

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025142.D
 Acq On : 15 Jul 2025 12:25
 Operator : CG/JU
 Sample : Q2517-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-14MSD

Quant Time: Jul 15 12:55:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	450758	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	1771052	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1239026	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2245143	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2333965	20.000	ng	0.00
86) Perylene-d12	24.460	264	2604119	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3866007	151.966	ng	0.01
7) Phenol-d6	6.643	99	4050176	121.998	ng	0.01
23) Nitrobenzene-d5	8.572	82	2808094	105.447	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	2303159	157.351	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	7791042	97.412	ng	0.00
79) Terphenyl-d14	19.666	244	10964731	103.250	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.137	88	413009	41.750	ng	# 54
3) Pyridine	3.502	79	994084	36.705	ng	99
4) n-Nitrosodimethylamine	3.414	42	521113	45.443	ng	89
6) Aniline	6.790	93	754414	24.322	ng	99
8) 2-Chlorophenol	7.019	128	1399555	49.170	ng	99
9) Benzaldehyde	6.602	77	502085	28.959	ng	97
10) Phenol	6.666	94	1455874	43.159	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1174035	45.223	ng	99
12) 1,3-Dichlorobenzene	7.337	146	1358482	42.644	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1380125	42.791	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1354964	43.672	ng	100
15) Benzyl Alcohol	7.678	79	1127757	50.896	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1465007	43.400	ng	98
17) 2-Methylphenol	7.884	107	1114293	51.281	ng	99
18) Hexachloroethane	8.502	117	472149	44.937	ng	95
19) n-Nitroso-di-n-propyla...	8.237	70	908933	46.165	ng	98
20) 3+4-Methylphenols	8.202	107	1506758	49.506	ng	99
22) Acetophenone	8.243	105	1937481	46.258	ng	98
24) Nitrobenzene	8.607	77	1319982	48.663	ng	96
25) Isophorone	9.143	82	2623436	52.714	ng	98
26) 2-Nitrophenol	9.313	139	756333	56.809	ng	98
27) 2,4-Dimethylphenol	9.390	122	1323680	71.301	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1643213	48.628	ng	99
29) 2,4-Dichlorophenol	9.843	162	1374794	53.407	ng	98
30) 1,2,4-Trichlorobenzene	10.054	180	1362608	47.800	ng	99
31) Naphthalene	10.237	128	4097555	44.932	ng	100
32) Benzoic acid	9.525	122	990346	52.701	ng	95
33) 4-Chloroaniline	10.349	127	358100	10.522	ng	99
34) Hexachlorobutadiene	10.537	225	805418	49.234	ng	100
35) Caprolactam	11.125	113	398963	45.304	ng	98
36) 4-Chloro-3-methylphenol	11.490	107	1413338	52.539	ng	99
37) 2-Methylnaphthalene	11.866	142	2750044	42.739	ng	99
38) 1-Methylnaphthalene	12.084	142	2875053	45.814	ng	98
40) 1,2,4,5-Tetrachloroben...	12.248	216	1605751	45.093	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2032775	218.547	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	1150744	53.369	ng	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	1360286	55.667	ng	98
46) 1,1'-Biphenyl	12.907	154	4503006	49.950	ng	100
47) 2-Chloronaphthalene	12.943	162	3422978	50.518	ng	99
48) 2-Nitroaniline	13.142	65	918137	54.895	ng	93
49) Acenaphthylene	13.801	152	5730777	55.260	ng	99
50) Dimethylphthalate	13.554	163	4515455	52.062	ng	100
51) 2,6-Dinitrotoluene	13.660	165	968831	57.275	ng	94
52) Acenaphthene	14.160	154	3212866	48.067	ng	99
53) 3-Nitroaniline	13.984	138	606446	33.454	ng	98
54) 2,4-Dinitrophenol	14.207	184	1166495	136.991	ng	92
55) Dibenzofuran	14.507	168	4810567	43.610	ng	100
56) 4-Nitrophenol	14.319	139	1711981	102.335	ng	97
57) 2,4-Dinitrotoluene	14.472	165	1273598	51.120	ng	90
58) Fluorene	15.166	166	3919203	45.934	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	1134112	51.251	ng	97
60) Diethylphthalate	14.960	149	4057770	46.581	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1940199	45.950	ng	99
62) 4-Nitroaniline	15.189	138	966397	50.840	ng	97
63) Azobenzene	15.478	77	3277601	42.253	ng	96
65) 4,6-Dinitro-2-methylph...	15.248	198	693150	65.538	ng	95
66) n-Nitrosodiphenylamine	15.389	169	3473950	54.067	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	1296565	56.402	ng	98
68) Hexachlorobenzene	16.195	284	1531815	54.518	ng	99
69) Atrazine	16.383	200	1259683	66.904	ng	99
70) Pentachlorophenol	16.560	266	2152402	113.429	ng	99
71) Phenanthrene	16.954	178	6097921	50.830	ng	100
72) Anthracene	17.042	178	6212631	53.979	ng	100
73) Carbazole	17.325	167	5909405	52.513	ng	100
74) Di-n-butylphthalate	17.948	149	7167302	57.195	ng	99
75) Fluoranthene	19.054	202	7220036	51.487	ng	99
77) Benzidine	19.254	184	1062027	25.764	ng	97
78) Pyrene	19.424	202	7413040	51.280	ng	100
80) Butylbenzylphthalate	20.424	149	3285222	58.142	ng	96
81) Benzo(a)anthracene	21.324	228	7519807	53.165	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	2078808	48.822	ng	99
83) Chrysene	21.383	228	6861933	50.413	ng	100
84) Bis(2-ethylhexyl)phtha...	21.307	149	4701989	61.976	ng	99
85) Di-n-octyl phthalate	22.524	149	8083246	56.821	ng	98
87) Indeno(1,2,3-cd)pyrene	27.995	276	10688941m	64.431	ng	
88) Benzo(b)fluoranthene	23.495	252	7757348	51.179	ng	99
89) Benzo(k)fluoranthene	23.554	252	7833452	51.941	ng	99
90) Benzo(a)pyrene	24.324	252	7413243	57.465	ng	99
91) Dibenzo(a,h)anthracene	28.089	278	8698013	63.429	ng	98
92) Benzo(g,h,i)perylene	29.100	276	7897272	55.748	ng	99

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

Instrument :

BNA P

ClientSampleId :

TP-14MSD

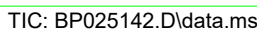
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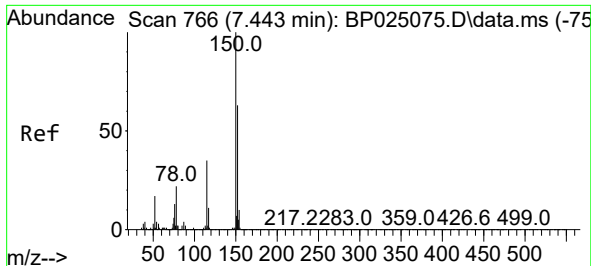
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M

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QLast Update : Thu Jul 03 16:05:44 2025

Response via : Initial Calibration

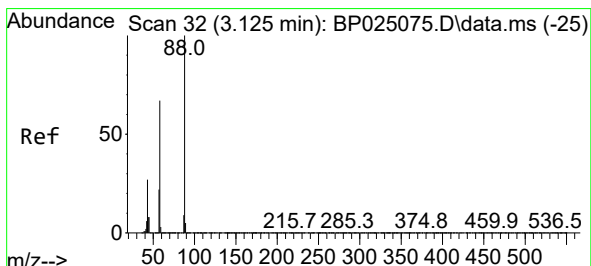
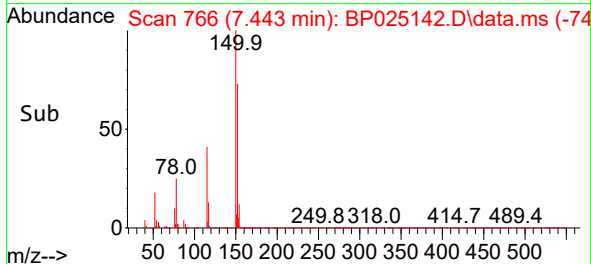
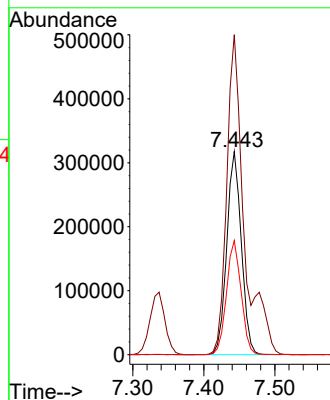
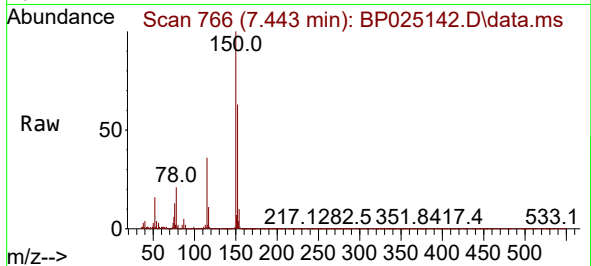




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BP025142.D
 Acq: 15 Jul 2025 12:25

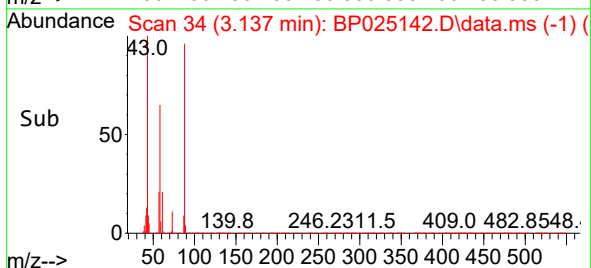
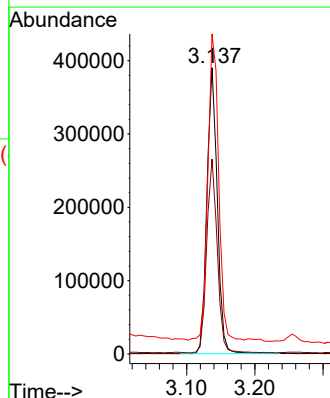
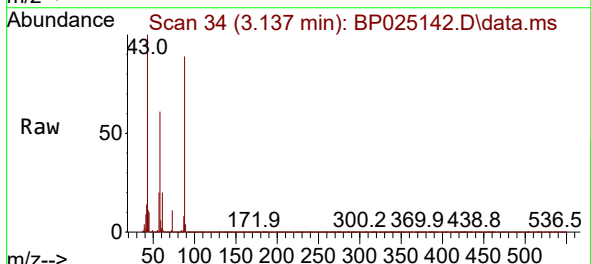
Instrument :
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 TP-14MSD

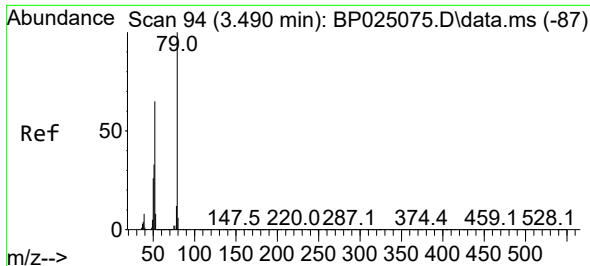
Tgt Ion:152 Resp: 450758
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.1 189.1
 115 56.2 44.3 66.5



#2
 1,4-Dioxane
 Concen: 41.750 ng
 RT: 3.137 min Scan# 34
 Delta R.T. 0.012 min
 Lab File: BP025142.D
 Acq: 15 Jul 2025 12:25

Tgt Ion: 88 Resp: 413009
 Ion Ratio Lower Upper
 88 100
 58 69.0 55.0 82.4
 43 110.8 21.9 32.9#

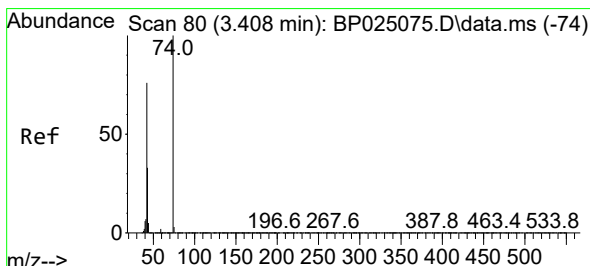
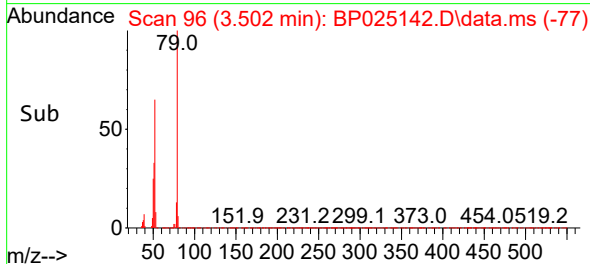
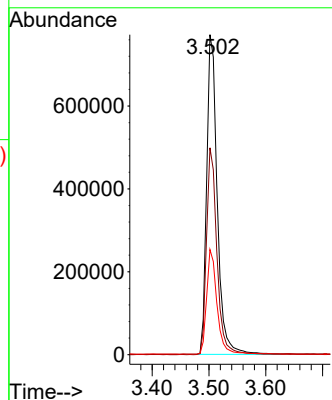
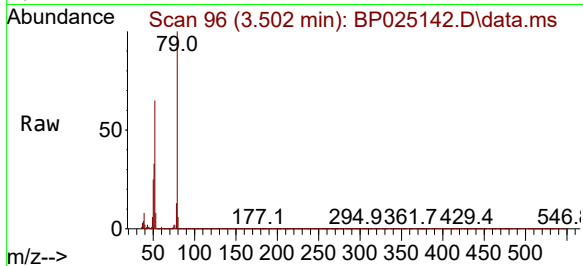




#3
Pyridine
Concen: 36.705 ng
RT: 3.502 min Scan# 90
Delta R.T. 0.012 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

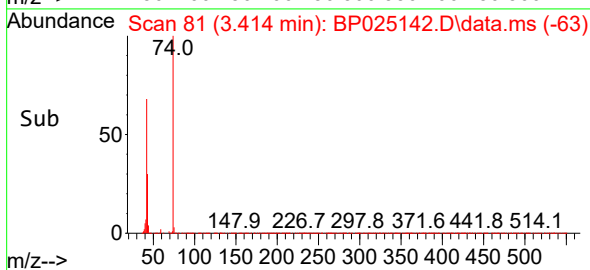
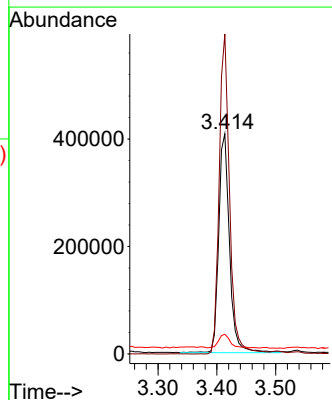
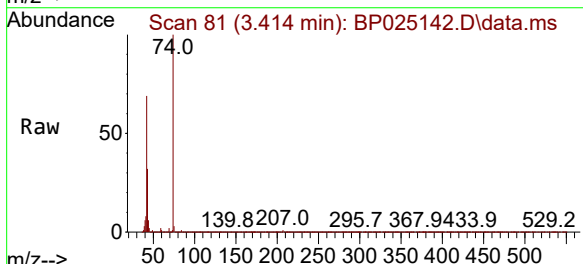
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BNA_P
ClientSampleId :
TP-14MSD

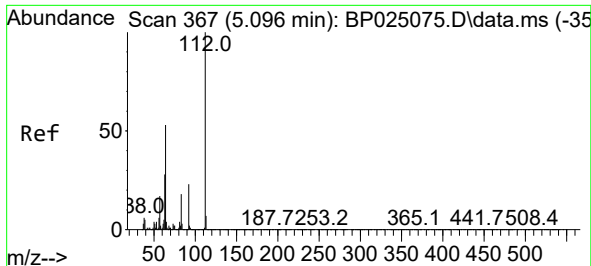
Tgt Ion: 79 Resp: 994084
Ion Ratio Lower Upper
79 100
52 64.6 52.2 78.4
51 32.8 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 45.443 ng
RT: 3.414 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 42 Resp: 521113
Ion Ratio Lower Upper
42 100
74 145.3 105.2 157.8
44 8.9 6.6 9.8

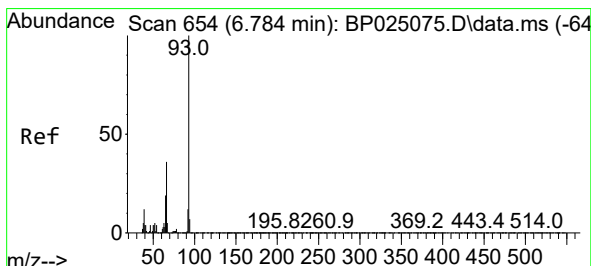
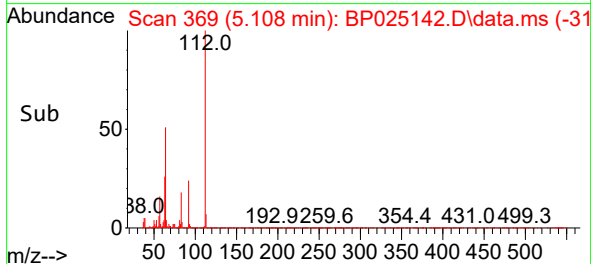
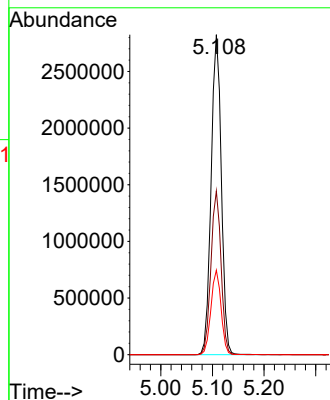
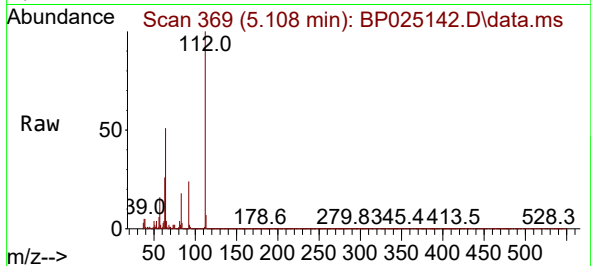




#5
2-Fluorophenol
Concen: 151.966 ng
RT: 5.108 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

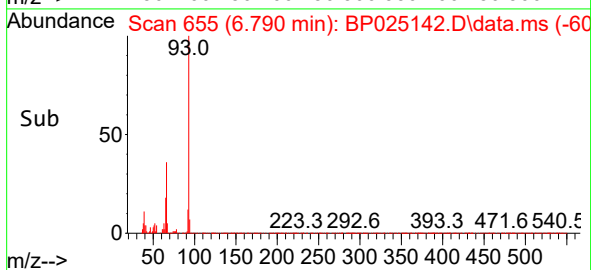
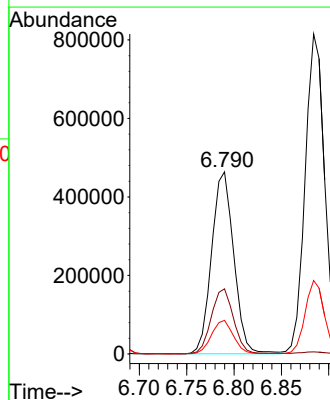
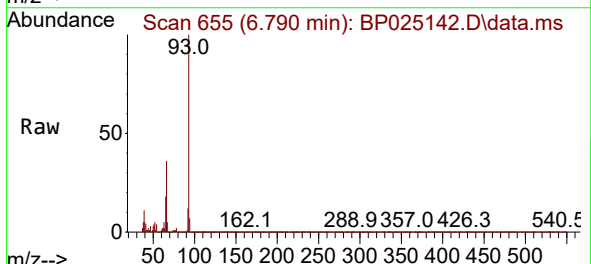
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ClientSampleId :
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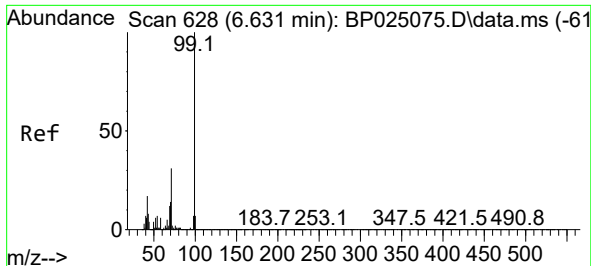
Tgt Ion:112 Resp: 3866007
Ion Ratio Lower Upper
112 100
64 51.2 42.0 63.0
63 26.4 22.2 33.2



#6
Aniline
Concen: 24.322 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 93 Resp: 754414
Ion Ratio Lower Upper
93 100
66 35.8 28.9 43.3
65 18.5 15.2 22.8

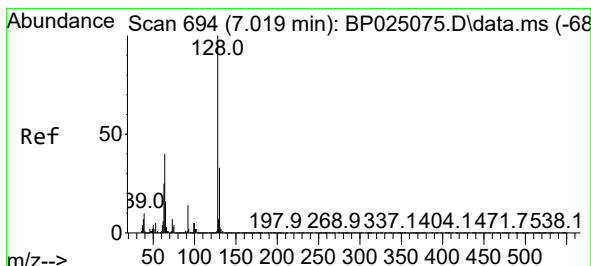
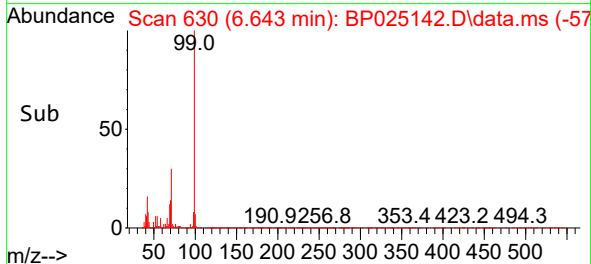
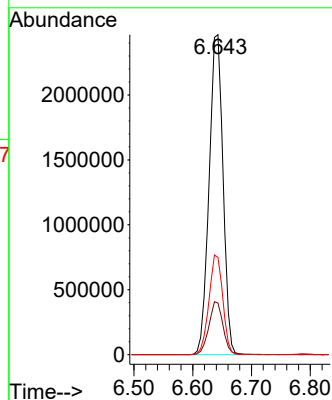
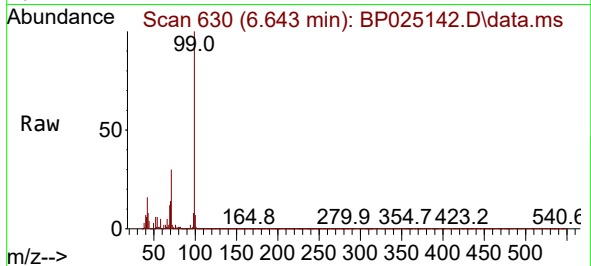




#7
Phenol-d6
Concen: 121.998 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

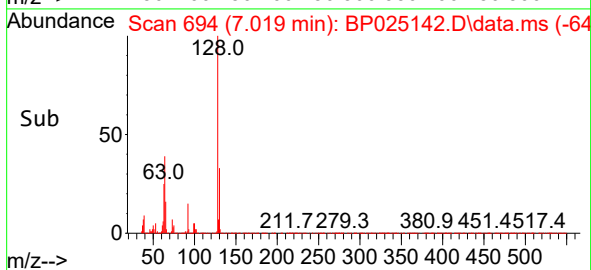
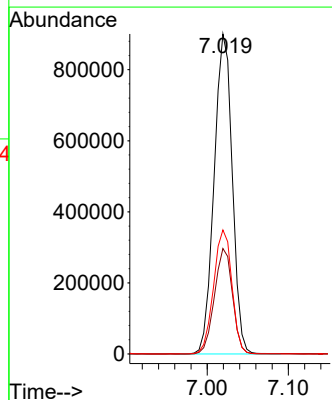
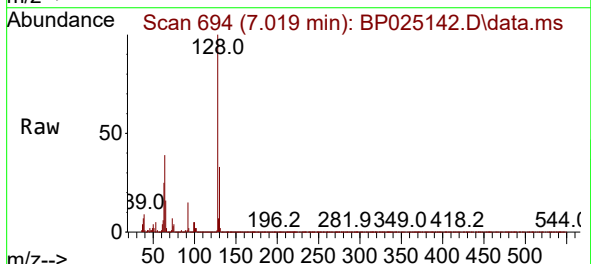
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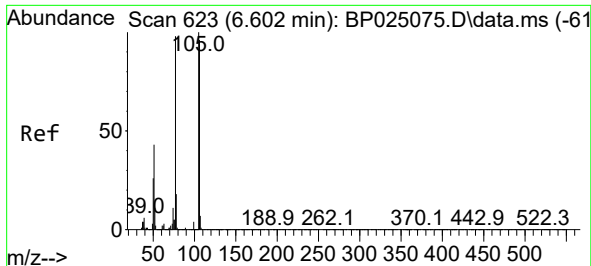
Tgt Ion: 99 Resp: 4050176
Ion Ratio Lower Upper
99 100
42 16.2 13.6 20.4
71 30.4 24.4 36.6



#8
2-Chlorophenol
Concen: 49.170 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 128 Resp: 1399555
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 38.8 20.3 60.3

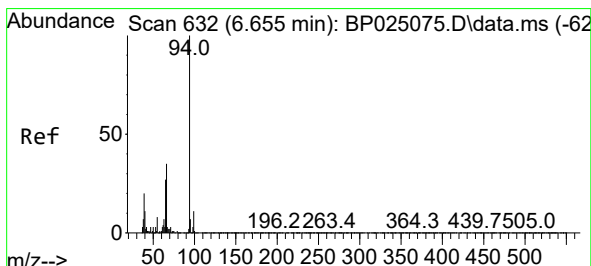
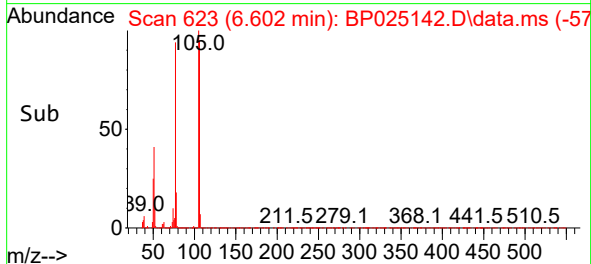
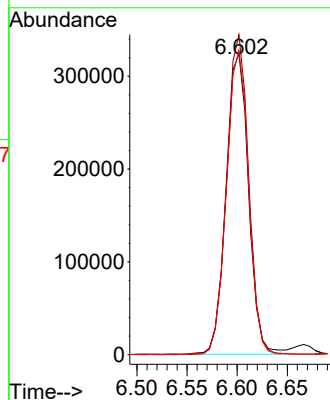
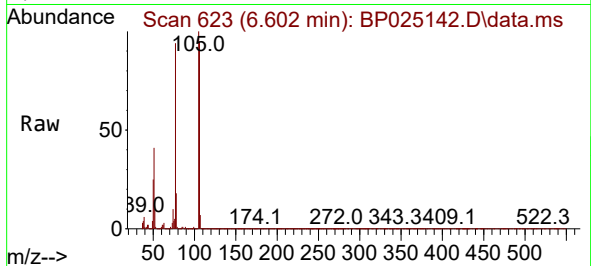




#9
Benzaldehyde
Concen: 28.959 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

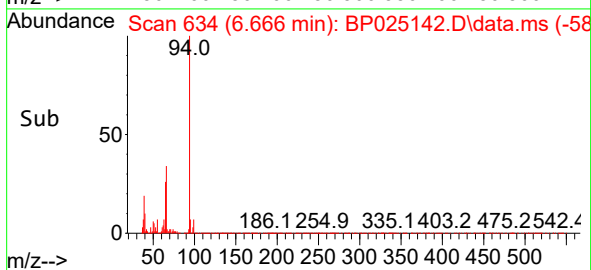
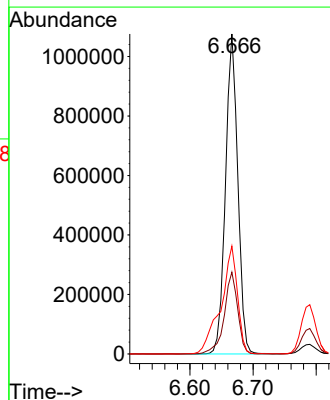
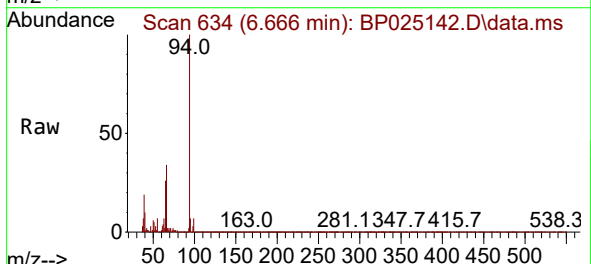
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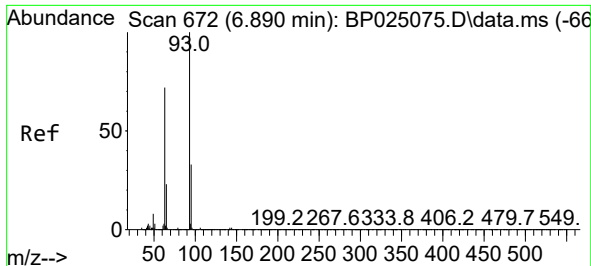
Tgt Ion: 77 Resp: 502085
Ion Ratio Lower Upper
77 100
105 106.3 82.4 122.4
106 101.1 78.3 118.3



#10
Phenol
Concen: 43.159 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 94 Resp: 1455874
Ion Ratio Lower Upper
94 100
65 25.6 6.9 46.9
66 33.7 14.6 54.6

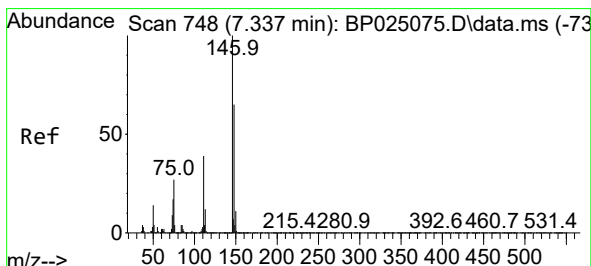
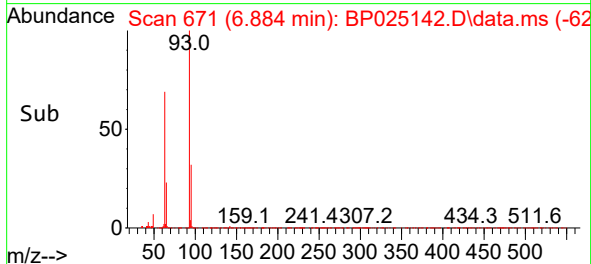
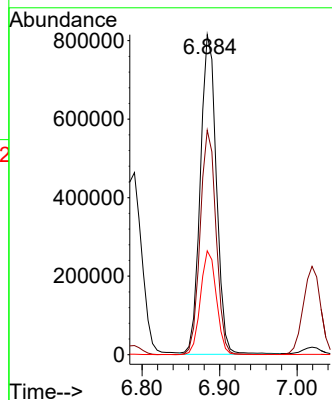
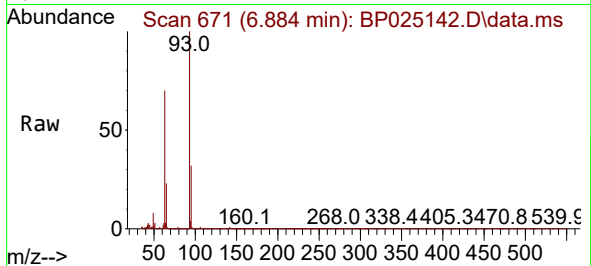




#11
bis(2-Chloroethyl)ether
Concen: 45.223 ng
RT: 6.884 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

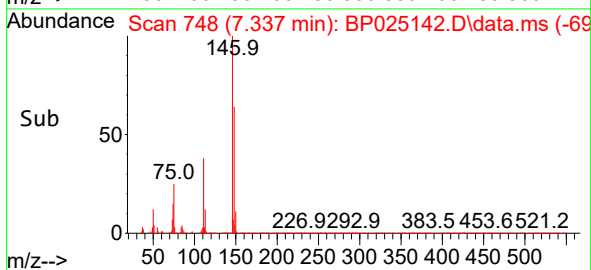
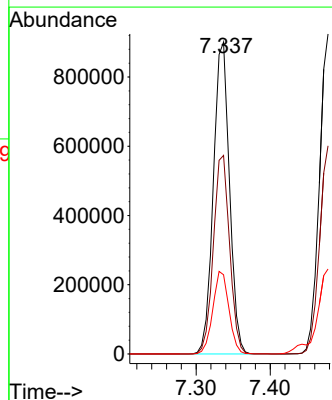
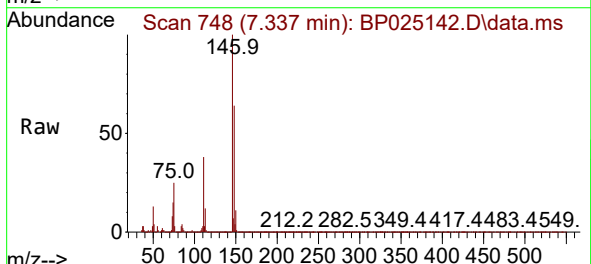
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

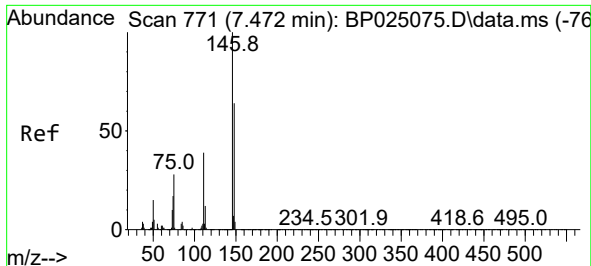
Tgt Ion: 93 Resp: 1174035
Ion Ratio Lower Upper
93 100
63 70.2 51.9 91.9
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.644 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:146 Resp: 1358482
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 25.4 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 42.791 ng

RT: 7.478 min Scan# 71

Delta R.T. 0.006 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

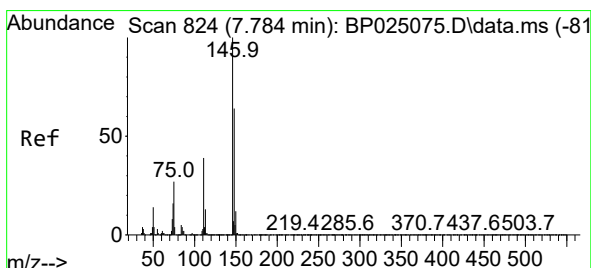
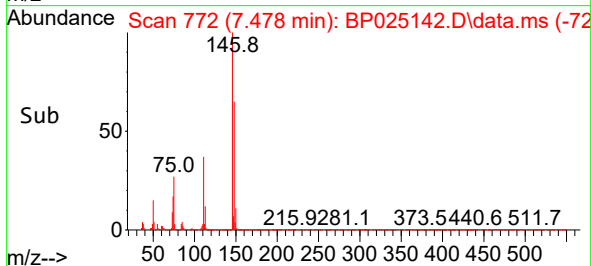
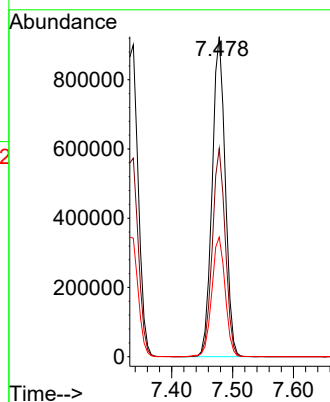
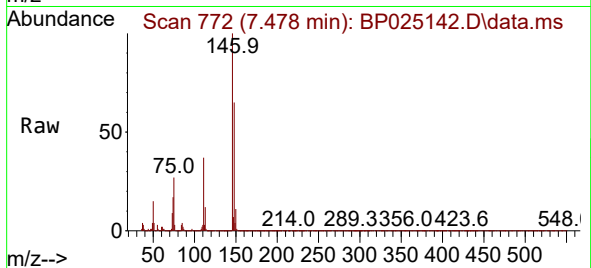
Tgt Ion:146 Resp: 1380125

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

111 37.4 31.2 46.8



#14

1,2-Dichlorobenzene

Concen: 43.672 ng

RT: 7.784 min Scan# 824

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

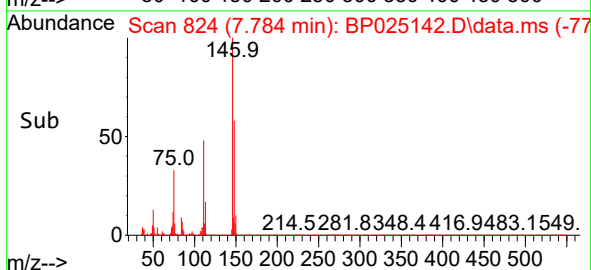
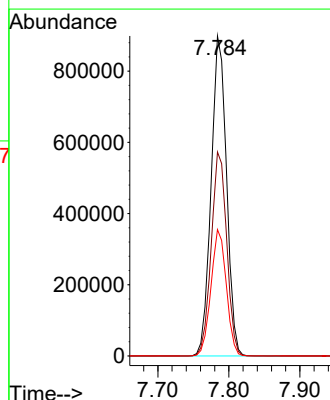
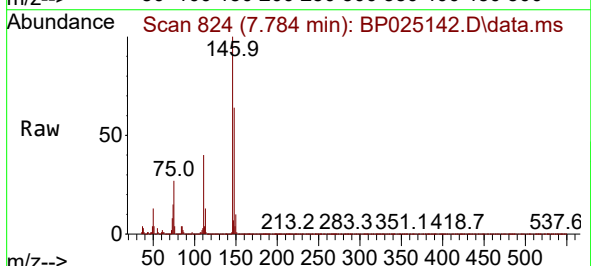
Tgt Ion:146 Resp: 1354964

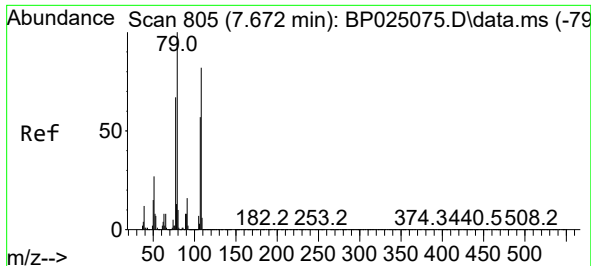
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 39.5 31.2 46.8

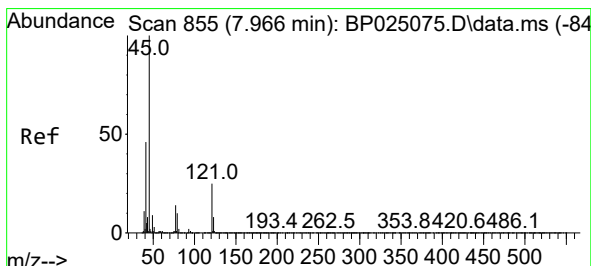
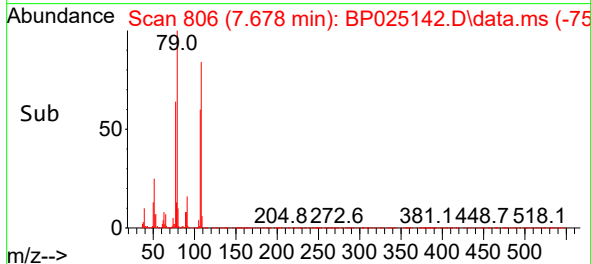
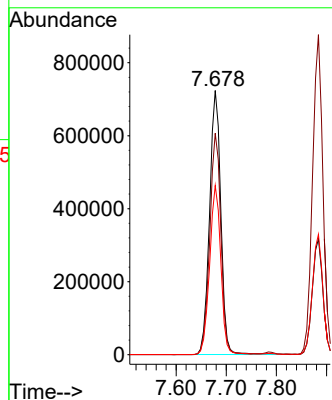
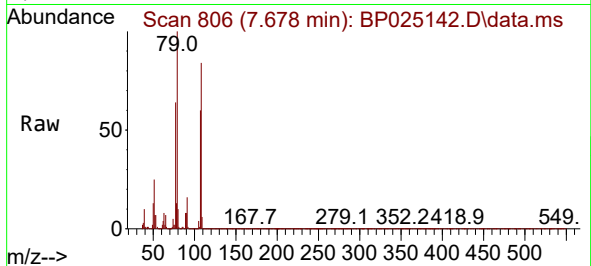




#15
Benzyl Alcohol
Concen: 50.896 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

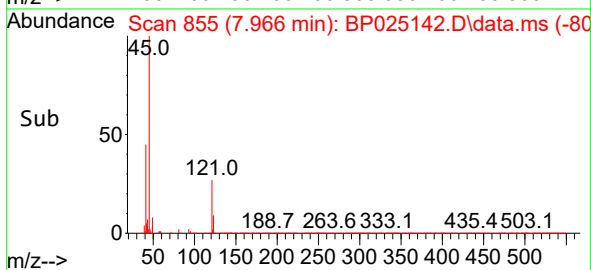
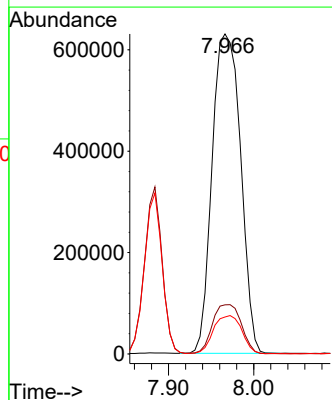
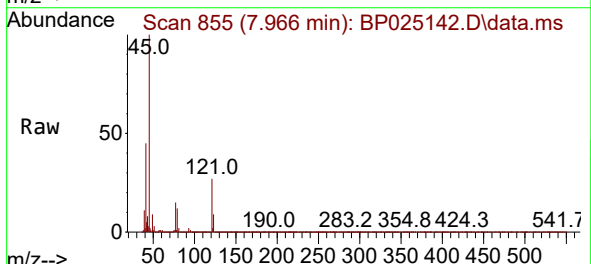
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

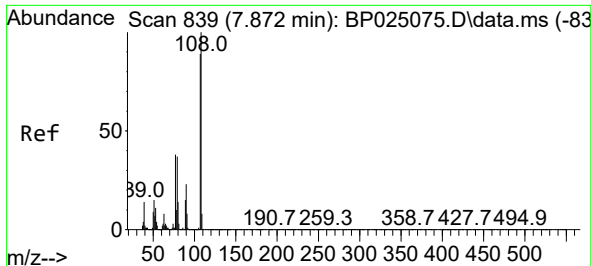
Tgt Ion: 79 Resp: 1127757
Ion Ratio Lower Upper
79 100
108 83.8 66.0 99.0
77 64.0 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.400 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 45 Resp: 1465007
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.8
79 11.5 0.0 30.7

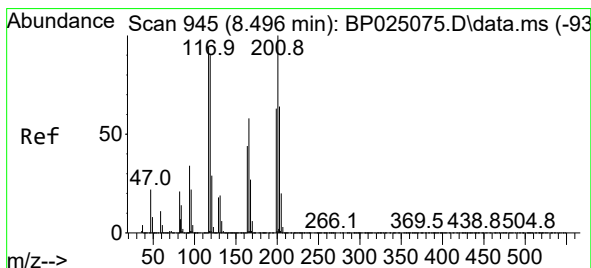
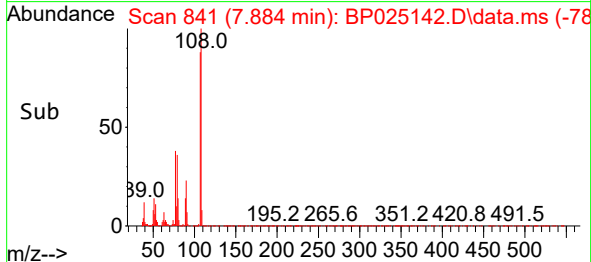
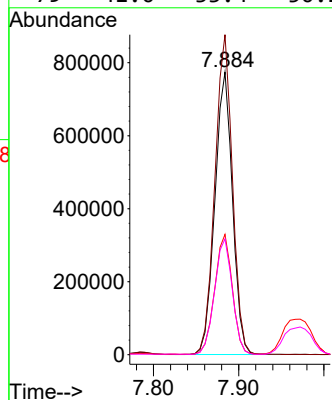
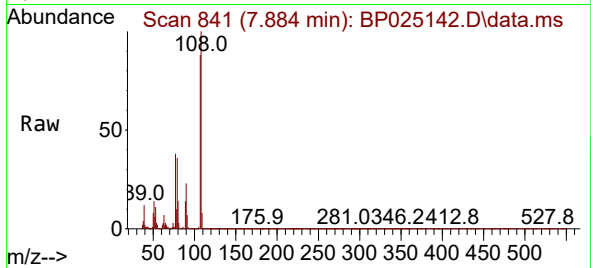




#17
2-Methylphenol
Concen: 51.281 ng
RT: 7.884 min Scan# 841
Delta R.T. 0.012 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

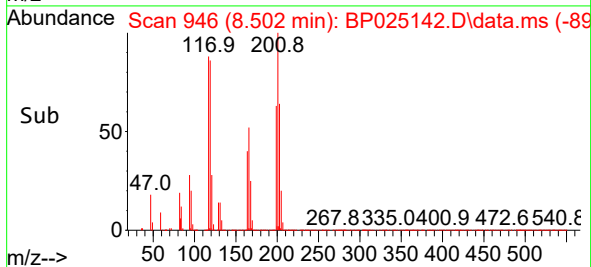
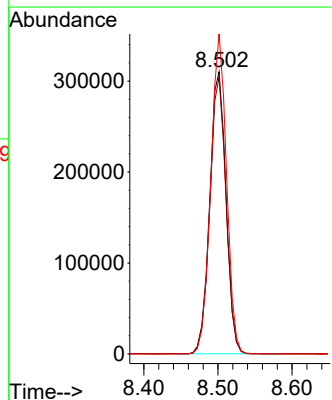
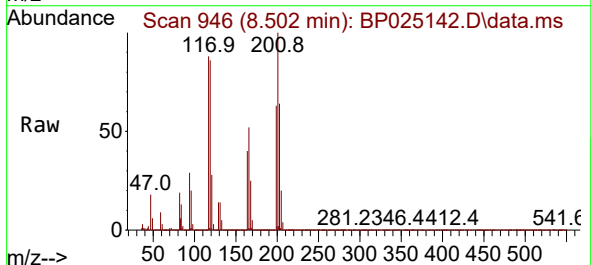
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

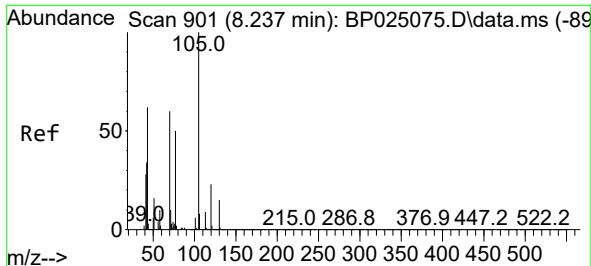
Tgt Ion:107 Resp: 1114293
Ion Ratio Lower Upper
107 100
108 113.3 89.7 134.5
77 42.6 34.2 51.4
79 41.0 33.4 50.2



#18
Hexachloroethane
Concen: 44.937 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:117 Resp: 472149
Ion Ratio Lower Upper
117 100
119 98.1 76.6 115.0
201 113.5 85.4 128.2

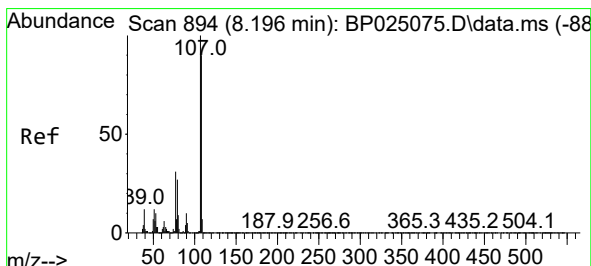
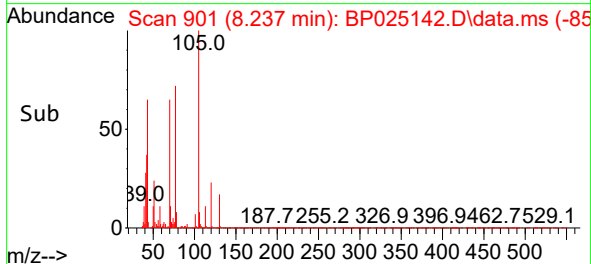
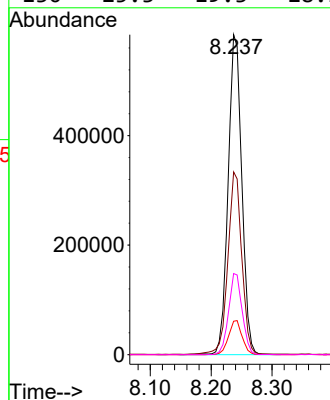
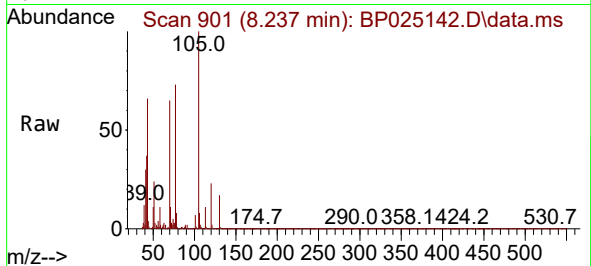




#19
n-Nitroso-di-n-propylamine
Concen: 46.165 ng
RT: 8.237 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

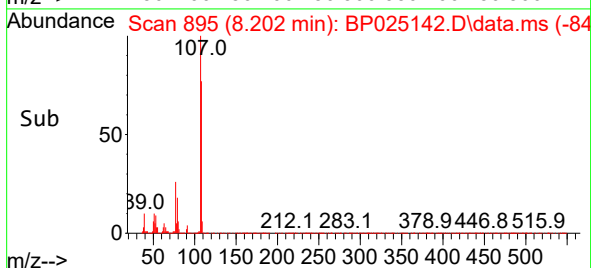
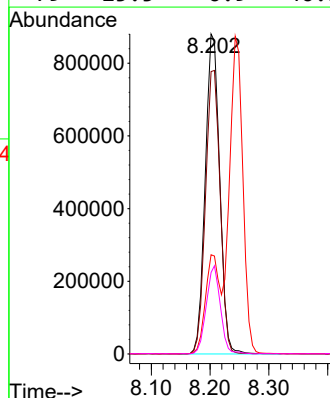
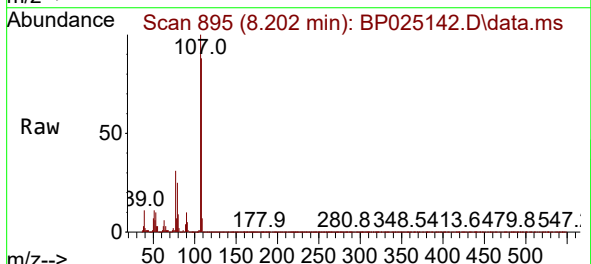
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

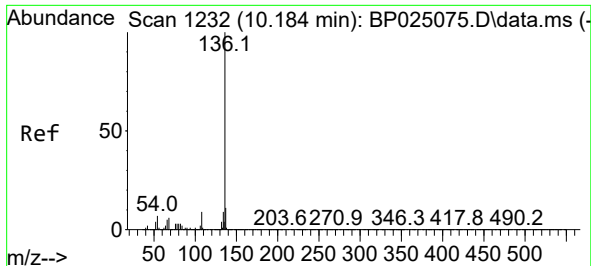
Tgt Ion: 70 Resp: 908933
Ion Ratio Lower Upper
70 100
42 57.1 46.5 69.7
101 10.5 7.9 11.9
130 25.3 19.3 28.9



#20
3+4-Methylphenols
Concen: 49.506 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 107 Resp: 1506758
Ion Ratio Lower Upper
107 100
108 88.2 69.5 109.5
77 31.0 11.4 51.4
79 25.5 6.9 46.9

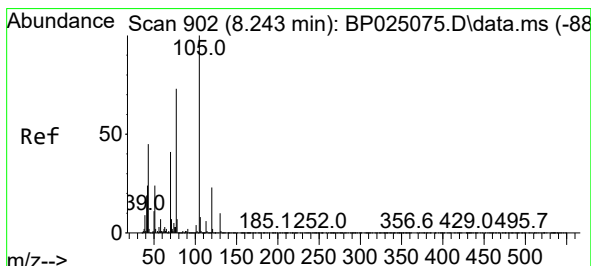
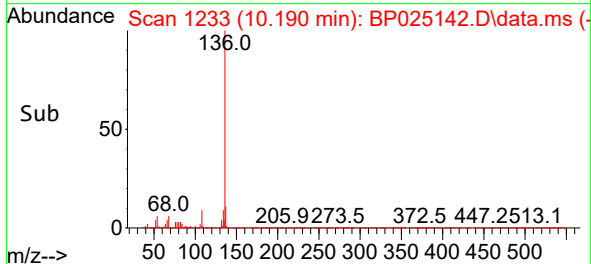
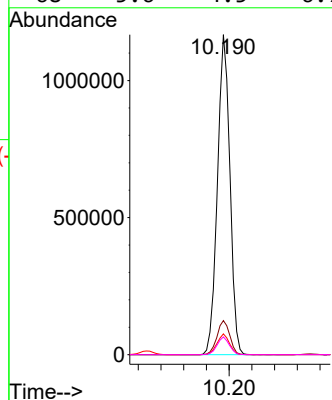
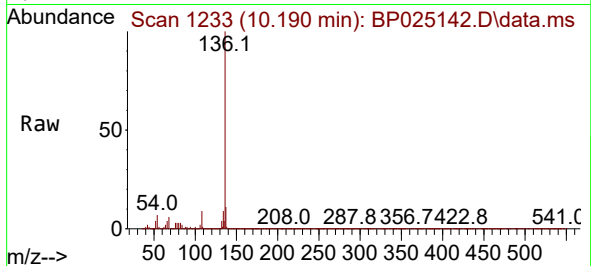




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

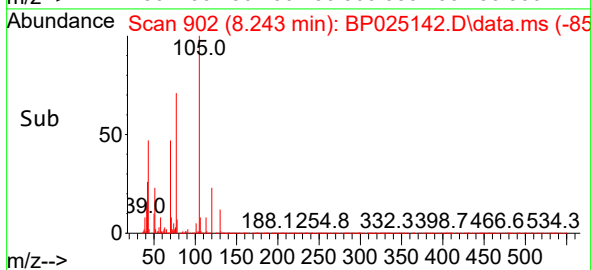
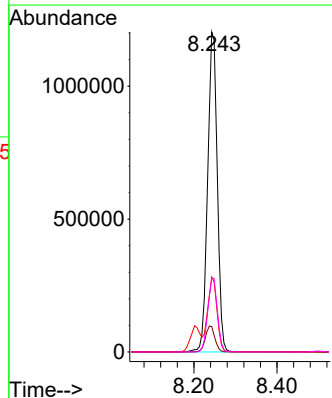
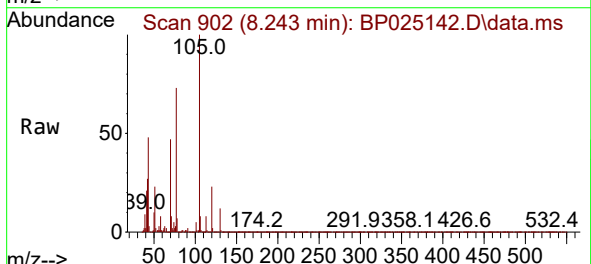
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

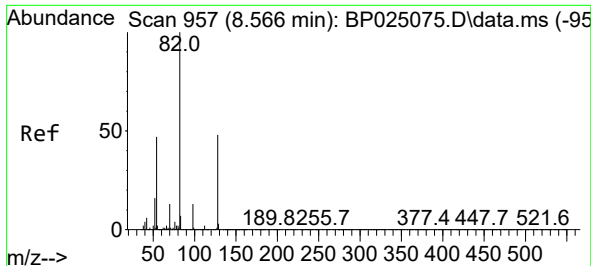
Tgt Ion:136 Resp: 1771052
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.5 5.4 8.2
68 5.6 4.5 6.7



#22
Acetophenone
Concen: 46.258 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:105 Resp: 1937481
Ion Ratio Lower Upper
105 100
71 8.0 5.4 8.2
51 23.4 19.6 29.4
120 23.0 18.8 28.2

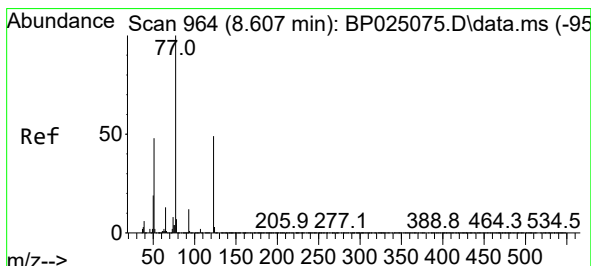
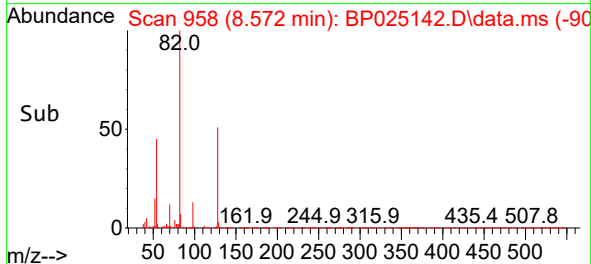
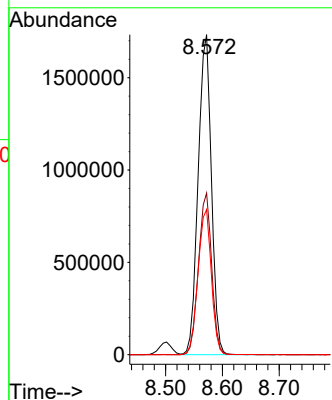
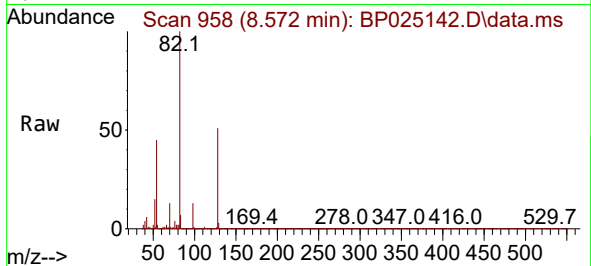




#23
Nitrobenzene-d5
Concen: 105.447 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

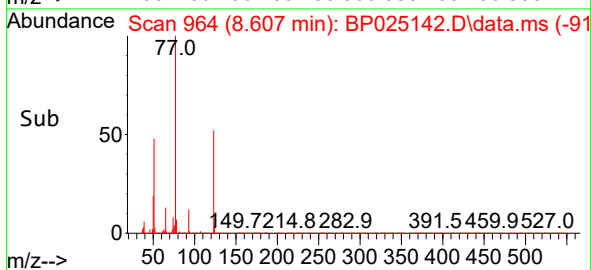
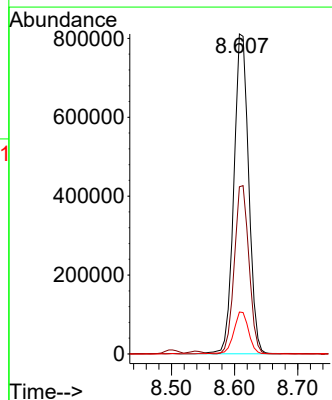
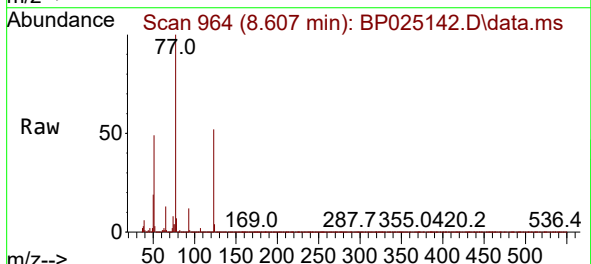
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

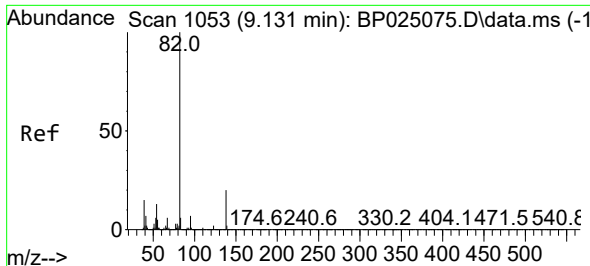
Tgt Ion: 82 Resp: 2808094
Ion Ratio Lower Upper
82 100
128 50.5 38.4 57.6
54 45.4 37.8 56.6



#24
Nitrobenzene
Concen: 48.663 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 77 Resp: 1319982
Ion Ratio Lower Upper
77 100
123 52.2 39.0 58.6
65 13.1 10.7 16.1

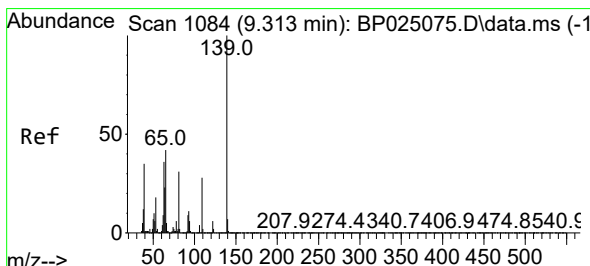
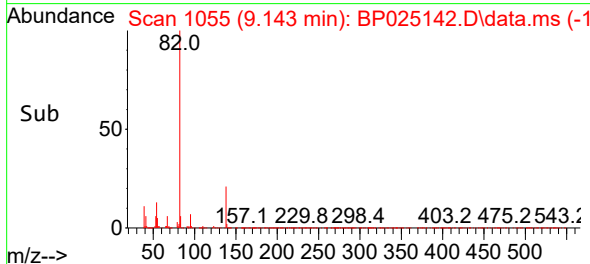
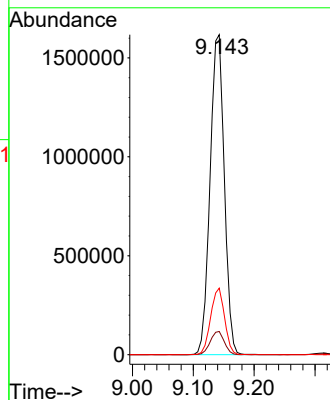
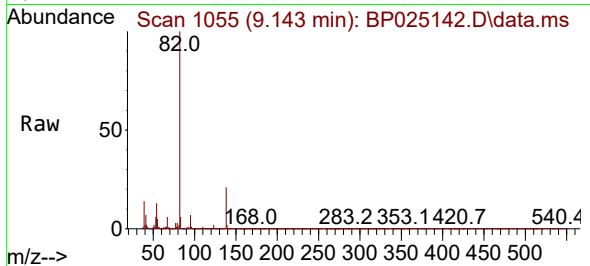




#25
Isophorone
Concen: 52.714 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

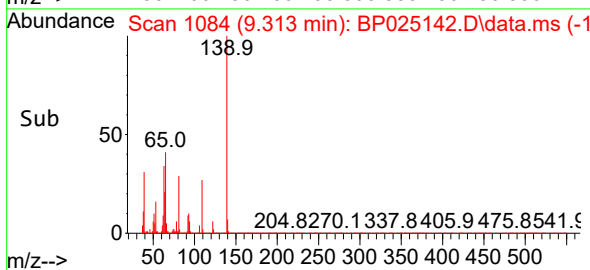
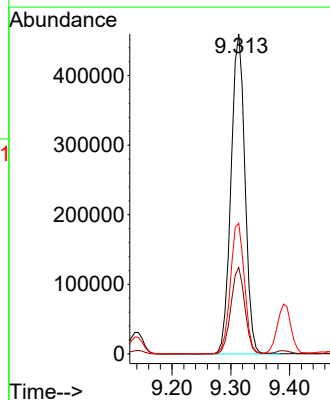
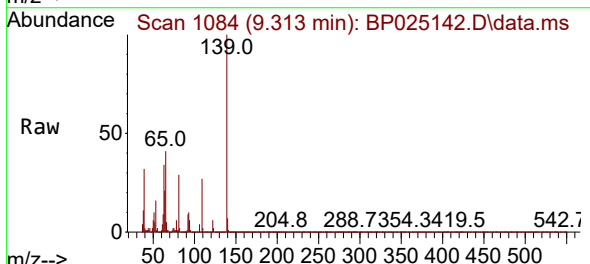
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

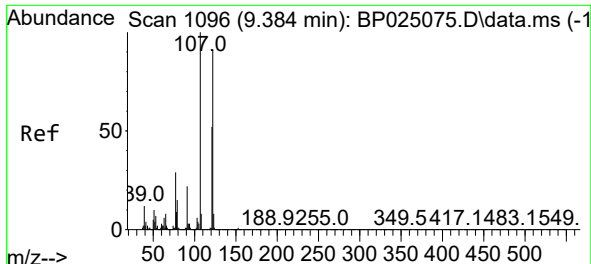
Tgt Ion: 82 Resp: 2623436
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 20.8 15.7 23.5



#26
2-Nitrophenol
Concen: 56.809 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 139 Resp: 756333
Ion Ratio Lower Upper
139 100
109 27.0 22.3 33.5
65 40.9 33.8 50.8

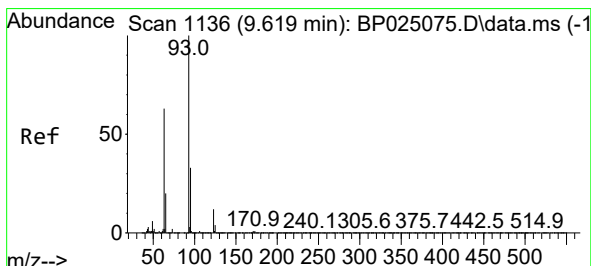
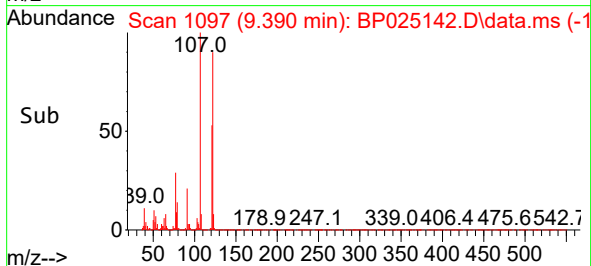
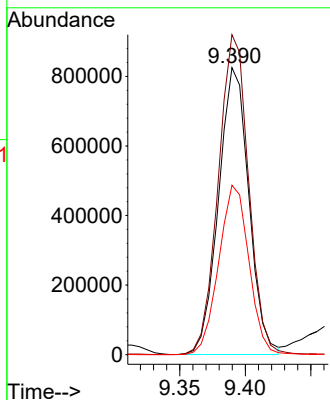
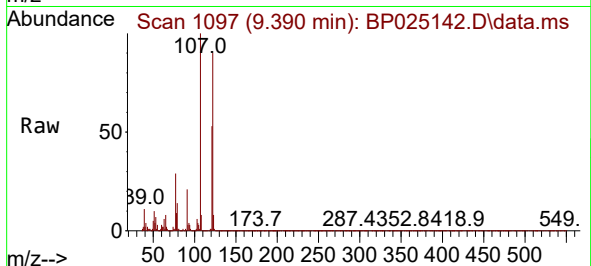




#27
2,4-Dimethylphenol
Concen: 71.301 ng
RT: 9.390 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

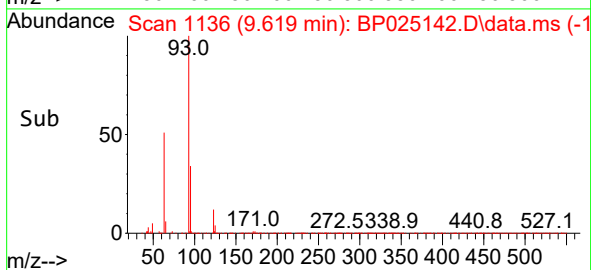
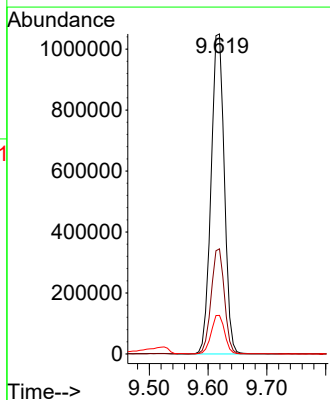
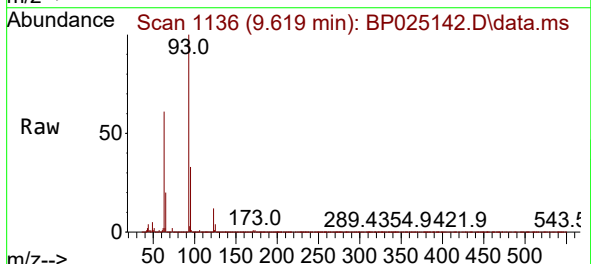
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

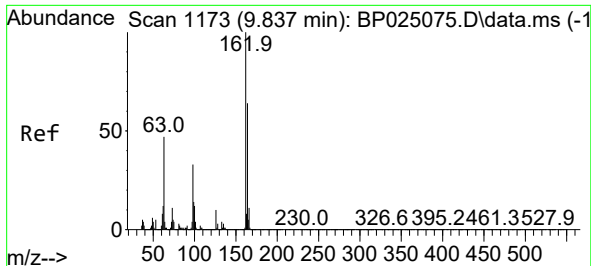
Tgt Ion:122 Resp: 1323680
Ion Ratio Lower Upper
122 100
107 111.5 88.2 132.2
121 59.0 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 48.628 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion: 93 Resp: 1643213
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.1 10.1 15.1

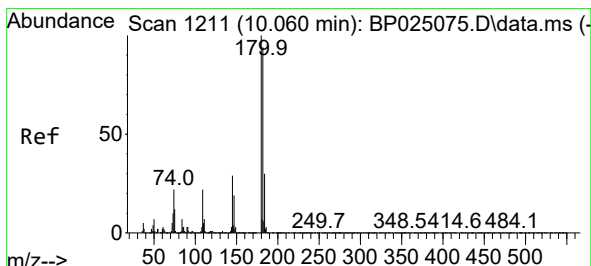
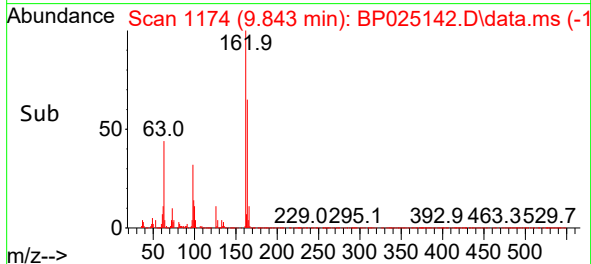
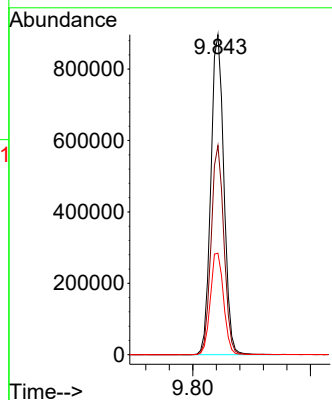
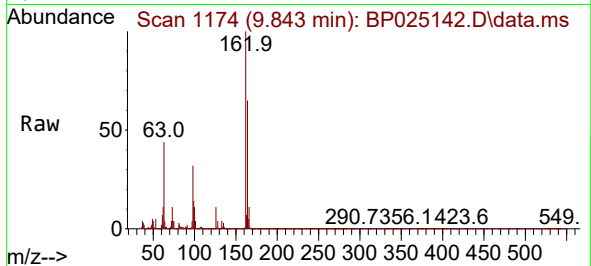




#29
2,4-Dichlorophenol
Concen: 53.407 ng
RT: 9.843 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

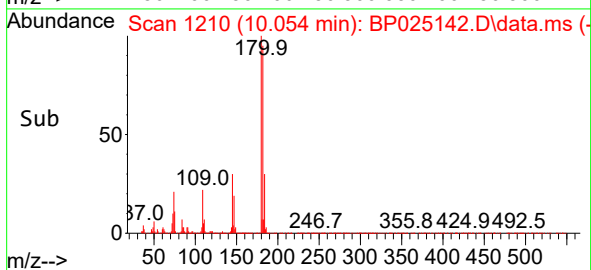
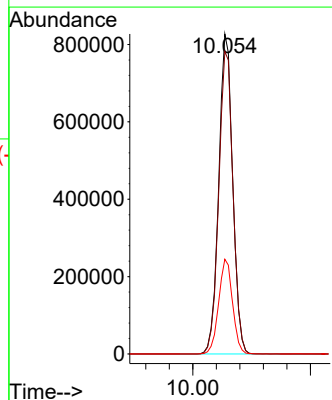
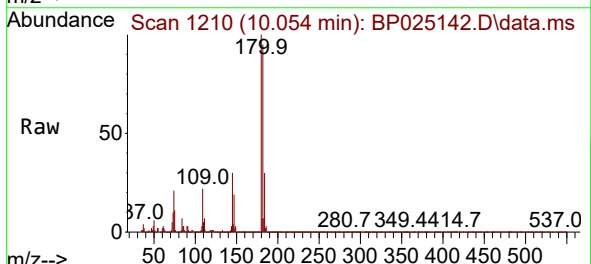
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

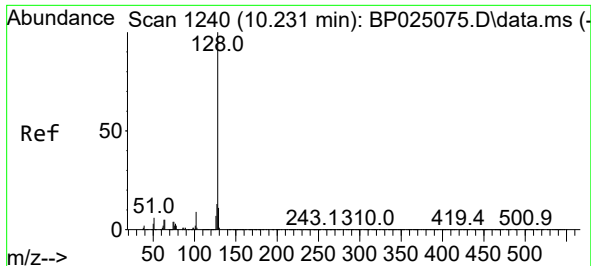
Tgt Ion:162 Resp: 1374794
Ion Ratio Lower Upper
162 100
164 65.4 44.1 84.1
98 31.7 13.1 53.1



#30
1,2,4-Trichlorobenzene
Concen: 47.800 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:180 Resp: 1362608
Ion Ratio Lower Upper
180 100
182 94.5 75.1 112.7
145 29.6 23.3 34.9

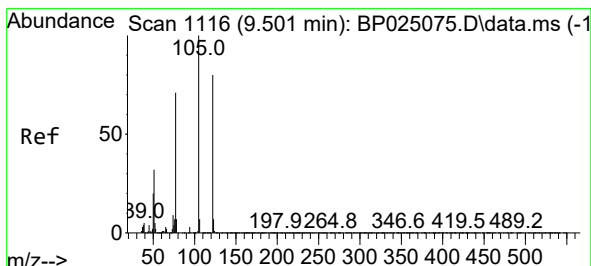
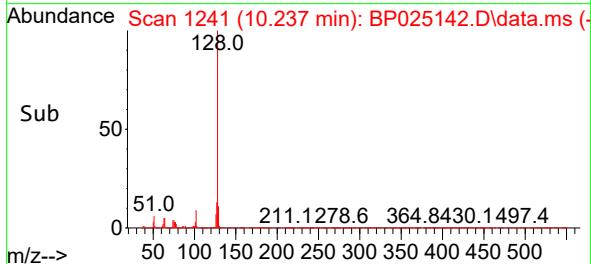
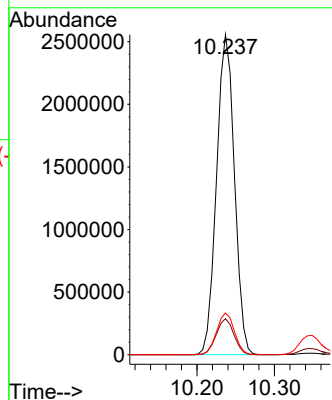
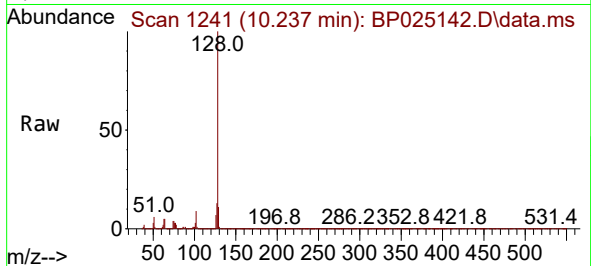




#31
Naphthalene
Concen: 44.932 ng
RT: 10.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

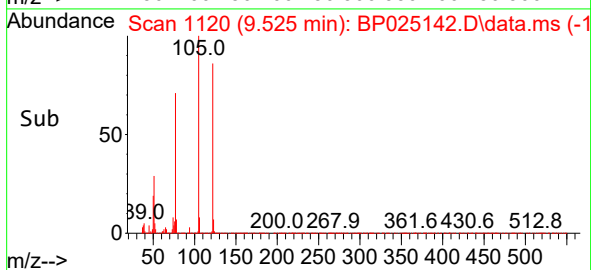
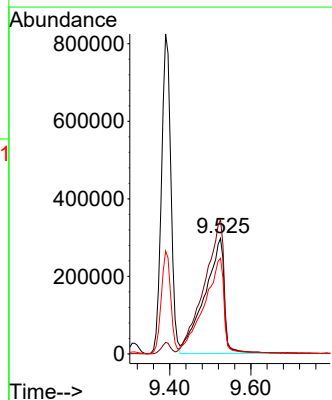
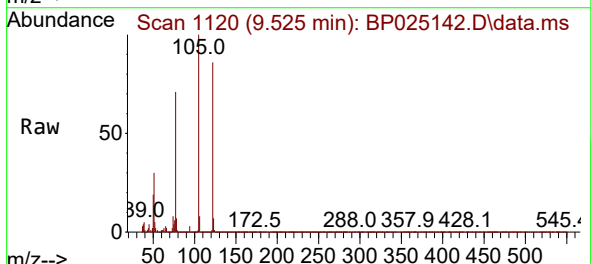
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

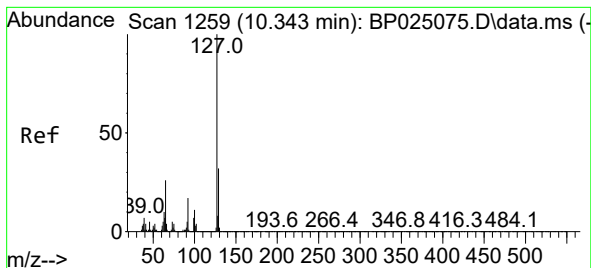
Tgt Ion:128 Resp: 4097555
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 52.701 ng
RT: 9.525 min Scan# 1120
Delta R.T. 0.024 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:122 Resp: 990346
Ion Ratio Lower Upper
122 100
105 116.2 101.0 141.0
77 82.8 67.6 107.6





#33

4-Chloroaniline

Concen: 10.522 ng

RT: 10.349 min Scan# 1259

Delta R.T. 0.006 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

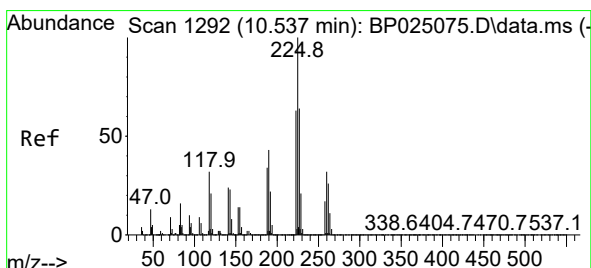
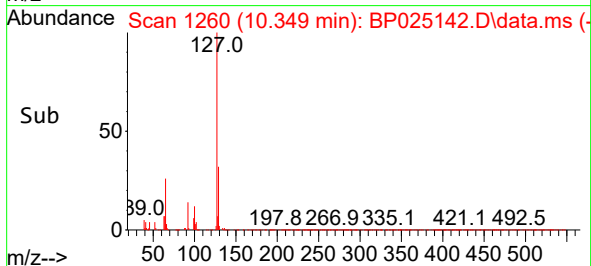
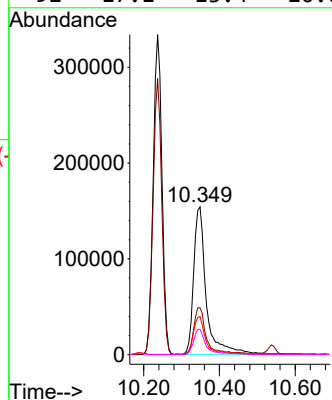
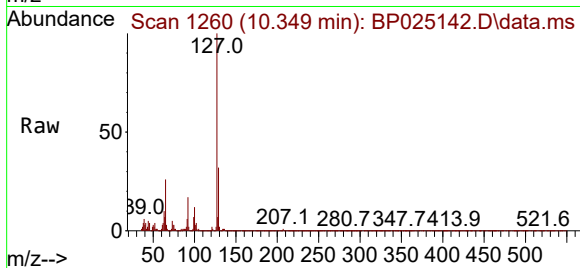
BNA_P

ClientSampleId :

TP-14MSD

Tgt Ion:127 Resp: 358100

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	25.8	21.0	31.6
92	17.1	13.4	20.0



#34

Hexachlorobutadiene

Concen: 49.234 ng

RT: 10.537 min Scan# 1292

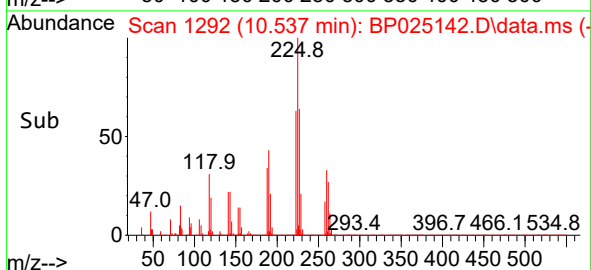
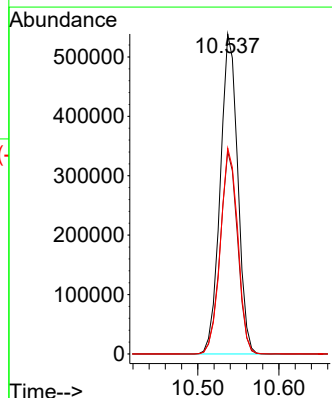
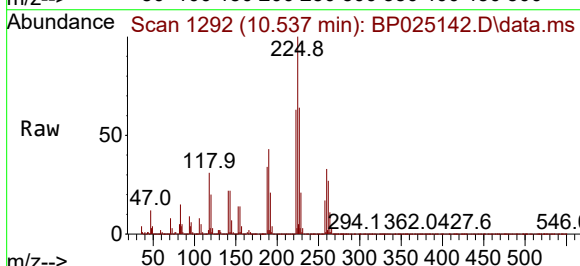
Delta R.T. 0.000 min

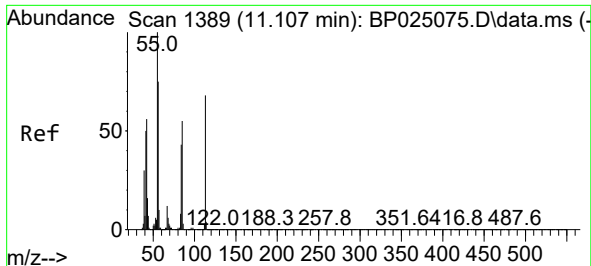
Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Tgt Ion:225 Resp: 805418

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.3	75.5
227	64.3	51.3	76.9

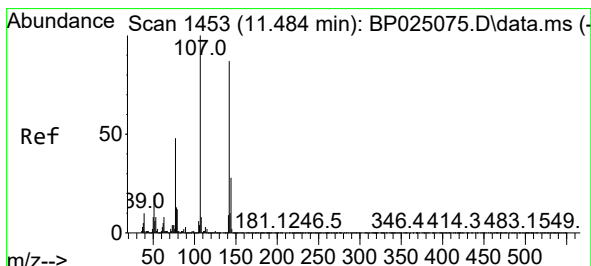
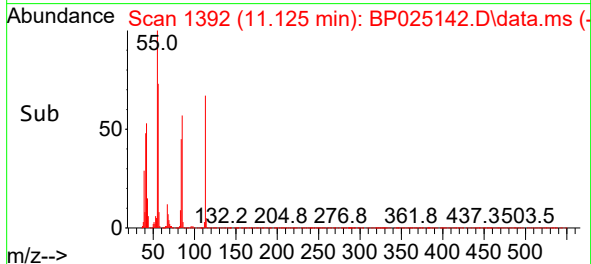
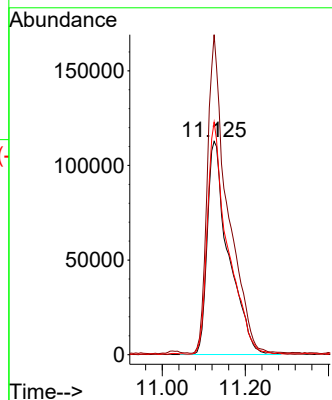
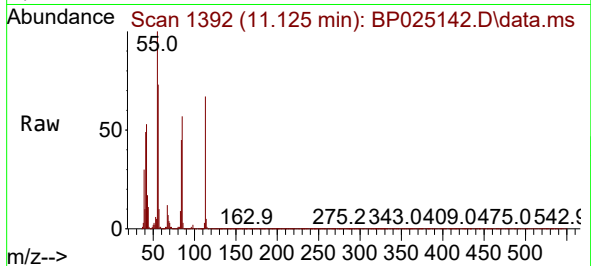




#35
Caprolactam
Concen: 45.304 ng
RT: 11.125 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

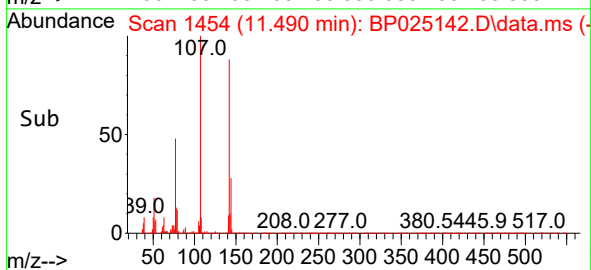
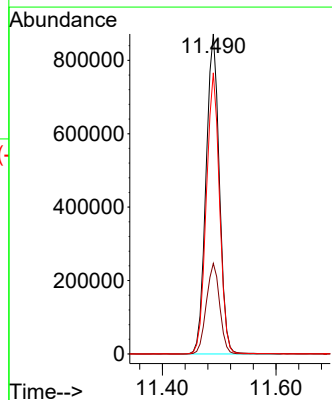
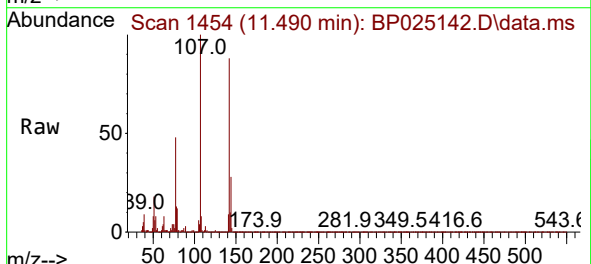
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

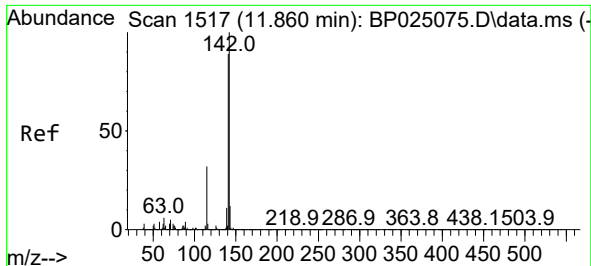
Tgt Ion:113 Resp: 398963
Ion Ratio Lower Upper
113 100
55 150.1 128.1 168.1
56 109.1 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 52.539 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:107 Resp: 1413338
Ion Ratio Lower Upper
107 100
144 28.3 22.4 33.6
142 87.8 69.6 104.4

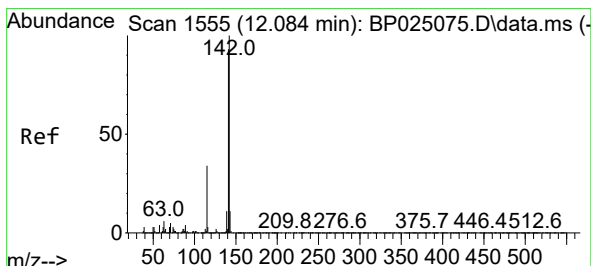
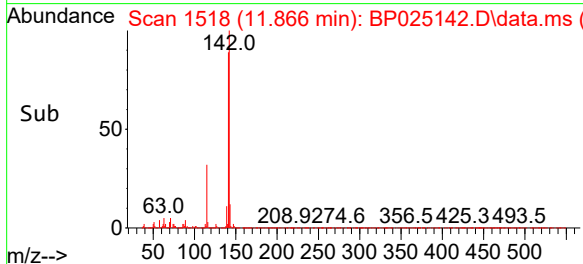
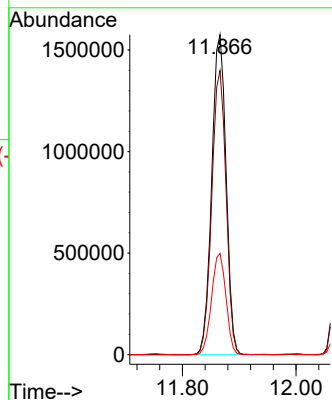
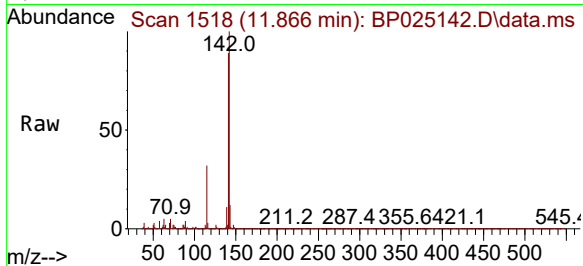




#37
2-Methylnaphthalene
Concen: 42.739 ng
RT: 11.866 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

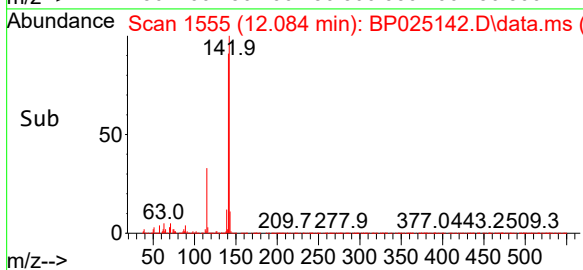
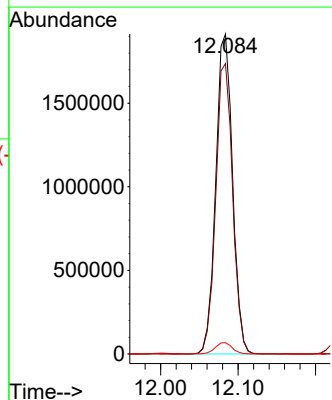
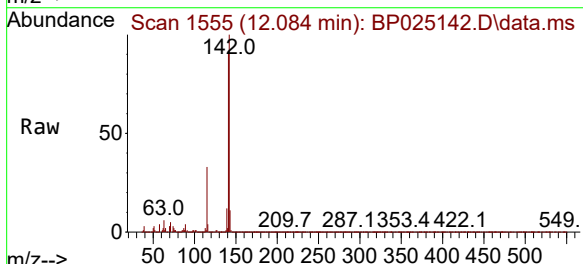
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

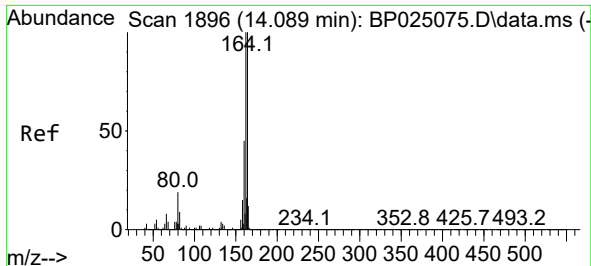
Tgt Ion:142 Resp: 2750044
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8
115 31.7 25.9 38.9



#38
1-Methylnaphthalene
Concen: 45.814 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:142 Resp: 2875053
Ion Ratio Lower Upper
142 100
141 90.8 74.1 111.1
116 3.5 2.7 4.1

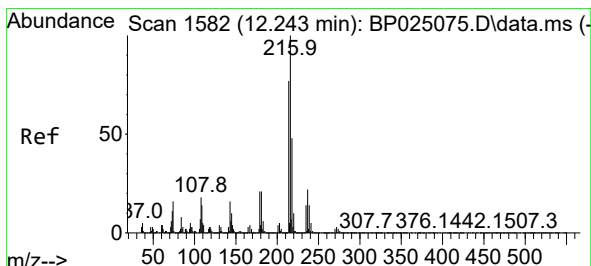
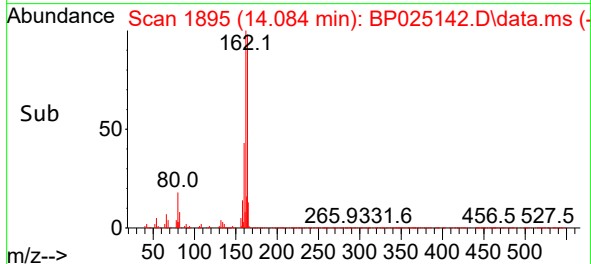
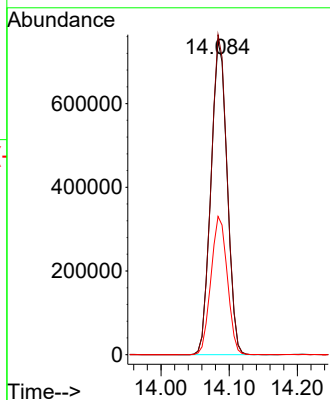
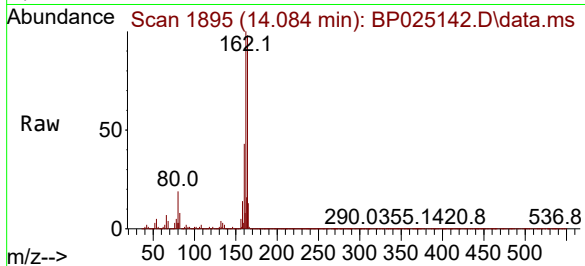




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

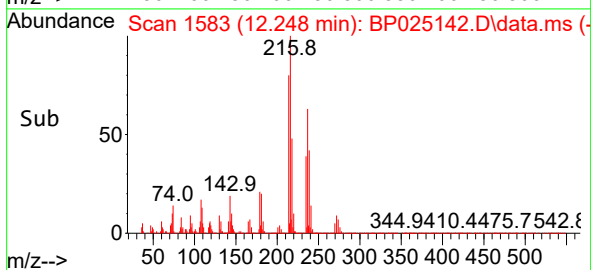
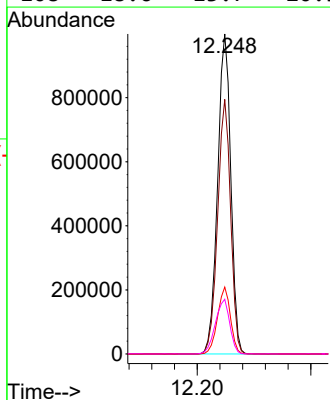
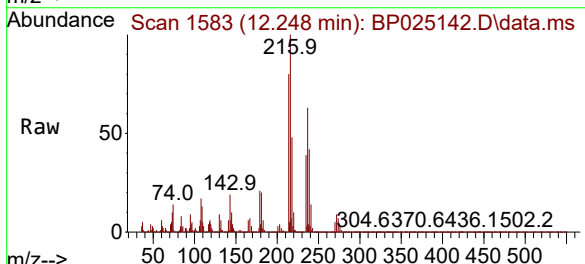
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

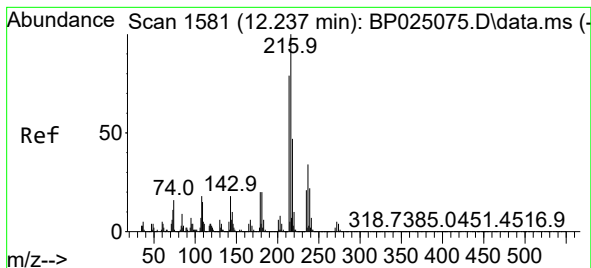
Tgt Ion:164 Resp: 1239026
Ion Ratio Lower Upper
164 100
162 102.0 80.3 120.5
160 44.1 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.093 ng
RT: 12.248 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:216 Resp: 1605751
Ion Ratio Lower Upper
216 100
214 78.5 62.4 93.6
179 20.5 16.5 24.7
108 18.6 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 218.547 ng

RT: 12.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

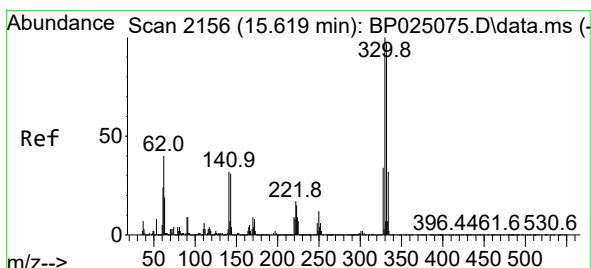
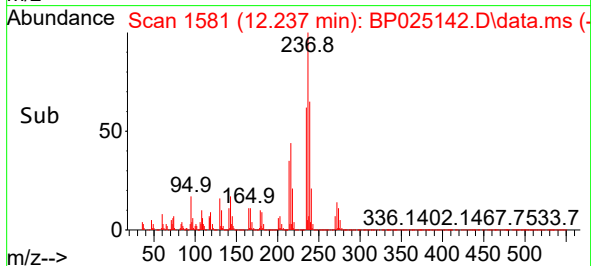
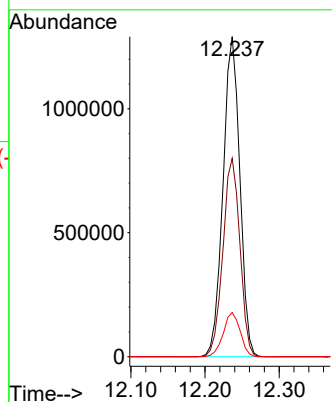
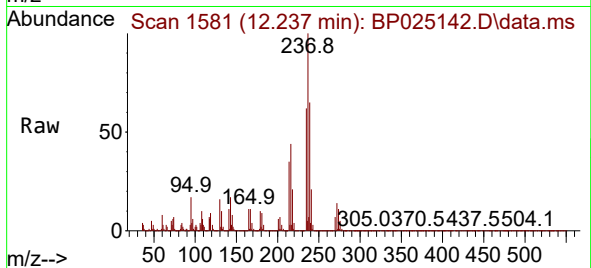
BNA_P

ClientSampleId :

TP-14MSD

Tgt Ion:237 Resp: 2032775

Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.6	81.6
272	13.8	0.0	33.6



#42

2,4,6-Tribromophenol

Concen: 157.351 ng

RT: 15.619 min Scan# 2156

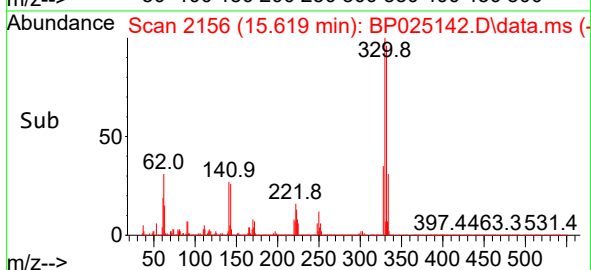
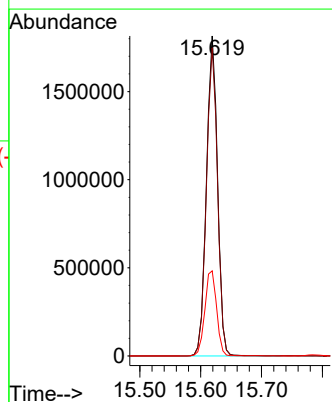
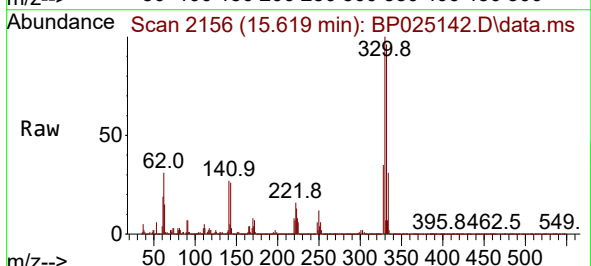
Delta R.T. 0.000 min

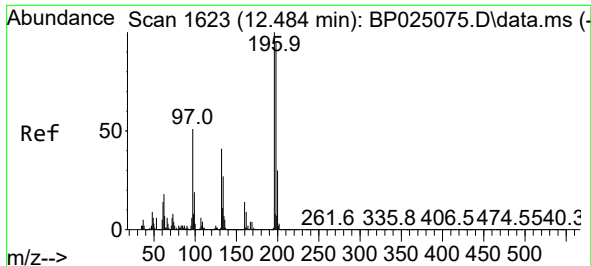
Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Tgt Ion:330 Resp: 2303159

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	28.2	26.0	39.0

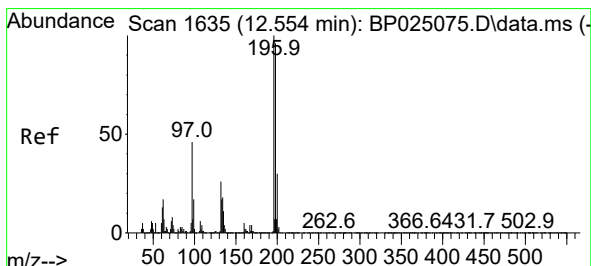
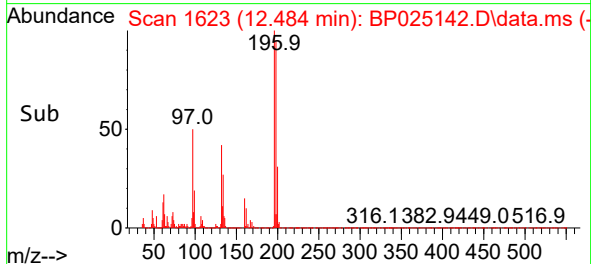
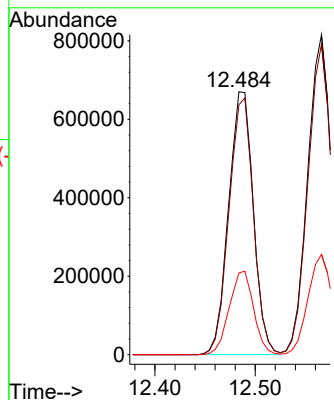
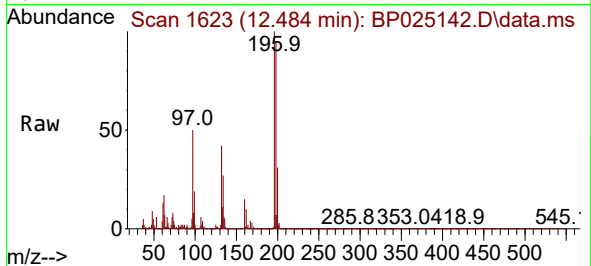




#43
2,4,6-Trichlorophenol
Concen: 53.369 ng
RT: 12.484 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

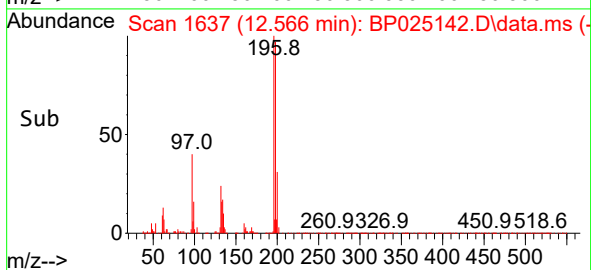
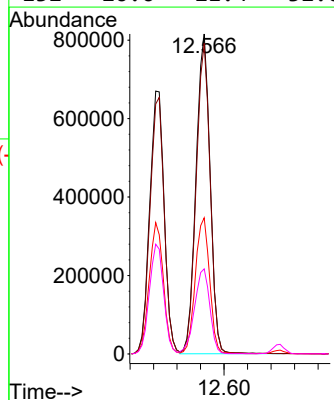
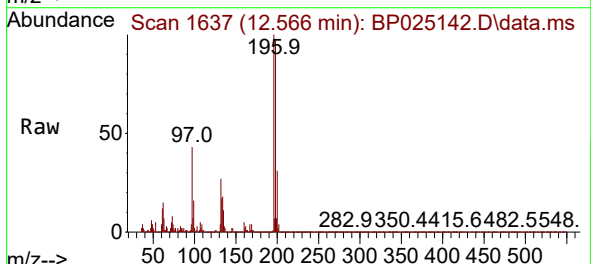
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

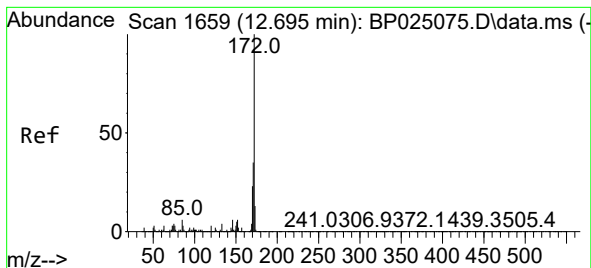
Tgt Ion:196 Resp: 1150744
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 31.1 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 55.667 ng
RT: 12.566 min Scan# 1637
Delta R.T. 0.012 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:196 Resp: 1360286
Ion Ratio Lower Upper
196 100
198 97.1 76.6 115.0
97 42.6 36.6 55.0
132 26.6 21.4 32.0

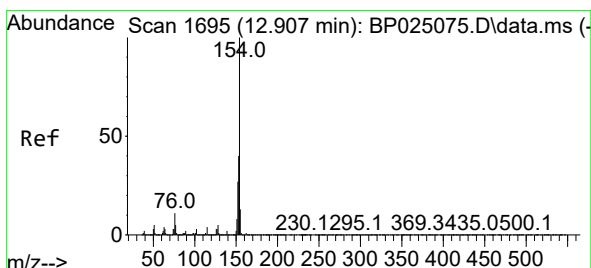
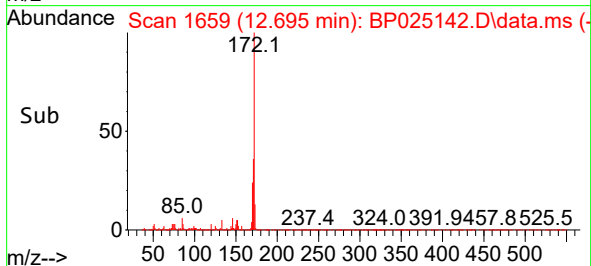
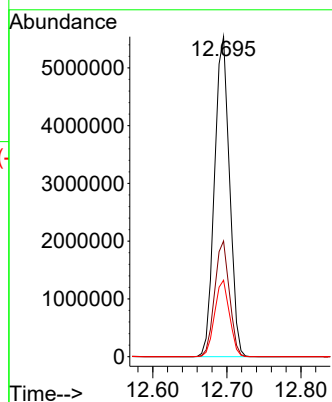
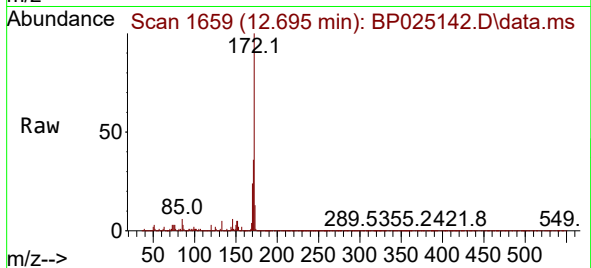




#45
2-Fluorobiphenyl
Concen: 97.412 ng
RT: 12.695 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

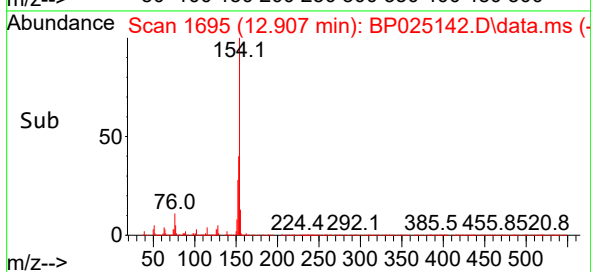
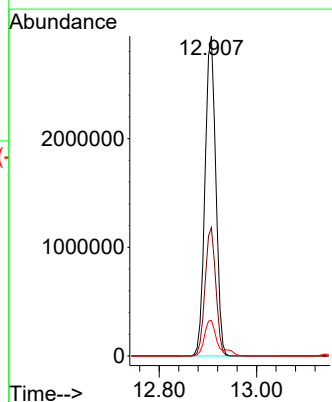
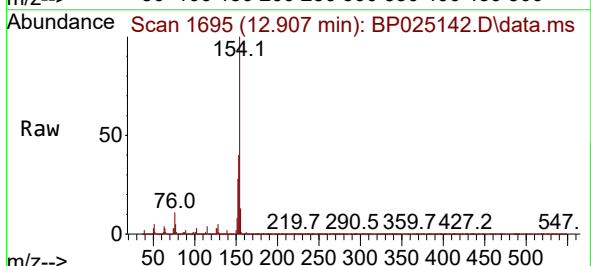
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

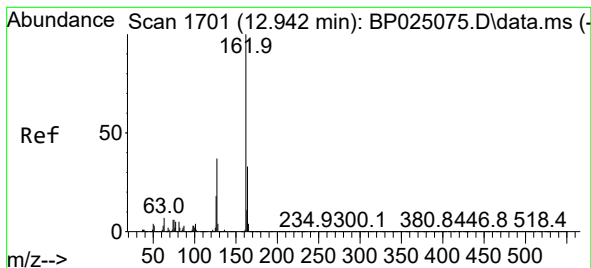
Tgt Ion:172 Resp: 7791042
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 23.9 18.7 28.1



#46
1,1'-Biphenyl
Concen: 49.950 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:154 Resp: 4503006
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.1 0.0 31.5





#47

2-Chloronaphthalene

Concen: 50.518 ng

RT: 12.943 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

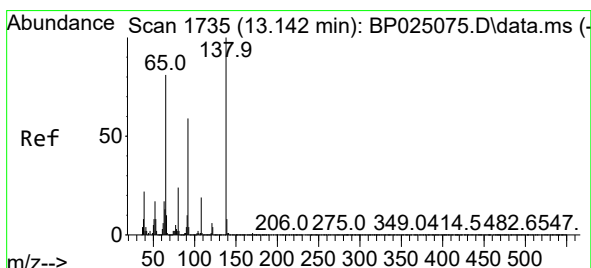
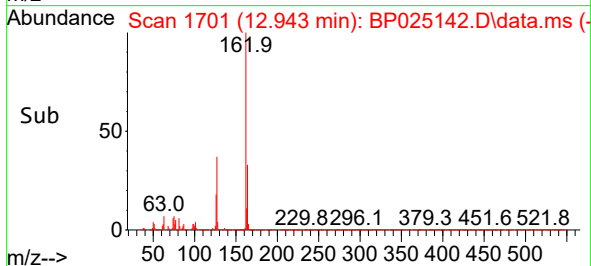
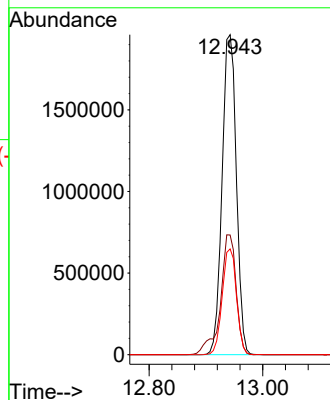
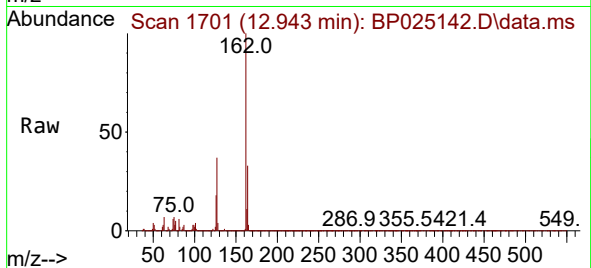
Tgt Ion:162 Resp: 3422978

Ion Ratio Lower Upper

162 100

127 37.4 29.4 44.2

164 33.1 26.4 39.6



#48

2-Nitroaniline

Concen: 54.895 ng

RT: 13.142 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

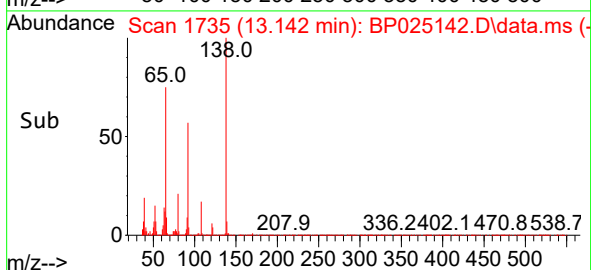
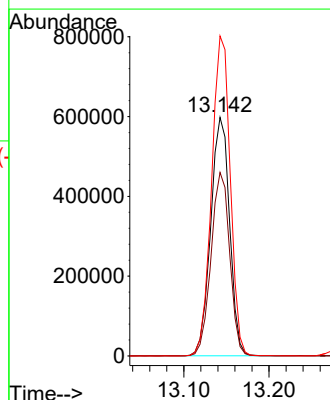
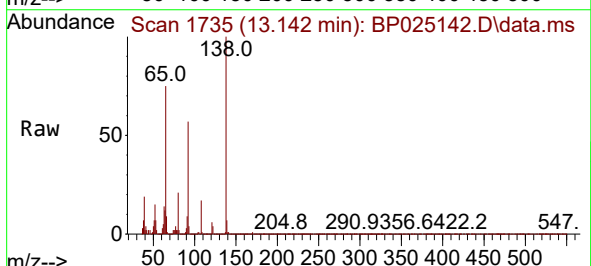
Tgt Ion: 65 Resp: 918137

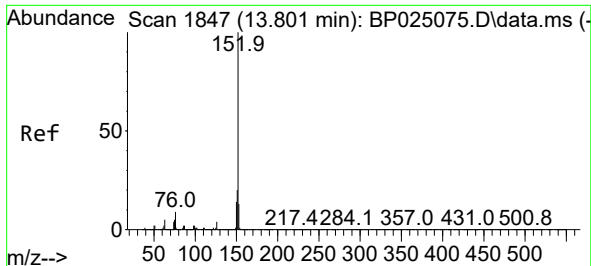
Ion Ratio Lower Upper

65 100

92 76.9 58.7 88.1

138 134.1 99.0 148.4

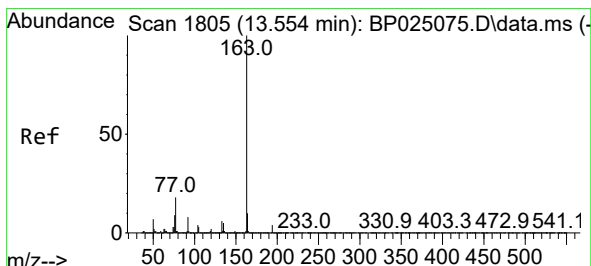
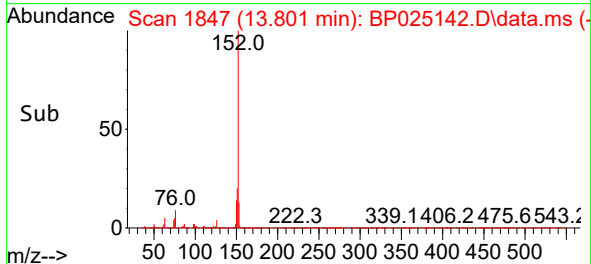
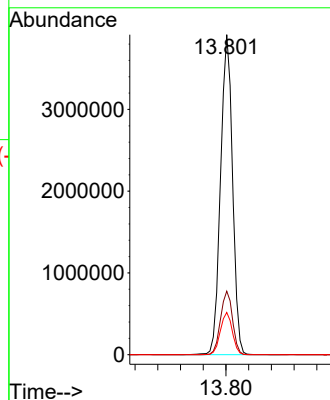
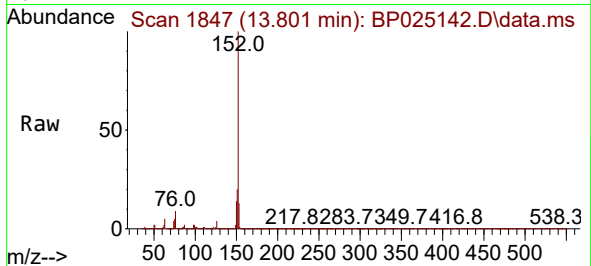




#49
Acenaphthylene
Concen: 55.260 ng
RT: 13.801 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

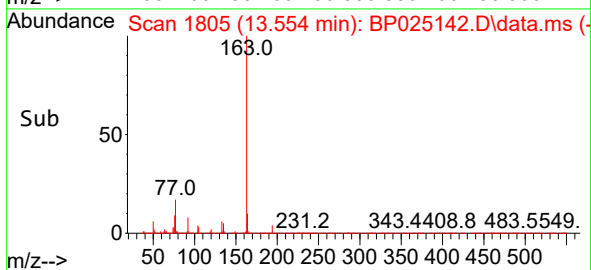
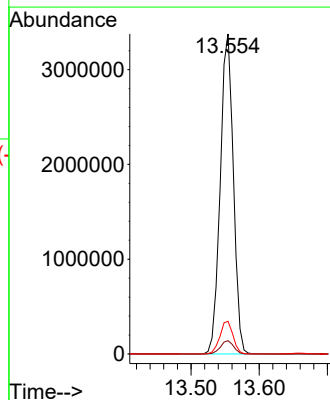
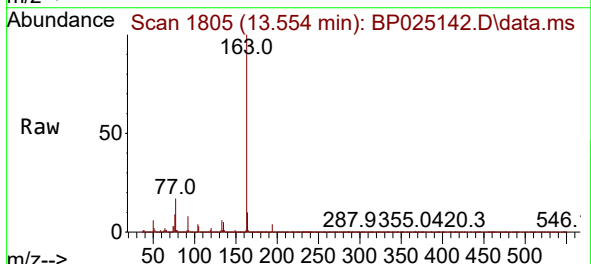
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

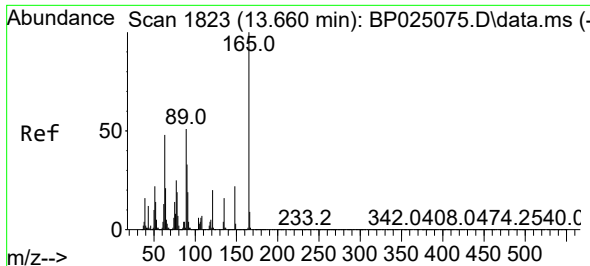
Tgt Ion:152 Resp: 5730777
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 52.062 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:163 Resp: 4515455
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.0 12.0

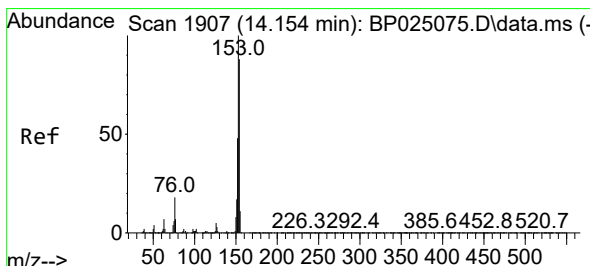
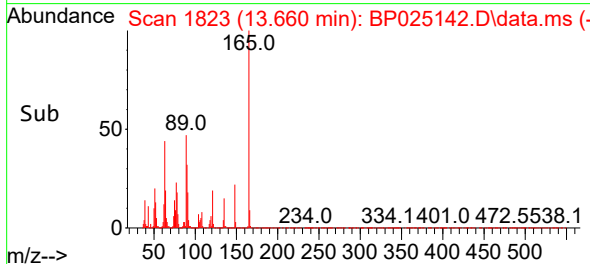
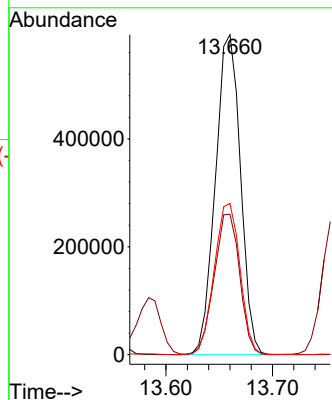
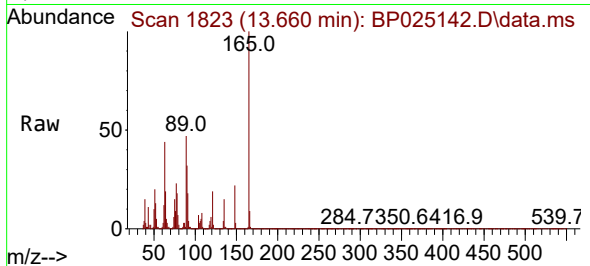




#51
2,6-Dinitrotoluene
Concen: 57.275 ng
RT: 13.660 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

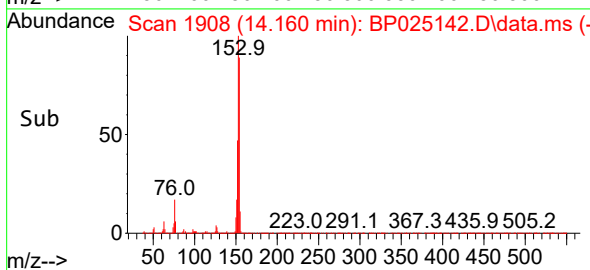
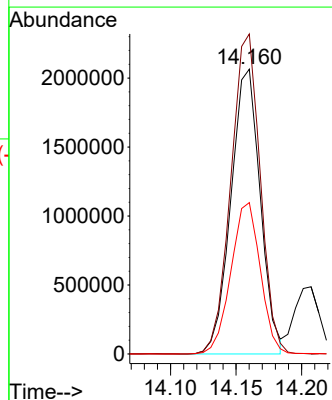
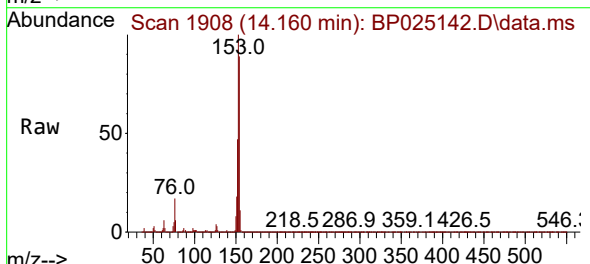
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

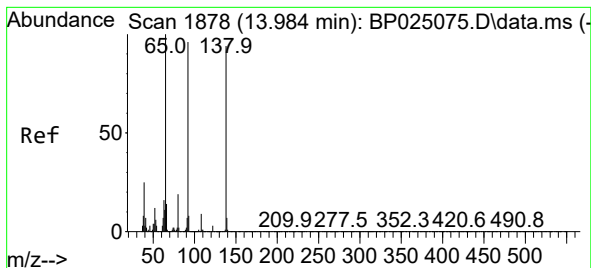
Tgt Ion:165 Resp: 968831
Ion Ratio Lower Upper
165 100
63 43.9 38.5 57.7
89 47.2 40.6 61.0



#52
Acenaphthene
Concen: 48.067 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:154 Resp: 3212866
Ion Ratio Lower Upper
154 100
153 112.3 90.6 136.0
152 53.1 43.8 65.8

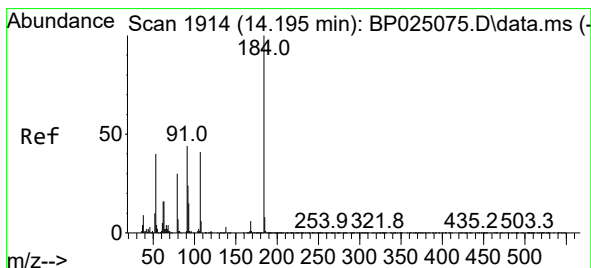
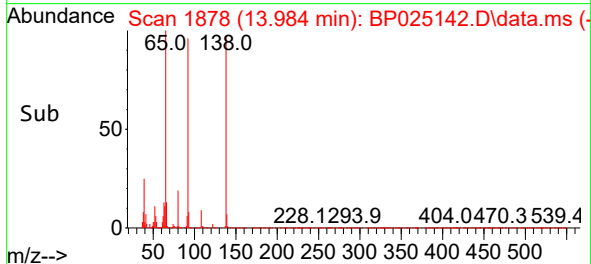
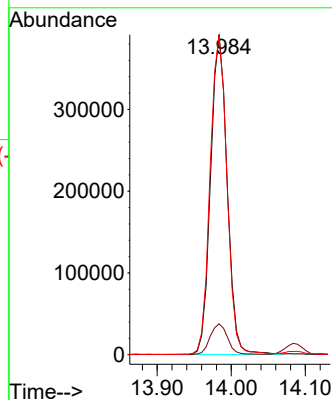
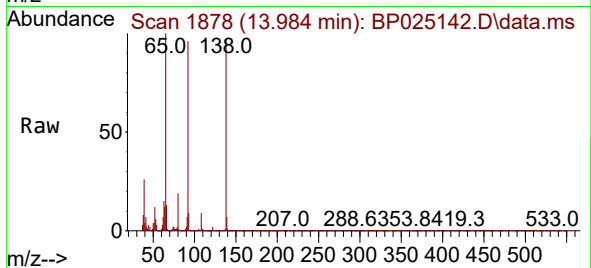




#53
3-Nitroaniline
Concen: 33.454 ng
RT: 13.984 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

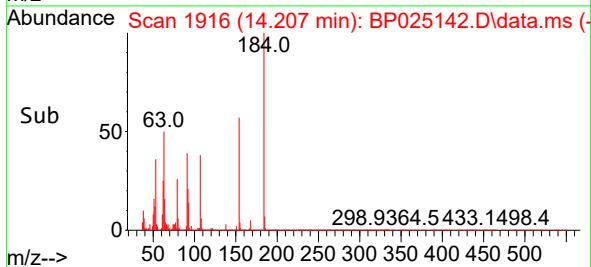
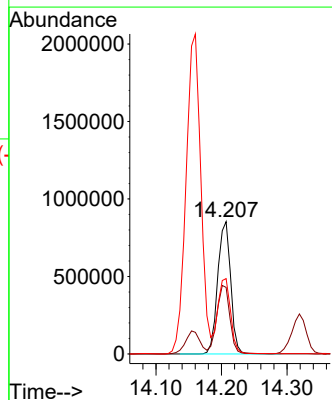
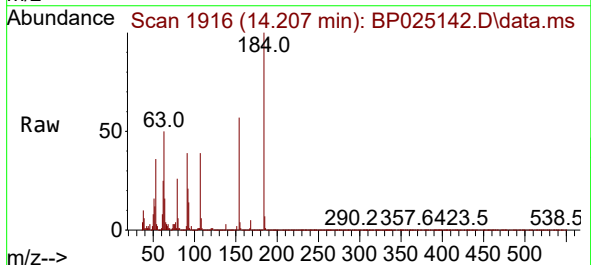
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

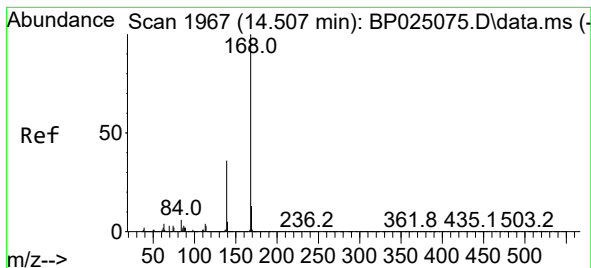
Tgt Ion:138 Resp: 606446
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.8
92 99.5 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 136.991 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:184 Resp: 1166495
Ion Ratio Lower Upper
184 100
63 50.3 47.4 71.0
154 57.0 47.8 71.8





#55

Dibenzofuran

Concen: 43.610 ng

RT: 14.507 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

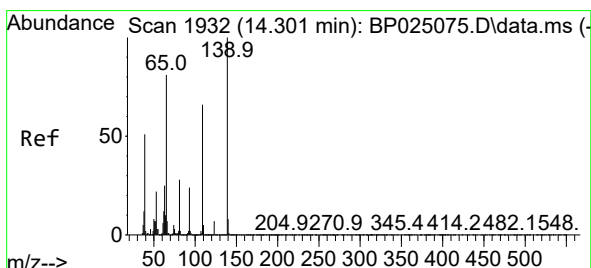
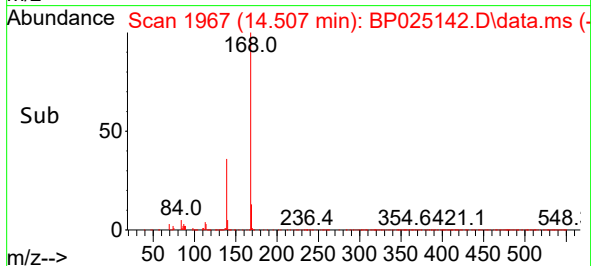
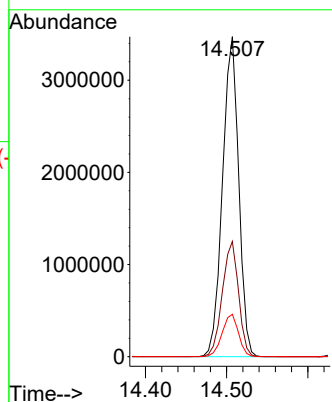
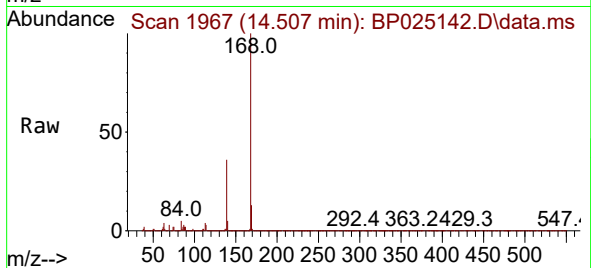
Tgt Ion:168 Resp: 4810567

Ion Ratio Lower Upper

168 100

139 36.0 28.6 43.0

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 102.335 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.018 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

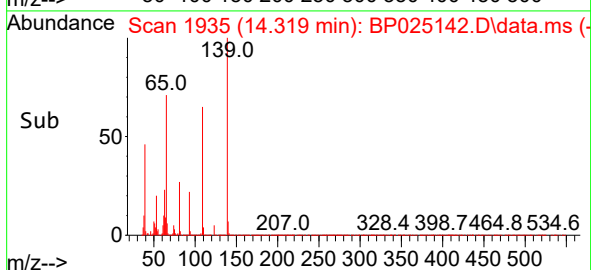
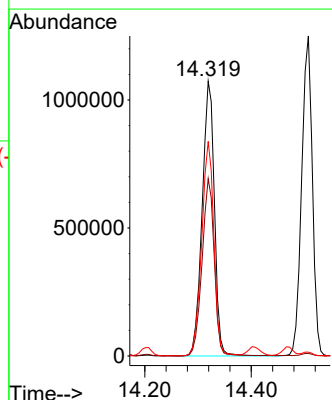
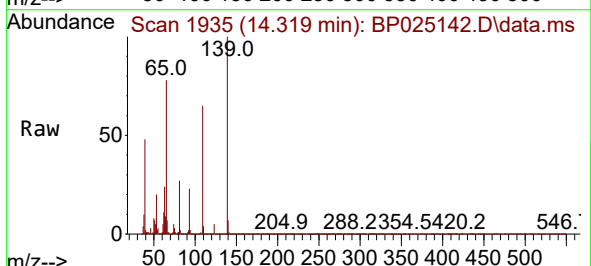
Tgt Ion:139 Resp: 1711981

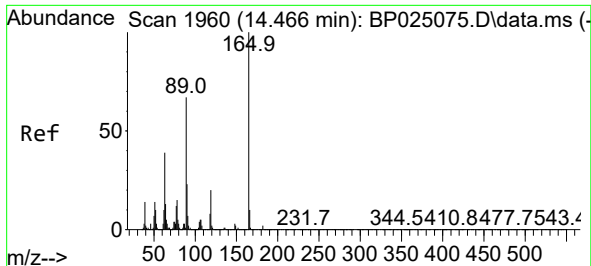
Ion Ratio Lower Upper

139 100

109 64.5 45.9 85.9

65 78.1 61.4 101.4

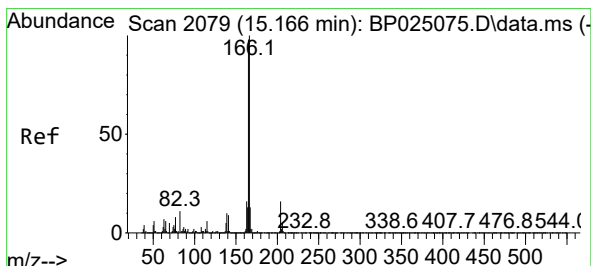
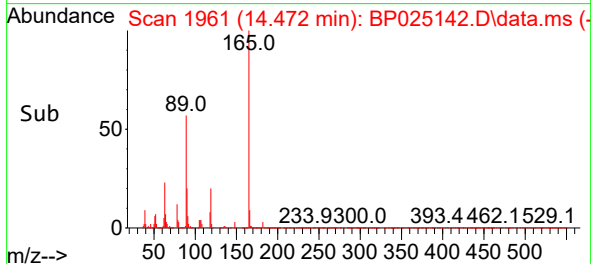
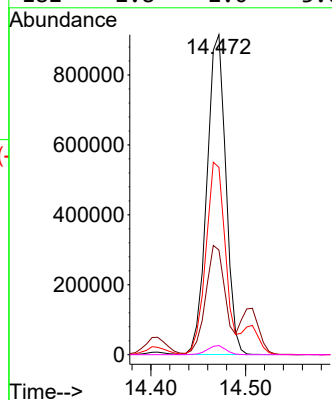
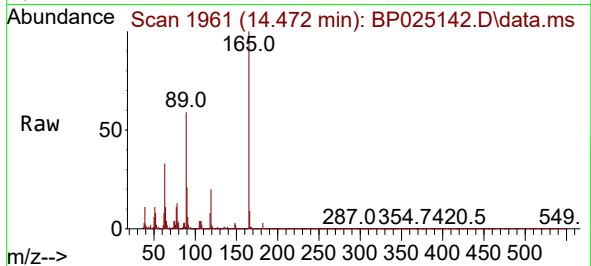




#57
2,4-Dinitrotoluene
Concen: 51.120 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

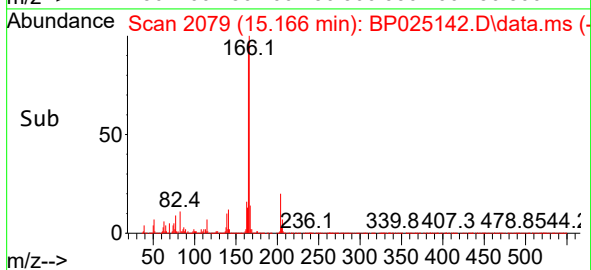
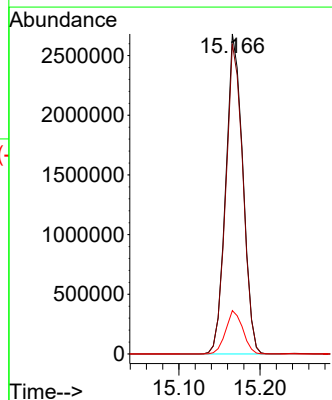
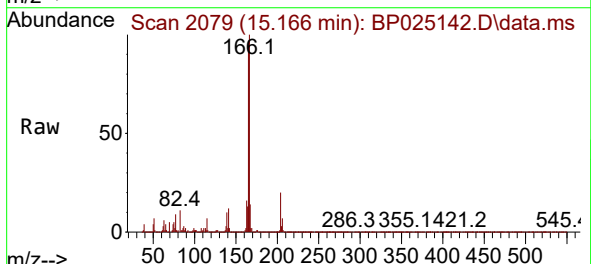
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

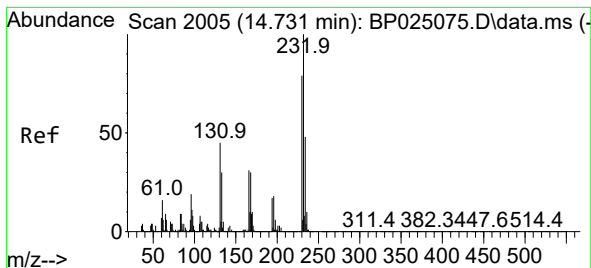
Tgt Ion:165 Resp: 1273598
Ion Ratio Lower Upper
165 100
63 32.7 31.0 46.4
89 58.5 53.4 80.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 45.934 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:166 Resp: 3919203
Ion Ratio Lower Upper
166 100
165 96.9 78.6 117.8
167 13.6 10.7 16.1

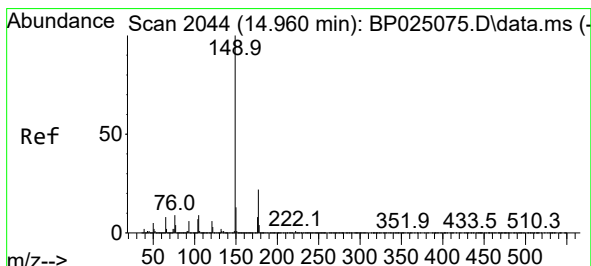
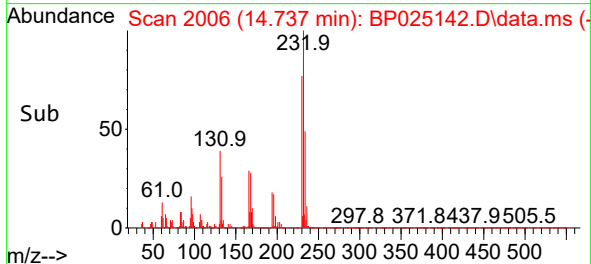
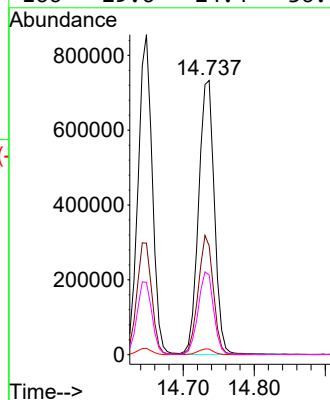
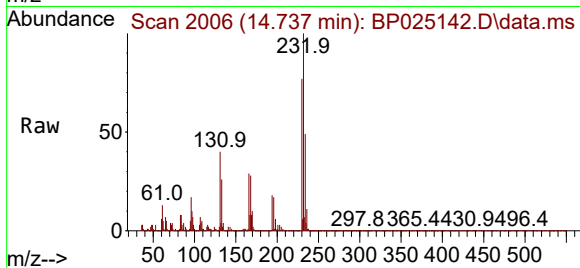




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.251 ng
RT: 14.737 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

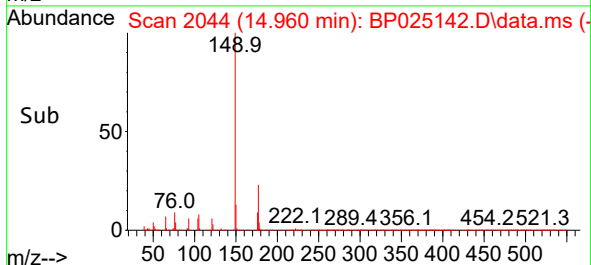
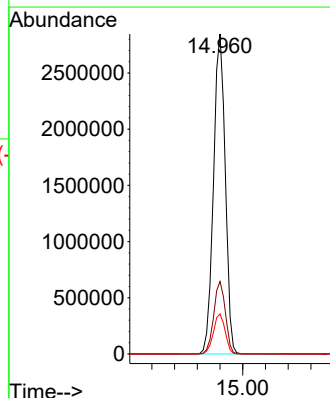
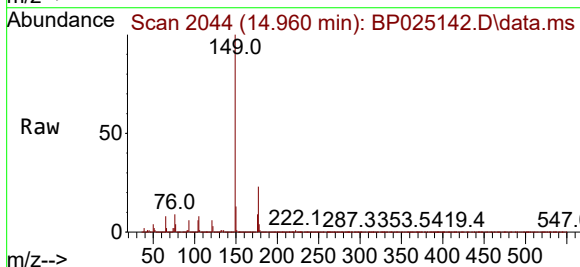
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

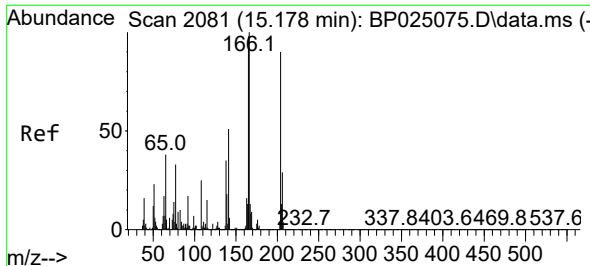
Tgt Ion:232 Resp: 1134112
Ion Ratio Lower Upper
232 100
131 41.8 35.7 53.5
130 2.1 1.8 2.6
166 29.6 24.4 36.6



#60
Diethylphthalate
Concen: 46.581 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:149 Resp: 4057770
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.5 10.2 15.2

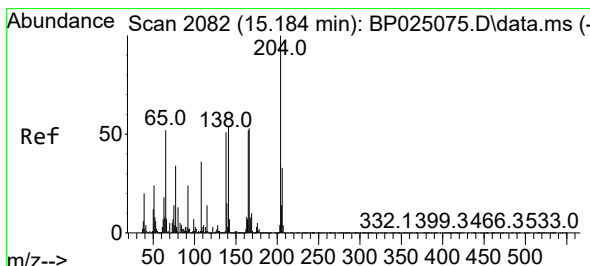
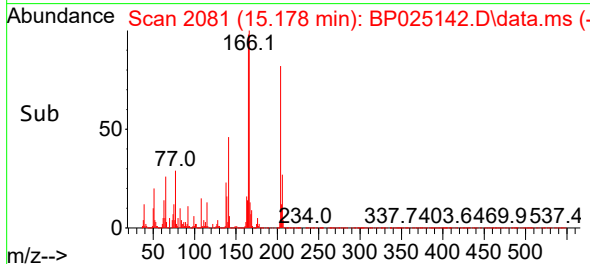
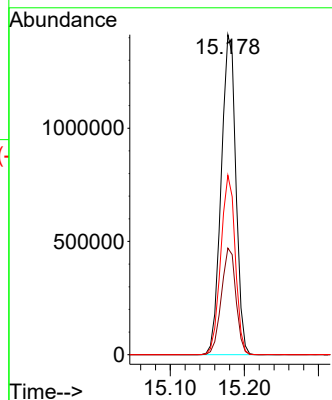
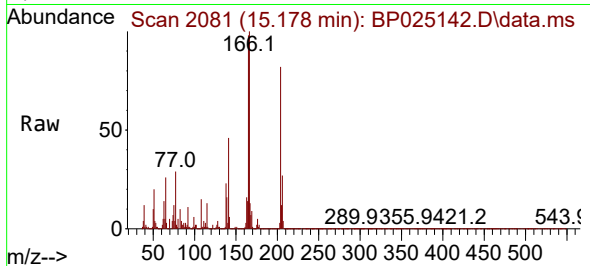




#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

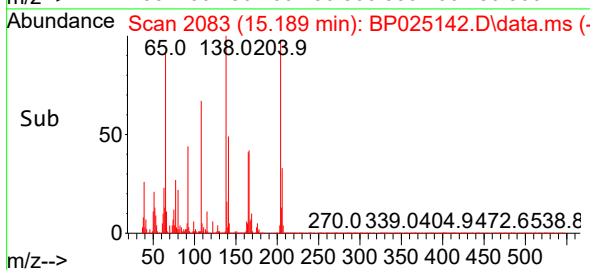
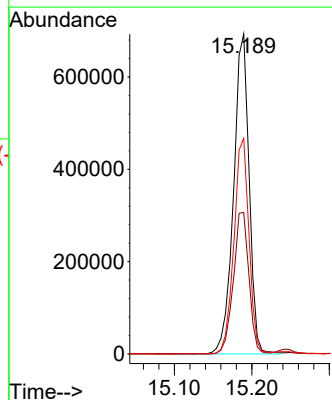
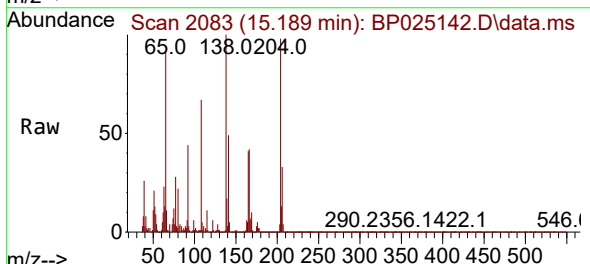
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

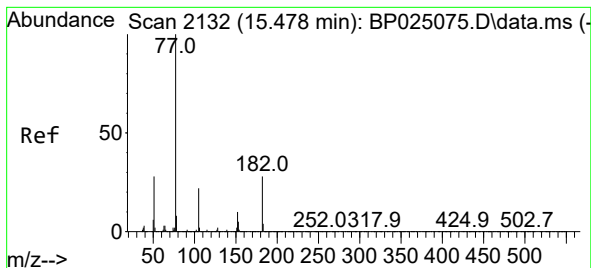
Tgt Ion:204 Resp: 1940199
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 56.0 45.1 67.7



#62
4-Nitroaniline
Concen: 50.840 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:138 Resp: 966397
Ion Ratio Lower Upper
138 100
92 44.2 26.0 66.0
108 67.4 50.0 90.0





#63

Azobenzene

Concen: 42.253 ng

RT: 15.478 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

Tgt Ion: 77 Resp: 3277601

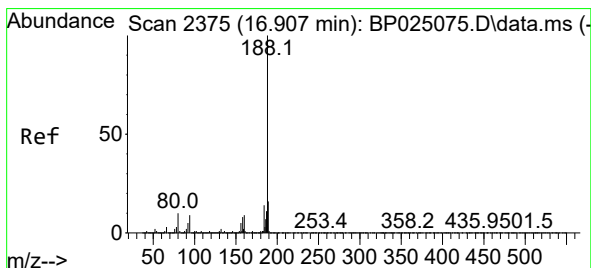
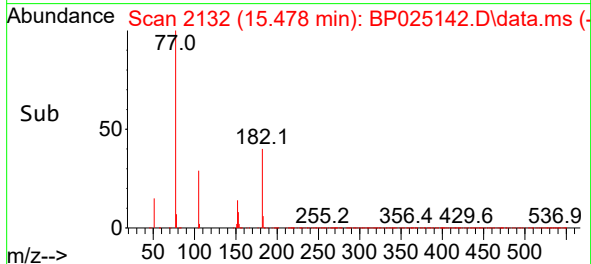
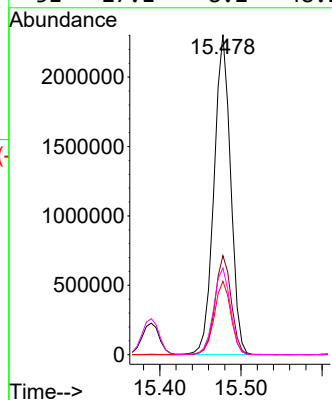
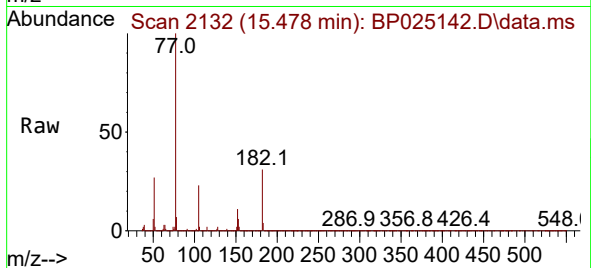
Ion Ratio Lower Upper

77 100

182 31.0 7.7 47.7

105 22.9 1.9 41.9

51 27.1 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 2376

Delta R.T. 0.006 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

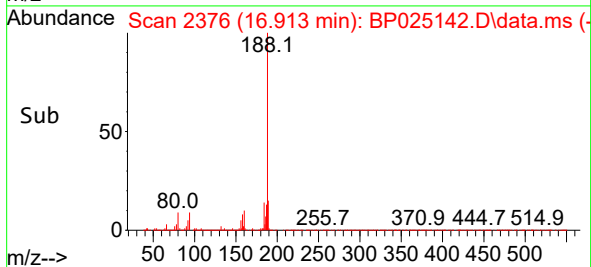
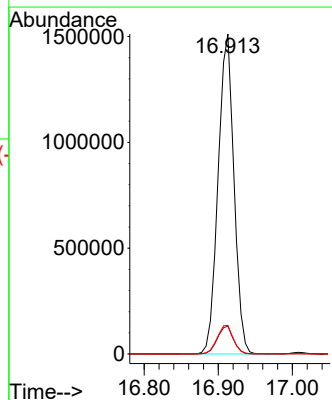
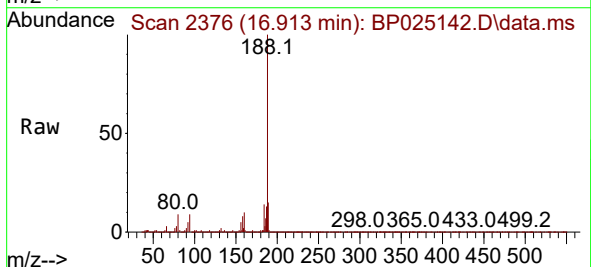
Tgt Ion:188 Resp: 2245143

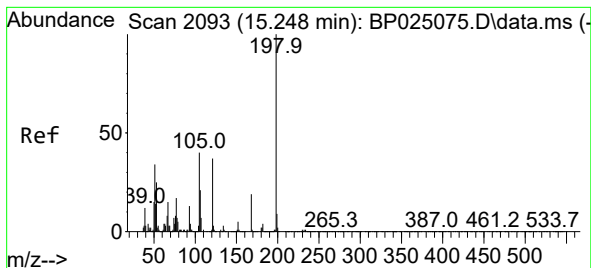
Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

80 9.0 7.8 11.6

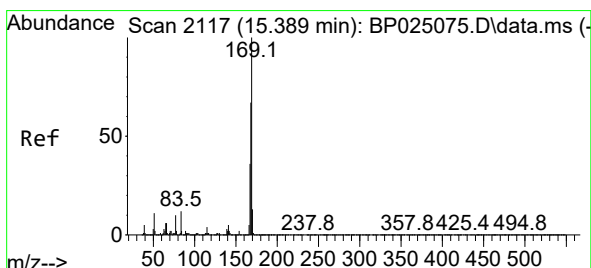
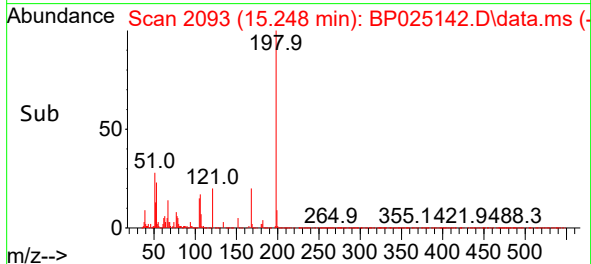
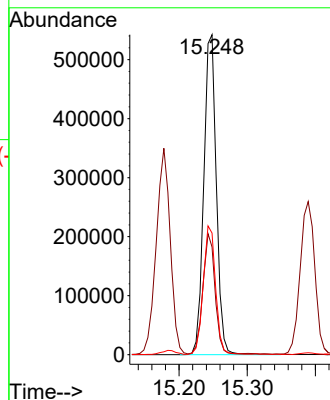
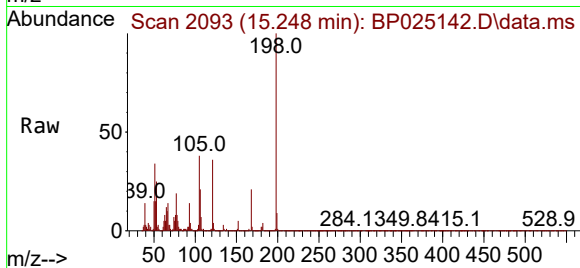




#65
4,6-Dinitro-2-methylphenol
Concen: 65.538 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

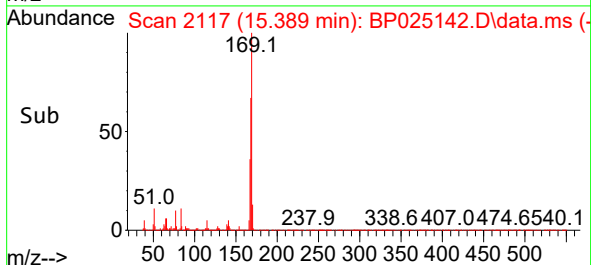
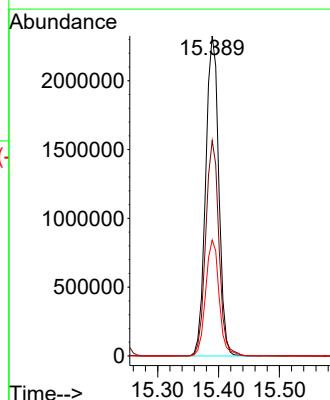
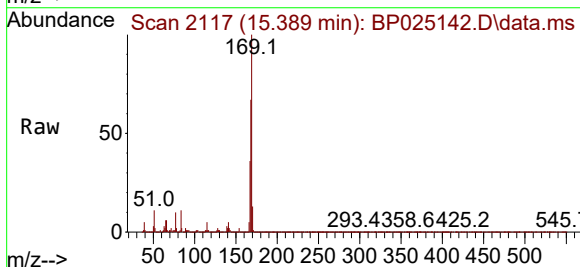
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

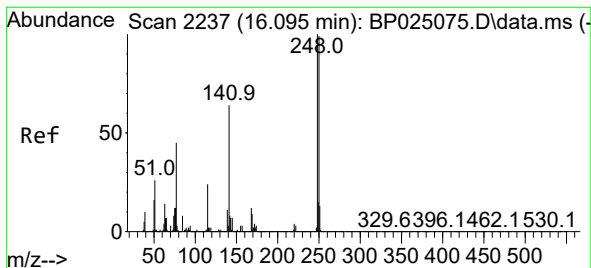
Tgt Ion:198 Resp: 693150
Ion Ratio Lower Upper
198 100
51 33.7 16.8 56.8
105 38.0 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 54.067 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:169 Resp: 3473950
Ion Ratio Lower Upper
169 100
168 67.3 54.1 81.1
167 36.3 29.0 43.6

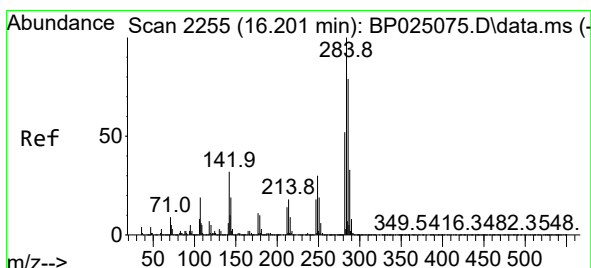
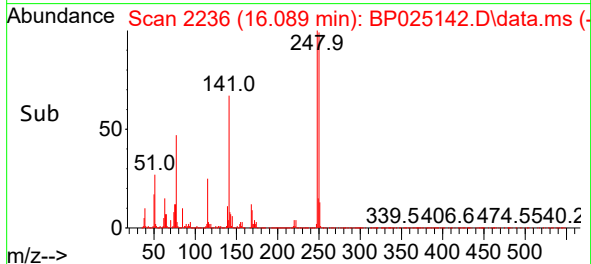
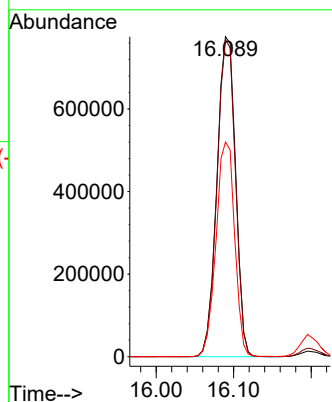
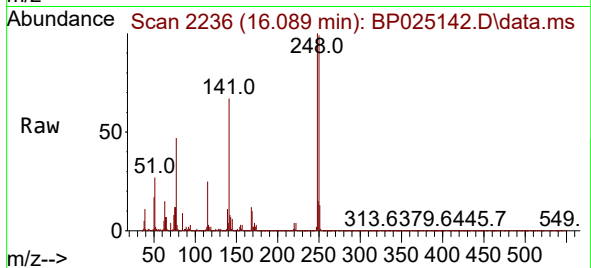




#67
4-Bromophenyl-phenylether
Concen: 56.402 ng
RT: 16.089 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

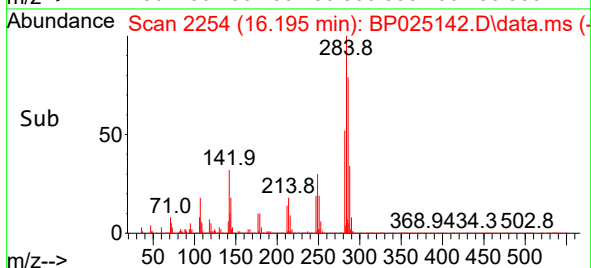
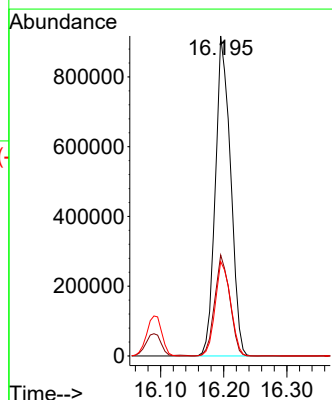
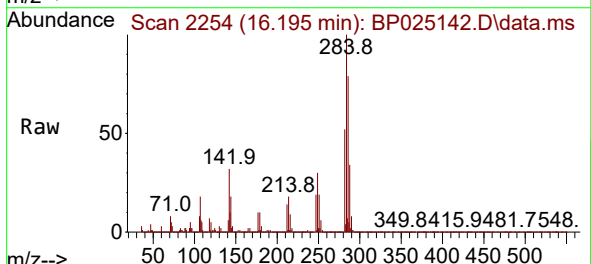
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

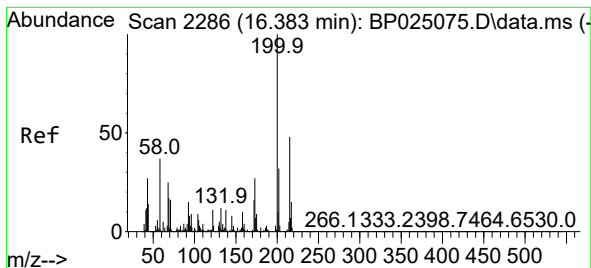
Tgt Ion:248 Resp: 1296565
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.2
141 67.1 51.4 77.0



#68
Hexachlorobenzene
Concen: 54.518 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:284 Resp: 1531815
Ion Ratio Lower Upper
284 100
142 31.5 25.9 38.9
249 29.5 23.8 35.8





#69

Atrazine

Concen: 66.904 ng

RT: 16.383 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

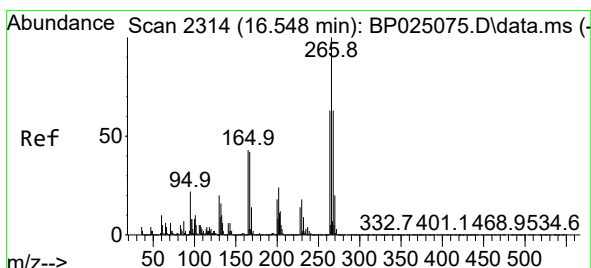
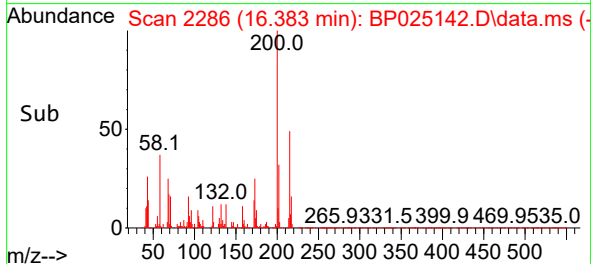
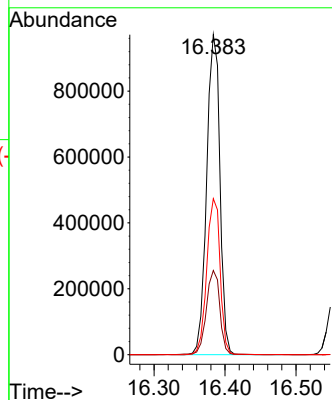
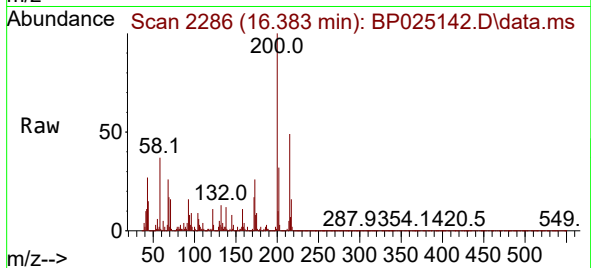
Tgt Ion:200 Resp: 1259683

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

215 48.8 28.0 68.0



#70

Pentachlorophenol

Concen: 113.429 ng

RT: 16.560 min Scan# 2316

Delta R.T. 0.012 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

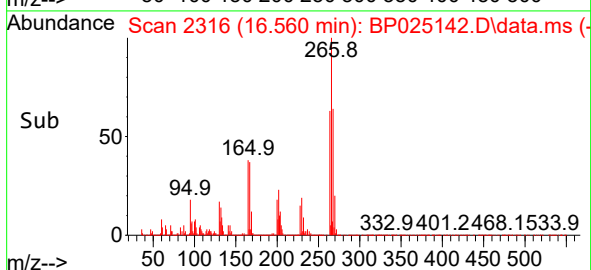
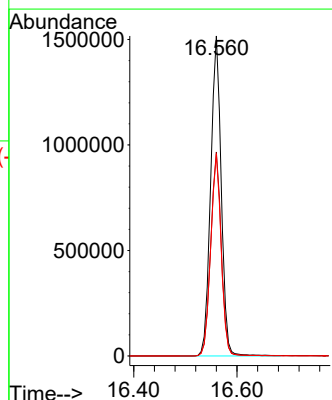
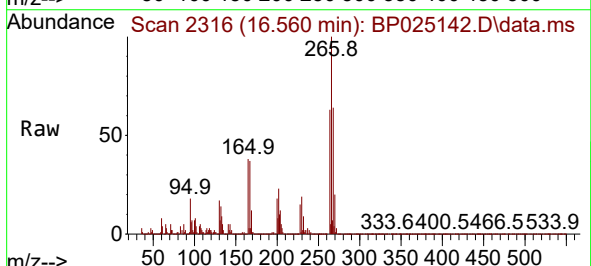
Tgt Ion:266 Resp: 2152402

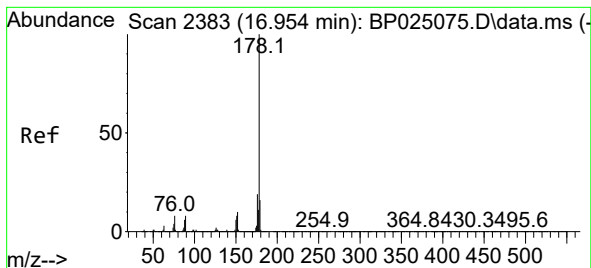
Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

264 63.2 50.2 75.2





#71

Phenanthrene

Concen: 50.830 ng

RT: 16.954 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

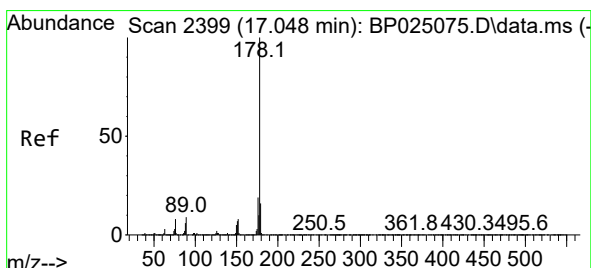
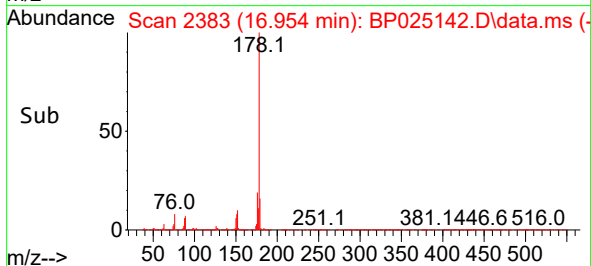
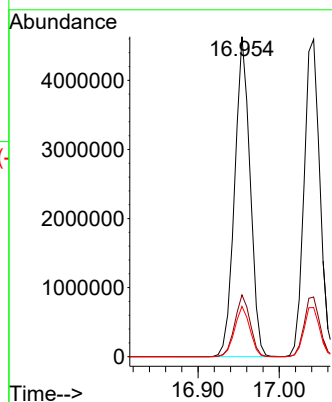
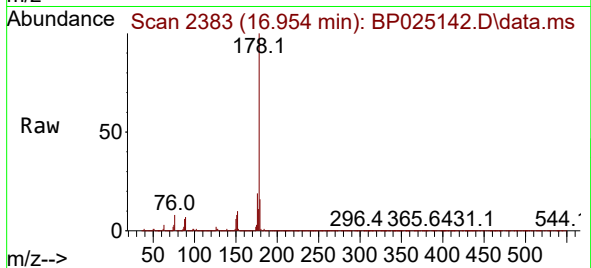
Tgt Ion:178 Resp: 6097921

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.7 12.6 19.0



#72

Anthracene

Concen: 53.979 ng

RT: 17.042 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

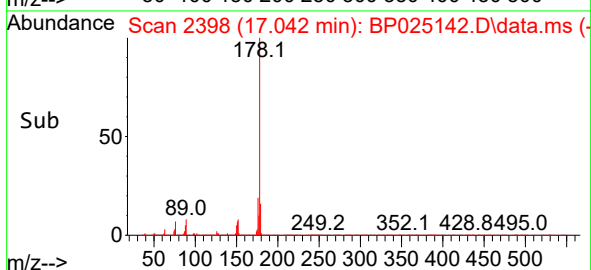
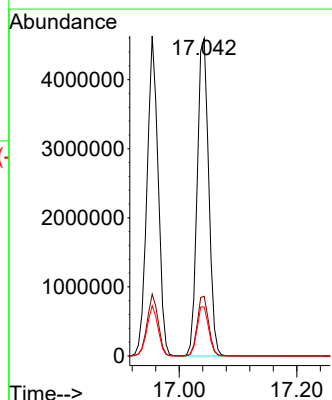
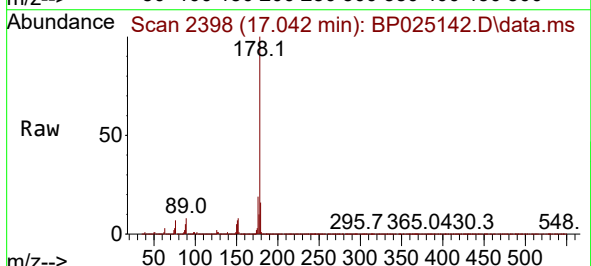
Tgt Ion:178 Resp: 6212631

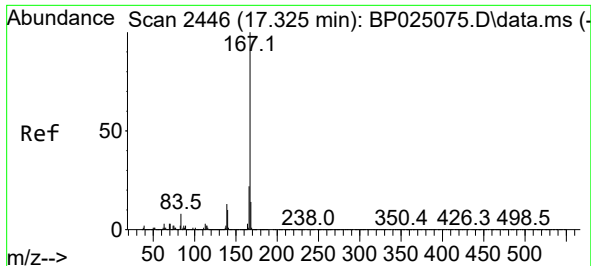
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.5 12.5 18.7

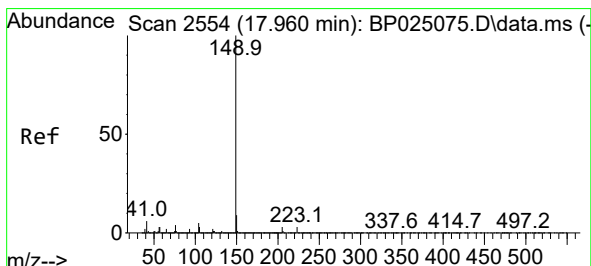
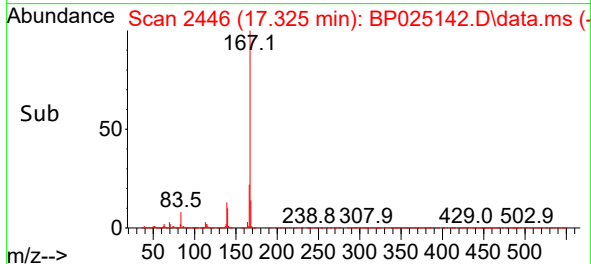
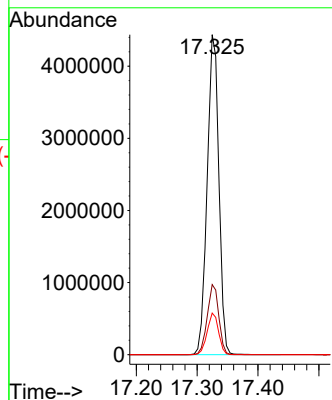
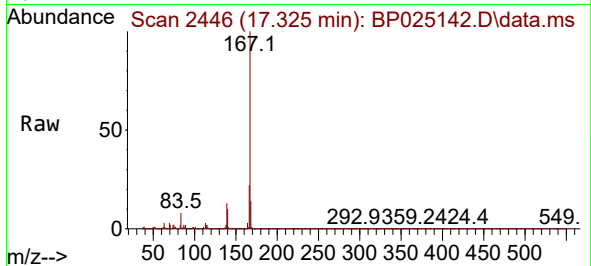




#73
 Carbazole
 Concen: 52.513 ng
 RT: 17.325 min Scan# 2446
 Delta R.T. 0.000 min
 Lab File: BP025142.D
 Acq: 15 Jul 2025 12:25

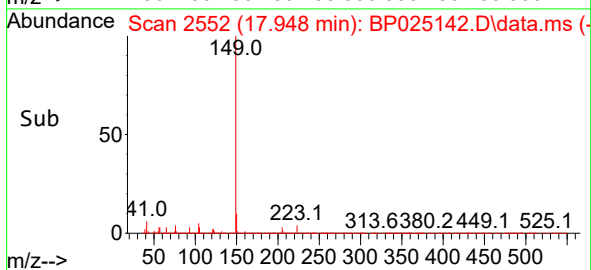
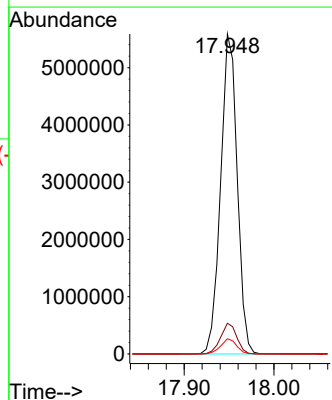
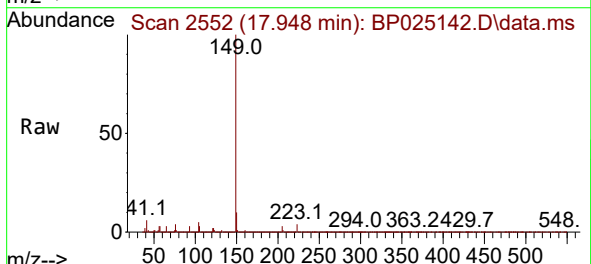
Instrument :
 BNA_P
 ClientSampleId :
 TP-14MSD

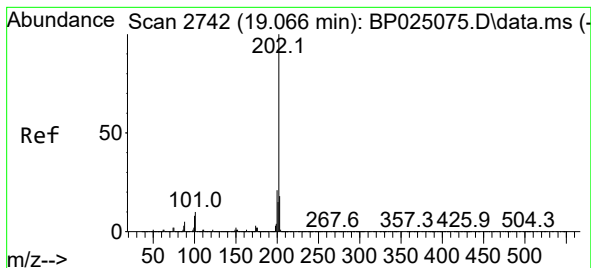
Tgt Ion:167 Resp: 5909405
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 57.195 ng
 RT: 17.948 min Scan# 2552
 Delta R.T. -0.012 min
 Lab File: BP025142.D
 Acq: 15 Jul 2025 12:25

Tgt Ion:149 Resp: 7167302
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.3 10.9
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 51.487 ng

RT: 19.054 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

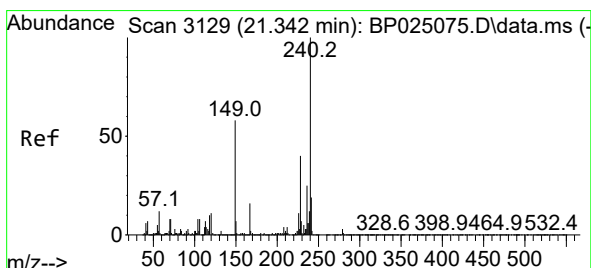
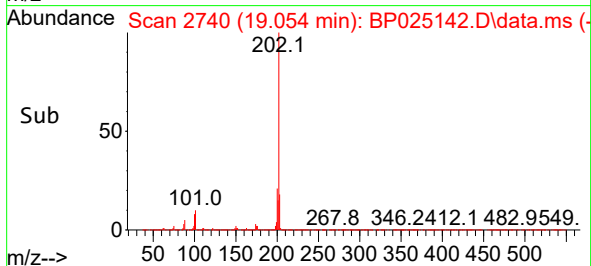
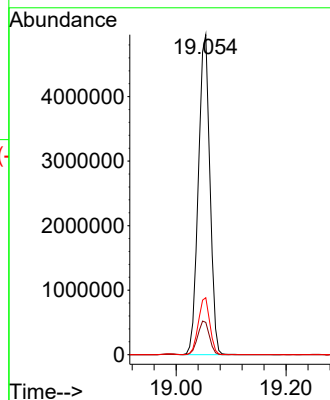
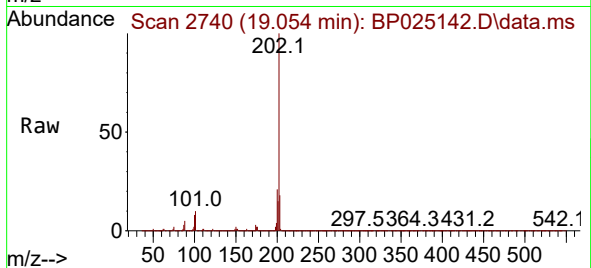
Tgt Ion:202 Resp: 7220036

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.4

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.342 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

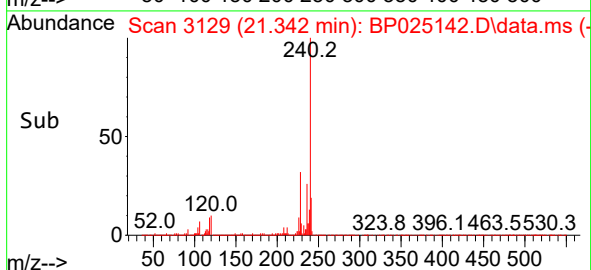
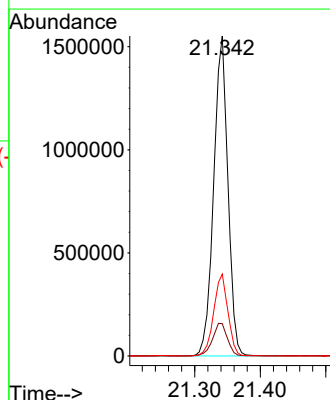
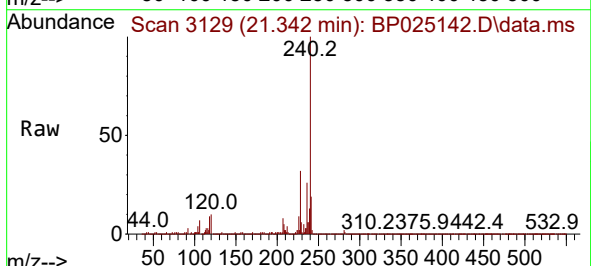
Tgt Ion:240 Resp: 2333965

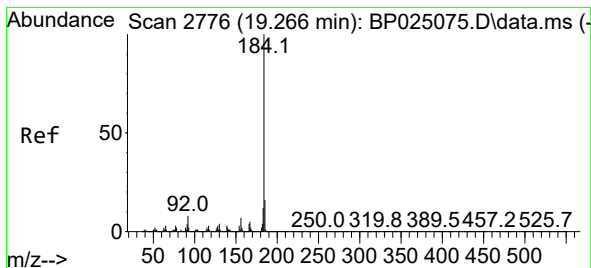
Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.4

236 25.6 20.3 30.5





#77

Benzidine

Concen: 25.764 ng

RT: 19.254 min Scan# 2774

Delta R.T. -0.012 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

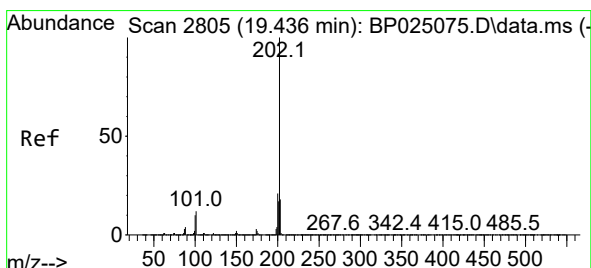
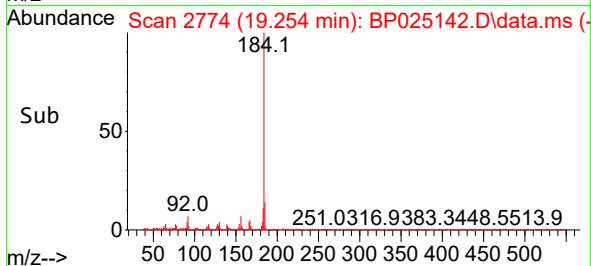
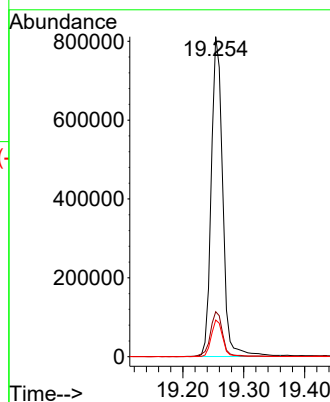
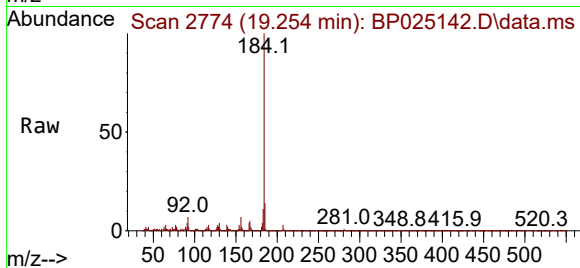
Tgt Ion:184 Resp: 1062027

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

183 11.5 9.4 14.2



#78

Pyrene

Concen: 51.280 ng

RT: 19.424 min Scan# 2803

Delta R.T. -0.012 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

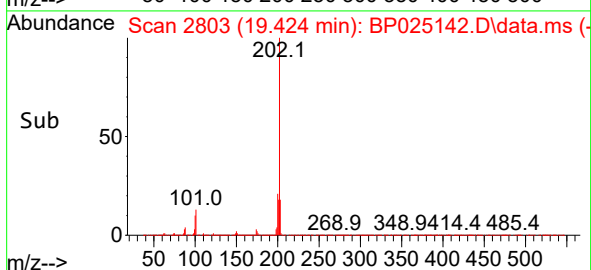
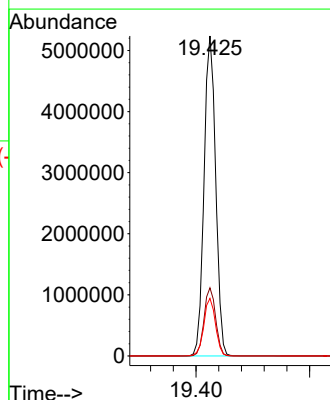
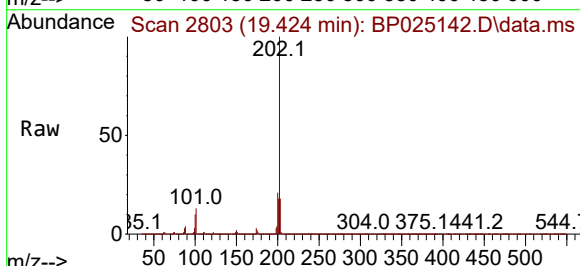
Tgt Ion:202 Resp: 7413040

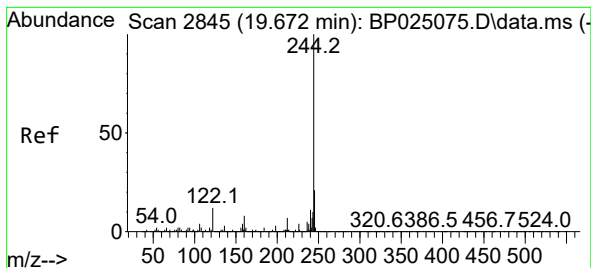
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 103.250 ng

RT: 19.666 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

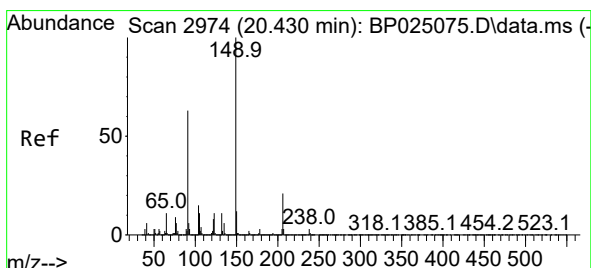
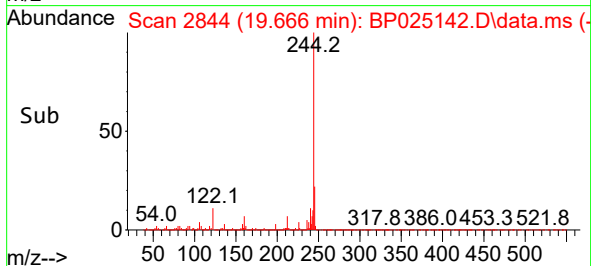
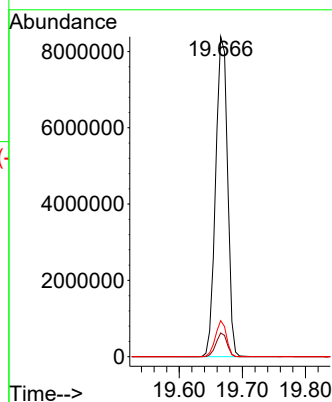
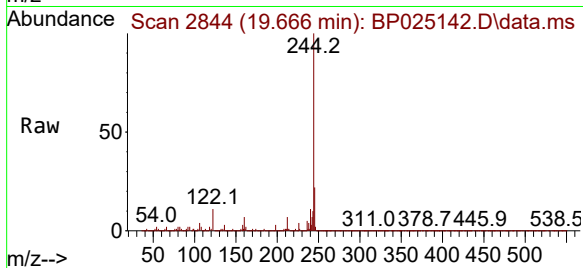
Tgt Ion:244 Resp:10964731

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 58.142 ng

RT: 20.424 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

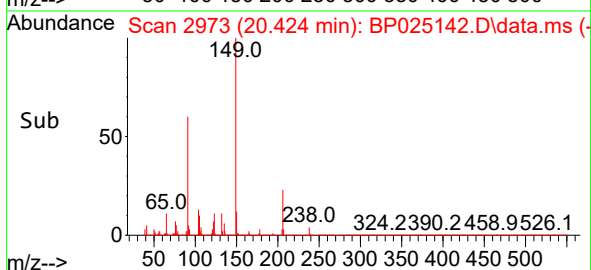
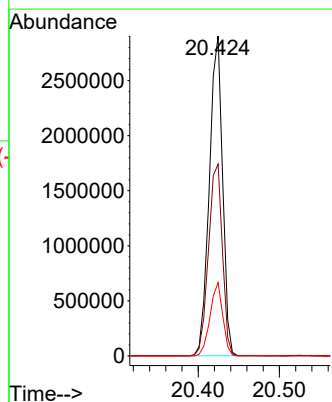
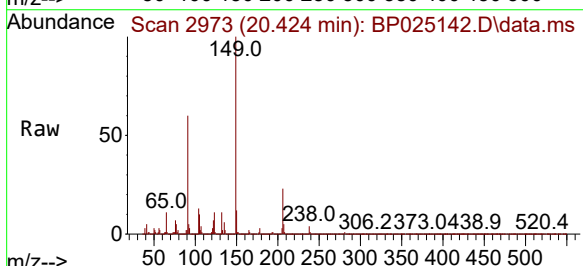
Tgt Ion:149 Resp: 3285222

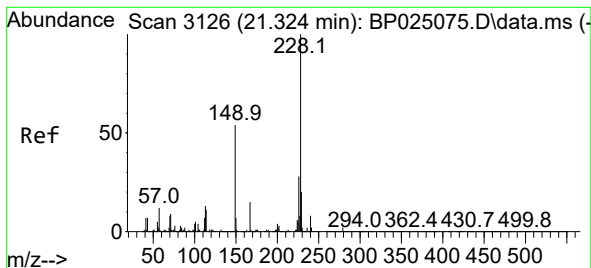
Ion Ratio Lower Upper

149 100

91 59.9 50.6 76.0

206 22.9 17.2 25.8





#81

Benzo(a)anthracene

Concen: 53.165 ng

RT: 21.324 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

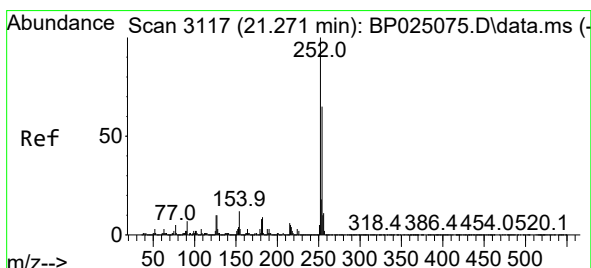
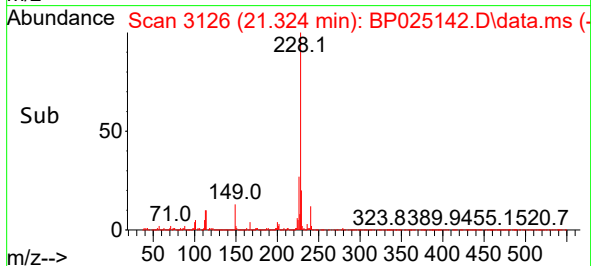
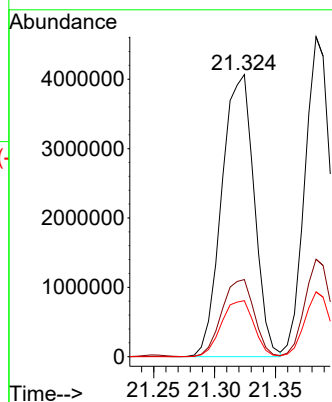
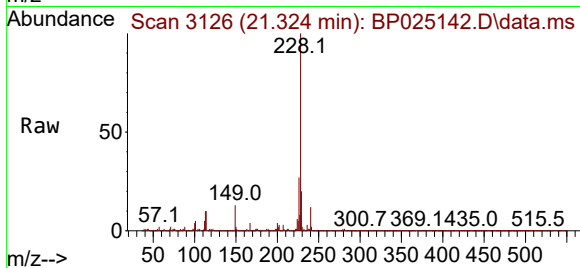
Tgt Ion:228 Resp: 7519807

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 48.822 ng

RT: 21.248 min Scan# 3113

Delta R.T. -0.024 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

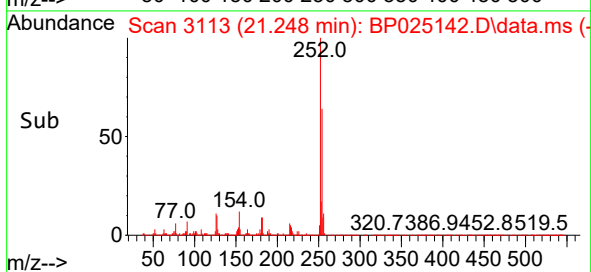
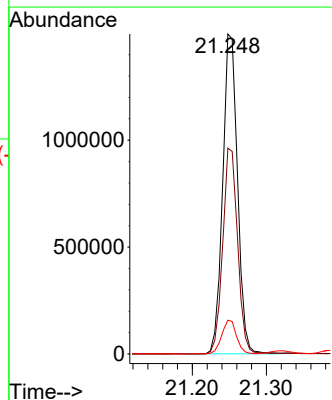
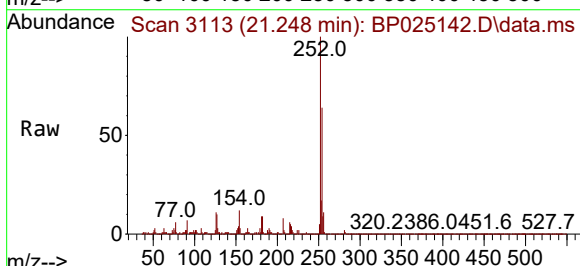
Tgt Ion:252 Resp: 2078808

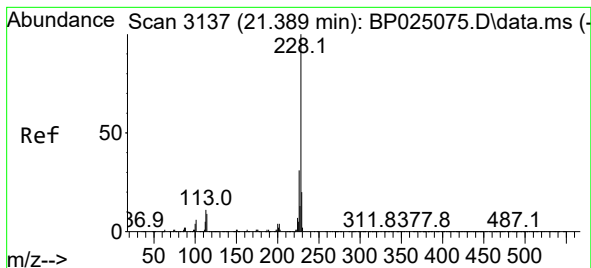
Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

126 10.6 8.1 12.1





#83

Chrysene

Concen: 50.413 ng

RT: 21.383 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

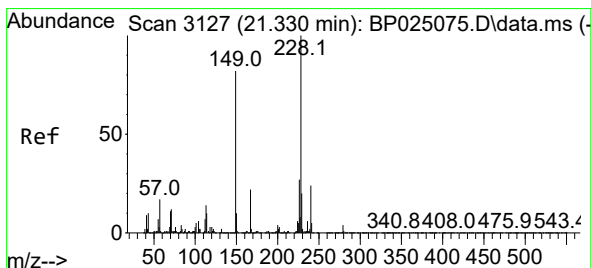
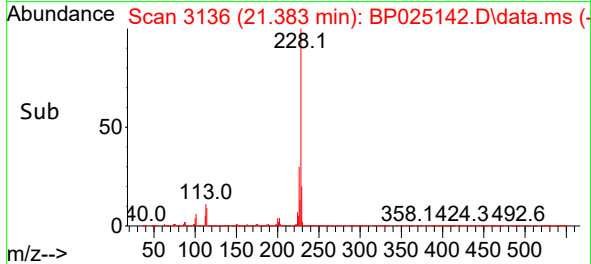
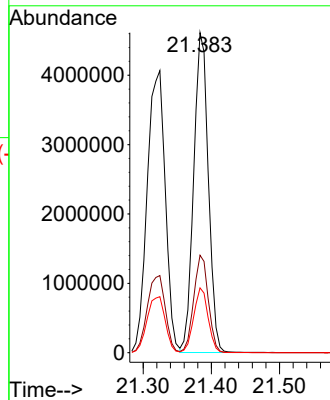
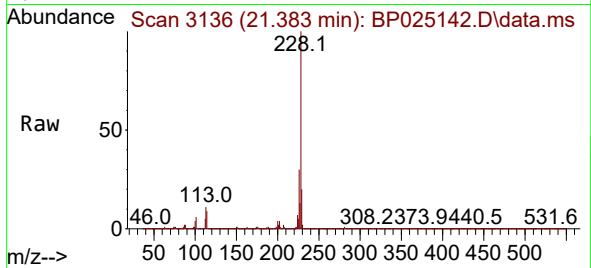
Tgt Ion:228 Resp: 6861933

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.976 ng

RT: 21.307 min Scan# 3123

Delta R.T. -0.023 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

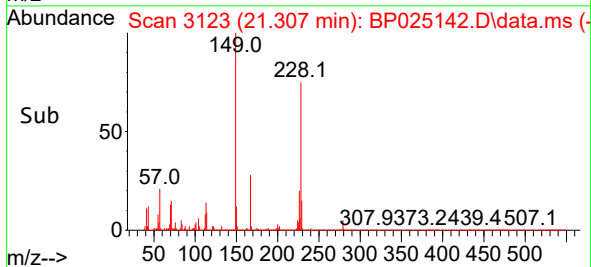
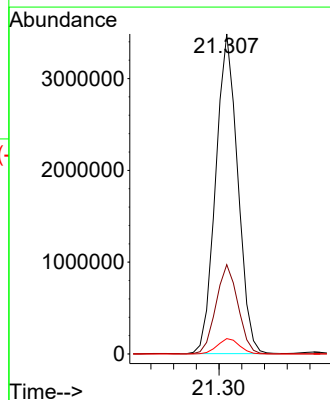
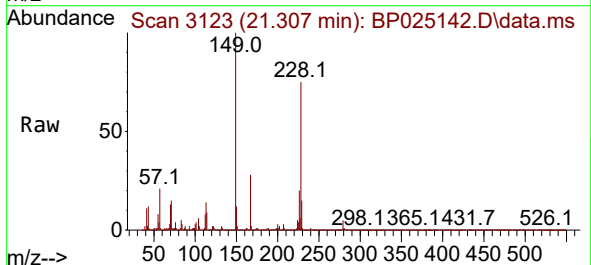
Tgt Ion:149 Resp: 4701989

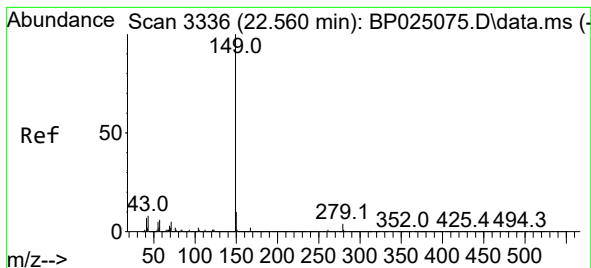
Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 56.821 ng

RT: 22.524 min Scan# 31

Delta R.T. -0.036 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

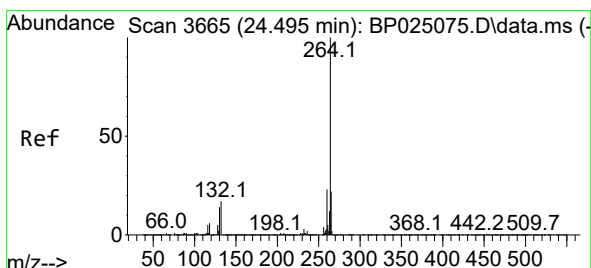
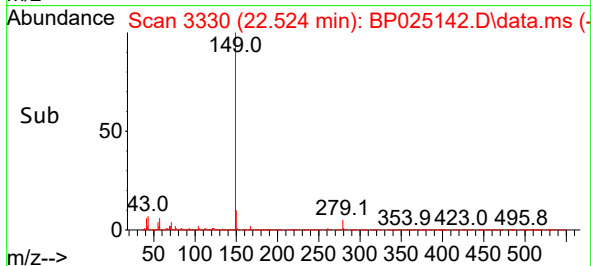
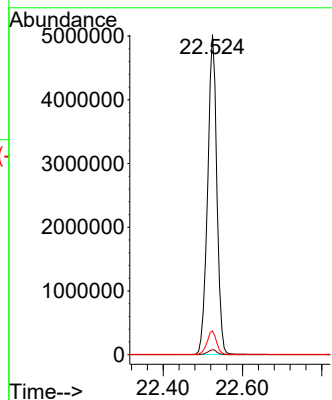
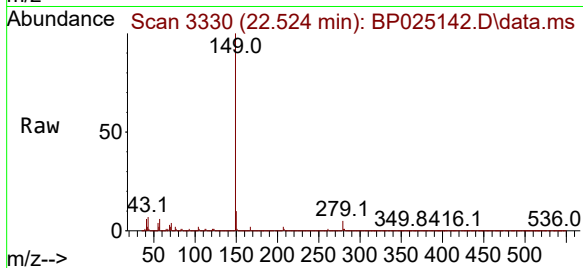
Tgt Ion:149 Resp: 8083246

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.460 min Scan# 3659

Delta R.T. -0.035 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

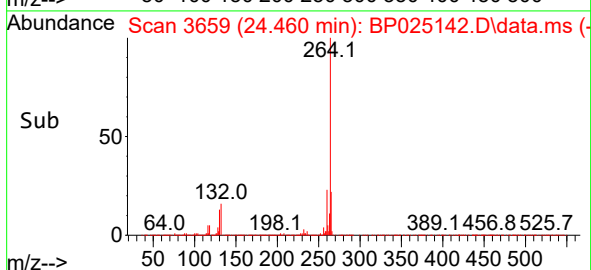
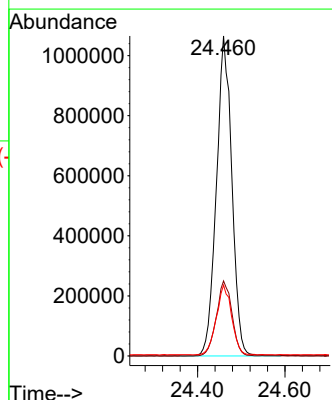
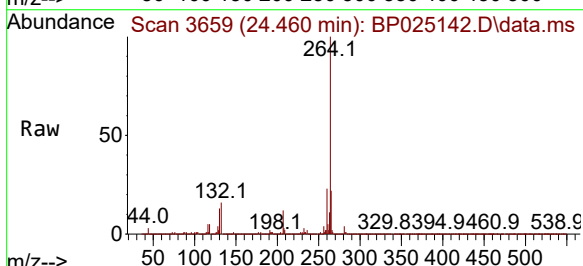
Tgt Ion:264 Resp: 2604119

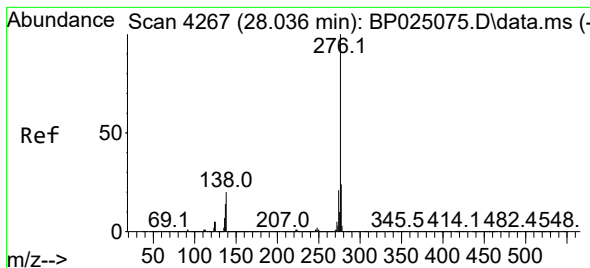
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.2 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.431 ng m

RT: 27.995 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

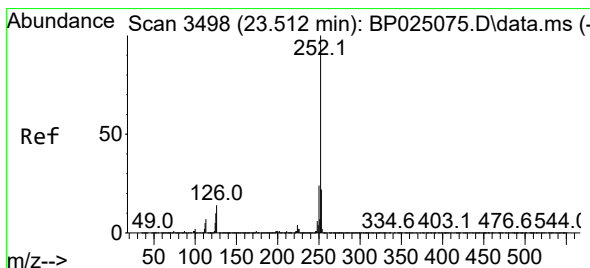
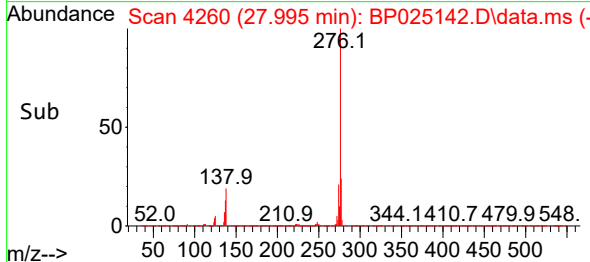
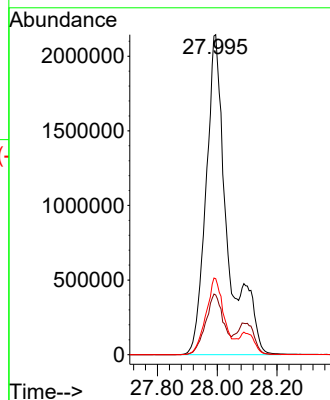
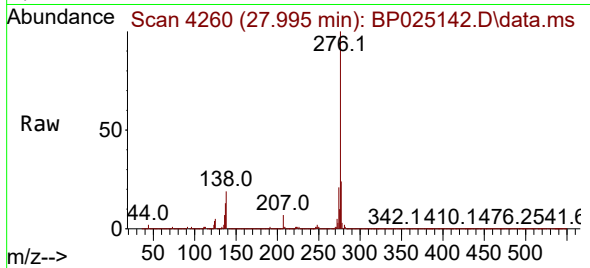
Tgt Ion:276 Resp:10688941

Ion Ratio Lower Upper

276 100

138 16.0 13.0 19.6

277 20.2 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 51.179 ng

RT: 23.495 min Scan# 3495

Delta R.T. -0.018 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

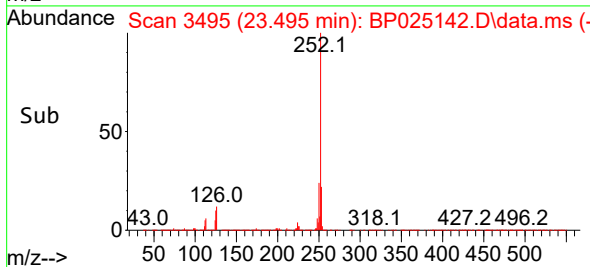
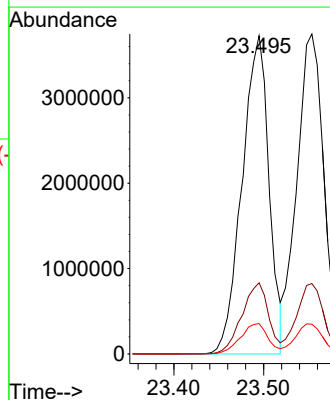
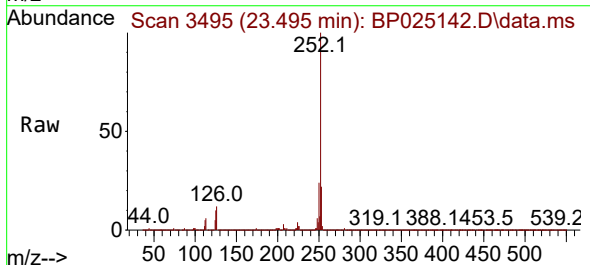
Tgt Ion:252 Resp: 7757348

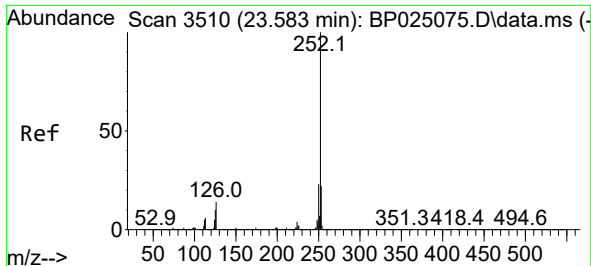
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.6 8.1 12.1

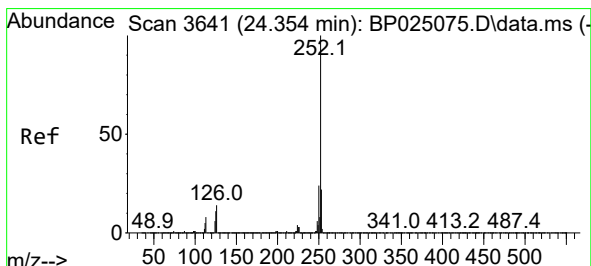
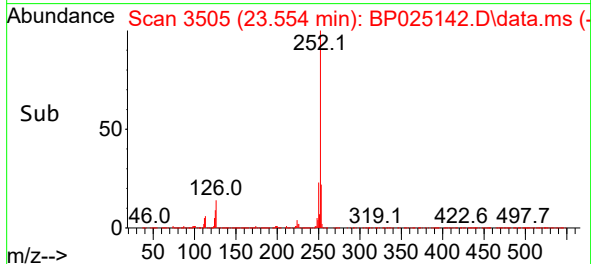
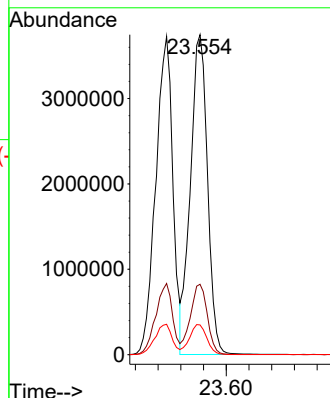
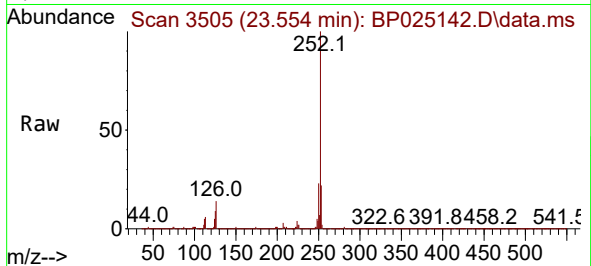




#89
Benzo(k)fluoranthene
Concen: 51.941 ng
RT: 23.554 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

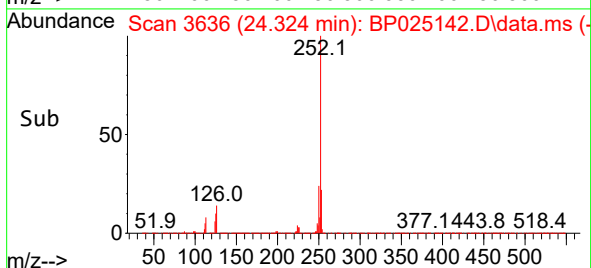
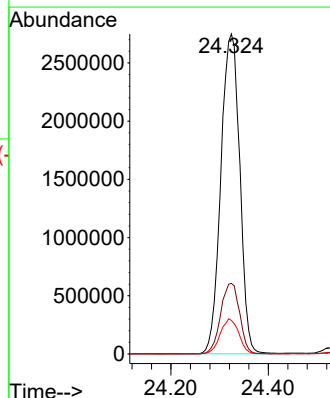
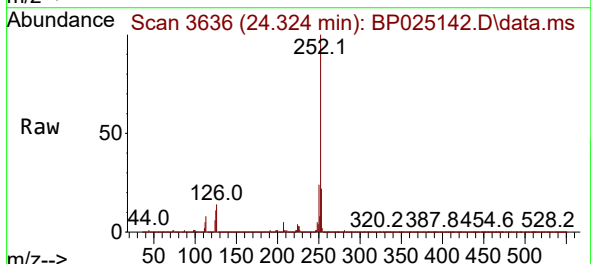
Instrument :
BNA_P
ClientSampleId :
TP-14MSD

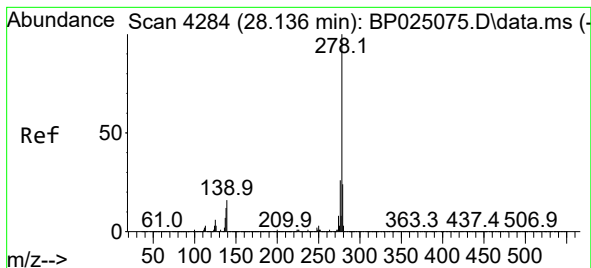
Tgt Ion:252 Resp: 7833452
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.3 8.2 12.2



#90
Benzo(a)pyrene
Concen: 57.465 ng
RT: 24.324 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BP025142.D
Acq: 15 Jul 2025 12:25

Tgt Ion:252 Resp: 7413243
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 63.429 ng

RT: 28.089 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Instrument :

BNA_P

ClientSampleId :

TP-14MSD

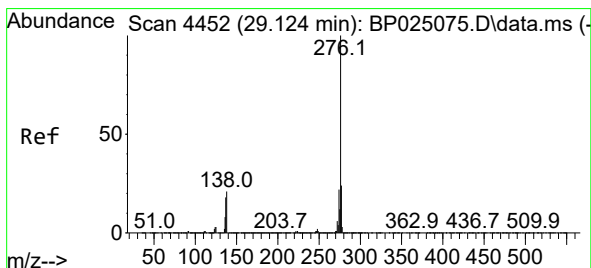
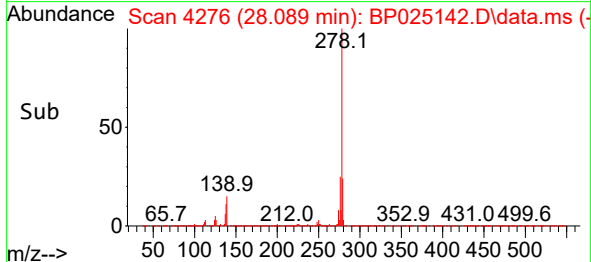
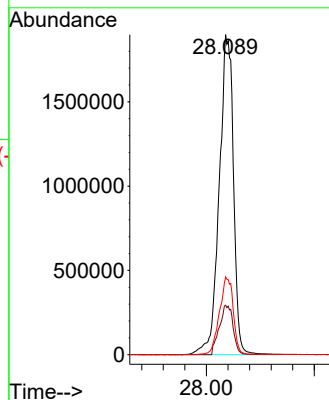
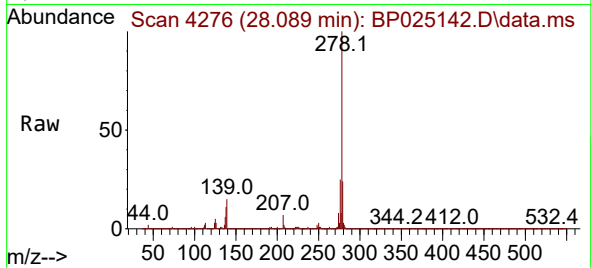
Tgt Ion:278 Resp: 8698013

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

279 24.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 55.748 ng

RT: 29.100 min Scan# 4448

Delta R.T. -0.023 min

Lab File: BP025142.D

Acq: 15 Jul 2025 12:25

Tgt Ion:276 Resp: 7897272

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 21.3 16.9 25.3

