:	127	Resp:	223955
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.2
65	31.4	23.8	35.6
92	20.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 48.263 ng
RT: 10.872 min Scan# 1349
Delta R.T. -0.030 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:	225	Resp:	316873
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	64.3	49.7	74.5

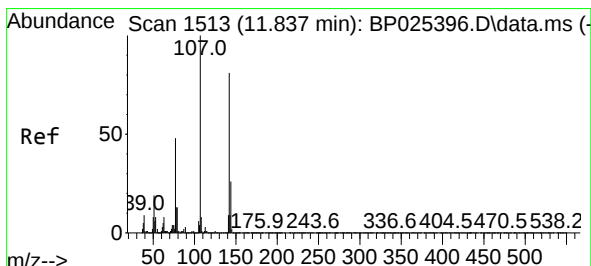
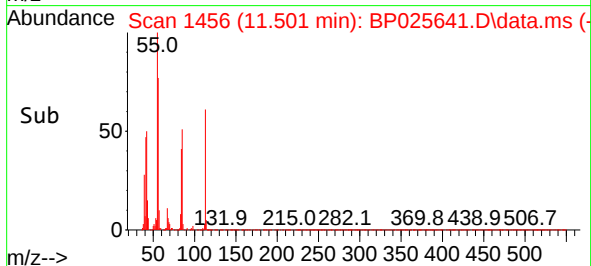
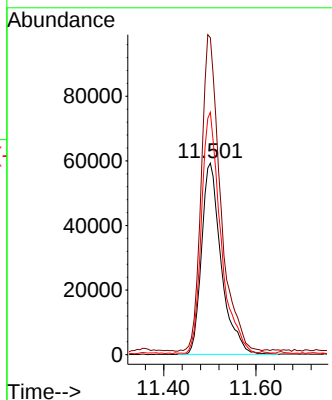
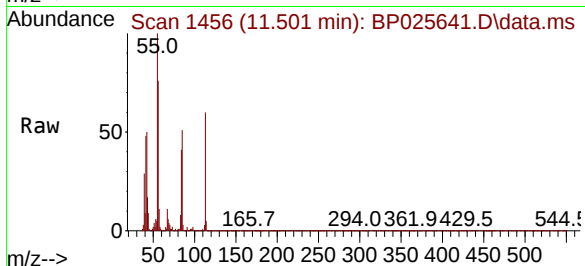




#35
Caprolactam
Concen: 49.809 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

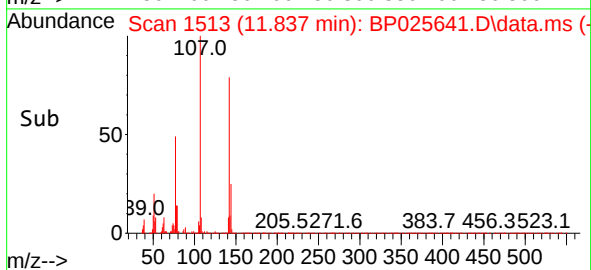
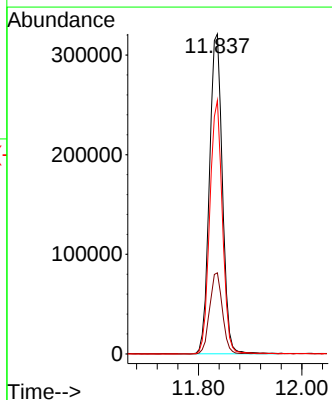
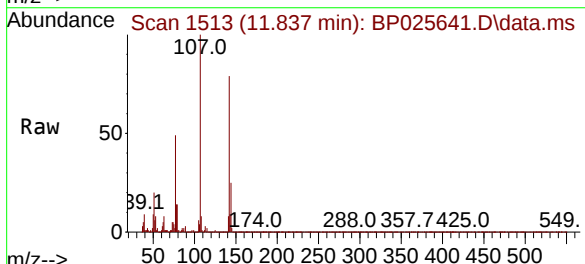
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Tgt Ion:113 Resp: 175646
Ion Ratio Lower Upper
113 100
55 165.5 140.0 180.0
56 126.5 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 50.576 ng
RT: 11.837 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:107 Resp: 558120
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 79.2 64.6 97.0

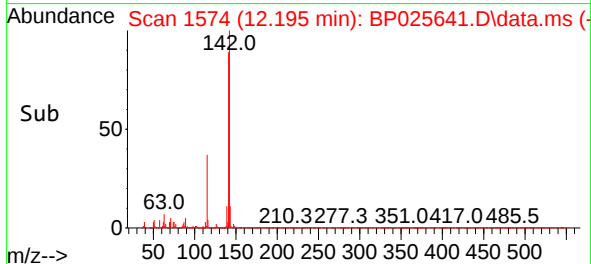
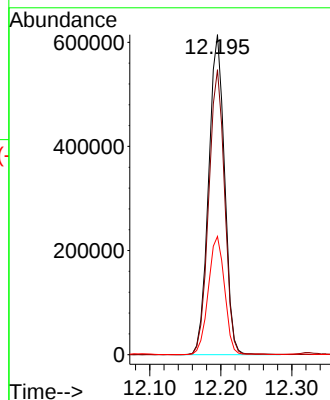
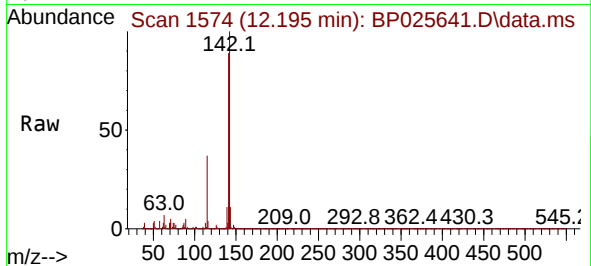




#37
2-Methylnaphthalene
Concen: 45.668 ng
RT: 12.195 min Scan# 1578
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

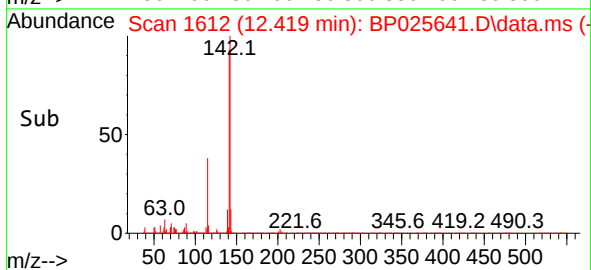
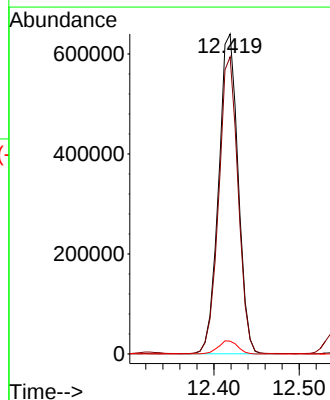
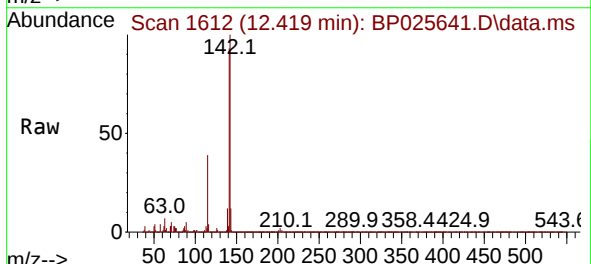
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

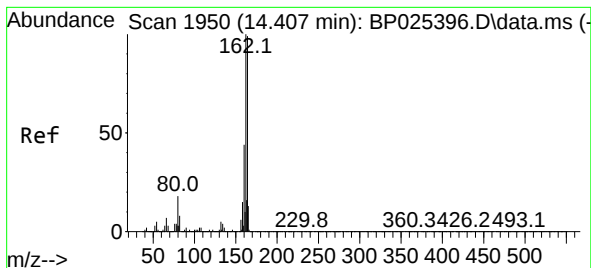
Tgt Ion:142 Resp: 959049
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 37.0 28.9 43.3



#38
1-Methylnaphthalene
Concen: 45.496 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:142 Resp: 1016081
Ion Ratio Lower Upper
142 100
141 92.8 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.389 min Scan# 1950

Delta R.T. -0.018 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

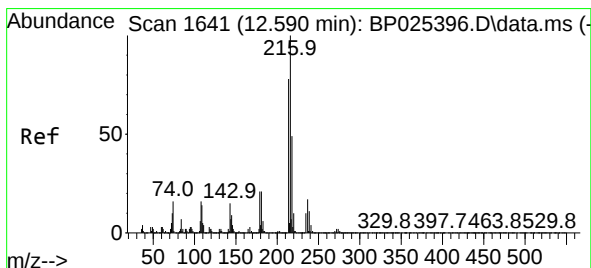
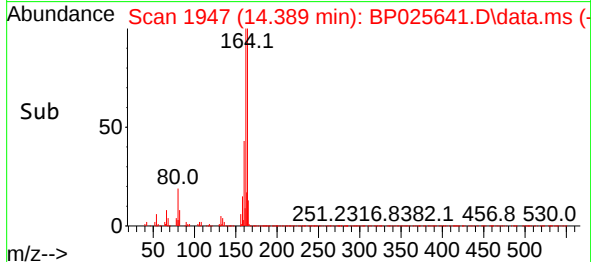
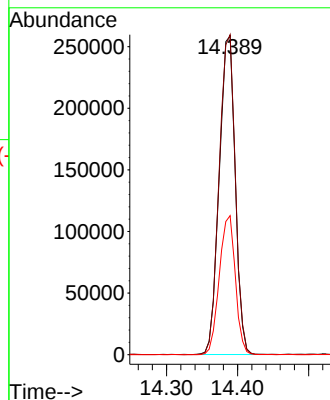
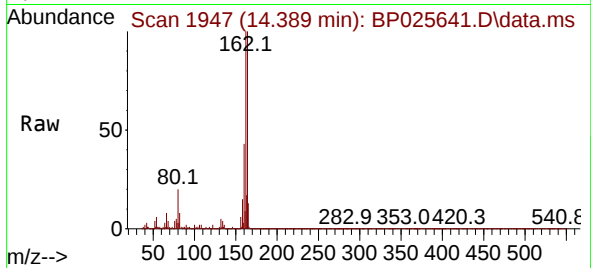
Tgt Ion:164 Resp: 402678

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.6

160 43.6 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.324 ng

RT: 12.566 min Scan# 1637

Delta R.T. -0.024 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Tgt Ion:216 Resp: 561998

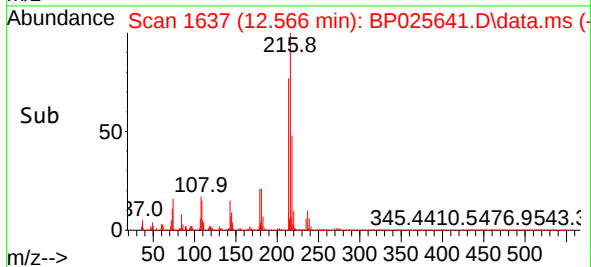
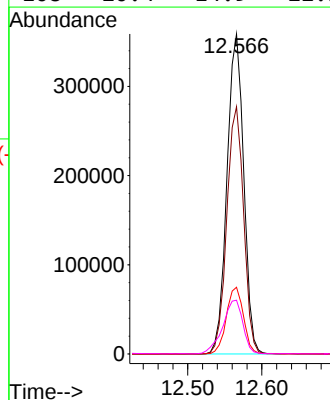
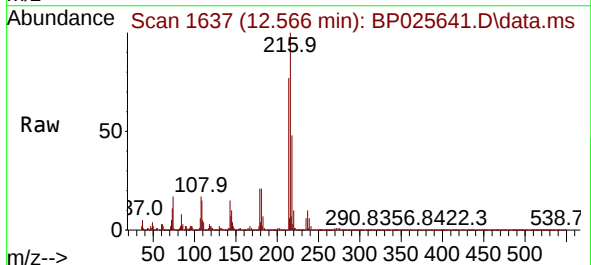
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.4

179 21.4 17.1 25.7

108 20.4 14.9 22.3

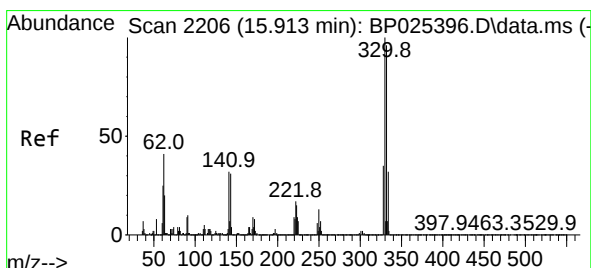
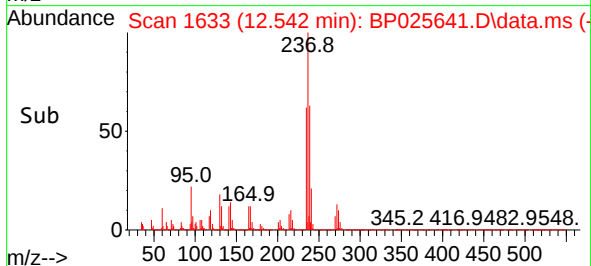
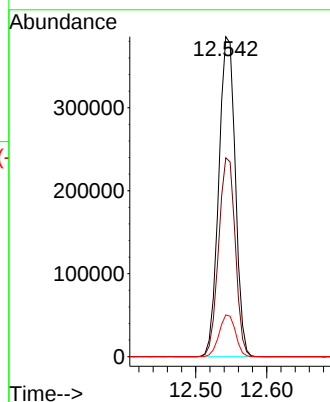
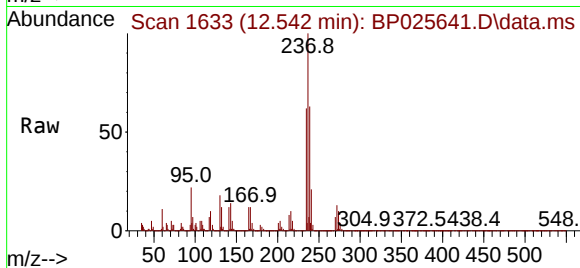




#41
Hexachlorocyclopentadiene
Concen: 88.326 ng
RT: 12.542 min Scan# 1633
Delta R.T. -0.030 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

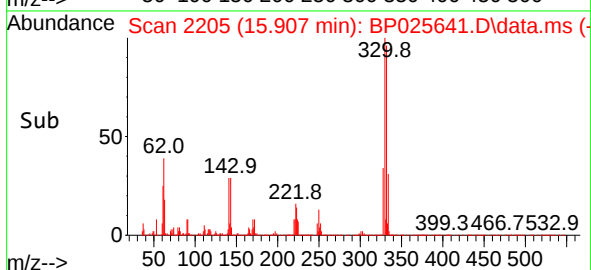
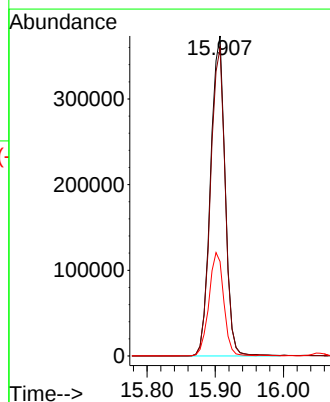
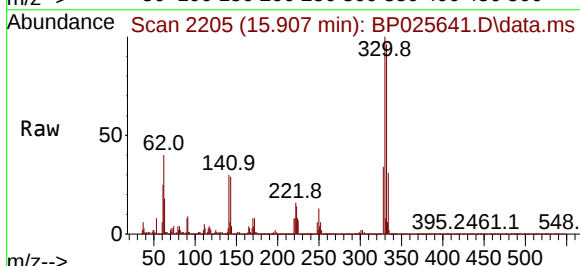
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

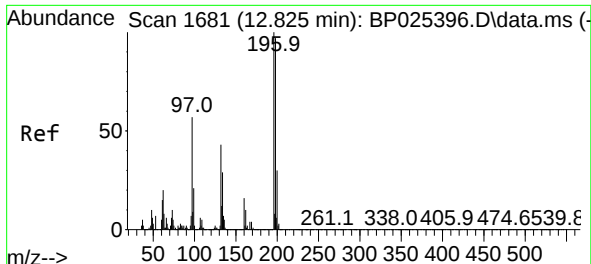
Tgt Ion:237 Resp: 620479
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 13.0 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 102.522 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:330 Resp: 555675
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.8 26.6 39.8

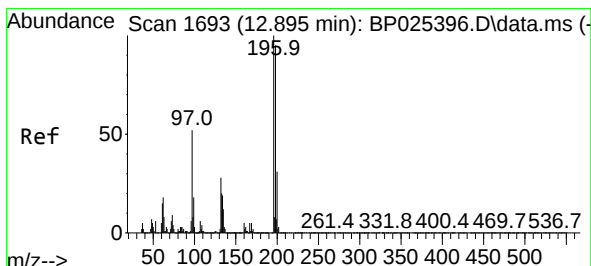
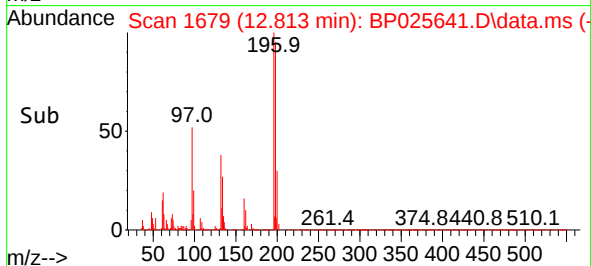
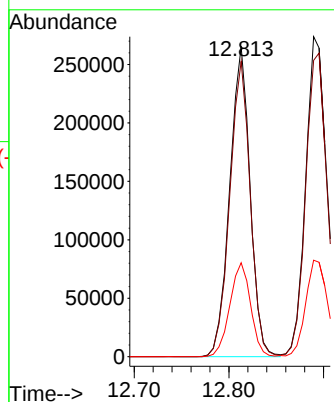
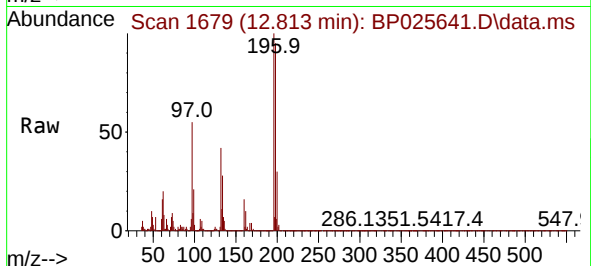




#43
2,4,6-Trichlorophenol
Concen: 50.429 ng
RT: 12.813 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

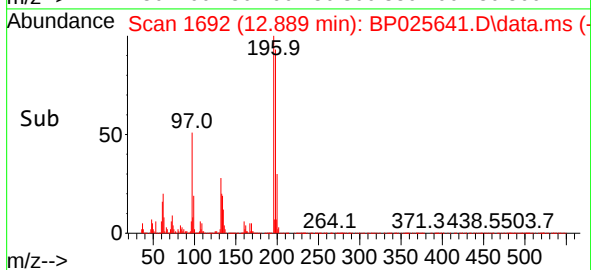
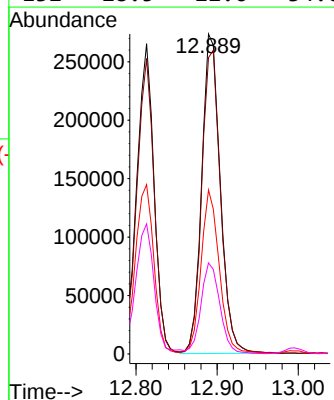
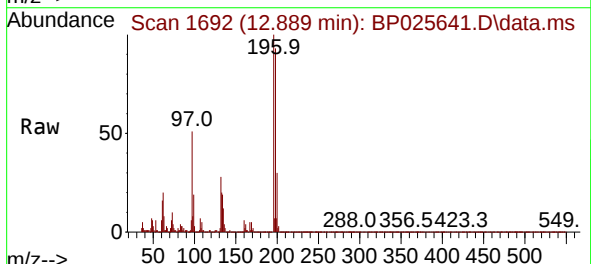
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

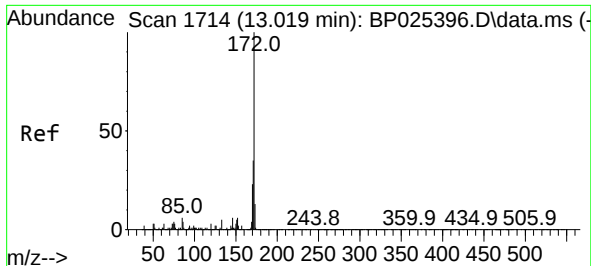
Tgt Ion:196 Resp: 395939
Ion Ratio Lower Upper
196 100
198 95.2 77.2 115.8
200 30.3 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 50.639 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:196 Resp: 435744
Ion Ratio Lower Upper
196 100
198 92.6 76.2 114.2
97 51.2 41.2 61.8
132 28.5 22.6 34.0

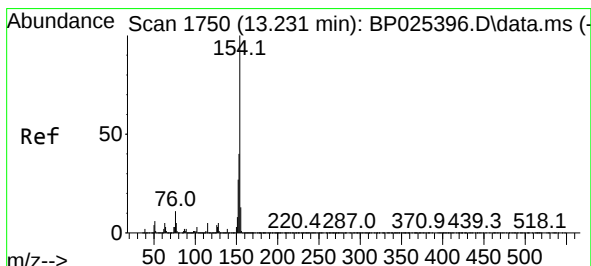
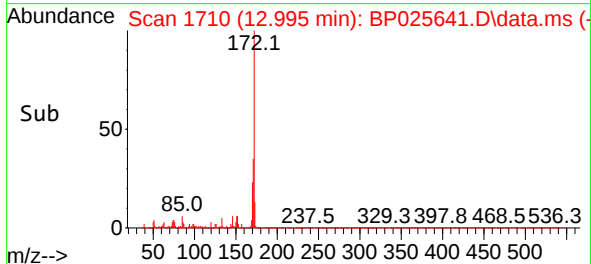
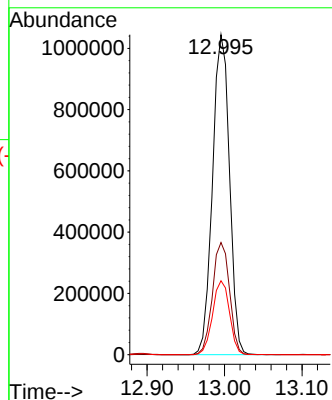
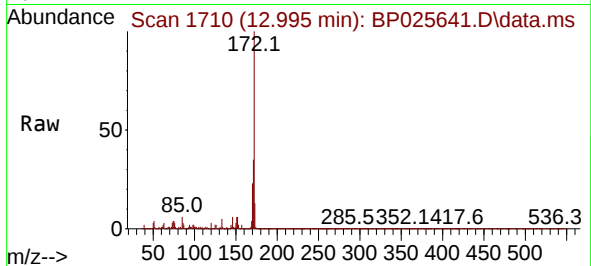




#45
2-Fluorobiphenyl
Concen: 53.893 ng
RT: 12.995 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

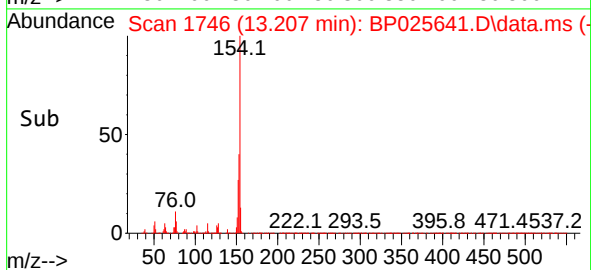
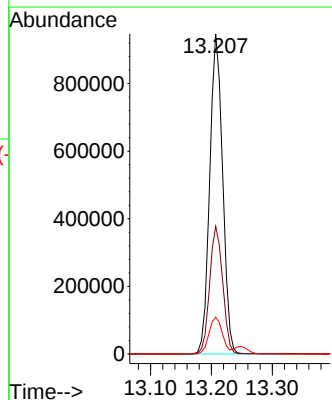
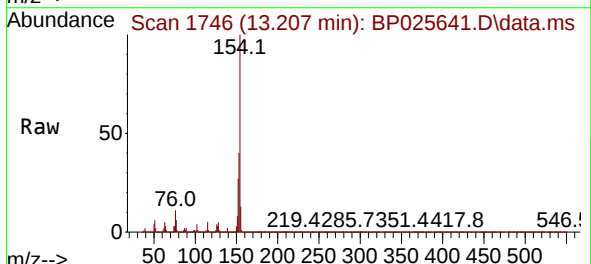
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

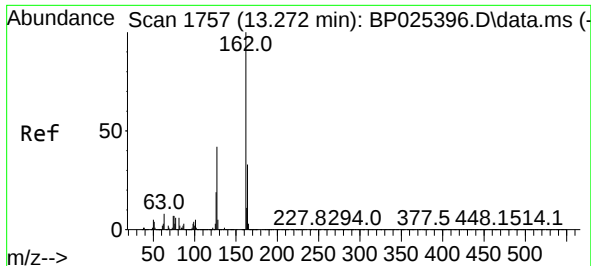
Tgt Ion:172 Resp: 1587906
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.661 ng
RT: 13.207 min Scan# 1746
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:154 Resp: 1393830
Ion Ratio Lower Upper
154 100
153 39.9 19.5 59.5
76 11.5 0.0 31.1

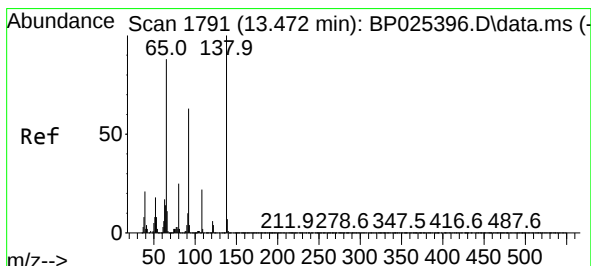
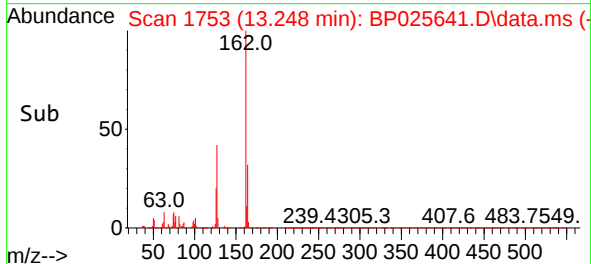
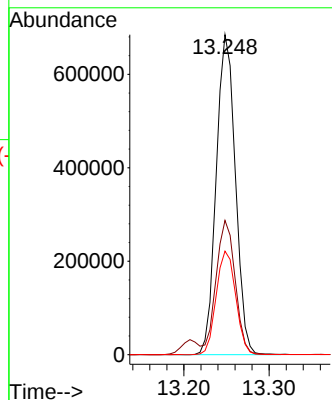
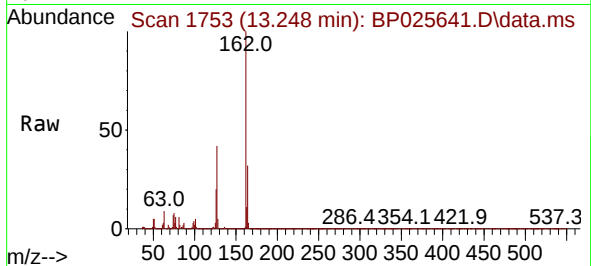




#47
2-Chloronaphthalene
Concen: 46.956 ng
RT: 13.248 min Scan# 1753
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

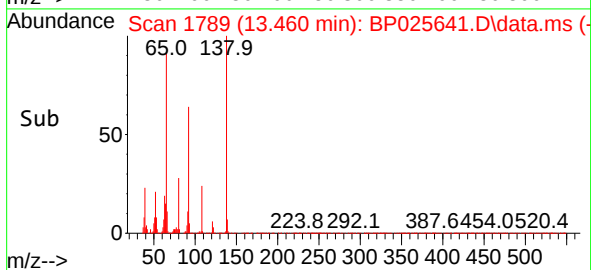
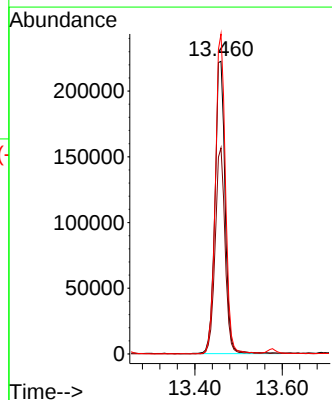
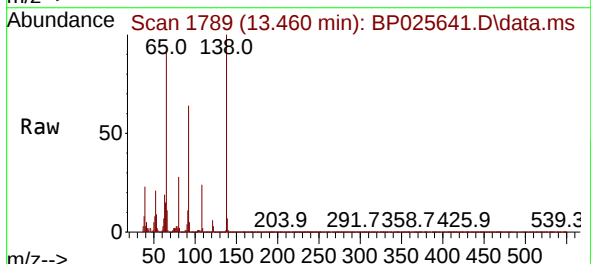
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

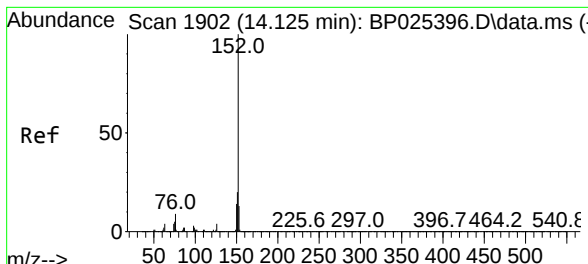
Tgt Ion:162 Resp: 1069039
Ion Ratio Lower Upper
162 100
127 41.9 33.4 50.2
164 32.4 26.2 39.2



#48
2-Nitroaniline
Concen: 54.232 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 65 Resp: 359757
Ion Ratio Lower Upper
65 100
92 70.4 57.6 86.4
138 109.3 91.0 136.6



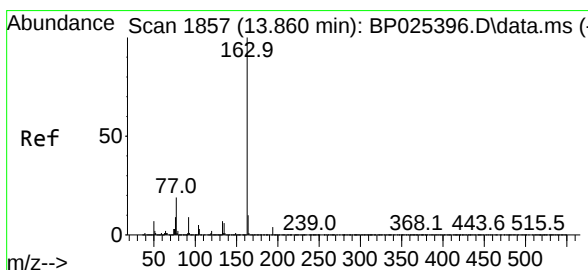
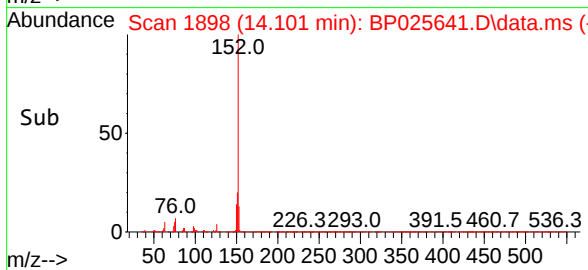
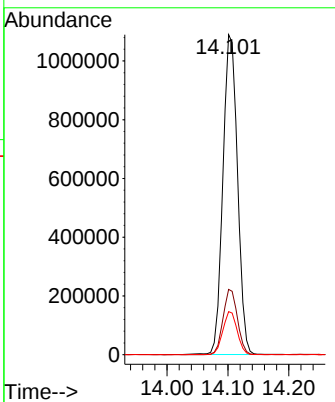
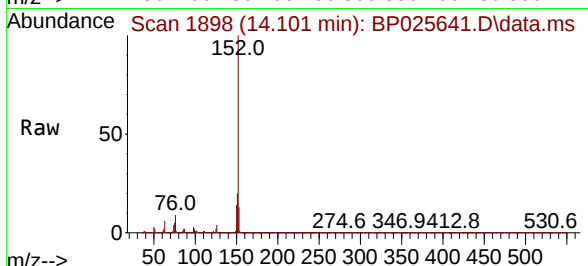


#49
 Acenaphthylene
 Concen: 48.293 ng
 RT: 14.101 min Scan# 1898
 Delta R.T. -0.024 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-5MS

Tgt Ion:152 Resp: 1819338

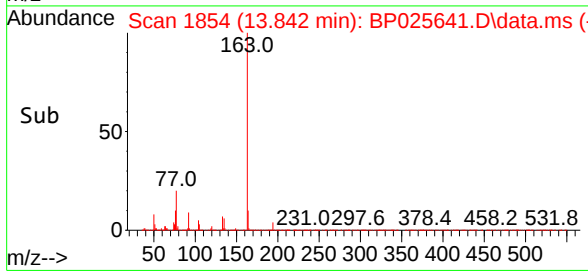
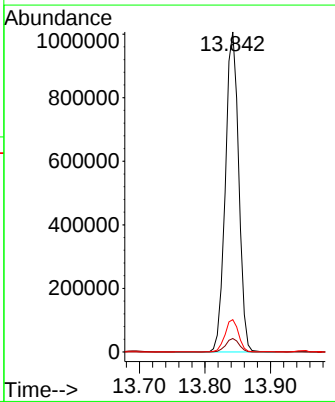
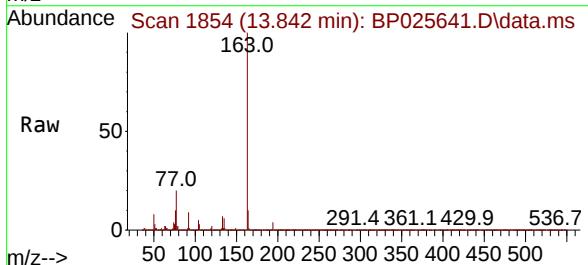
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.5	10.6	15.8

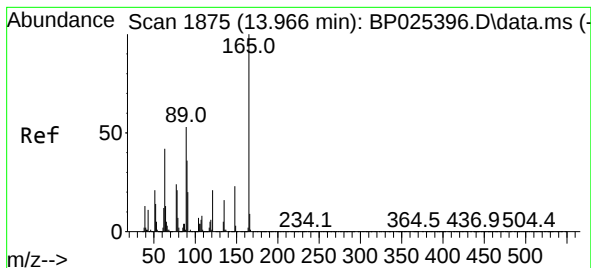


#50
 Dimethylphthalate
 Concen: 48.199 ng
 RT: 13.842 min Scan# 1854
 Delta R.T. -0.018 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

Tgt Ion:163 Resp: 1421262

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9

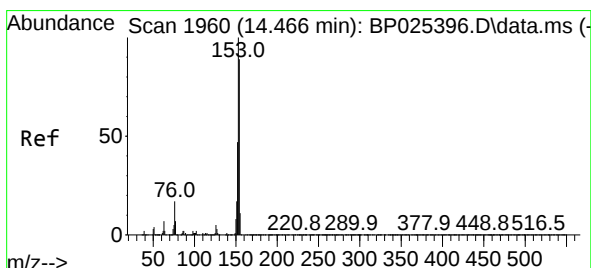
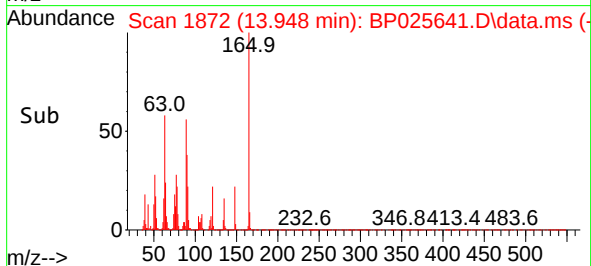
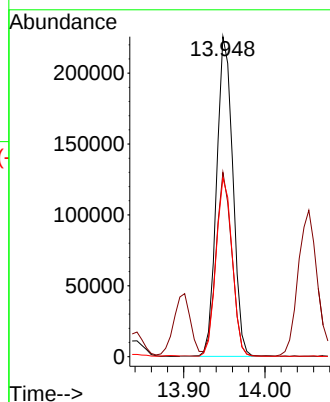
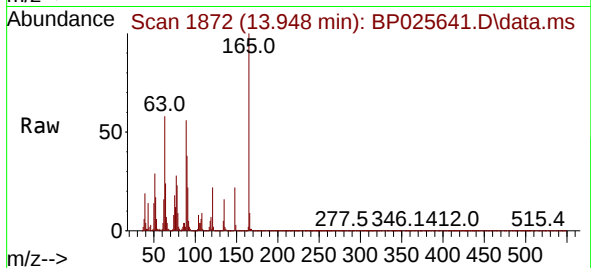




#51
2,6-Dinitrotoluene
Concen: 50.611 ng
RT: 13.948 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

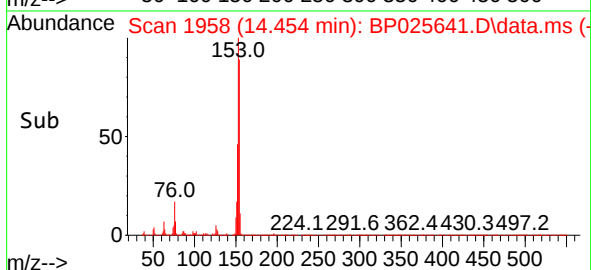
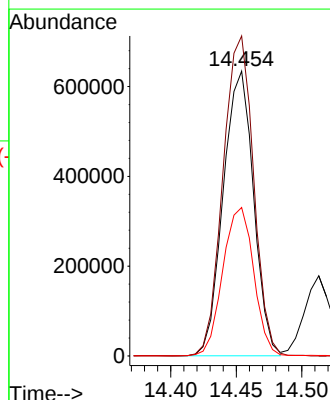
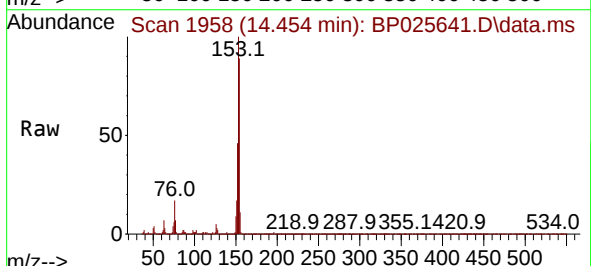
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

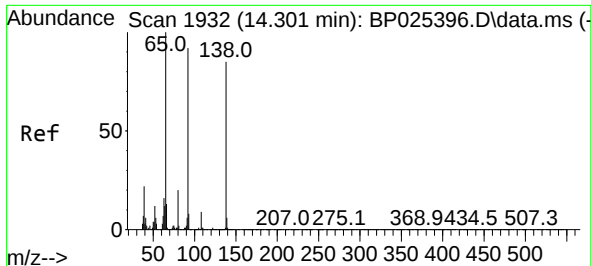
Tgt Ion:165 Resp: 314555
Ion Ratio Lower Upper
165 100
63 57.6 40.9 61.3
89 55.8 42.1 63.1



#52
Acenaphthene
Concen: 46.192 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:154 Resp: 1021442
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.2
152 52.1 42.1 63.1

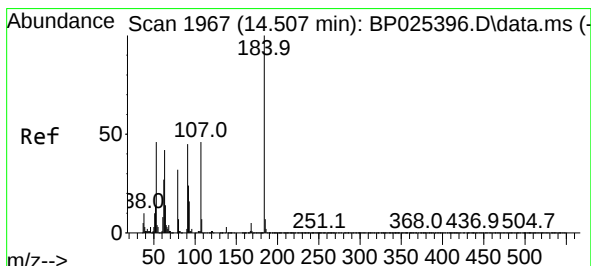
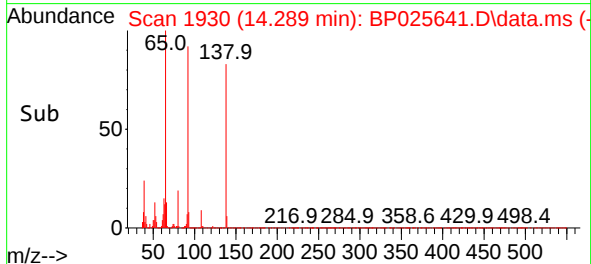
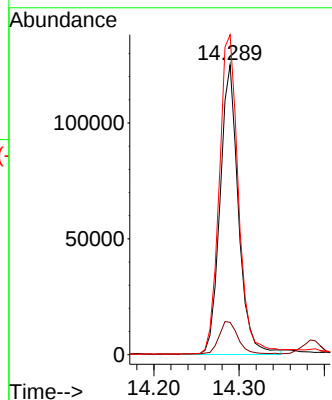
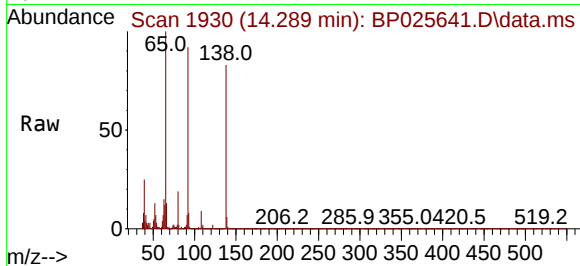




#53
3-Nitroaniline
Concen: 26.766 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

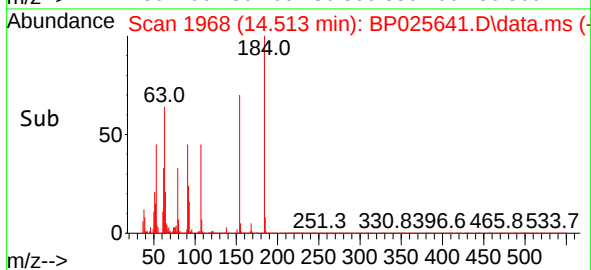
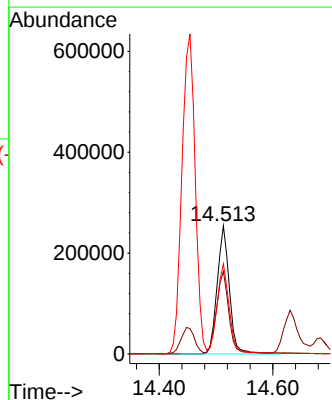
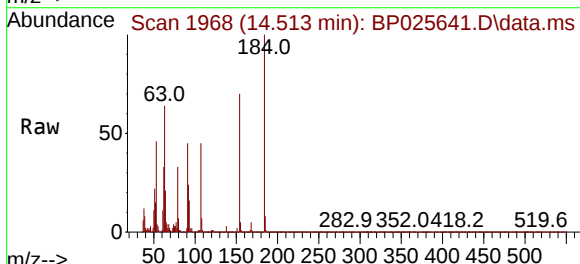
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

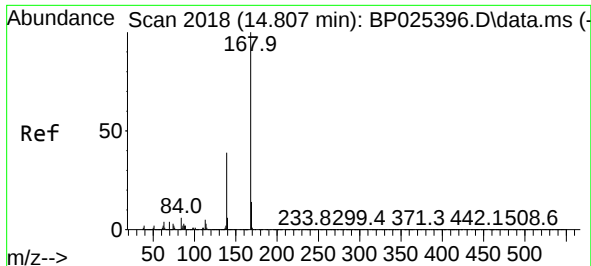
Tgt Ion:138 Resp: 187167
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 110.4 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 114.163 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:184 Resp: 378915
Ion Ratio Lower Upper
184 100
63 64.4 49.4 74.2
154 70.2 54.6 82.0

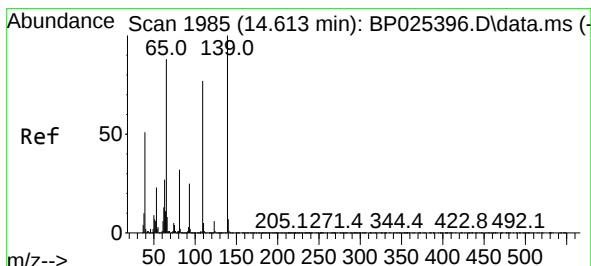
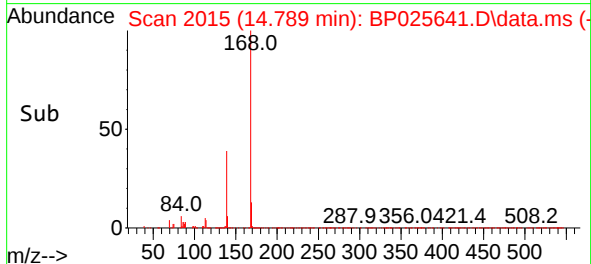
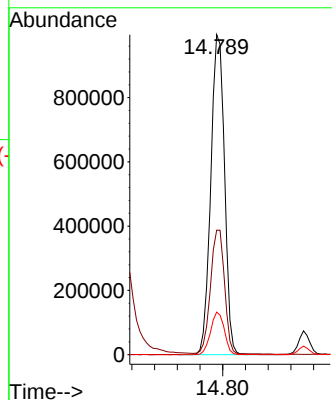
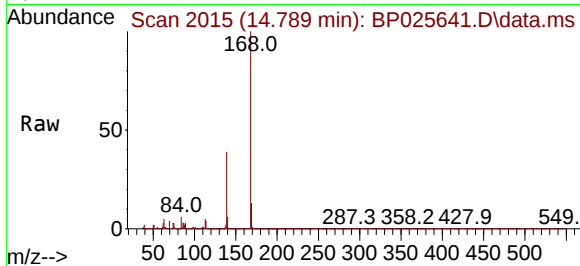




#55
Dibenzofuran
Concen: 47.731 ng
RT: 14.789 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

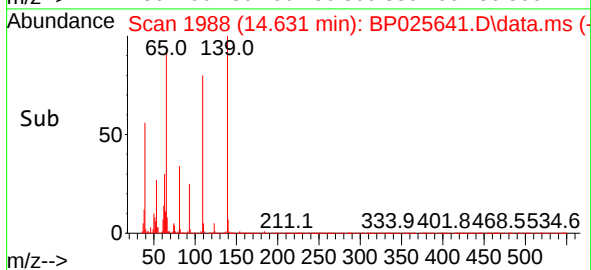
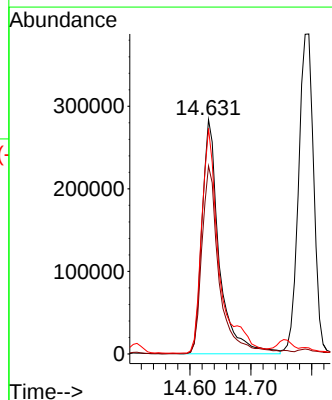
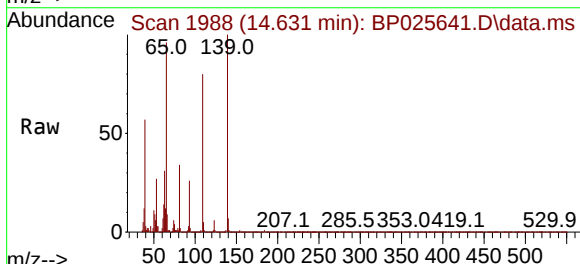
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

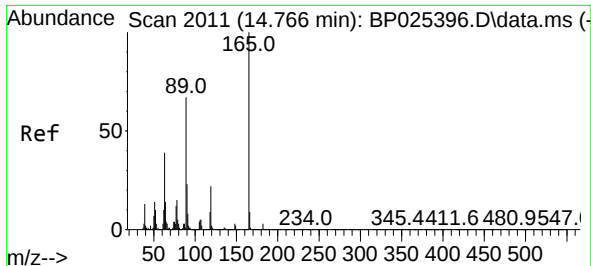
Tgt Ion:168 Resp: 1668707
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 97.025 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:139 Resp: 557517
Ion Ratio Lower Upper
139 100
109 80.2 56.6 96.6
65 96.1 68.2 108.2

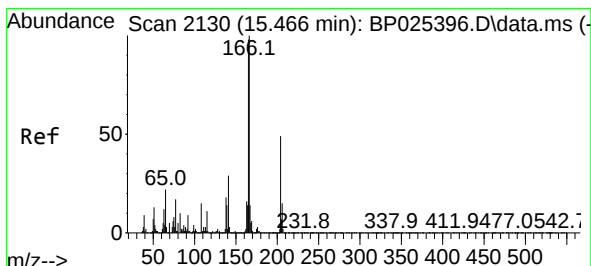
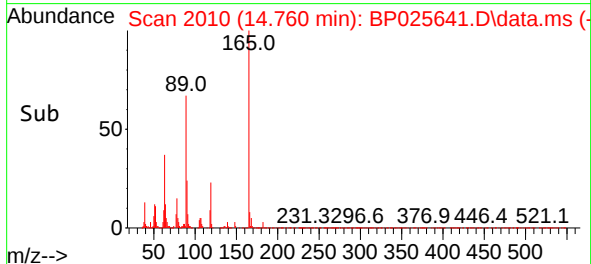
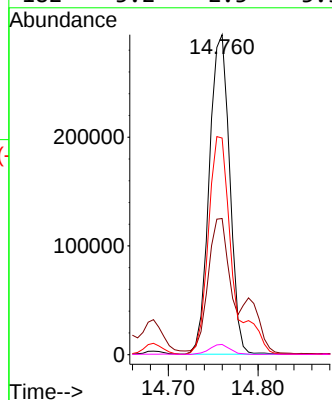
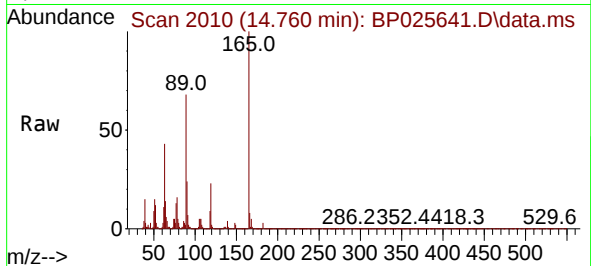




#57
2,4-Dinitrotoluene
Concen: 52.217 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

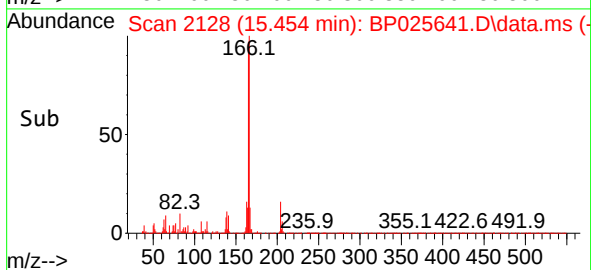
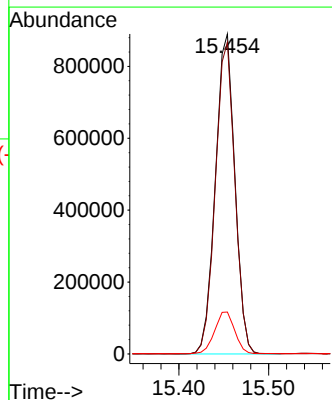
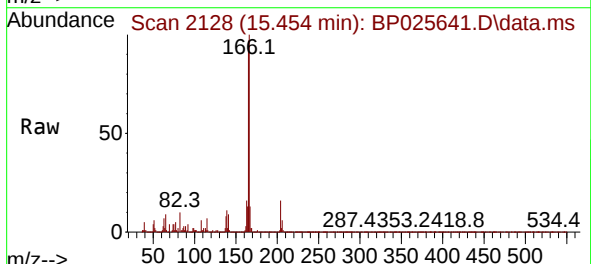
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

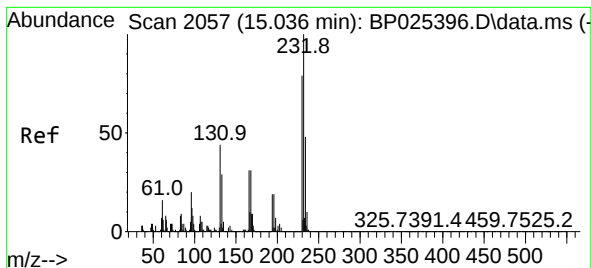
Tgt	Ion:165	Resp:	463031
Ion	Ratio	Lower	Upper
165	100		
63	42.6	31.4	47.2
89	67.7	53.3	79.9
182	3.2	2.3	3.5



#58
Fluorene
Concen: 48.656 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt	Ion:166	Resp:	1342240
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.1	11.0	16.4

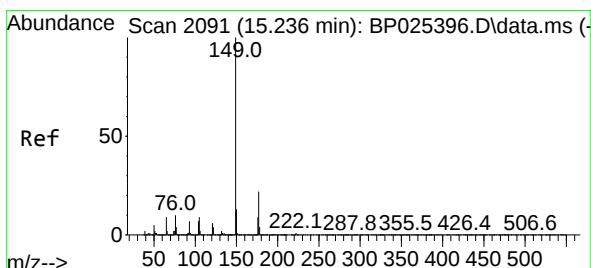
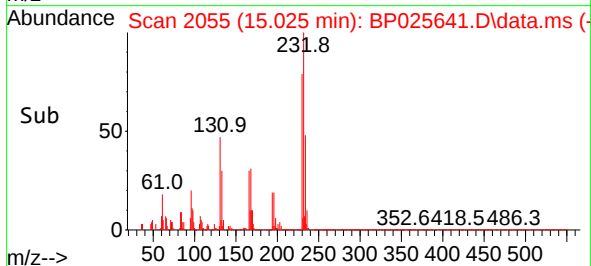
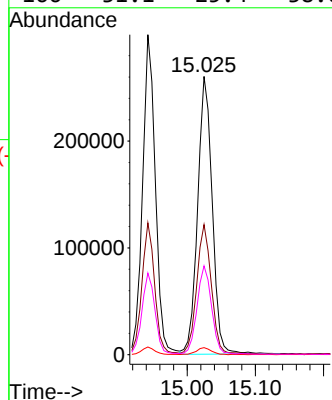
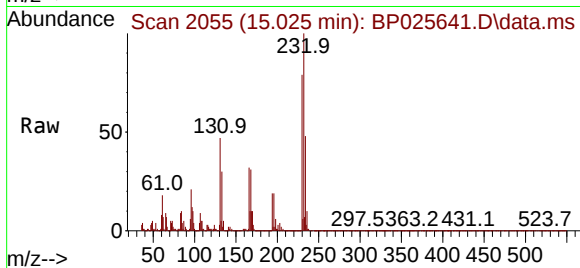




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.869 ng
RT: 15.025 min Scan# 2055
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

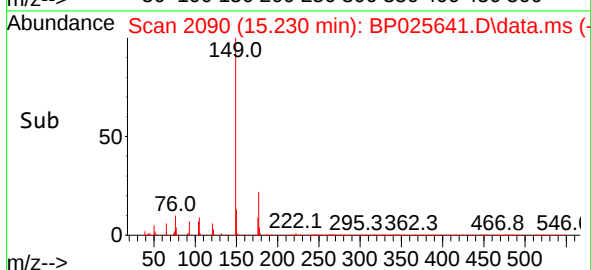
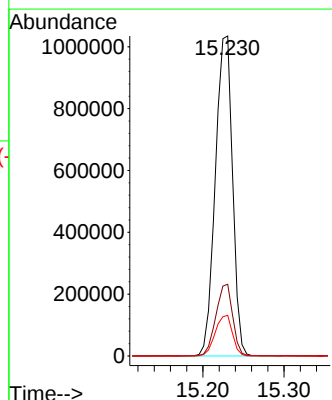
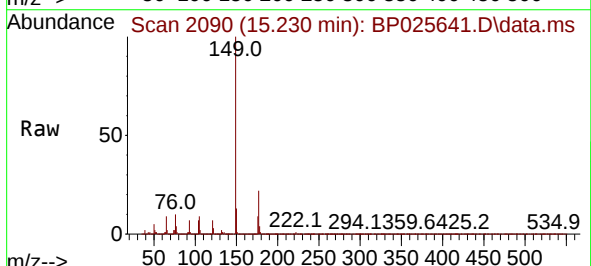
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

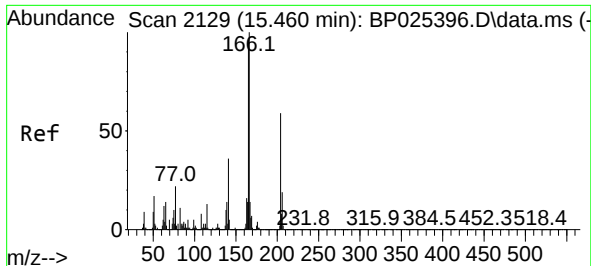
Tgt Ion:232 Resp: 386499
Ion Ratio Lower Upper
232 100
131 46.8 37.0 55.6
130 2.7 1.9 2.9
166 31.1 25.4 38.0



#60
Diethylphthalate
Concen: 50.855 ng
RT: 15.230 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:149 Resp: 1523749
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 12.7 10.3 15.5

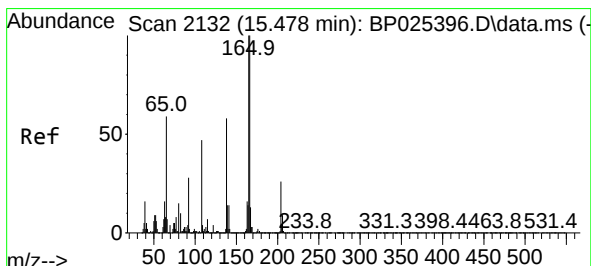
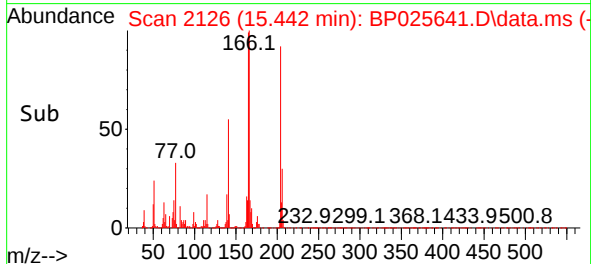
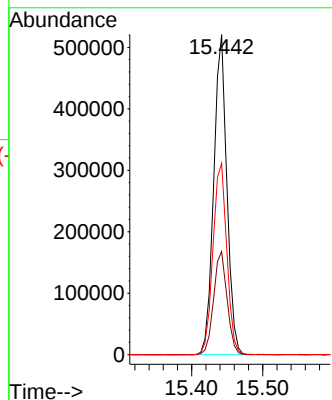
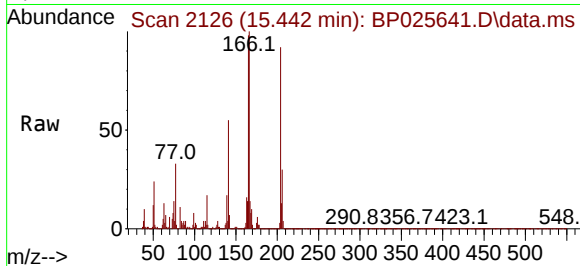




#61
4-Chlorophenyl-phenylether
Concen: 48.686 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

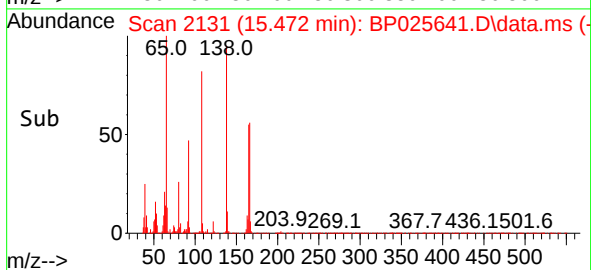
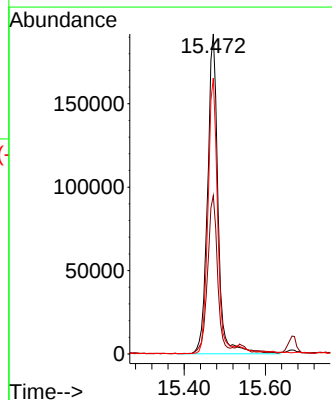
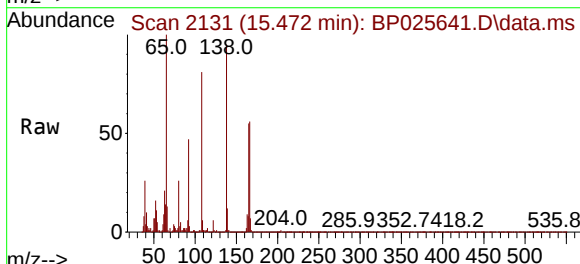
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

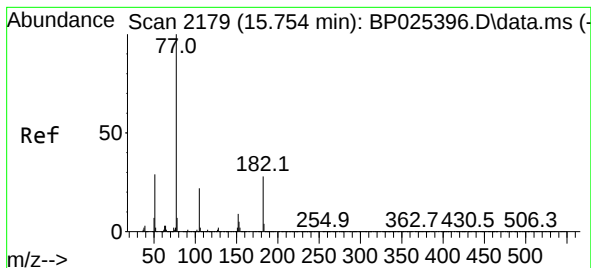
Tgt Ion:204 Resp: 667965
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 59.9 49.4 74.2



#62
4-Nitroaniline
Concen: 47.988 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:138 Resp: 344008
Ion Ratio Lower Upper
138 100
92 49.5 29.1 69.1
108 86.2 61.5 101.5





#63

Azobenzene

Concen: 55.606 ng

RT: 15.742 min Scan# 2179

Delta R.T. -0.012 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

Tgt Ion: 77 Resp: 1426606

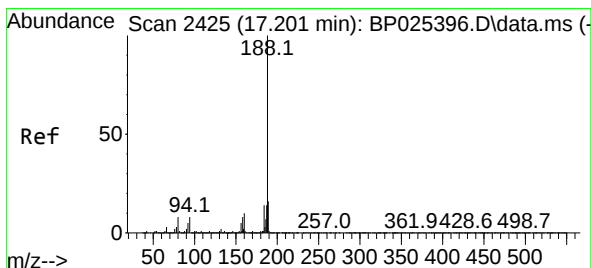
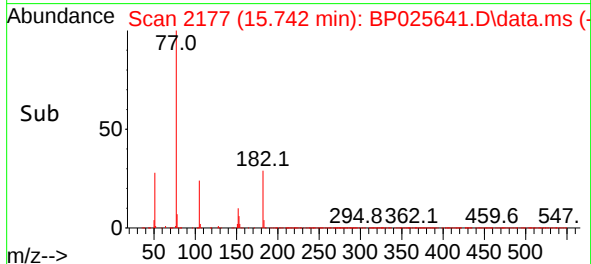
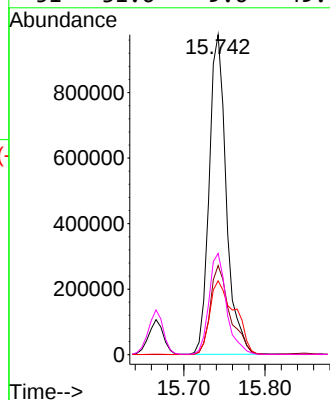
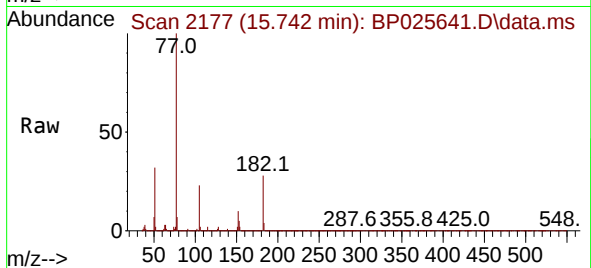
Ion Ratio Lower Upper

77 100

182 27.8 7.5 47.5

105 23.1 2.1 42.1

51 31.6 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

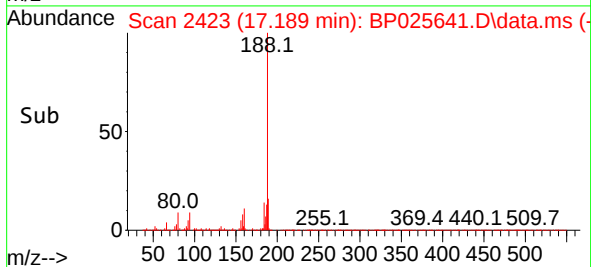
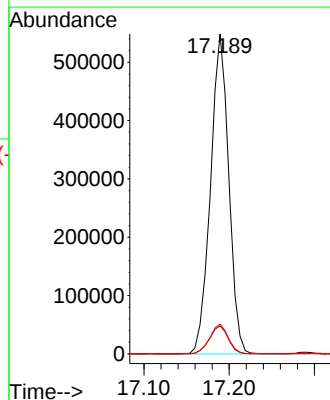
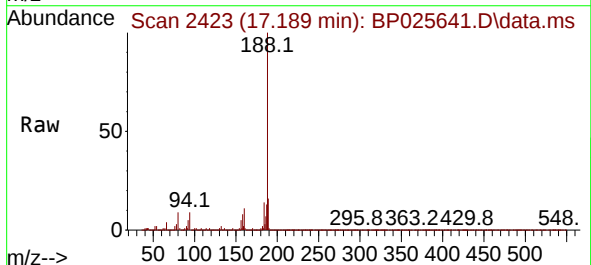
Tgt Ion:188 Resp: 815784

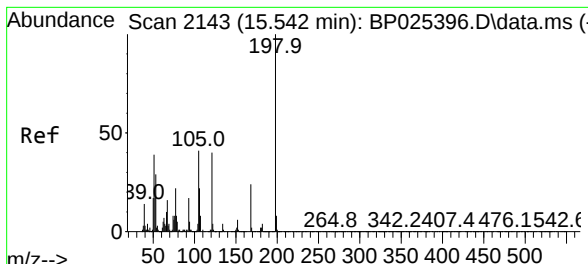
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.3 6.7 10.1



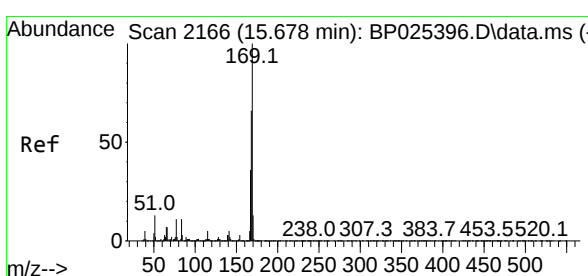
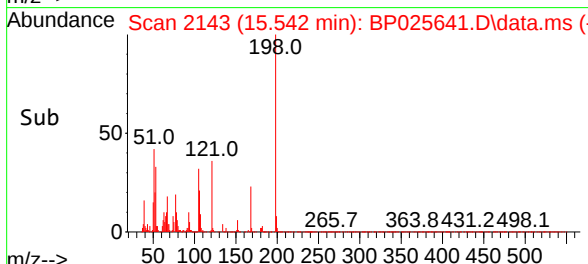
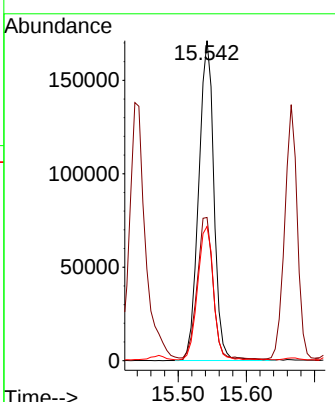
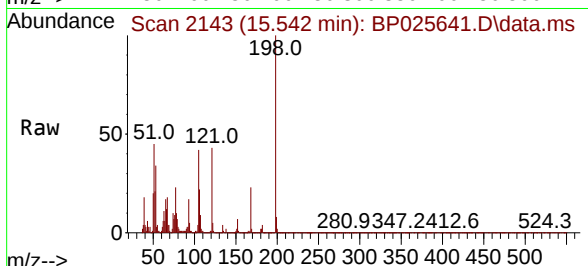


#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.517 ng
 RT: 15.542 min Scan# 2143
 Delta R.T. -0.000 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-5MS

Tgt Ion:198 Resp: 267058

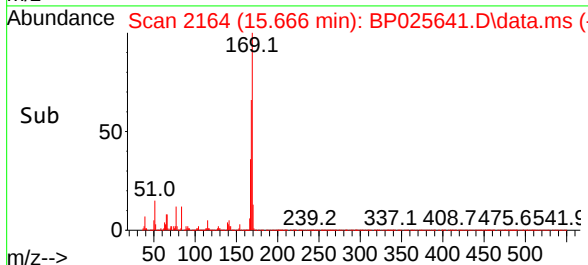
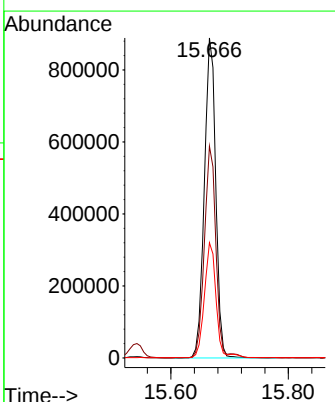
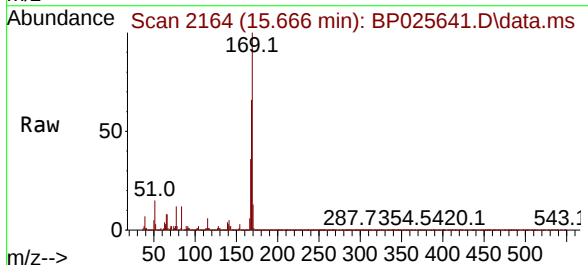
Ion	Ratio	Lower	Upper
198	100		
51	44.8	19.6	59.6
105	41.9	20.9	60.9

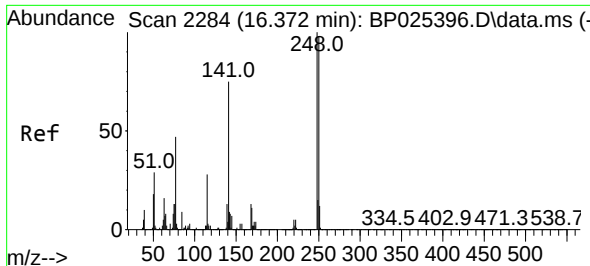


#66
 n-Nitrosodiphenylamine
 Concen: 47.799 ng
 RT: 15.666 min Scan# 2164
 Delta R.T. -0.012 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

Tgt Ion:169 Resp: 1189076

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.2	79.8
167	36.0	28.7	43.1

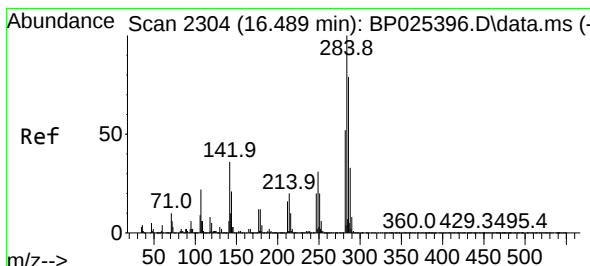
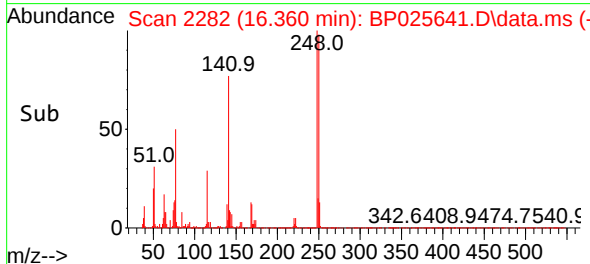
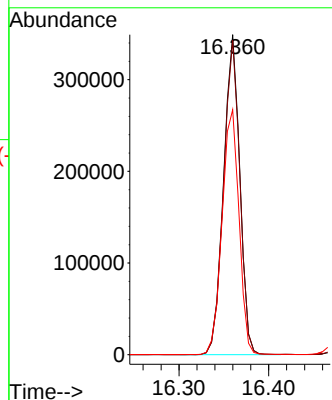
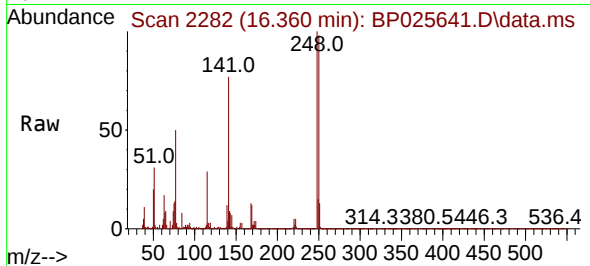




#67
4-Bromophenyl-phenylether
Concen: 48.976 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

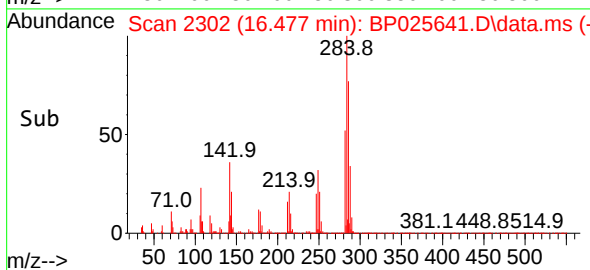
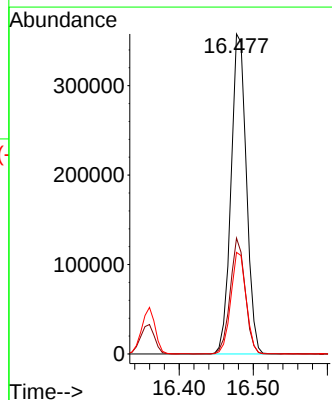
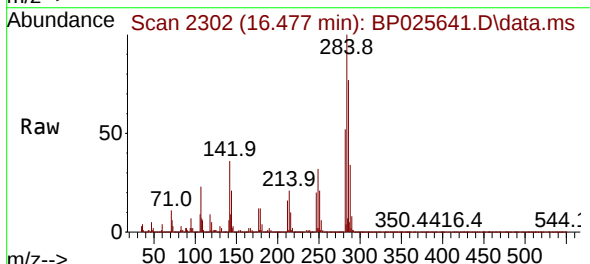
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

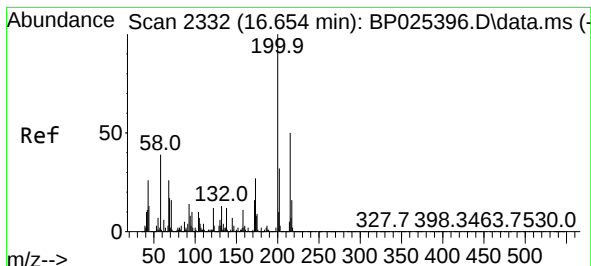
Tgt Ion:248 Resp: 439423
Ion Ratio Lower Upper
248 100
250 98.2 78.2 117.2
141 76.6 59.6 89.4



#68
Hexachlorobenzene
Concen: 49.509 ng
RT: 16.477 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:284 Resp: 514922
Ion Ratio Lower Upper
284 100
142 36.2 29.1 43.7
249 31.8 25.0 37.4





#69

Atrazine

Concen: 50.866 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

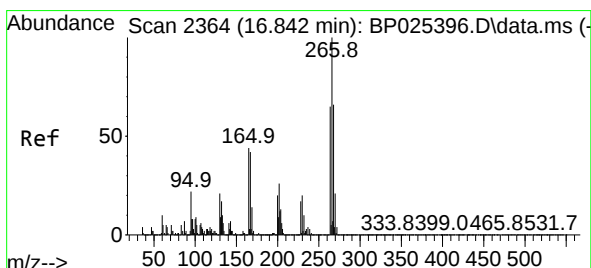
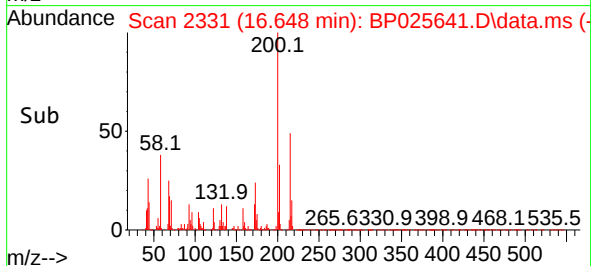
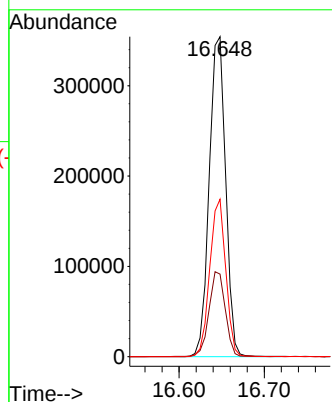
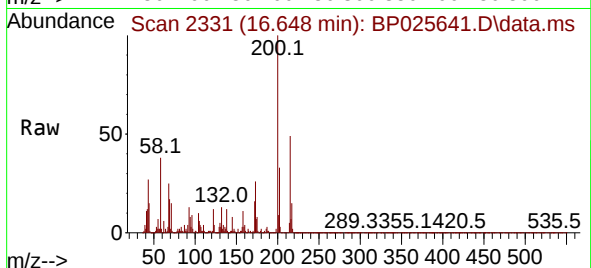
Tgt Ion:200 Resp: 473882

Ion Ratio Lower Upper

200 100

173 25.8 6.7 46.7

215 49.2 29.7 69.7



#70

Pentachlorophenol

Concen: 105.174 ng

RT: 16.836 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

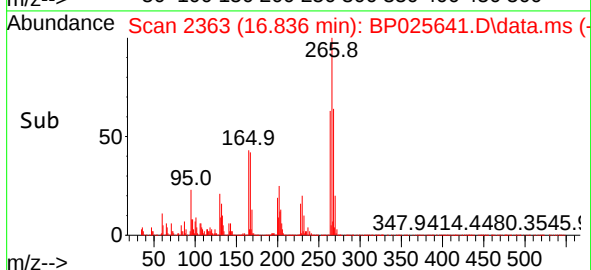
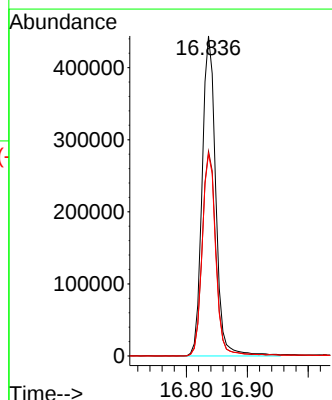
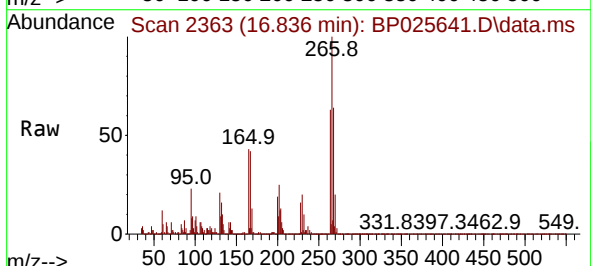
Tgt Ion:266 Resp: 690508

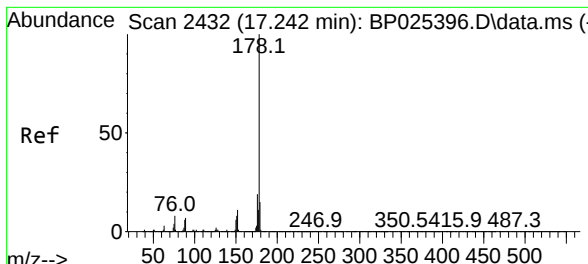
Ion Ratio Lower Upper

266 100

268 64.0 52.6 79.0

264 63.2 52.0 78.0



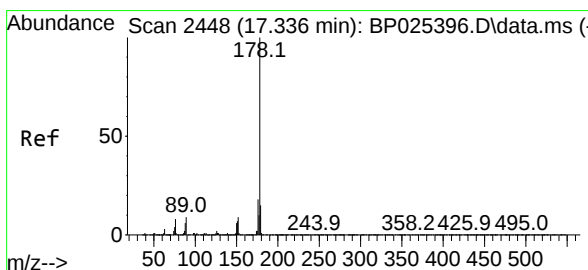
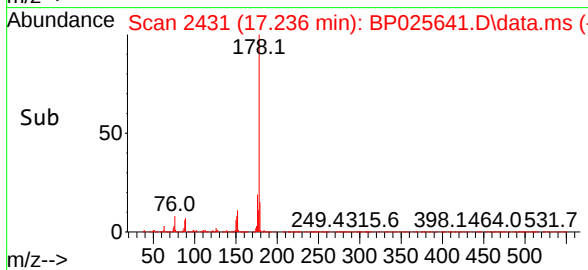
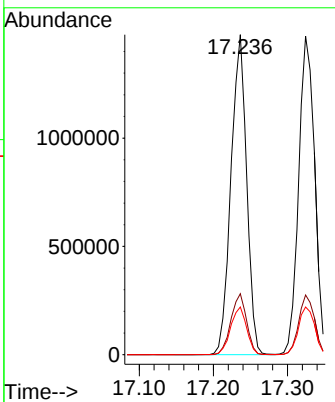
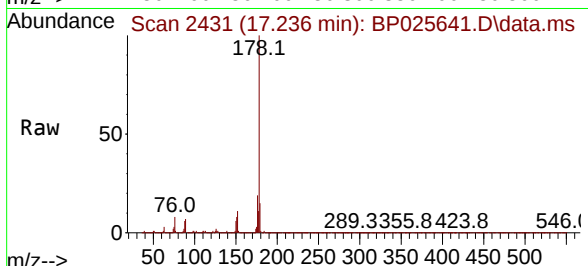


#71
 Phenanthrene
 Concen: 48.343 ng
 RT: 17.236 min Scan# 2431
 Delta R.T. -0.006 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-5MS

Tgt Ion:178 Resp: 2166406

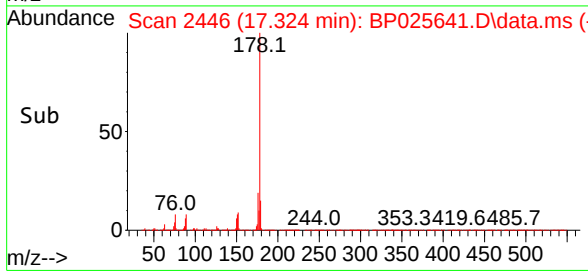
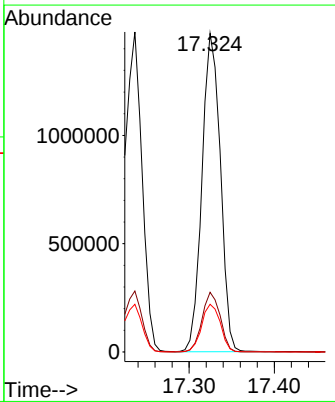
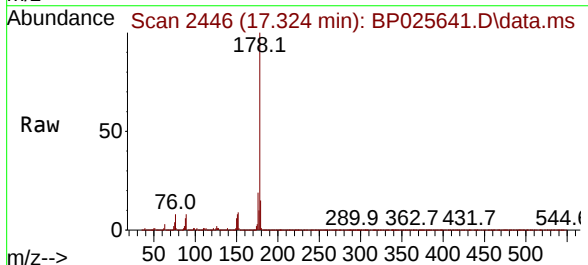
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	14.9	12.2	18.4

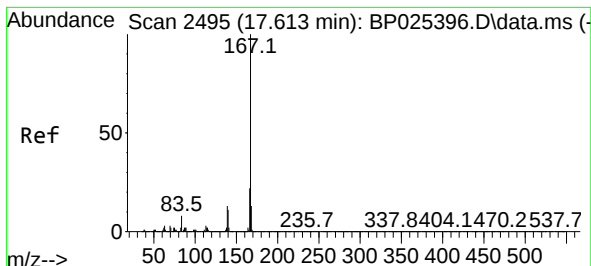


#72
 Anthracene
 Concen: 48.152 ng
 RT: 17.324 min Scan# 2446
 Delta R.T. -0.012 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

Tgt Ion:178 Resp: 2203641

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.0	12.2	18.2





#73

Carbazole

Concen: 49.180 ng

RT: 17.607 min Scan# 2495

Delta R.T. -0.006 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

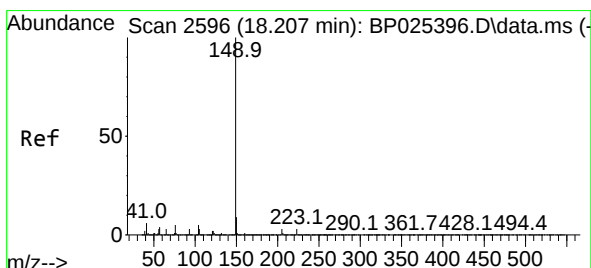
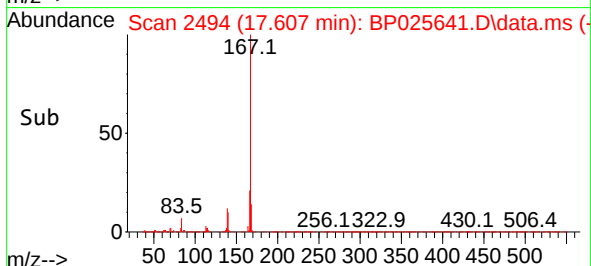
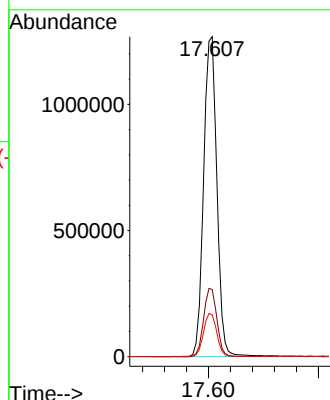
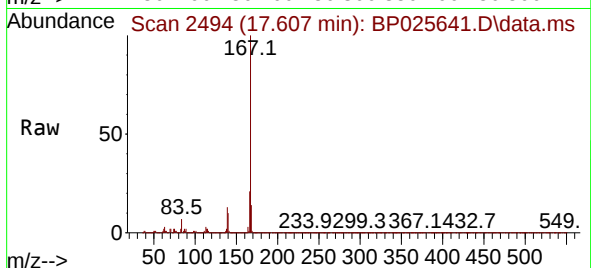
Tgt Ion:167 Resp: 2119936

Ion Ratio Lower Upper

167 100

166 21.0 17.5 26.3

139 13.1 10.6 16.0



#74

Di-n-butylphthalate

Concen: 52.409 ng

RT: 18.195 min Scan# 2594

Delta R.T. -0.012 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

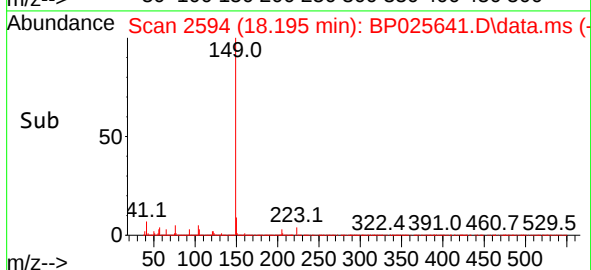
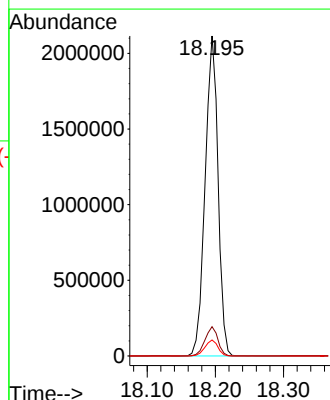
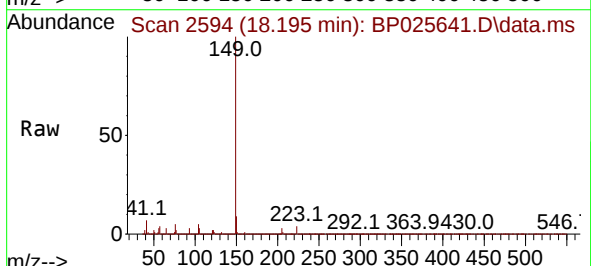
Tgt Ion:149 Resp: 2779464

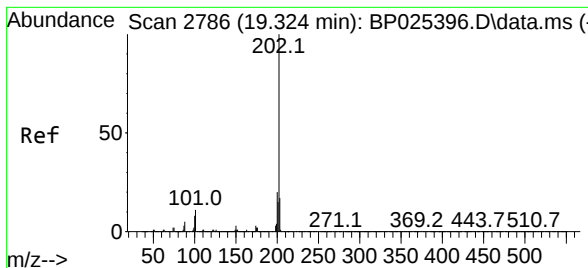
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 48.529 ng

RT: 19.324 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

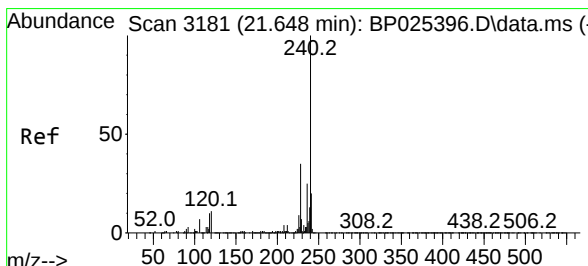
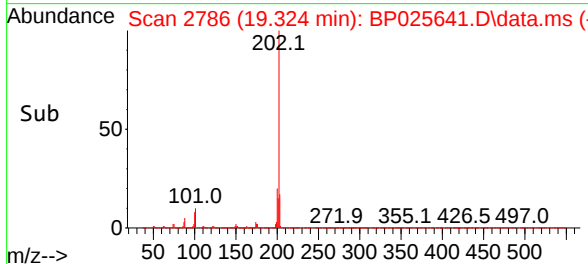
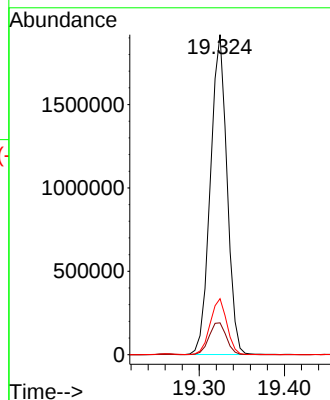
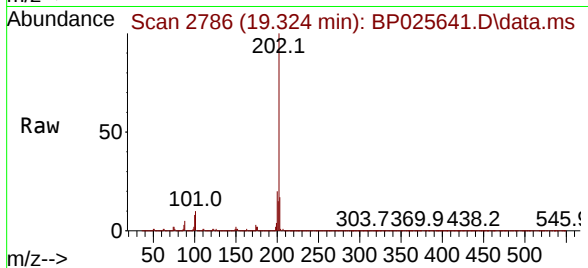
Tgt Ion:202 Resp: 2594129

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.1

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

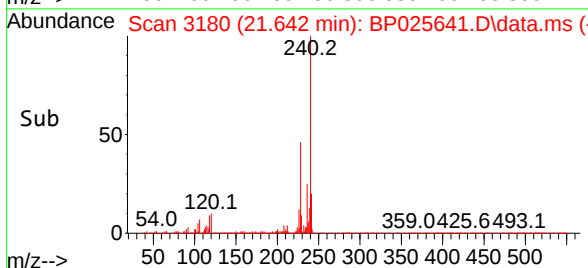
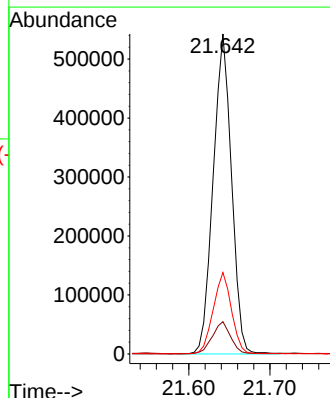
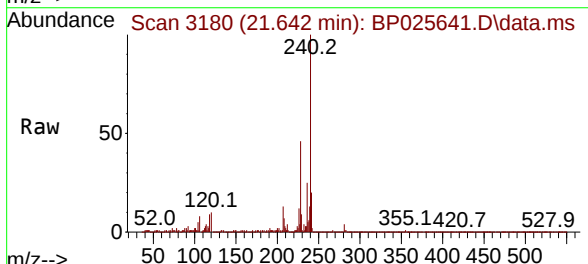
Tgt Ion:240 Resp: 851929

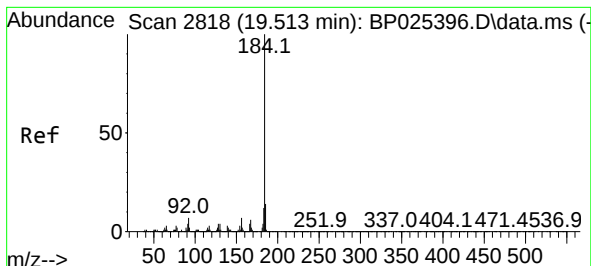
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.4 19.8 29.8





#77

Benzidine

Concen: 33.346 ng

RT: 19.507 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

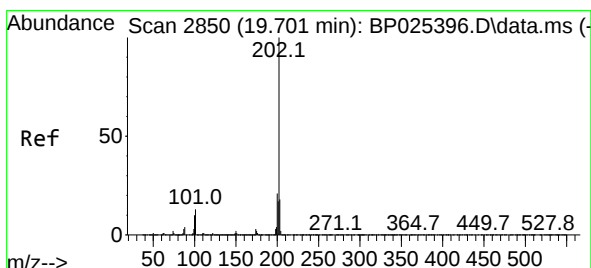
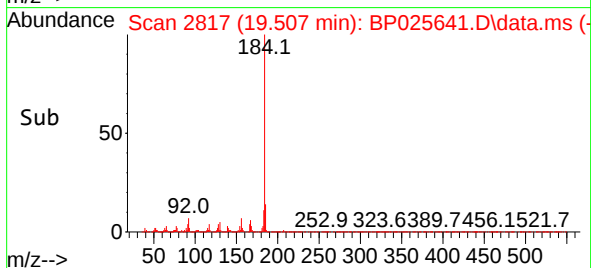
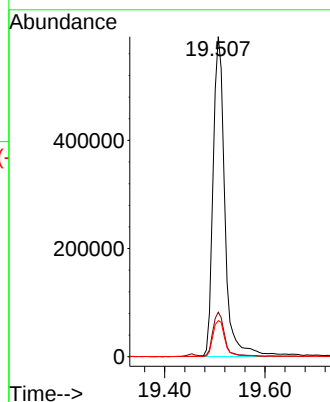
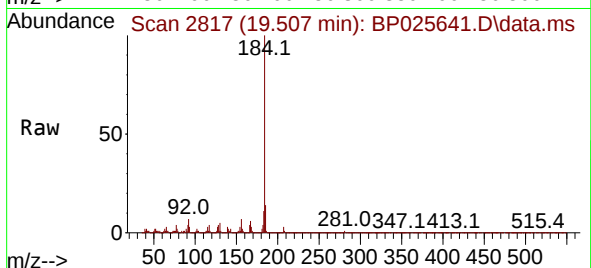
Tgt Ion:184 Resp: 969532

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 11.2 9.4 14.2



#78

Pyrene

Concen: 48.424 ng

RT: 19.701 min Scan# 2850

Delta R.T. -0.000 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

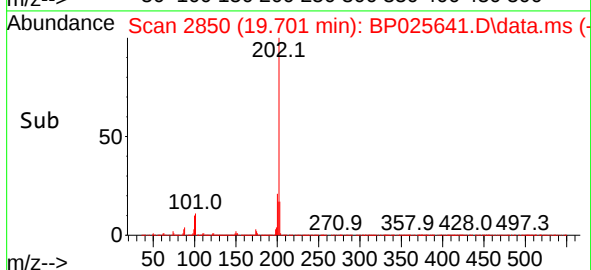
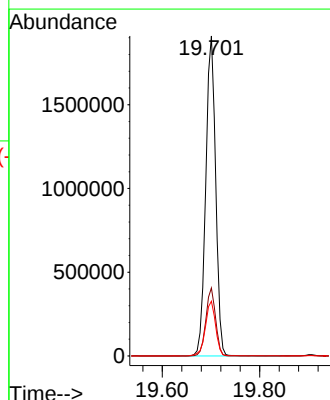
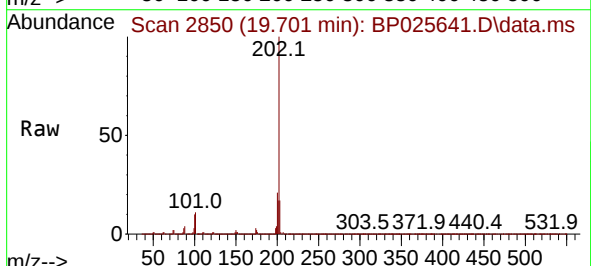
Tgt Ion:202 Resp: 2681388

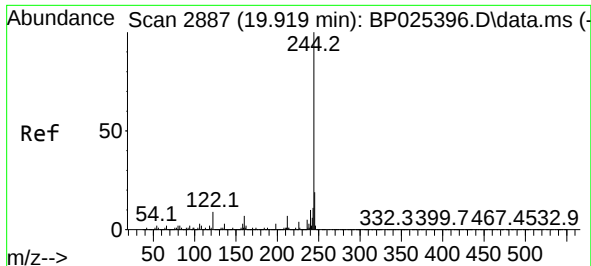
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.1 14.2 21.2

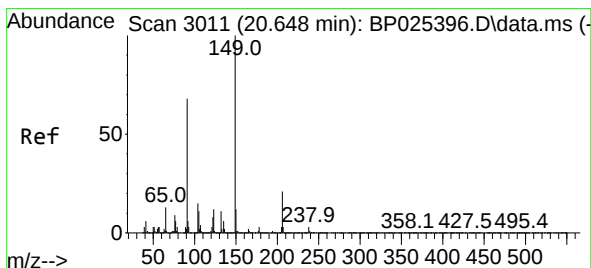
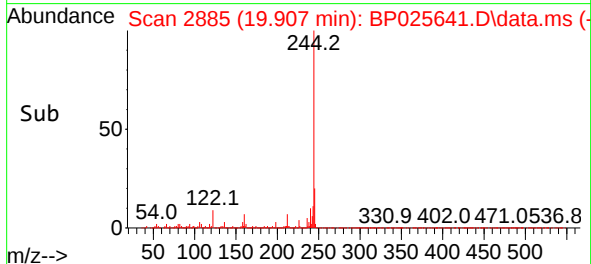
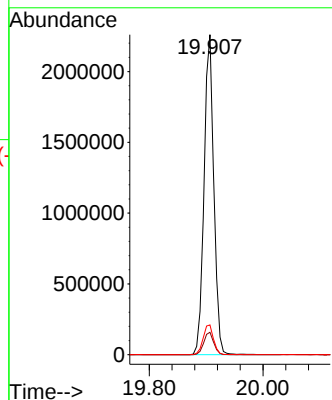
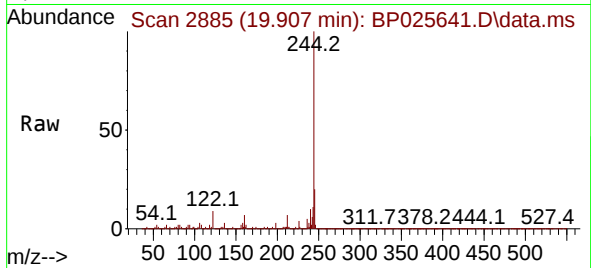




#79
 Terphenyl-d14
 Concen: 57.633 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

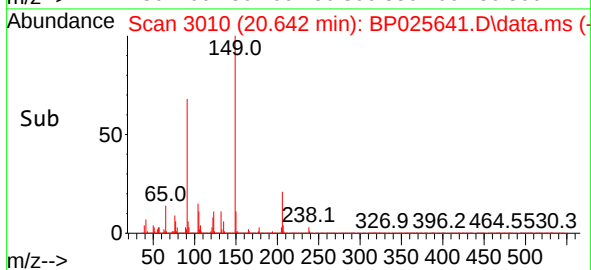
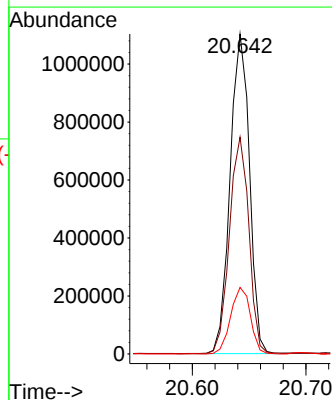
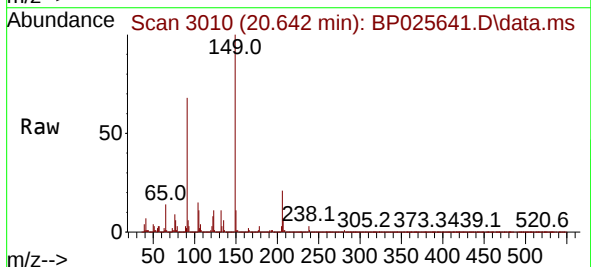
Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-5MS

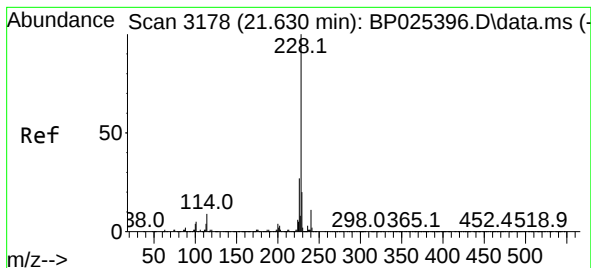
Tgt Ion:244 Resp: 2683647
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.3 7.4 11.2



#80
 Butylbenzylphthalate
 Concen: 51.951 ng
 RT: 20.642 min Scan# 3010
 Delta R.T. -0.006 min
 Lab File: BP025641.D
 Acq: 02 Sep 2025 16:56

Tgt Ion:149 Resp: 1303731
 Ion Ratio Lower Upper
 149 100
 91 67.8 54.2 81.2
 206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.428 ng

RT: 21.618 min Scan# 3176

Delta R.T. -0.012 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

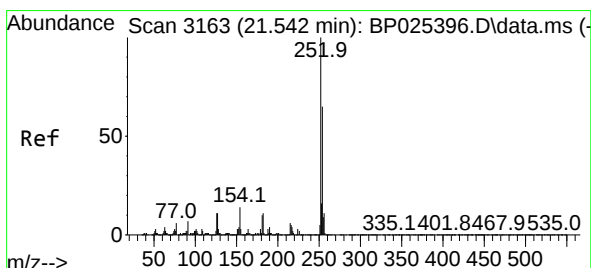
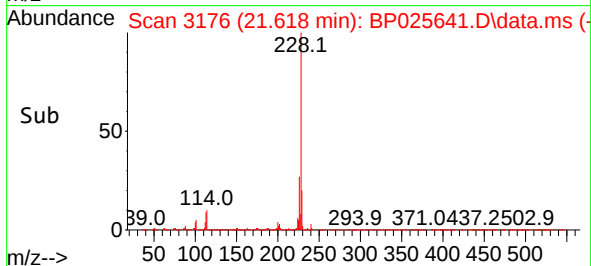
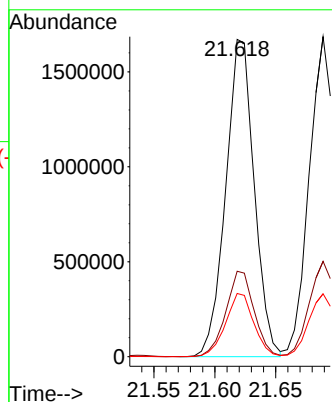
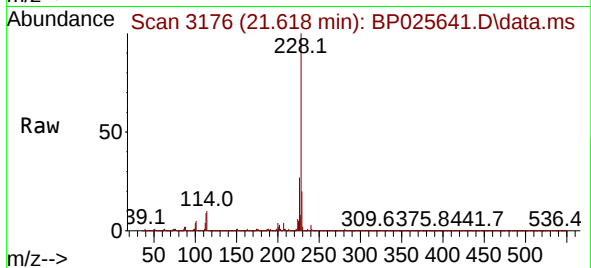
Tgt Ion:228 Resp: 2720953

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 27.357 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

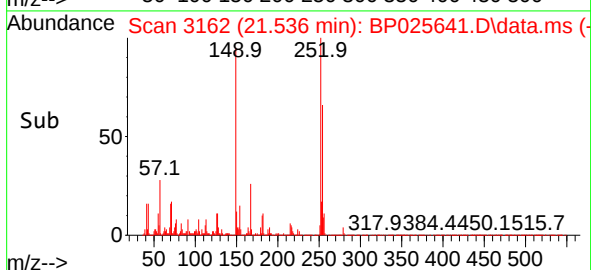
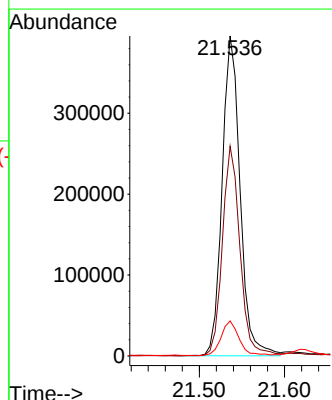
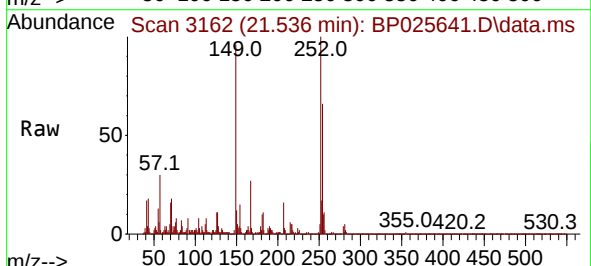
Tgt Ion:252 Resp: 579354

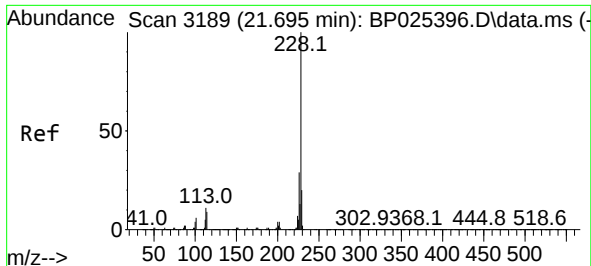
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.6

126 11.0 9.1 13.7

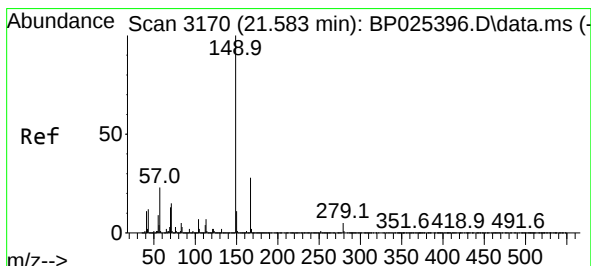
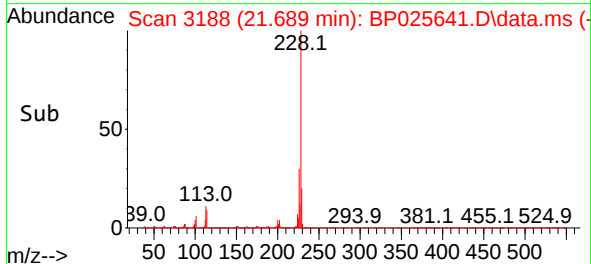
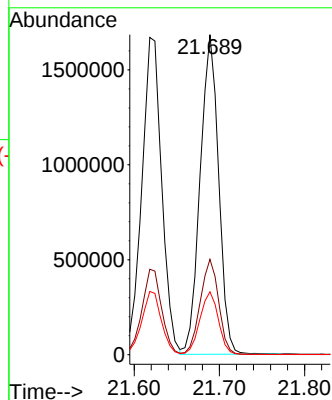
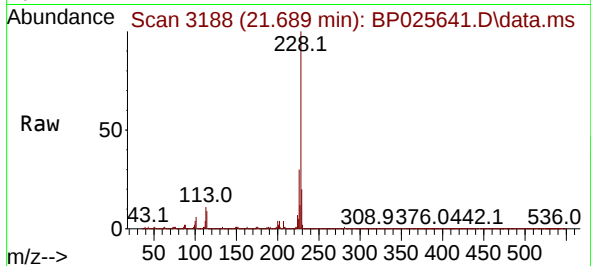




#83
Chrysene
Concen: 48.166 ng
RT: 21.689 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

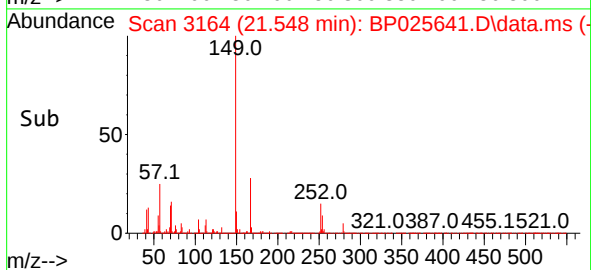
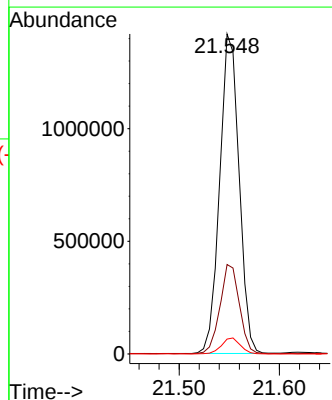
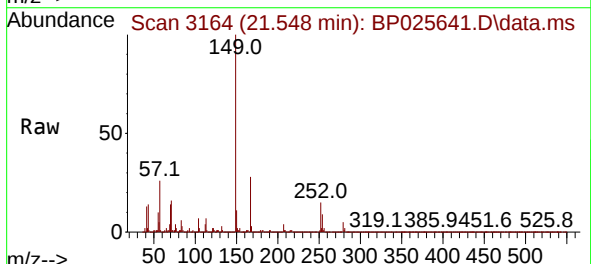
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

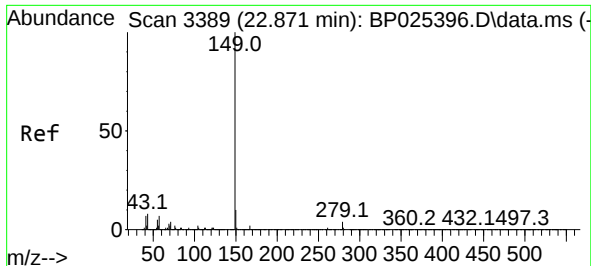
Tgt Ion:228 Resp: 2534334
Ion Ratio Lower Upper
228 100
226 29.8 23.2 34.8
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.550 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.035 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:149 Resp: 1904356
Ion Ratio Lower Upper
149 100
167 28.0 22.1 33.1
279 4.6 3.8 5.6

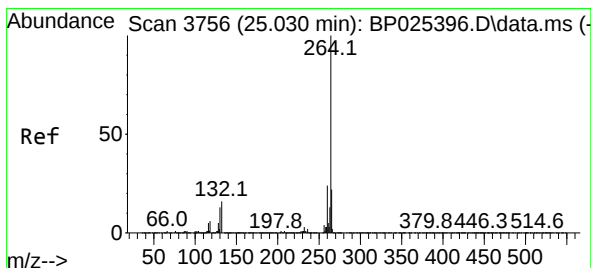
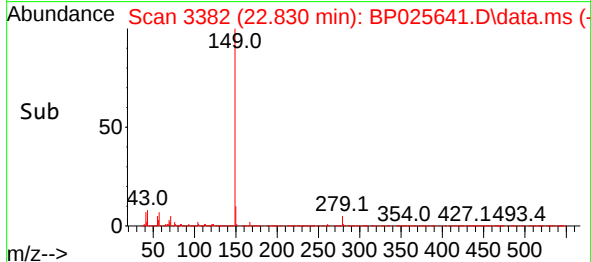
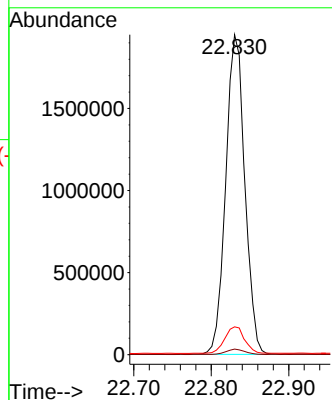
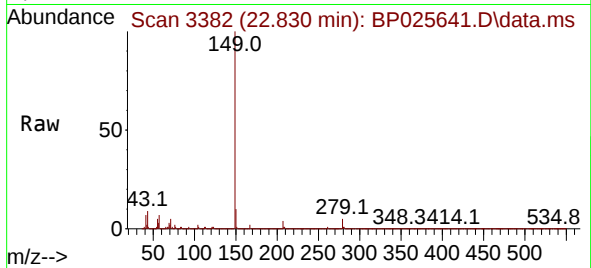




#85
Di-n-octyl phthalate
Concen: 52.513 ng
RT: 22.830 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

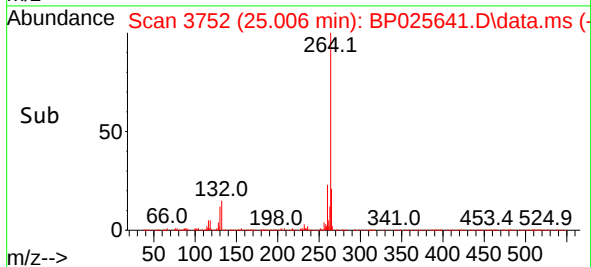
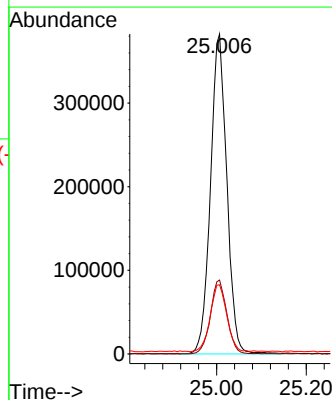
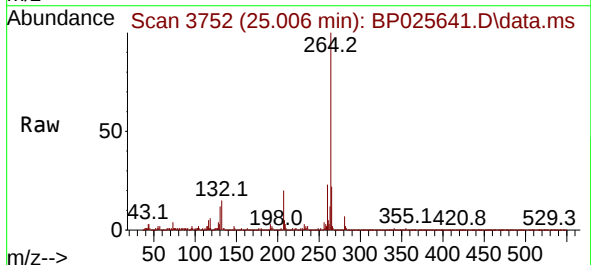
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

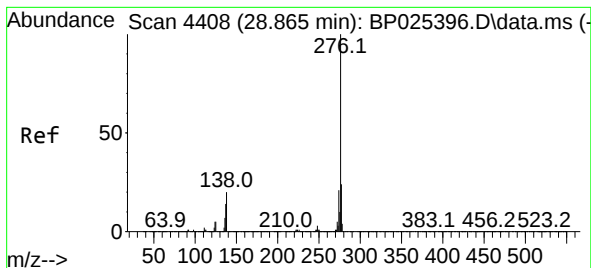
Tgt Ion:149 Resp: 3336783
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:264 Resp: 966507
Ion Ratio Lower Upper
264 100
260 23.1 19.3 28.9
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.251 ng

RT: 28.859 min Scan# 4408

Delta R.T. -0.006 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

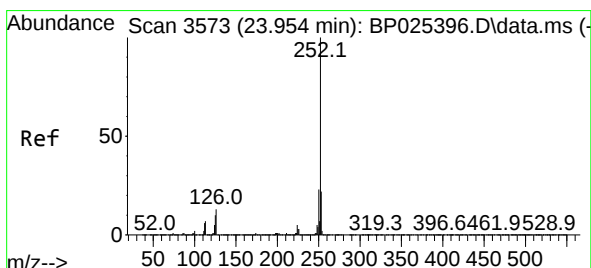
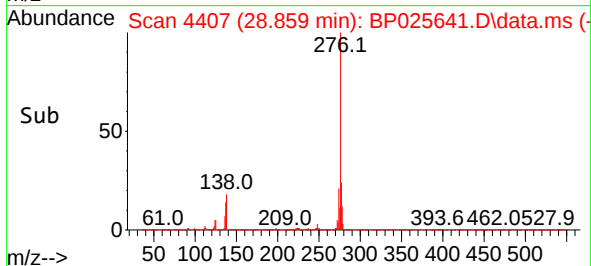
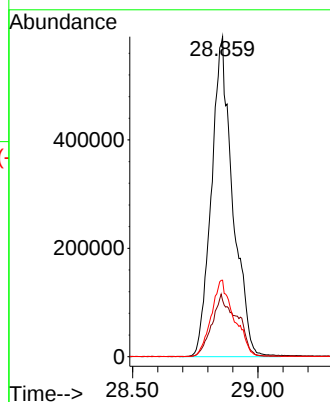
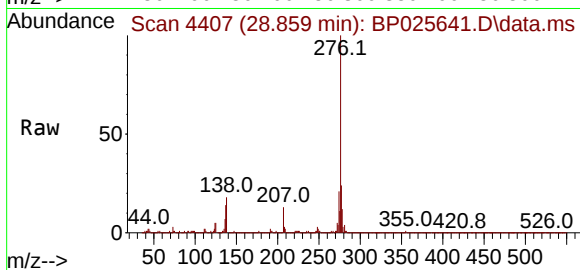
Tgt Ion:276 Resp: 3490890

Ion Ratio Lower Upper

276 100

138 22.8 12.9 19.3#

277 25.6 17.0 25.6#



#88

Benzo(b)fluoranthene

Concen: 48.512 ng

RT: 23.936 min Scan# 3570

Delta R.T. -0.018 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

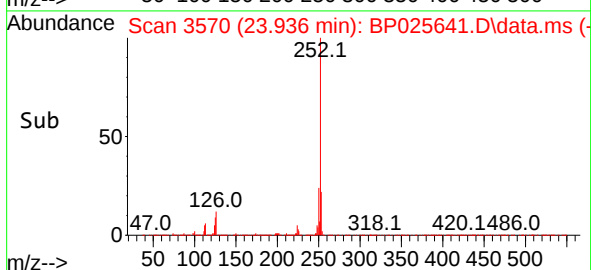
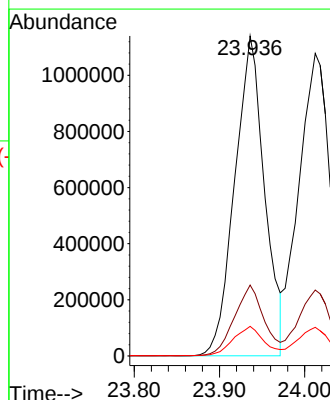
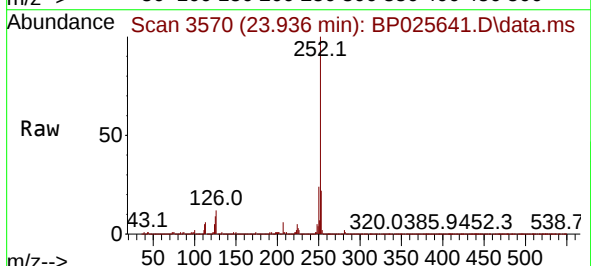
Tgt Ion:252 Resp: 2764802

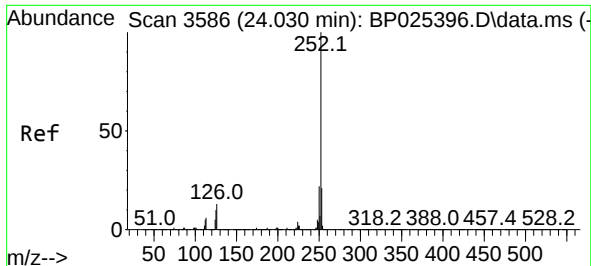
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.2 7.9 11.9

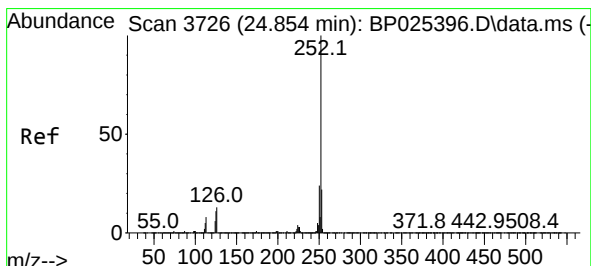
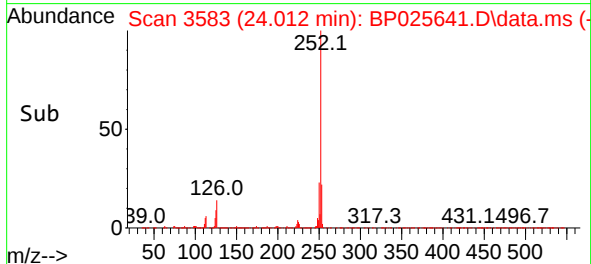
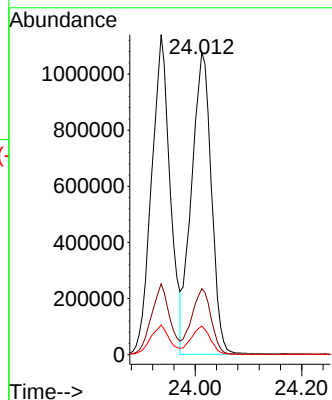
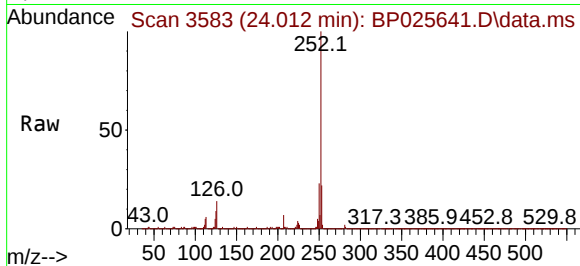




#89
Benzo(k)fluoranthene
Concen: 48.775 ng
RT: 24.012 min Scan# 3586
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

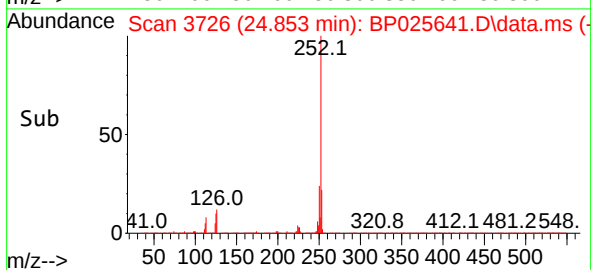
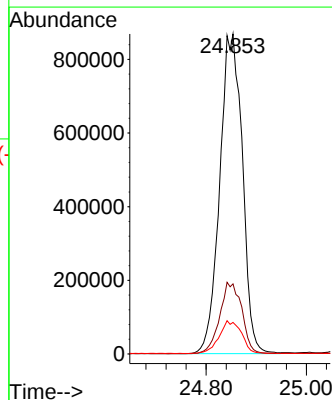
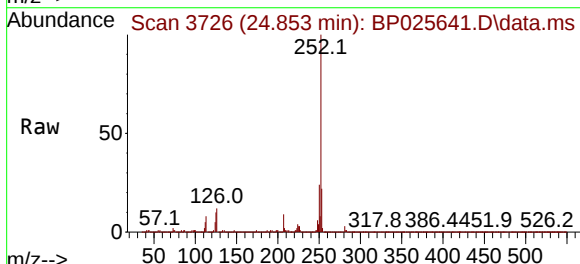
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

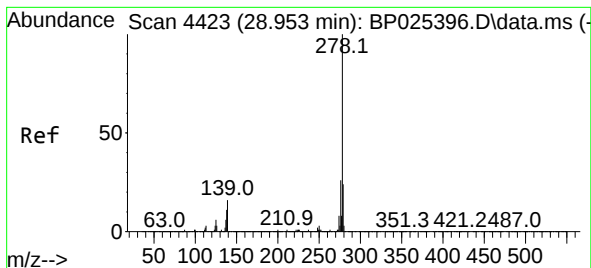
Tgt Ion:252 Resp: 2781699
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 49.109 ng
RT: 24.853 min Scan# 3726
Delta R.T. -0.000 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:252 Resp: 2724422
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 49.497 ng

RT: 28.930 min Scan# 4419

Delta R.T. -0.024 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MS

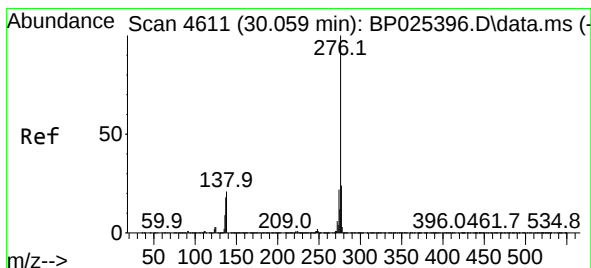
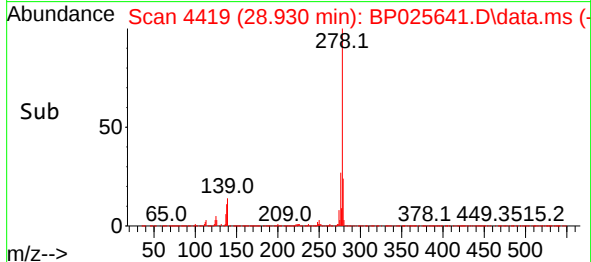
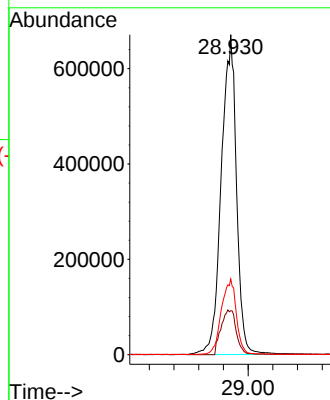
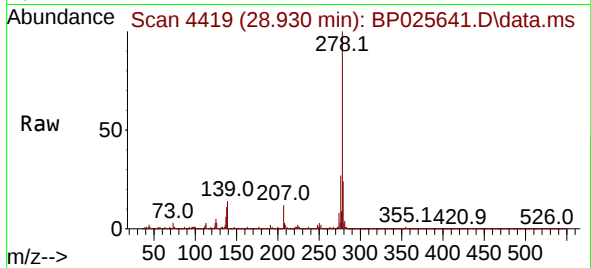
Tgt Ion:278 Resp: 2867026

Ion Ratio Lower Upper

278 100

139 13.8 13.0 19.4

279 23.7 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 26.563 ng

RT: 30.030 min Scan# 4606

Delta R.T. -0.030 min

Lab File: BP025641.D

Acq: 02 Sep 2025 16:56

Tgt Ion:276 Resp: 1512455

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 19.0 16.7 25.1

