

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025258.D
 Acq On : 28 Jul 2025 21:47
 Operator : CG/JU
 Sample : Q2706-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-361MSD

Quant Time: Jul 29 01:07:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.408	152	457015	20.000	ng	0.00
21) Naphthalene-d8	10.143	136	1722419	20.000	ng	0.00
39) Acenaphthene-d10	14.043	164	1018655	20.000	ng	0.00
64) Phenanthrene-d10	16.848	188	1995906	20.000	ng	0.00
76) Chrysene-d12	21.266	240	2404236	20.000	ng	0.00
86) Perylene-d12	24.313	264	2928991	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.120	112	2627442	97.140	ng	0.02
7) Phenol-d6	6.667	99	3246166	96.900	ng	0.03
23) Nitrobenzene-d5	8.549	82	1975582	63.741	ng	0.00
42) 2,4,6-Tribromophenol	15.578	330	1376280	91.647	ng	0.00
45) 2-Fluorobiphenyl	12.643	172	4790781	66.304	ng	-0.01
79) Terphenyl-d14	19.589	244	7267717	59.673	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	417352	41.170	ng	98
3) Pyridine	3.537	79	1074700	39.604	ng	97
4) n-Nitrosodimethylamine	3.414	42	480900	44.688	ng	# 94
6) Aniline	6.867	93	1137507	25.976	ng	# 58
8) 2-Chlorophenol	7.008	128	1337247	43.573	ng	99
9) Benzaldehyde	6.590	77	637447	28.065	ng	98
10) Phenol	6.690	94	1526786	43.947	ng	99
11) bis(2-Chloroethyl)ether	6.867	93	1137507	42.707	ng	99
12) 1,3-Dichlorobenzene	7.308	146	1475264	42.746	ng	100
13) 1,4-Dichlorobenzene	7.443	146	1497898	42.998	ng	100
14) 1,2-Dichlorobenzene	7.749	146	1438388	42.921	ng	100
15) Benzyl Alcohol	7.684	79	802281	33.201	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.937	45	1489227	43.698	ng	99
17) 2-Methylphenol	7.890	107	1023268	42.484	ng	99
18) Hexachloroethane	8.455	117	523336	43.684	ng	98
19) n-Nitroso-di-n-propyla...	8.225	70	819343	40.656	ng	98
20) 3+4-Methylphenols	8.214	107	1322193	40.244	ng	# 84
22) Acetophenone	8.231	105	1784876	44.533	ng	# 97
24) Nitrobenzene	8.590	77	1247003	45.135	ng	98
25) Isophorone	9.143	82	2269784	41.645	ng	99
26) 2-Nitrophenol	9.284	139	683426	43.076	ng	99
27) 2,4-Dimethylphenol	9.378	122	1155768	43.535	ng	99
28) bis(2-Chloroethoxy)met...	9.590	93	1464637	42.962	ng	99
29) 2,4-Dichlorophenol	9.855	162	1170684	42.922	ng	99
30) 1,2,4-Trichlorobenzene	10.013	180	1320486	44.326	ng	99
31) Naphthalene	10.196	128	3904485	44.299	ng	100
32) Benzoic acid	9.596	122	543471	26.815	ng	98
33) 4-Chloroaniline	10.490	127	88841	2.293	ng	# 56
34) Hexachlorobutadiene	10.490	225	795685	44.377	ng	99
35) Caprolactam	11.319	113	338708	37.418	ng	90
36) 4-Chloro-3-methylphenol	11.502	107	1101692	40.407	ng	98
37) 2-Methylnaphthalene	11.819	142	2414256	42.184	ng	100
38) 1-Methylnaphthalene	12.043	142	2570704	42.760	ng	99
40) 1,2,4,5-Tetrachloroben...	12.196	216	1399421	45.831	ng	98
41) Hexachlorocyclopentadiene	12.178	237	1950142	106.991	ng	100
43) 2,4,6-Trichlorophenol	12.472	196	914466	43.832	ng	100

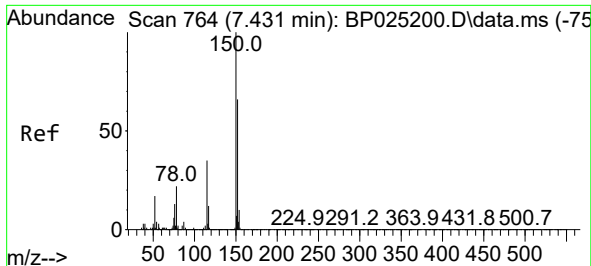
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	995411	43.356	ng	98
46) 1,1'-Biphenyl	12.860	154	3439953	46.584	ng	99
47) 2-Chloronaphthalene	12.896	162	2675491	46.407	ng	100
48) 2-Nitroaniline	13.143	65	668029	45.373	ng	97
49) Acenaphthylene	13.766	152	4371582	46.881	ng	99
50) Dimethylphthalate	13.525	163	3220210	44.203	ng	100
51) 2,6-Dinitrotoluene	13.631	165	706514	44.633	ng	94
52) Acenaphthene	14.113	154	2479027	45.975	ng	100
53) 3-Nitroaniline	13.990	138	262149	14.686	ng	96
54) 2,4-Dinitrophenol	14.196	184	907155	96.724	ng	98
55) Dibenzofuran	14.448	168	3965054	45.523	ng	98
56) 4-Nitrophenol	14.390	139	1031784	67.548	ng	93
57) 2,4-Dinitrotoluene	14.443	165	1018852	45.981	ng	# 81
58) Fluorene	15.113	166	3209085	46.409	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.701	232	873737	43.003	ng	98
60) Diethylphthalate	14.931	149	3164450	44.071	ng	99
61) 4-Chlorophenyl-phenyle...	15.119	204	1576279	45.113	ng	98
62) 4-Nitroaniline	15.178	138	337550	18.594	ng	96
63) Azobenzene	15.419	77	2905418	49.655	ng	97
65) 4,6-Dinitro-2-methylph...	15.219	198	577992	44.873	ng	97
66) n-Nitrosodiphenylamine	15.354	169	2770757	45.737	ng	99
67) 4-Bromophenyl-phenylether	16.037	248	1023583	43.943	ng	96
68) Hexachlorobenzene	16.148	284	1215148	43.928	ng	97
69) Atrazine	16.372	200	908847	40.542	ng	98
70) Pentachlorophenol	16.507	266	1618567	86.044	ng	99
71) Phenanthrene	16.890	178	5055595	46.964	ng	99
72) Anthracene	16.978	178	5310574	48.970	ng	100
73) Carbazole	17.290	167	4976974	48.076	ng	99
74) Di-n-butylphthalate	17.889	149	5742365	48.074	ng	99
75) Fluoranthene	18.989	202	6604806	52.132	ng	99
77) Benzidine	19.254	184	192038	2.275	ng	99
78) Pyrene	19.366	202	6924168	46.708	ng	99
80) Butylbenzylphthalate	20.348	149	2858098	42.592	ng	98
81) Benzo(a)anthracene	21.242	228	7332540	48.295	ng	99
82) 3,3'-Dichlorobenzidine	21.189	252	1416667	22.510	ng	99
83) Chrysene	21.319	228	6810893	48.055	ng	99
84) Bis(2-ethylhexyl)phtha...	21.225	149	4240253	44.192	ng	99
85) Di-n-octyl phthalate	22.407	149	7649044	46.165	ng	99
87) Indeno(1,2,3-cd)pyrene	27.771	276	8965160	41.885	ng	97
88) Benzo(b)fluoranthene	23.366	252	8249297	49.203	ng	100
89) Benzo(k)fluoranthene	23.424	252	7722618	46.658	ng	99
90) Benzo(a)pyrene	24.183	252	7802681	47.699	ng	100
91) Dibenzo(a,h)anthracene	27.860	278	8525404	48.820	ng	99
92) Benzo(g,h,i)perylene	28.854	276	8565205	49.910	ng	97

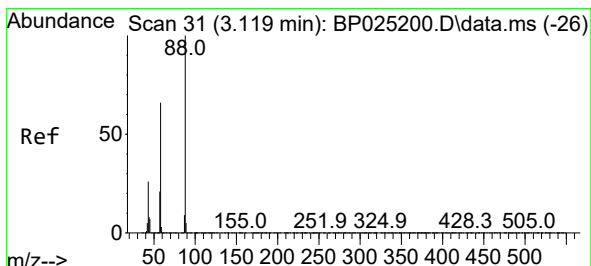
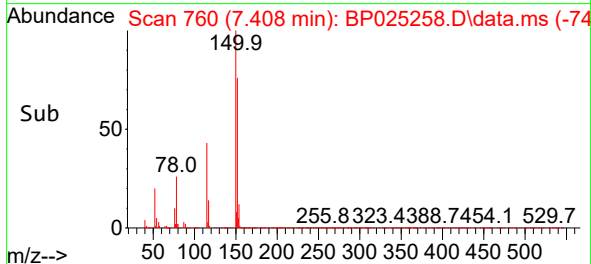
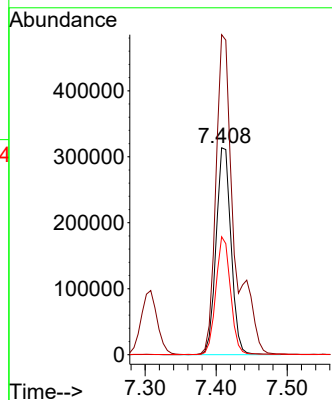
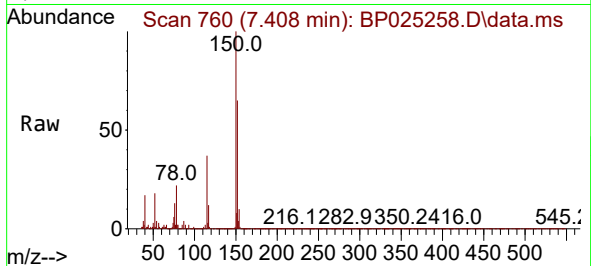
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.408 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP025258.D
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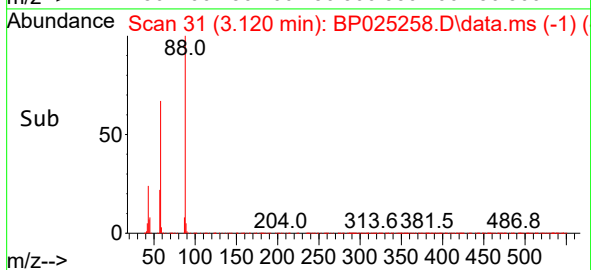
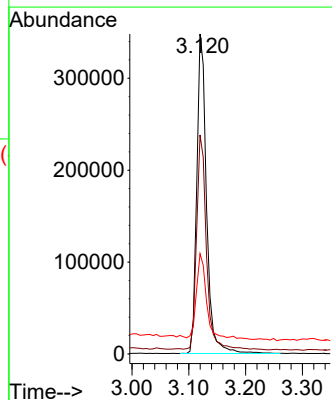
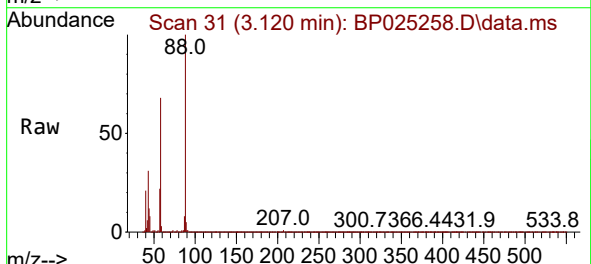
Instrument :
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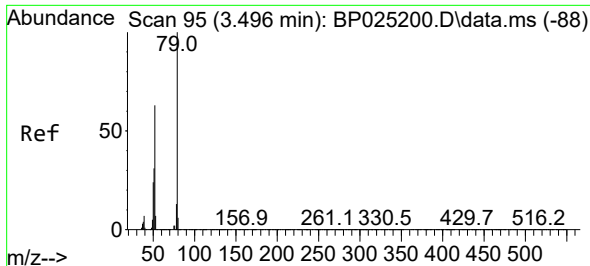
Tgt Ion:152 Resp: 457015
 Ion Ratio Lower Upper
 152 100
 150 154.7 121.9 182.9
 115 57.0 43.0 64.6



#2
 1,4-Dioxane
 Concen: 41.170 ng
 RT: 3.120 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP025258.D
 Acq: 28 Jul 2025 21:47

Tgt Ion: 88 Resp: 417352
 Ion Ratio Lower Upper
 88 100
 58 66.5 53.5 80.3
 43 28.4 20.8 31.2

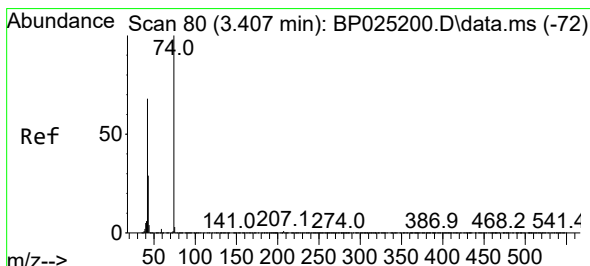
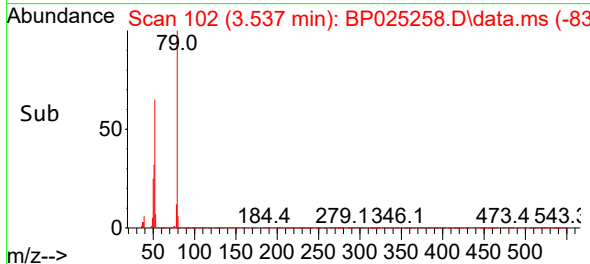
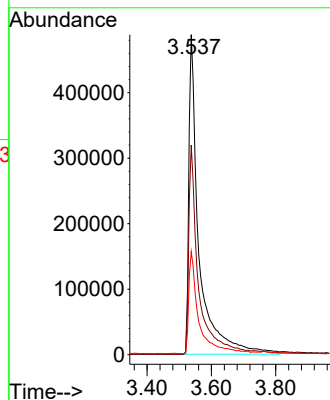
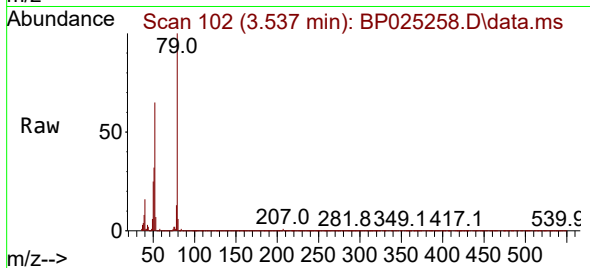




#3
Pyridine
Concen: 39.604 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

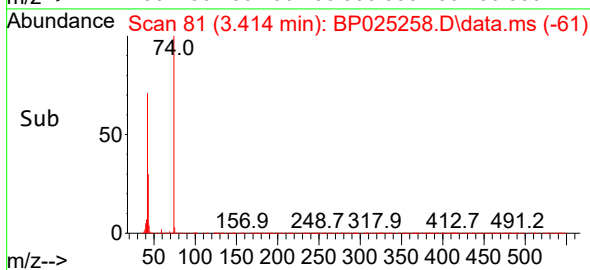
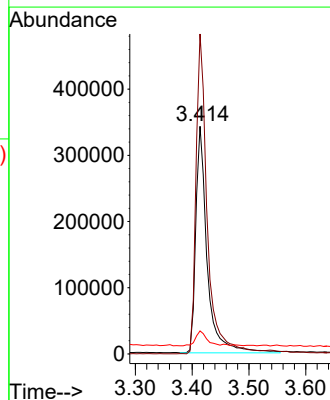
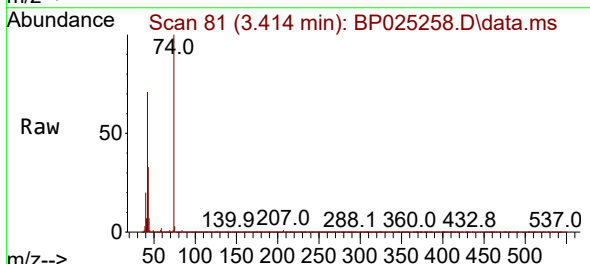
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

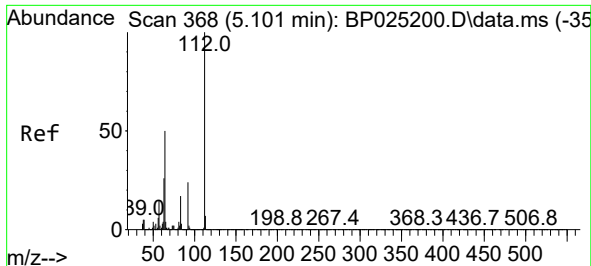
Tgt Ion: 79 Resp: 1074700
Ion Ratio Lower Upper
79 100
52 65.5 50.2 75.4
51 32.2 25.0 37.4



#4
n-Nitrosodimethylamine
Concen: 44.688 ng
RT: 3.414 min Scan# 81
Delta R.T. 0.018 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion: 42 Resp: 480900
Ion Ratio Lower Upper
42 100
74 140.5 118.0 177.0
44 10.1 5.5 8.3

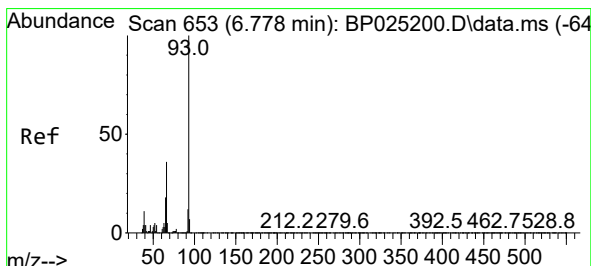
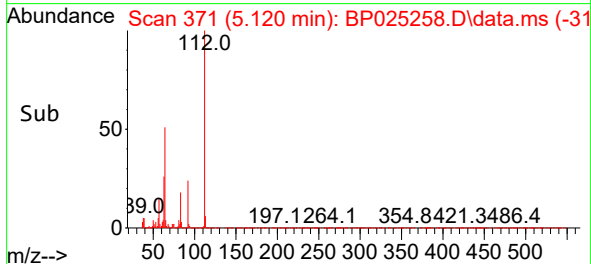
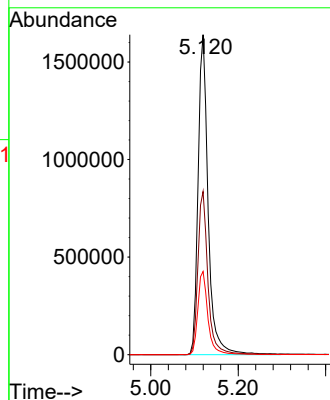
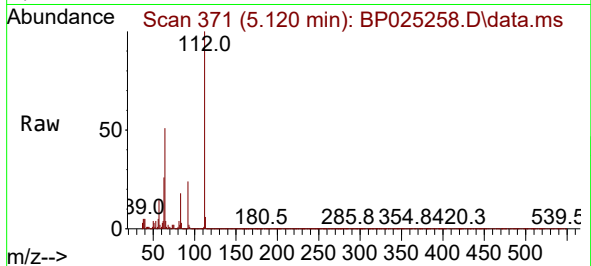




#5
2-Fluorophenol
Concen: 97.140 ng
RT: 5.120 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

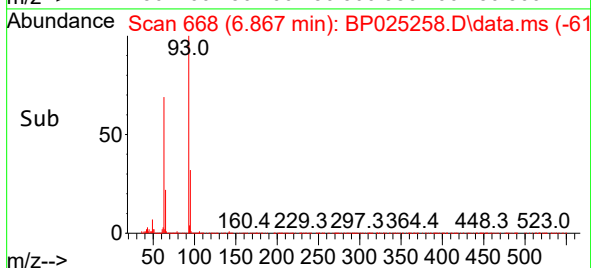
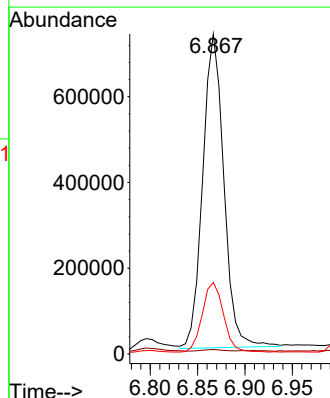
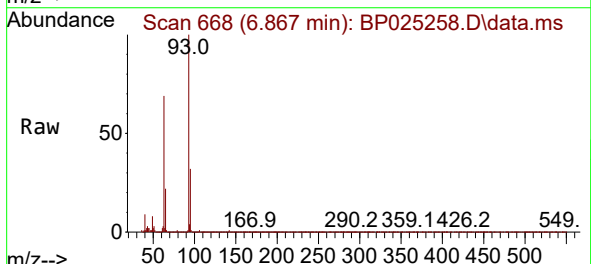
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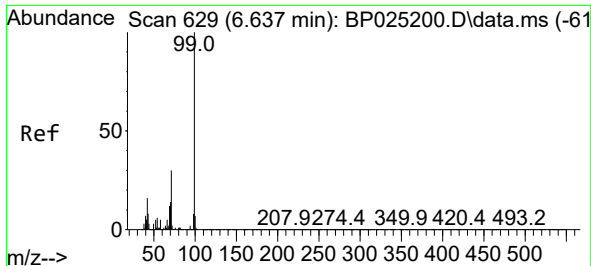
Tgt Ion:112 Resp: 2627442
Ion Ratio Lower Upper
112 100
64 51.0 39.8 59.6
63 26.0 20.5 30.7



#6
Aniline
Concen: 25.976 ng
RT: 6.867 min Scan# 668
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion: 93 Resp: 1137507
Ion Ratio Lower Upper
93 100
66 1.4 28.6 43.0#
65 22.4 14.6 21.8#

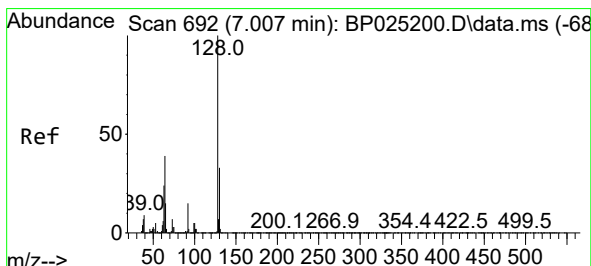
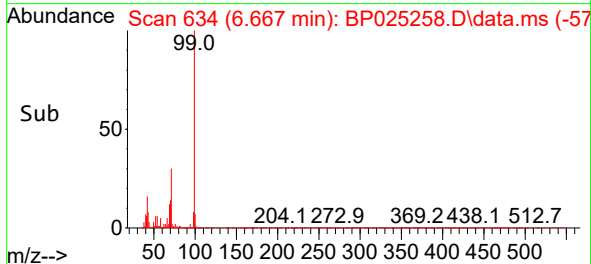
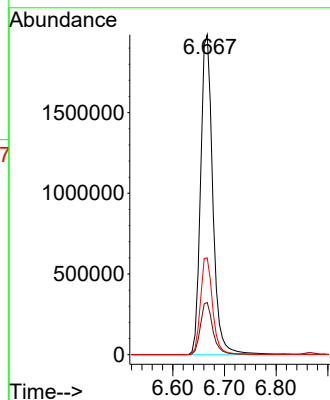
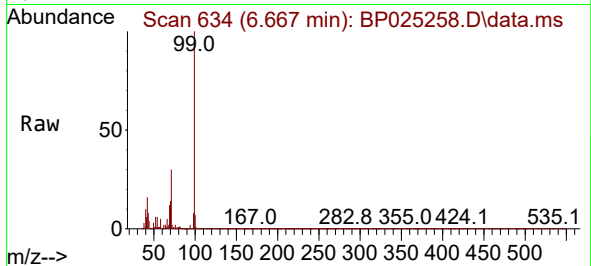




#7
Phenol-d6
Concen: 96.900 ng
RT: 6.667 min Scan# 61
Delta R.T. 0.029 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

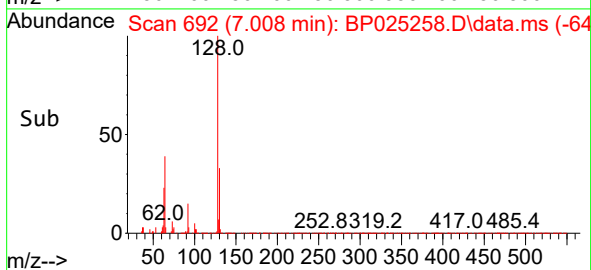
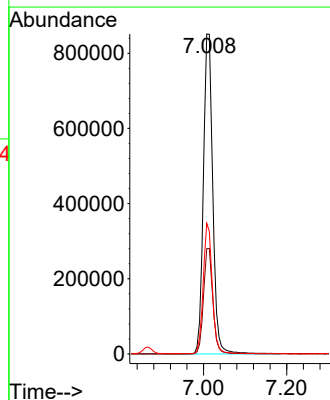
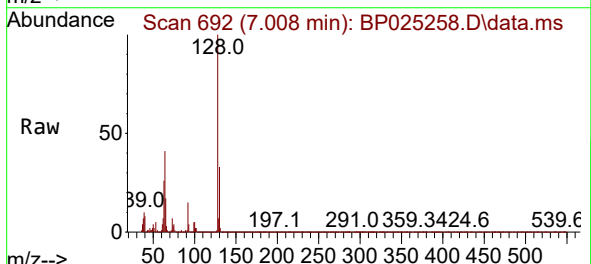
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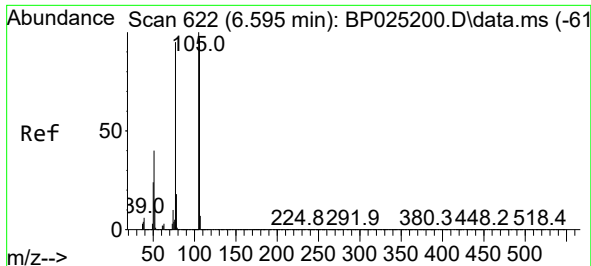
Tgt Ion: 99 Resp: 3246166
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 30.2 24.2 36.2



#8
2-Chlorophenol
Concen: 43.573 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:128 Resp: 1337247
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 40.8 19.2 59.2

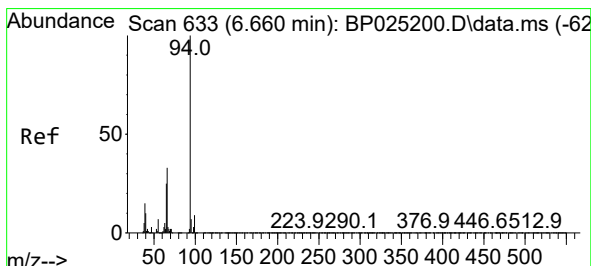
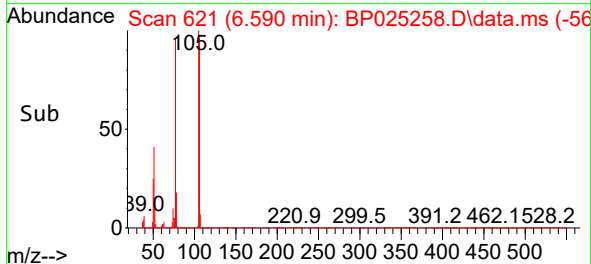
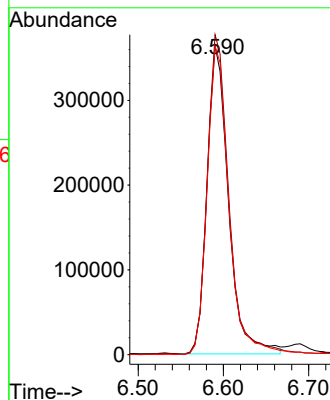
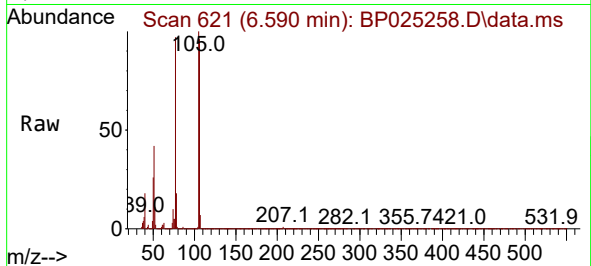




#9
Benzaldehyde
Concen: 28.065 ng
RT: 6.590 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

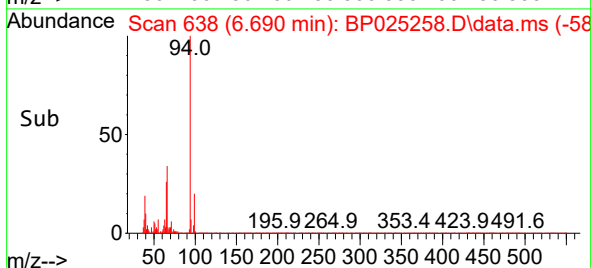
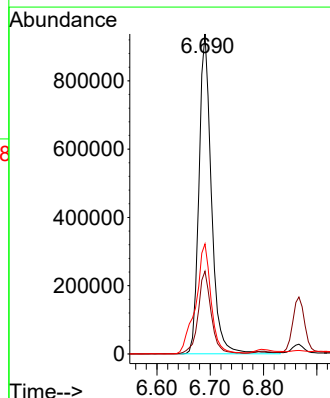
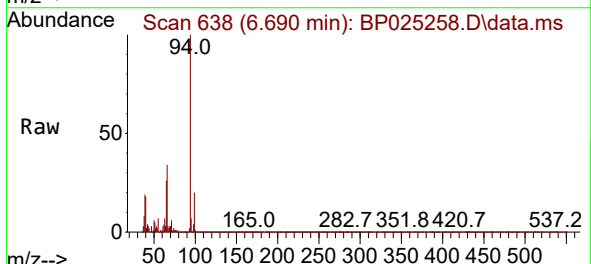
Instrument :
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ClientSampleId :
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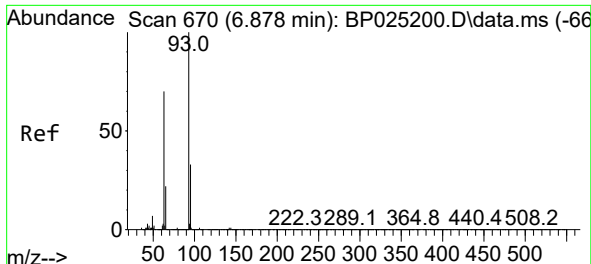
Tgt Ion: 77 Resp: 637447
Ion Ratio Lower Upper
77 100
105 103.5 85.5 125.5
106 99.8 81.9 121.9



#10
Phenol
Concen: 43.947 ng
RT: 6.690 min Scan# 638
Delta R.T. 0.024 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion: 94 Resp: 1526786
Ion Ratio Lower Upper
94 100
65 25.9 5.4 45.4
66 34.4 13.5 53.5

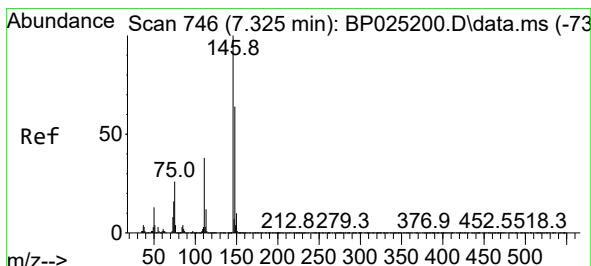
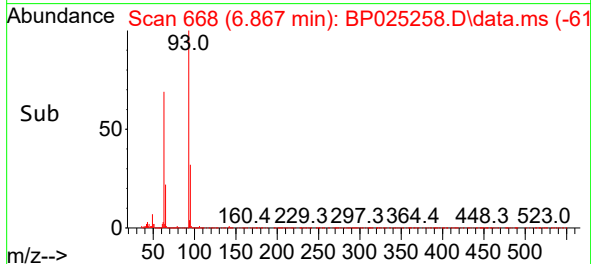
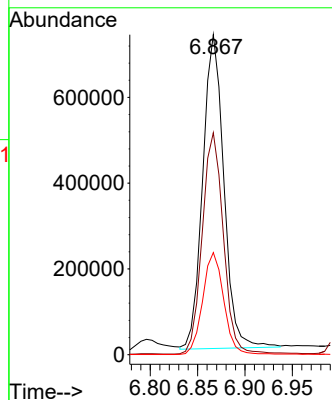
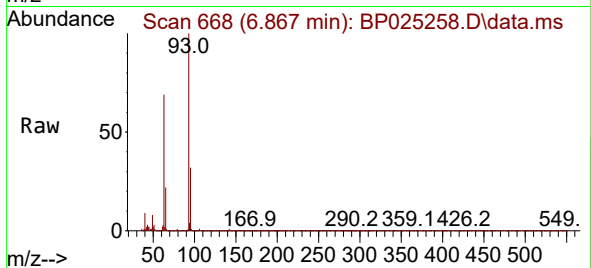




#11
bis(2-Chloroethyl)ether
Concen: 42.707 ng
RT: 6.867 min Scan# 611
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

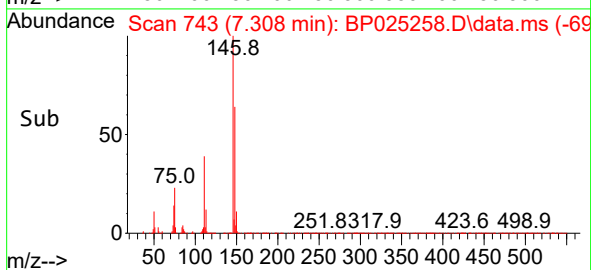
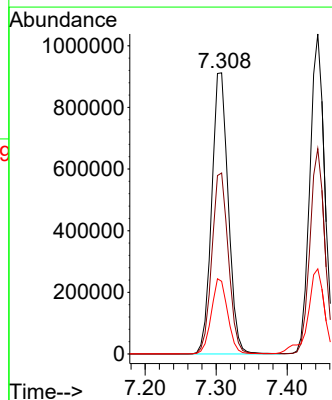
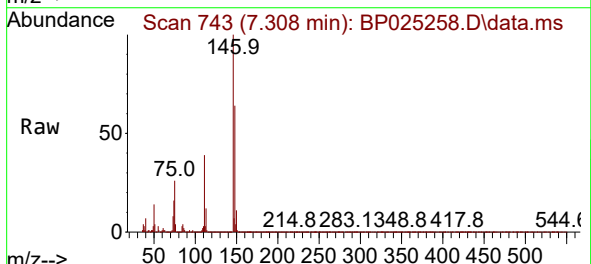
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

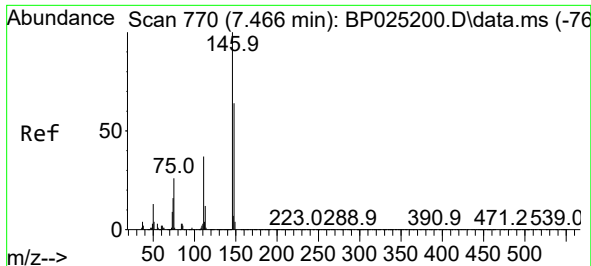
Tgt Ion: 93 Resp: 1137507
Ion Ratio Lower Upper
93 100
63 69.4 50.0 90.0
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.746 ng
RT: 7.308 min Scan# 743
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:146 Resp: 1475264
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 25.9 20.6 31.0

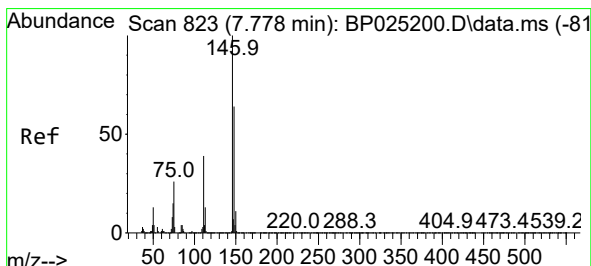
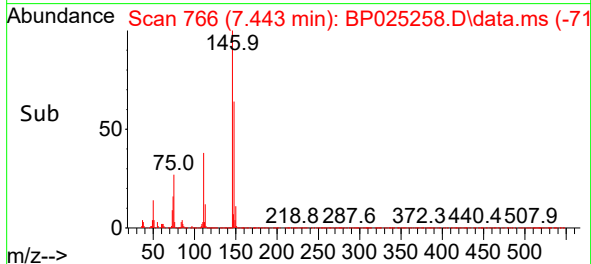
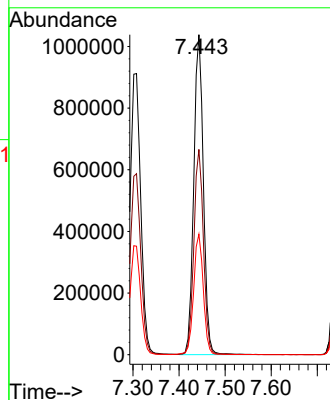
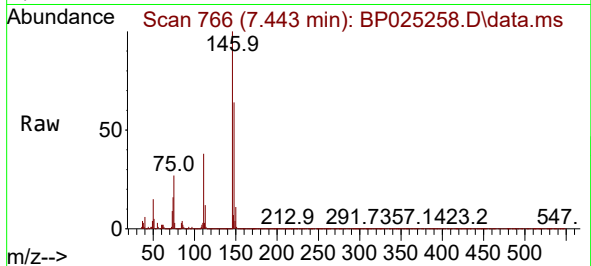




#13
1,4-Dichlorobenzene
Concen: 42.998 ng
RT: 7.443 min Scan# 70
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

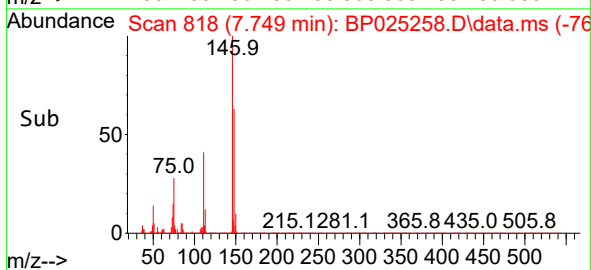
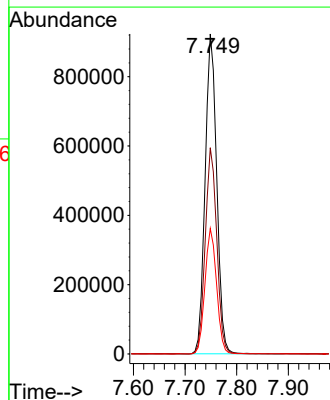
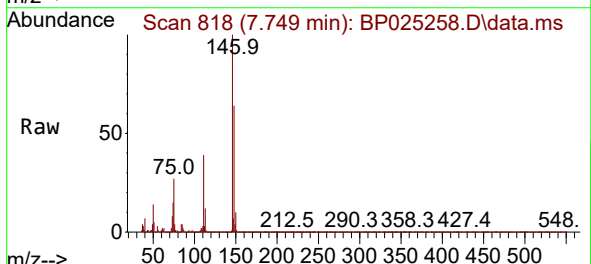
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

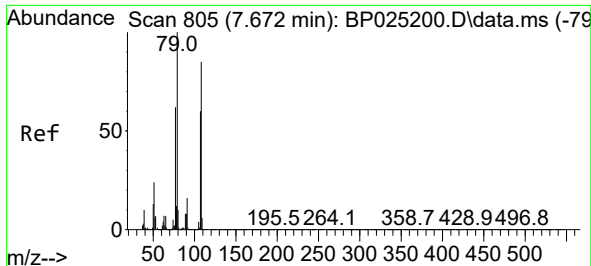
Tgt Ion:146 Resp: 1497898
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 37.6 29.9 44.9



#14
1,2-Dichlorobenzene
Concen: 42.921 ng
RT: 7.749 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:146 Resp: 1438388
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 39.2 31.3 46.9

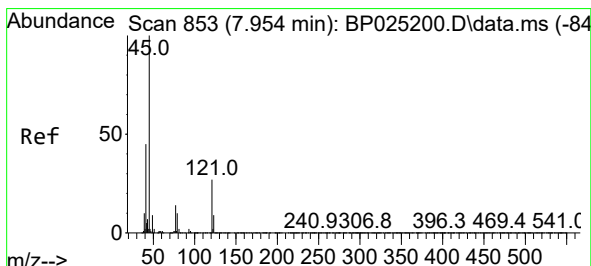
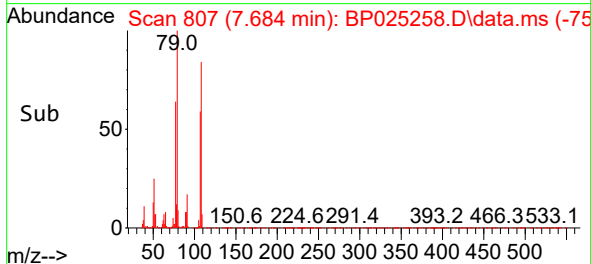
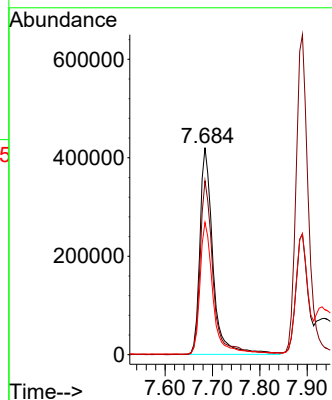
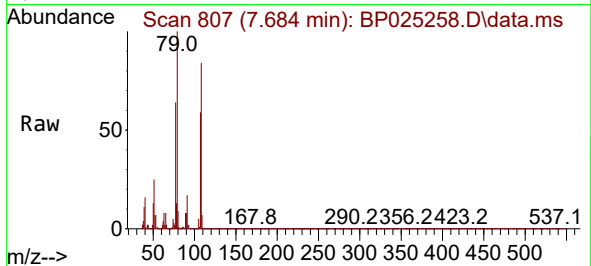




#15
Benzyl Alcohol
Concen: 33.201 ng
RT: 7.684 min Scan# 805
Delta R.T. 0.029 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

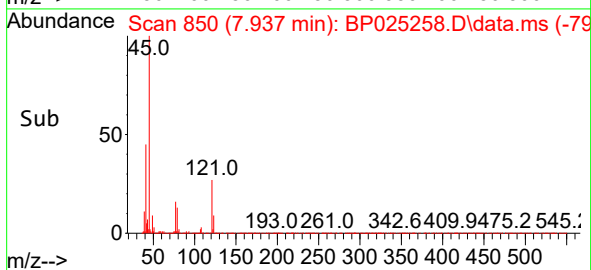
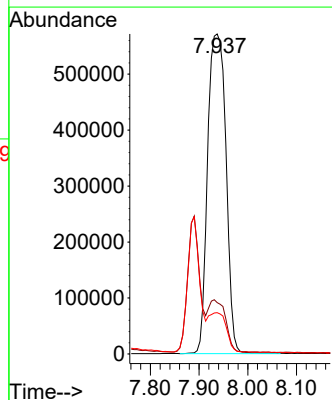
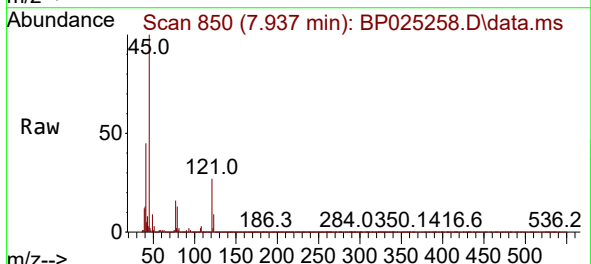
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

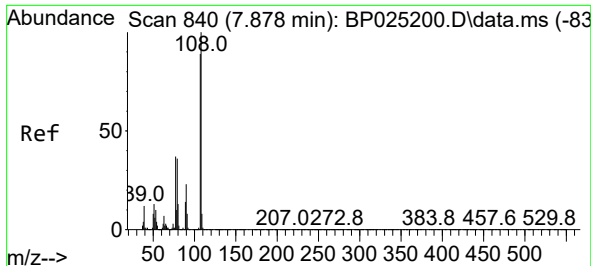
Tgt Ion: 79 Resp: 802281
Ion Ratio Lower Upper
79 100
108 84.0 67.8 101.6
77 64.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.698 ng
RT: 7.937 min Scan# 850
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion: 45 Resp: 1489227
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.0
79 12.9 0.0 31.7



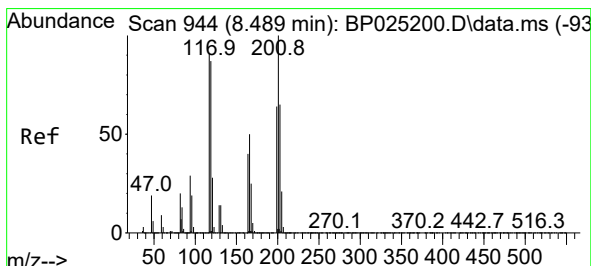
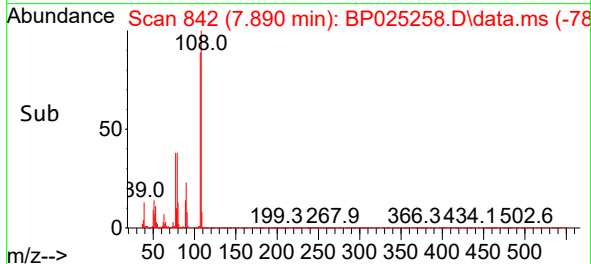
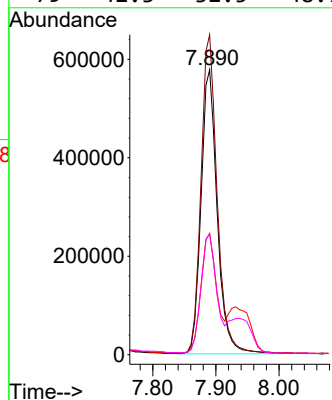
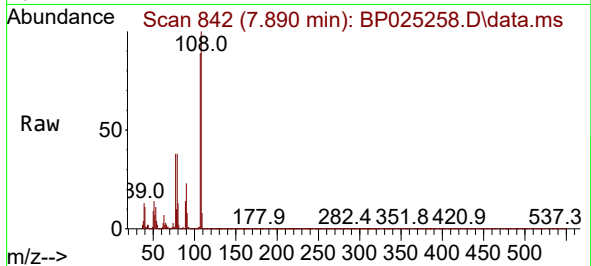


#17
2-Methylphenol
Concen: 42.484 ng
RT: 7.890 min Scan# 840
Delta R.T. 0.024 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

Tgt Ion:107 Resp: 1023268

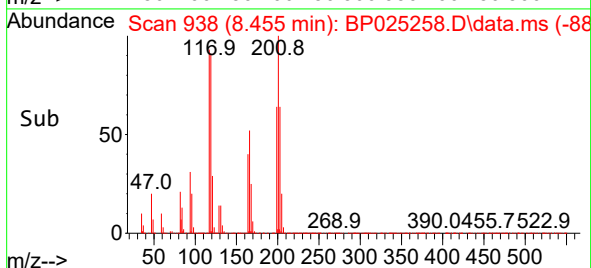
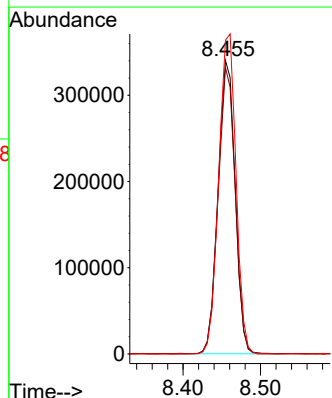
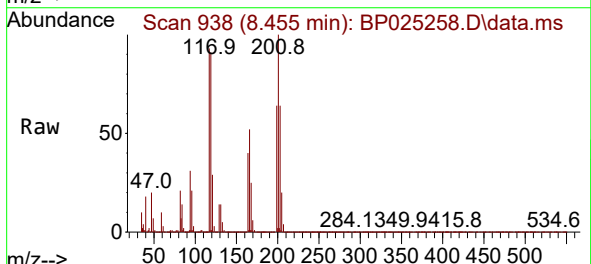
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.8
77	42.5	33.2	49.8
79	42.3	32.5	48.7

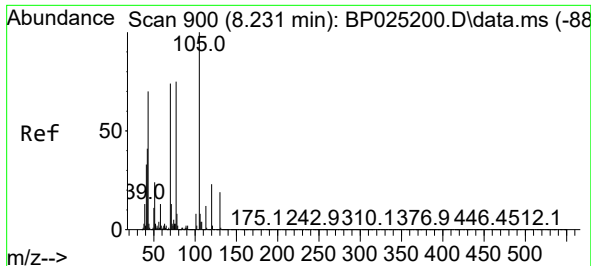


#18
Hexachloroethane
Concen: 43.684 ng
RT: 8.455 min Scan# 938
Delta R.T. -0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:117 Resp: 523336

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.6
201	107.0	88.3	132.5

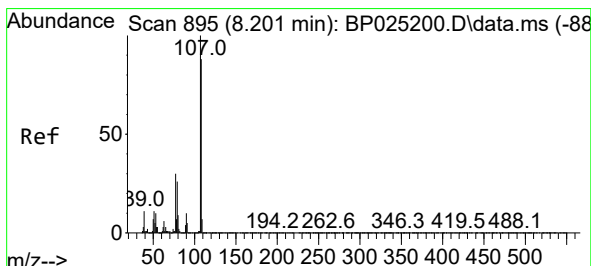
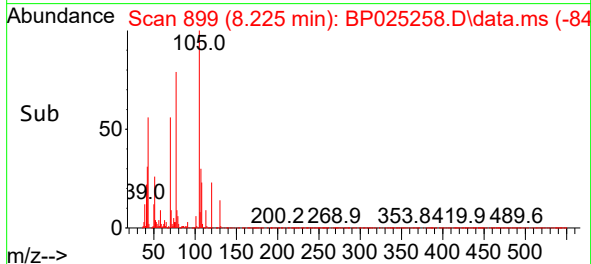
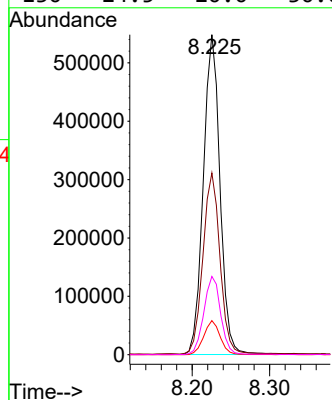
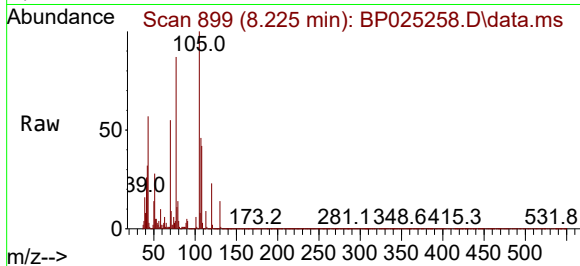




#19
n-Nitroso-di-n-propylamine
Concen: 40.656 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.018 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

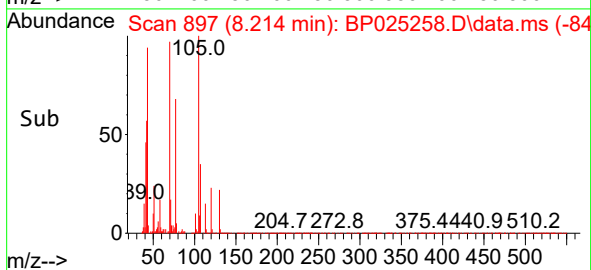
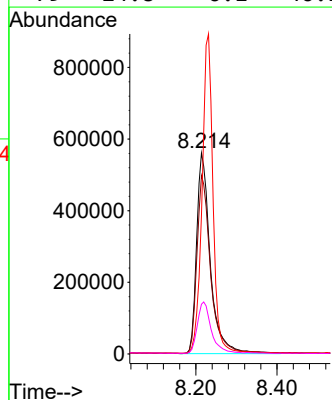
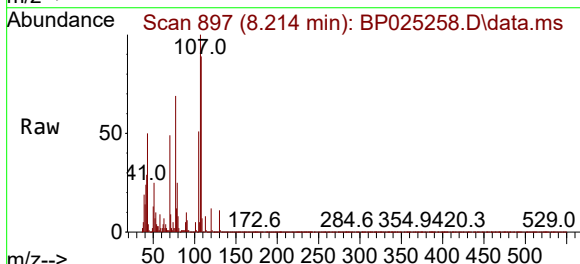
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

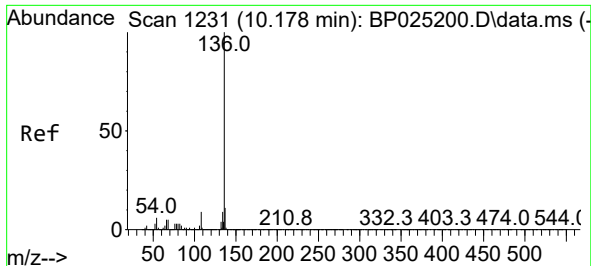
Tgt Ion: 70 Resp: 819343
Ion Ratio Lower Upper
70 100
42 56.8 44.2 66.2
101 10.7 8.6 12.8
130 24.5 20.0 30.0



#20
3+4-Methylphenols
Concen: 40.244 ng
RT: 8.214 min Scan# 897
Delta R.T. 0.018 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion: 107 Resp: 1322193
Ion Ratio Lower Upper
107 100
108 88.7 67.8 107.8
77 69.3 10.3 50.3#
79 24.8 6.1 46.1

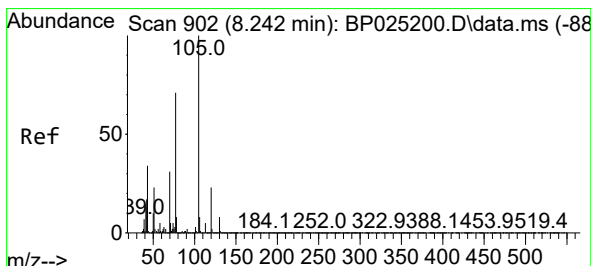
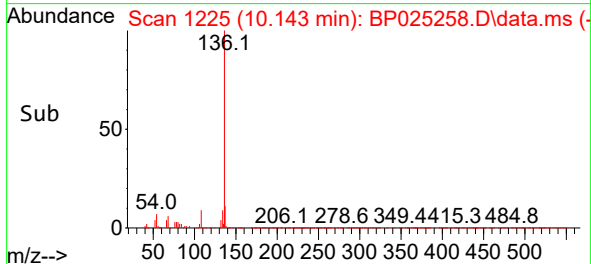
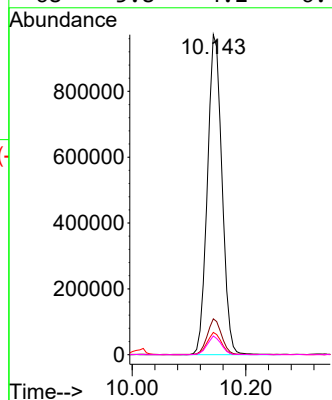
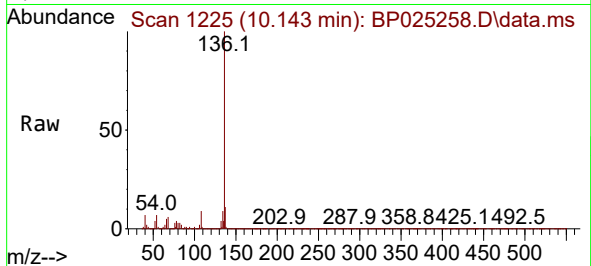




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.143 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

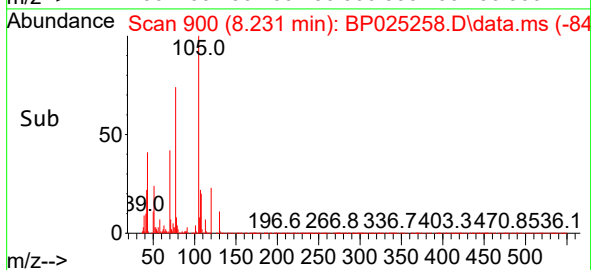
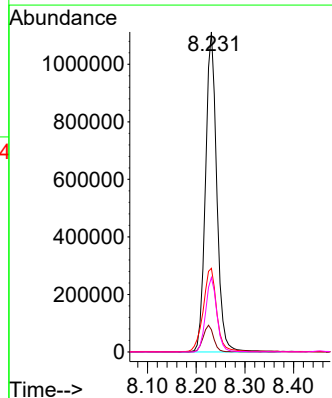
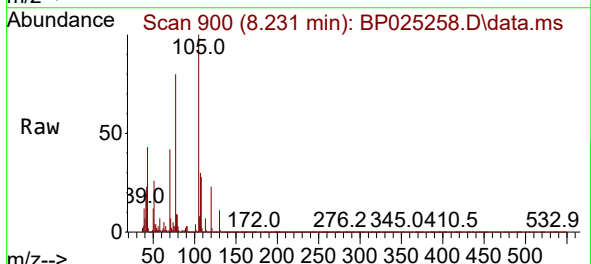
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

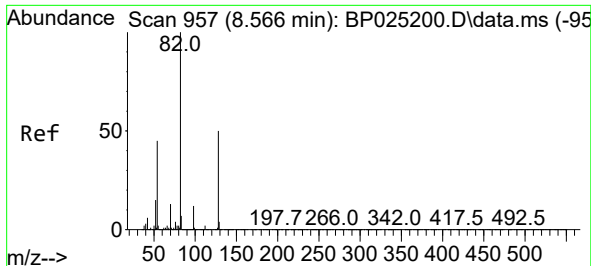
Tgt Ion:136 Resp: 1722419
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.9 5.1 7.7
68 5.8 4.2 6.4



#22
Acetophenone
Concen: 44.533 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.018 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:105 Resp: 1784876
Ion Ratio Lower Upper
105 100
71 7.0 4.1 6.1#
51 26.2 18.5 27.7
120 23.2 18.6 28.0

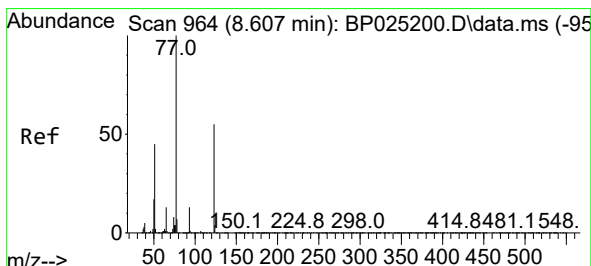
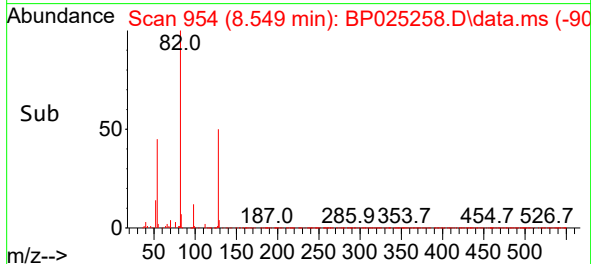
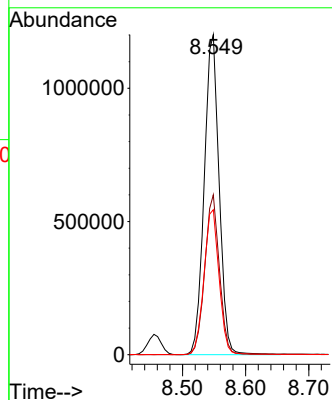
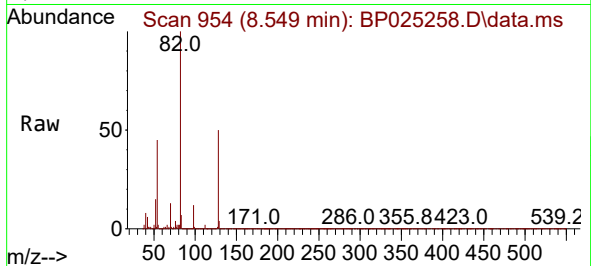




#23
Nitrobenzene-d5
Concen: 63.741 ng
RT: 8.549 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

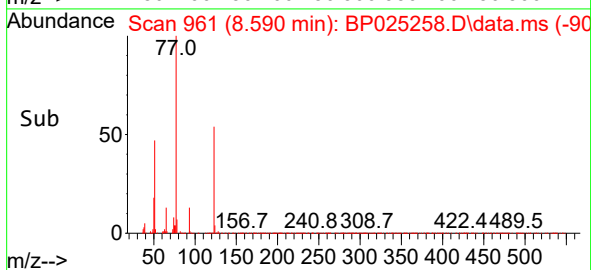
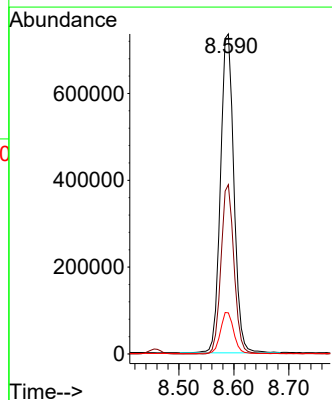
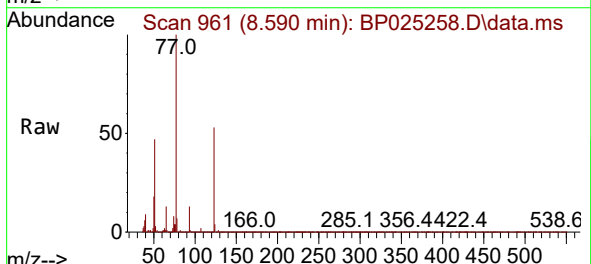
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

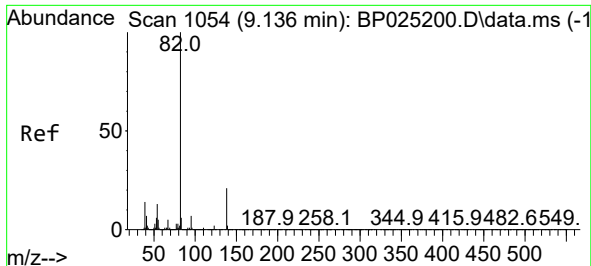
Tgt Ion: 82 Resp: 1975582
Ion Ratio Lower Upper
82 100
128 49.9 40.2 60.4
54 45.3 36.3 54.5



#24
Nitrobenzene
Concen: 45.135 ng
RT: 8.590 min Scan# 961
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion: 77 Resp: 1247003
Ion Ratio Lower Upper
77 100
123 52.9 43.6 65.4
65 12.8 10.2 15.2

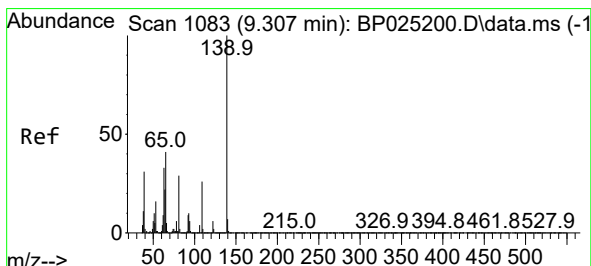
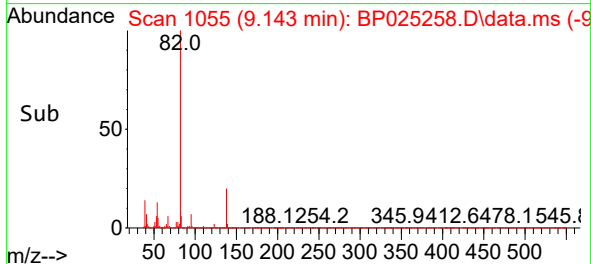
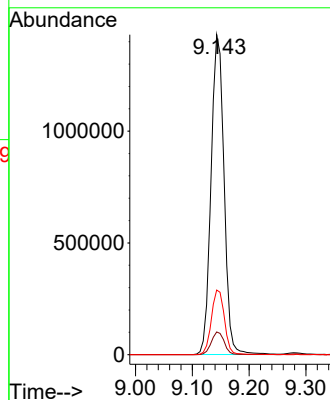
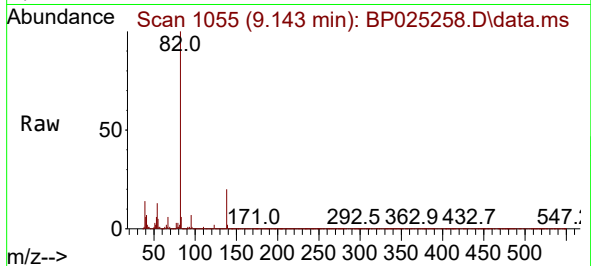




#25
Isophorone
Concen: 41.645 ng
RT: 9.143 min Scan# 1054
Delta R.T. 0.035 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

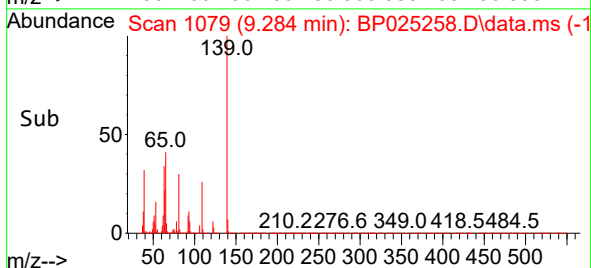
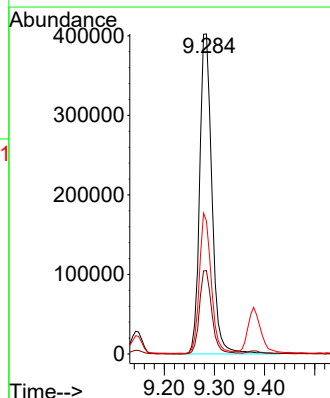
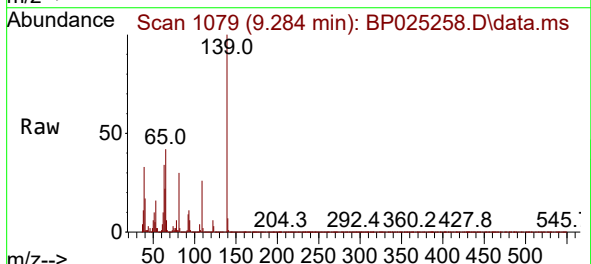
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

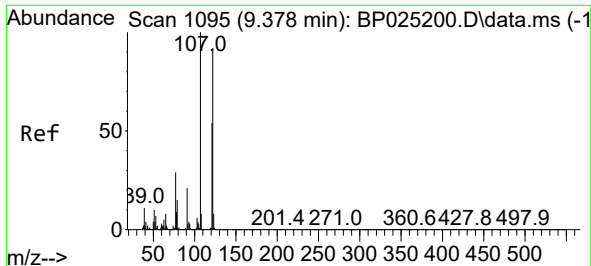
Tgt Ion: 82 Resp: 2269784
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 20.2 16.6 25.0



#26
2-Nitrophenol
Concen: 43.076 ng
RT: 9.284 min Scan# 1079
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:139 Resp: 683426
Ion Ratio Lower Upper
139 100
109 26.1 21.0 31.6
65 41.6 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 43.535 ng

RT: 9.378 min Scan# 1095

Delta R.T. 0.012 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

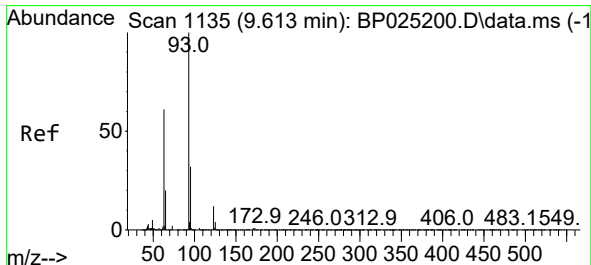
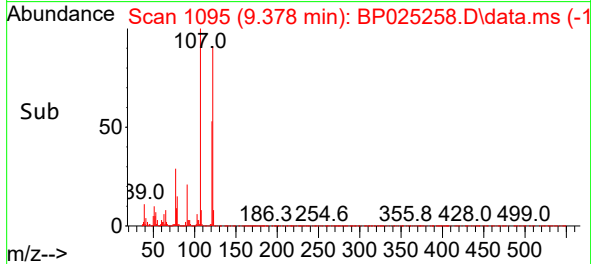
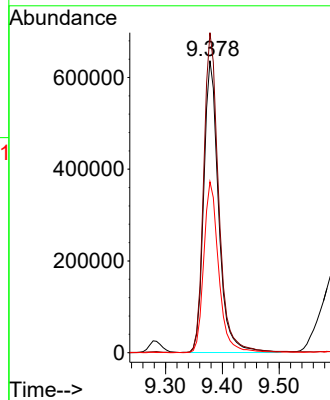
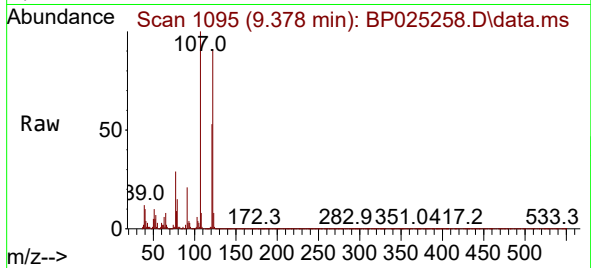
Tgt Ion:122 Resp: 1155768

Ion Ratio Lower Upper

122 100

107 109.6 87.0 130.4

121 58.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.962 ng

RT: 9.590 min Scan# 1131

Delta R.T. 0.012 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

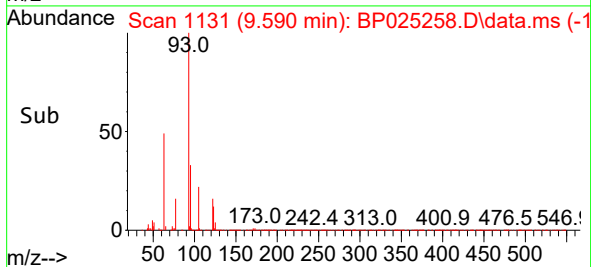
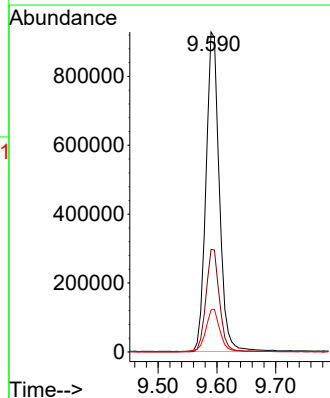
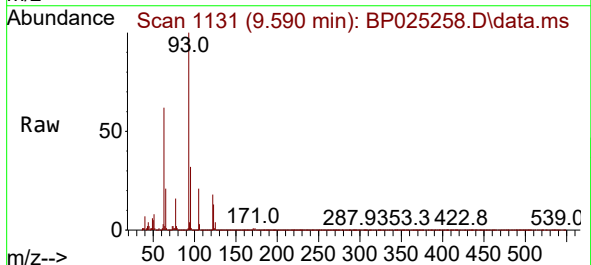
Tgt Ion: 93 Resp: 1464637

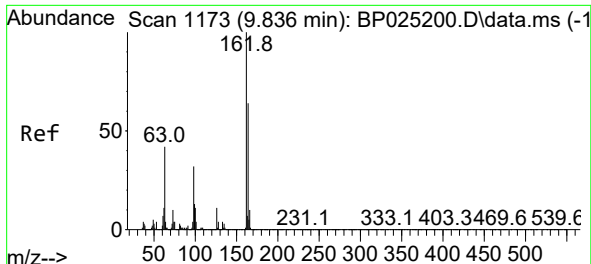
Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

123 13.1 9.8 14.6

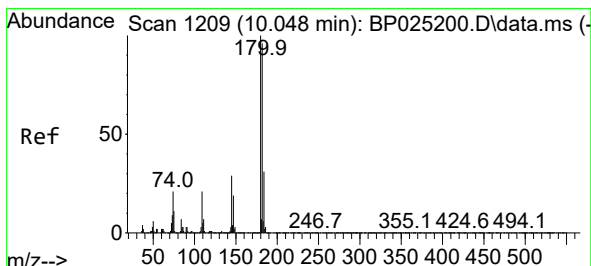
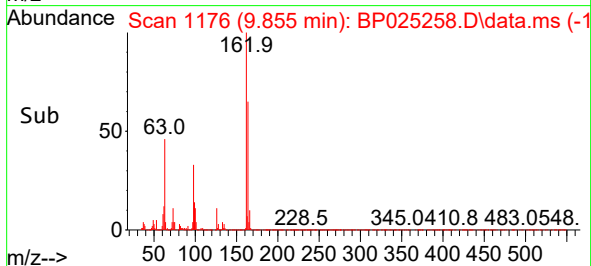
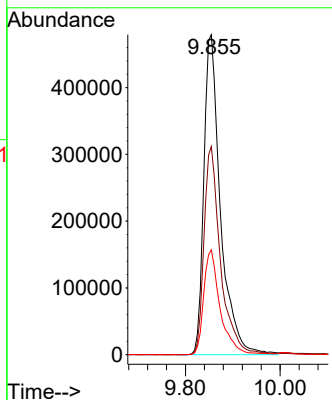
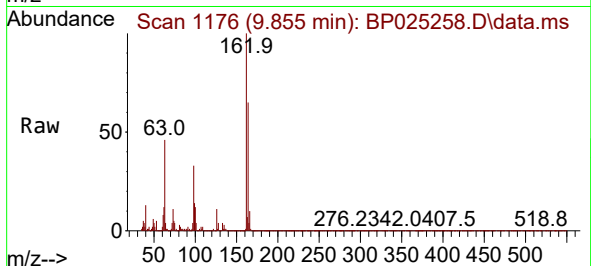




#29
2,4-Dichlorophenol
Concen: 42.922 ng
RT: 9.855 min Scan# 1173
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

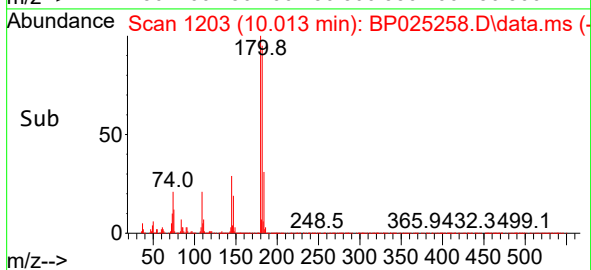
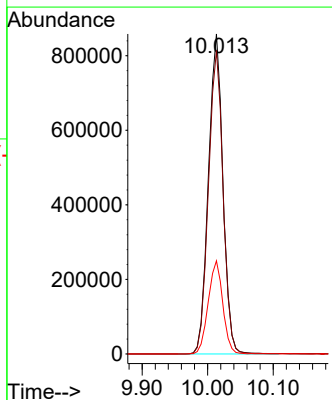
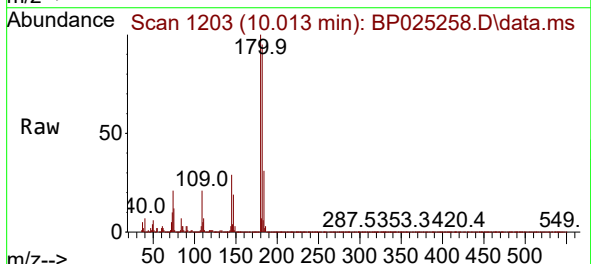
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

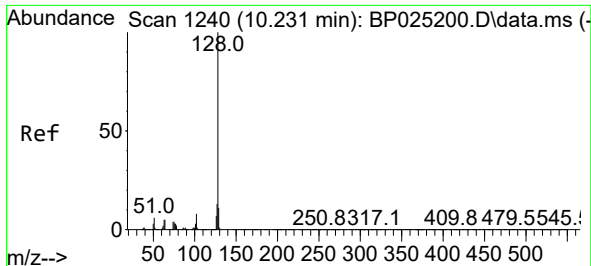
Tgt Ion:162 Resp: 1170684
Ion Ratio Lower Upper
162 100
164 65.1 44.2 84.2
98 32.8 11.7 51.7



#30
1,2,4-Trichlorobenzene
Concen: 44.326 ng
RT: 10.013 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:180 Resp: 1320486
Ion Ratio Lower Upper
180 100
182 94.8 76.7 115.1
145 29.1 23.5 35.3

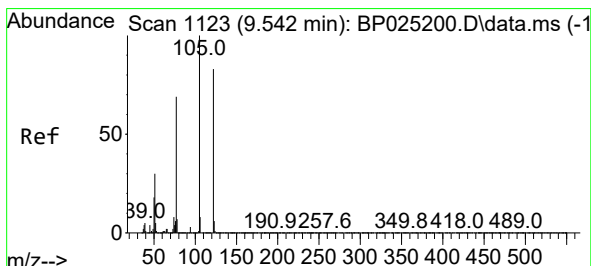
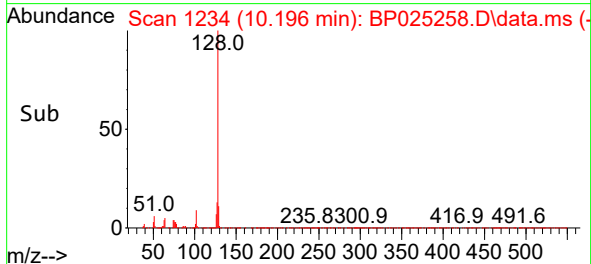
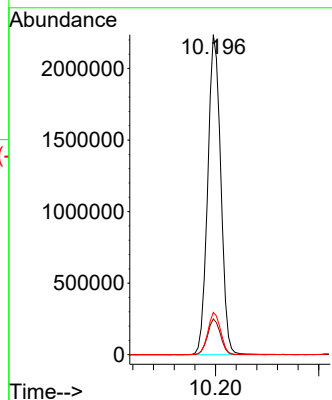
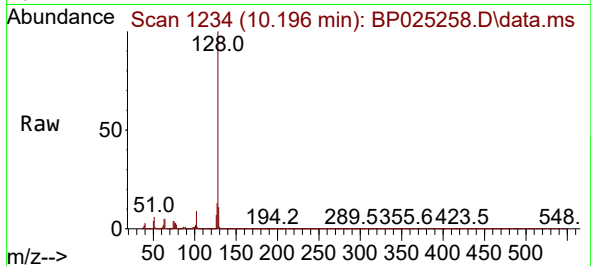




#31
Naphthalene
Concen: 44.299 ng
RT: 10.196 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

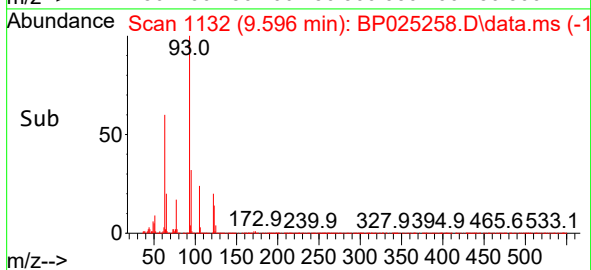
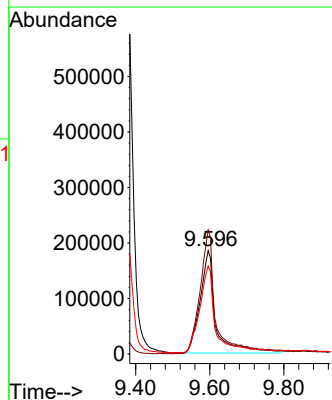
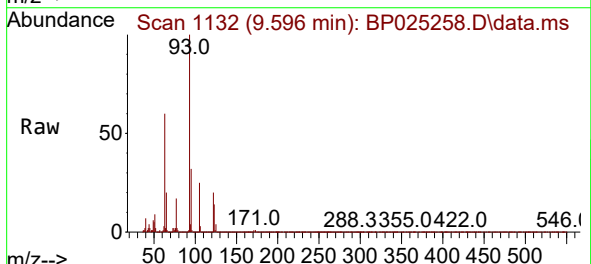
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

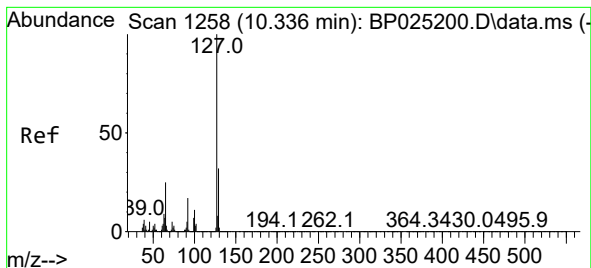
Tgt Ion:128 Resp: 3904485
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 26.815 ng
RT: 9.596 min Scan# 1132
Delta R.T. 0.053 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:122 Resp: 543471
Ion Ratio Lower Upper
122 100
105 120.0 98.1 138.1
77 85.2 62.7 102.7





#33

4-Chloroaniline

Concen: 2.293 ng

RT: 10.490 min Scan# 1284

Delta R.T. 0.059 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

Tgt Ion:127 Resp: 88841

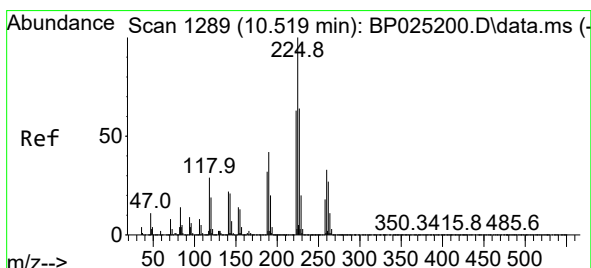
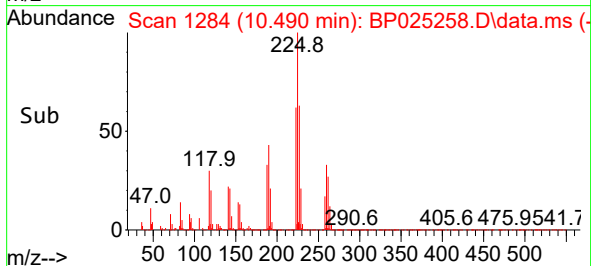
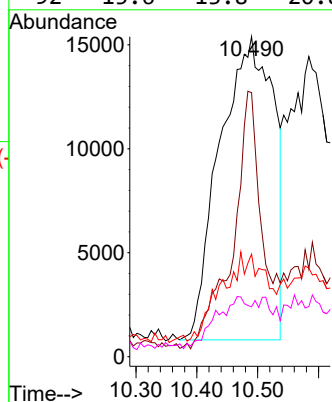
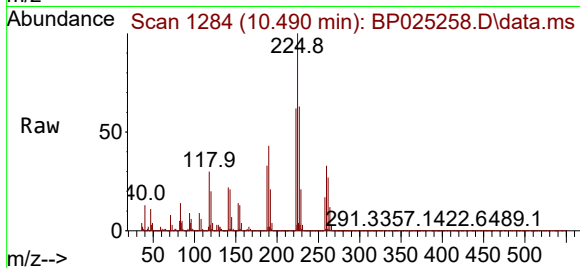
Ion Ratio Lower Upper

127 100

129 82.5 25.9 38.9#

65 32.0 20.2 30.4#

92 15.6 13.8 20.8



#34

Hexachlorobutadiene

Concen: 44.377 ng

RT: 10.490 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

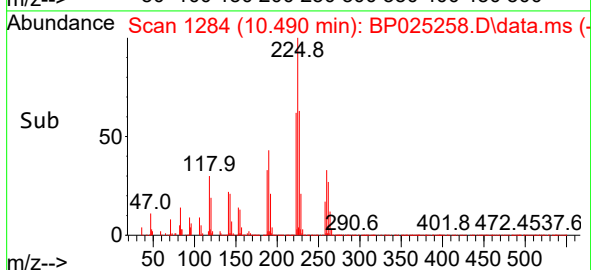
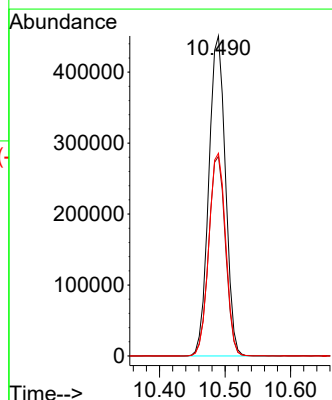
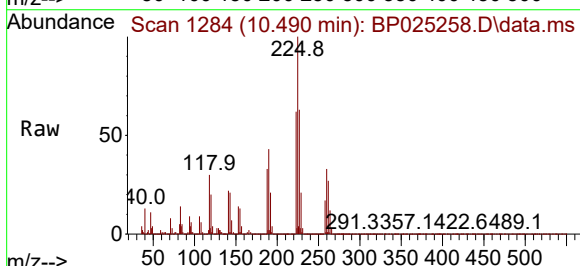
Tgt Ion:225 Resp: 795685

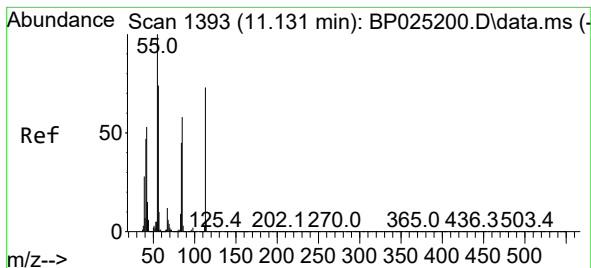
Ion Ratio Lower Upper

225 100

223 62.4 50.1 75.1

227 63.3 51.4 77.0

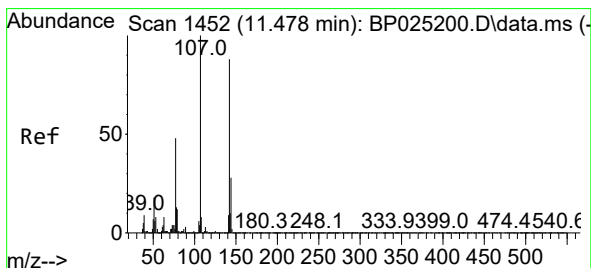
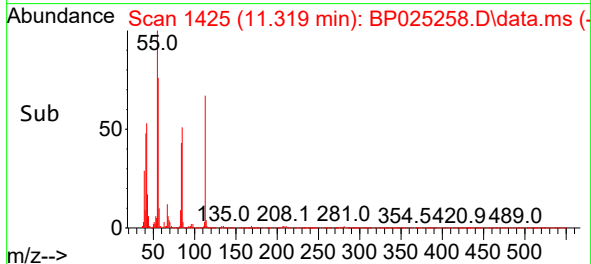
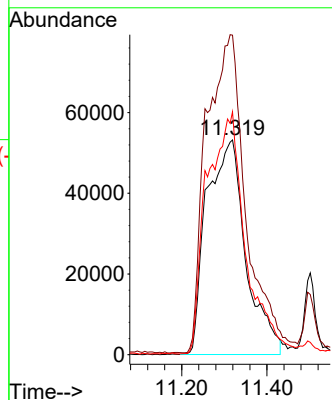
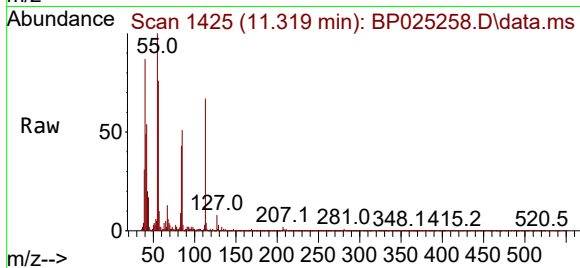




#35
Caprolactam
Concen: 37.418 ng
RT: 11.319 min Scan# 1411
Delta R.T. 0.159 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

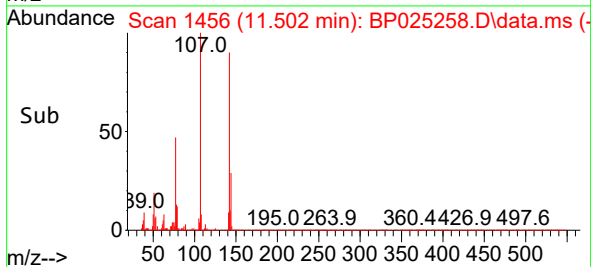
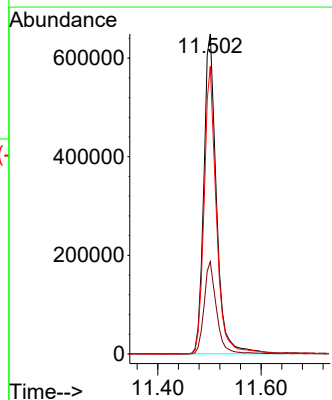
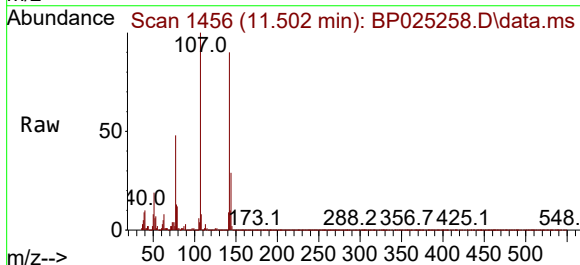
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

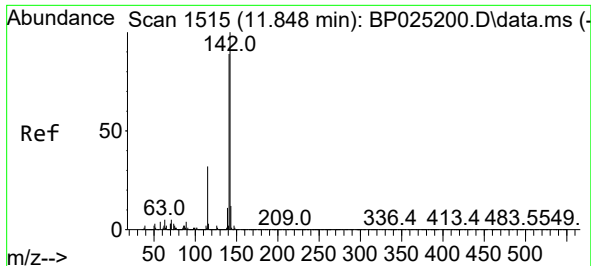
Tgt Ion:113 Resp: 338708
Ion Ratio Lower Upper
113 100
55 148.9 117.6 157.6
56 113.2 82.4 122.4



#36
4-Chloro-3-methylphenol
Concen: 40.407 ng
RT: 11.502 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:107 Resp: 1101692
Ion Ratio Lower Upper
107 100
144 28.9 22.5 33.7
142 89.9 70.6 105.8

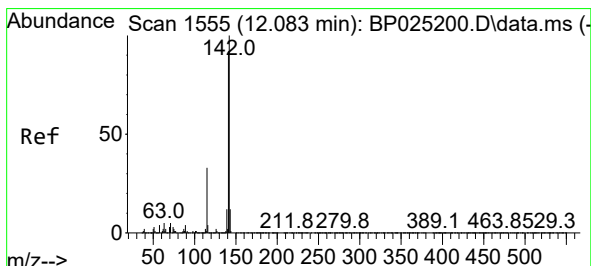
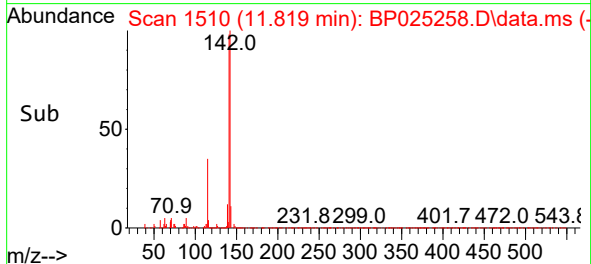
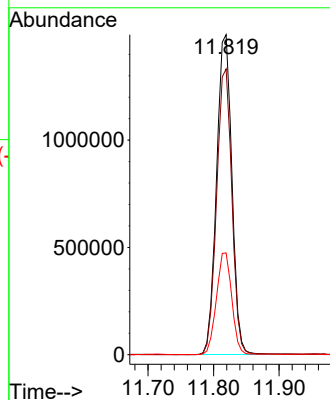
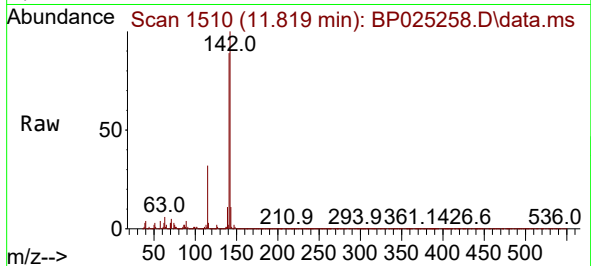




#37
2-Methylnaphthalene
Concen: 42.184 ng
RT: 11.819 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

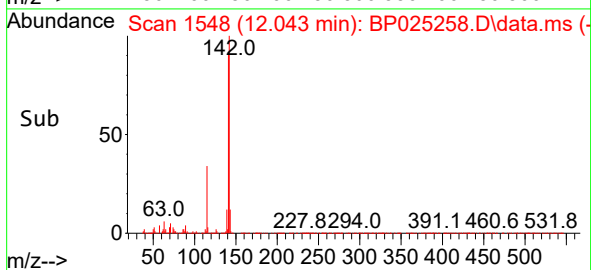
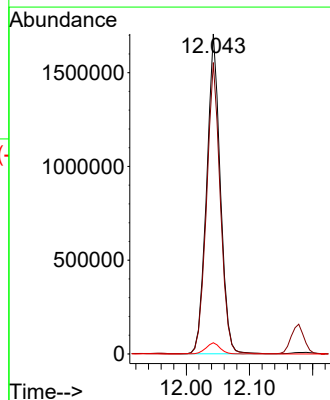
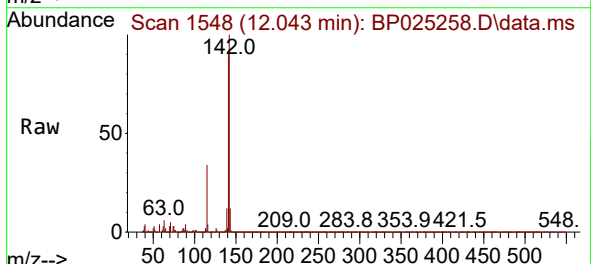
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

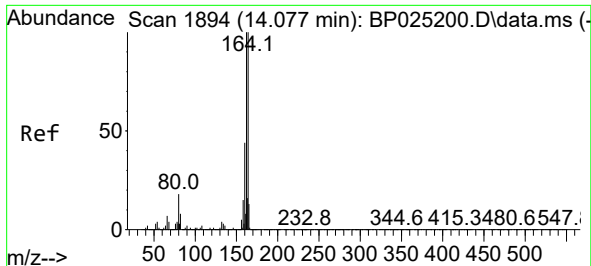
Tgt Ion:142 Resp: 2414256
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 31.8 25.3 37.9



#38
1-Methylnaphthalene
Concen: 42.760 ng
RT: 12.043 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:142 Resp: 2570704
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.8
116 3.5 2.8 4.2

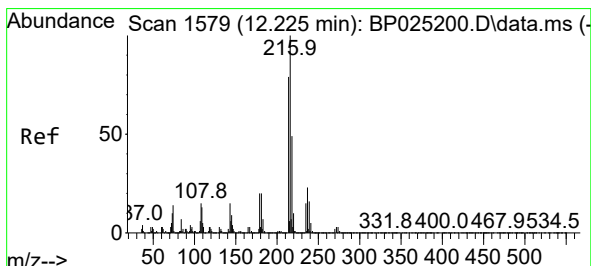
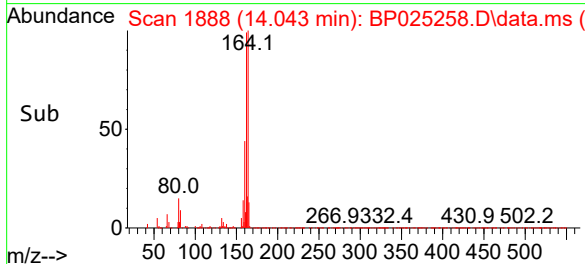
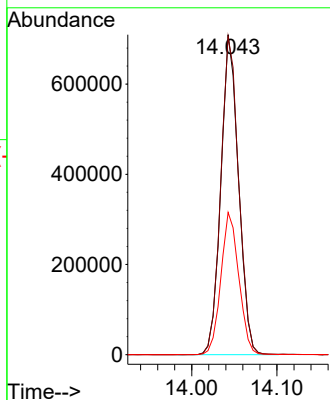
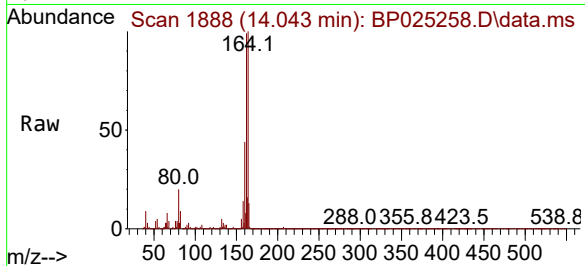




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.043 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

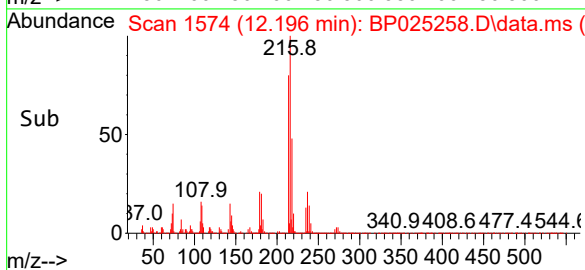
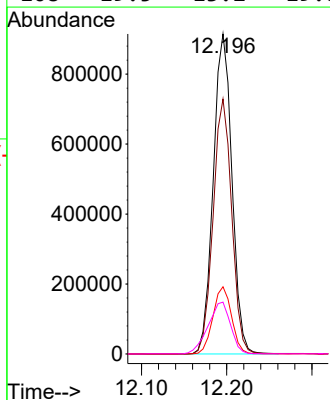
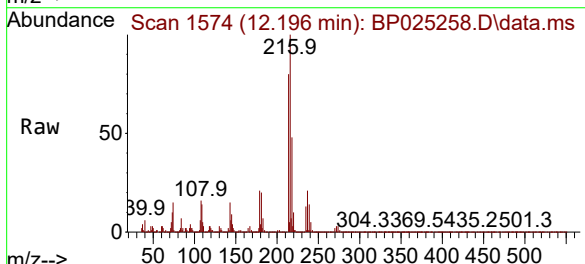
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

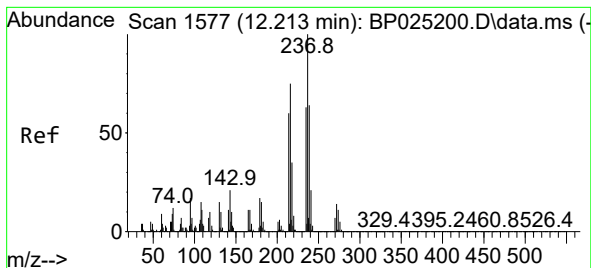
Tgt Ion:164 Resp: 1018655
Ion Ratio Lower Upper
164 100
162 99.4 80.3 120.5
160 44.5 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.831 ng
RT: 12.196 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:216 Resp: 1399421
Ion Ratio Lower Upper
216 100
214 79.1 62.7 94.1
179 20.9 16.2 24.4
108 19.5 13.2 19.8

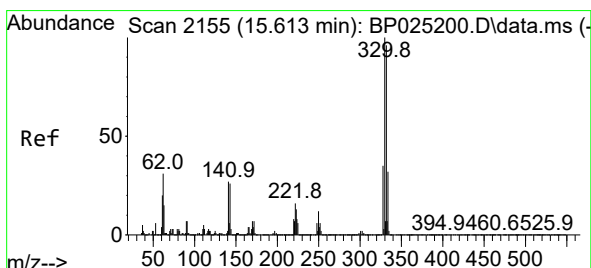
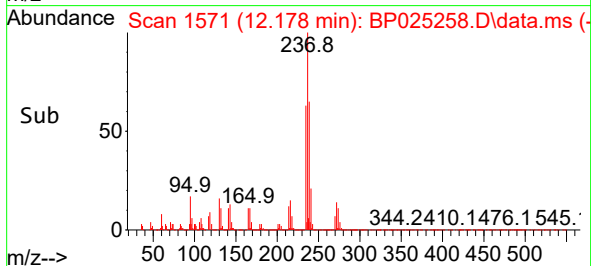
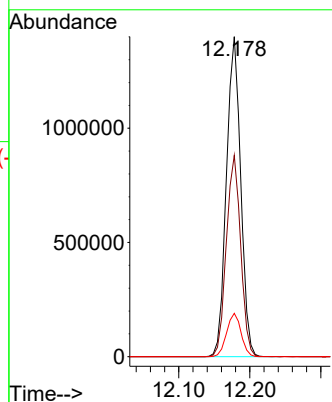
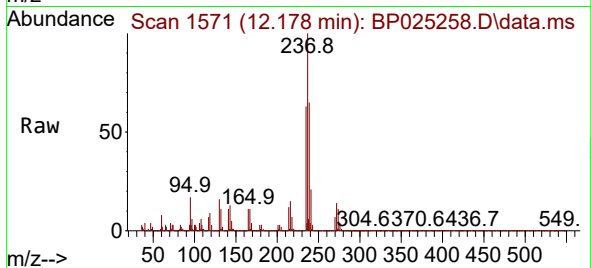




#41
Hexachlorocyclopentadiene
Concen: 106.991 ng
RT: 12.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

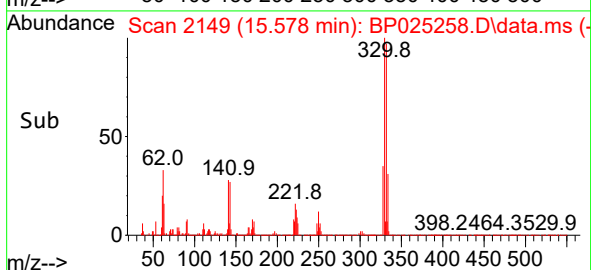
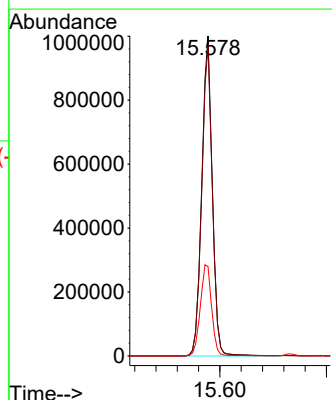
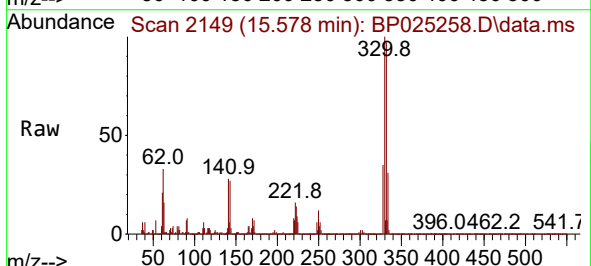
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BNA_P
ClientSampleId :
ETGI-361MSD

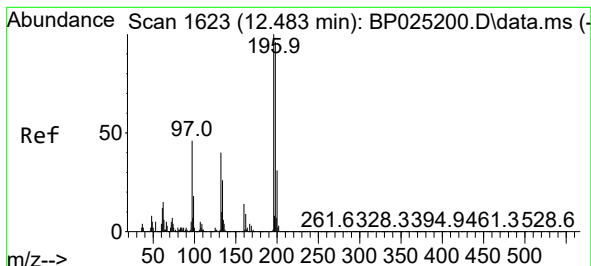
Tgt Ion:237 Resp: 1950142
Ion Ratio Lower Upper
237 100
235 62.9 42.7 82.7
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 91.647 ng
RT: 15.578 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:330 Resp: 1376280
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 30.4 22.4 33.6





#43

2,4,6-Trichlorophenol

Concen: 43.832 ng

RT: 12.472 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

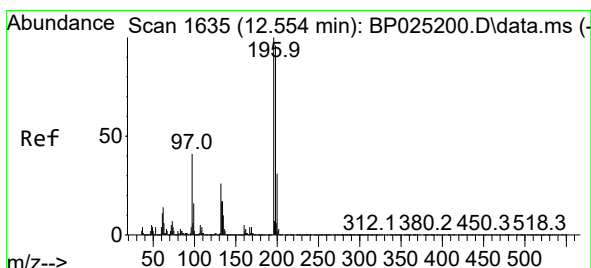
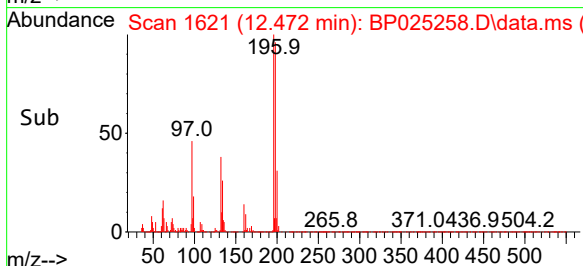
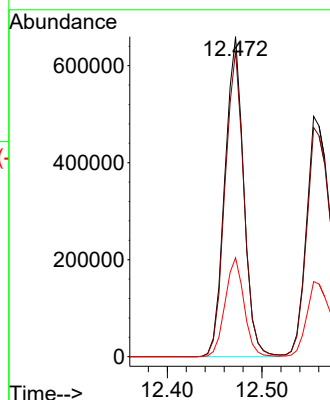
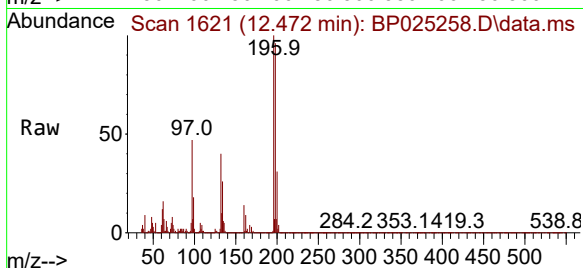
Tgt Ion:196 Resp: 914466

Ion Ratio Lower Upper

196 100

198 95.6 76.6 114.8

200 30.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 43.356 ng

RT: 12.554 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Tgt Ion:196 Resp: 995411

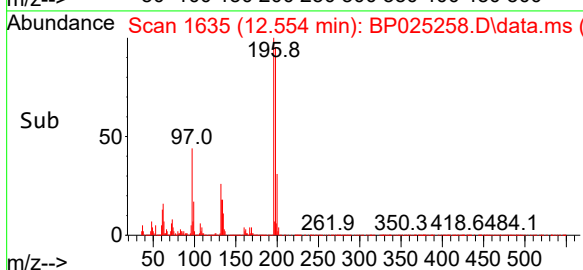
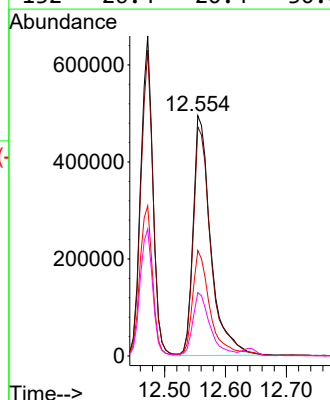
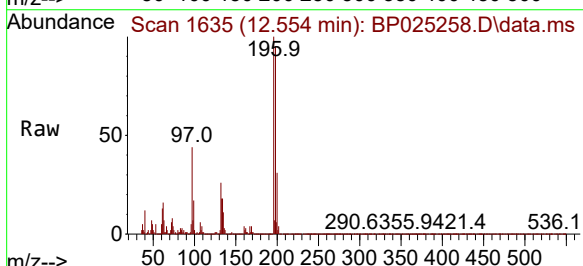
Ion Ratio Lower Upper

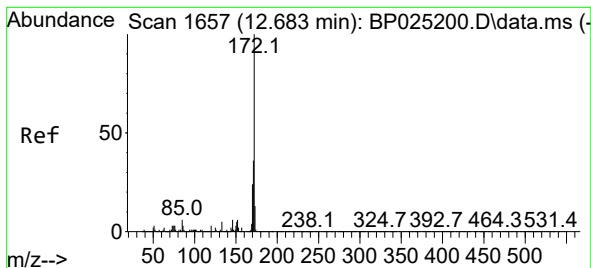
196 100

198 95.4 76.7 115.1

97 43.9 33.0 49.4

132 26.4 20.4 30.6





#45

2-Fluorobiphenyl

Concen: 66.304 ng

RT: 12.643 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

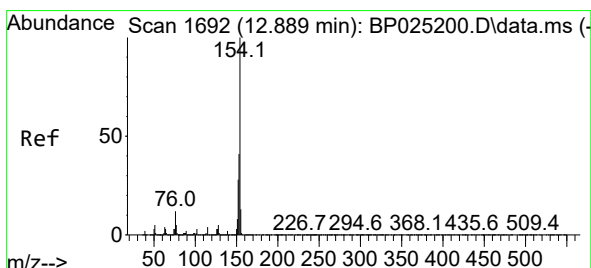
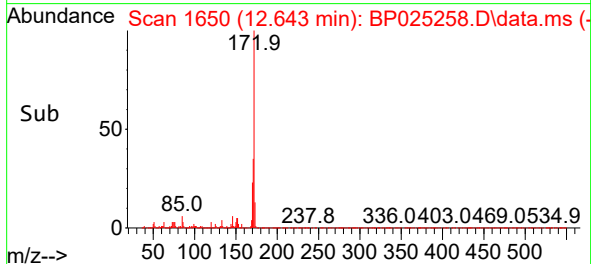
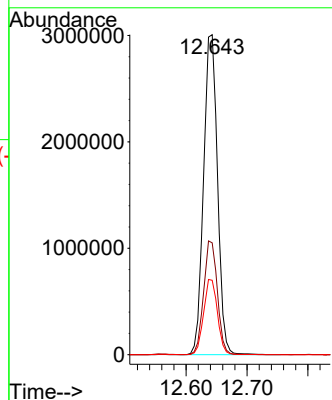
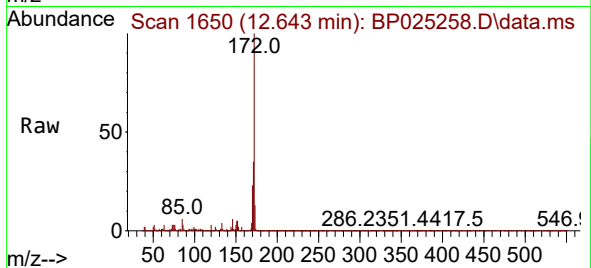
Tgt Ion:172 Resp: 4790781

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.3 19.2 28.8



#46

1,1'-Biphenyl

Concen: 46.584 ng

RT: 12.860 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

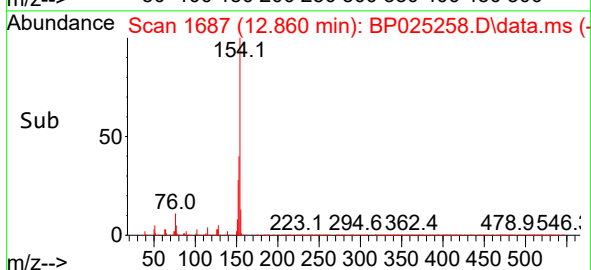
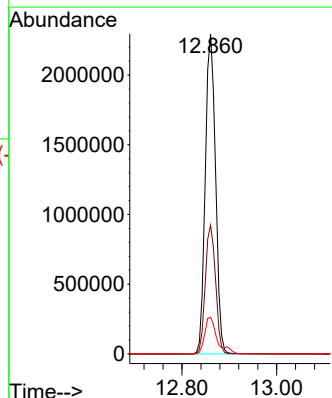
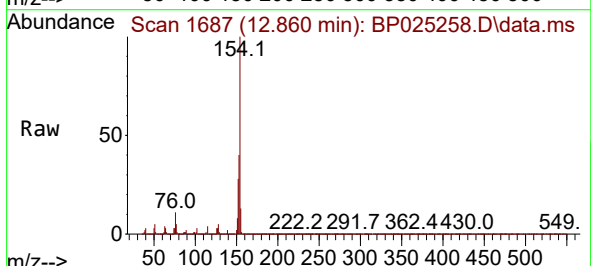
Tgt Ion:154 Resp: 3439953

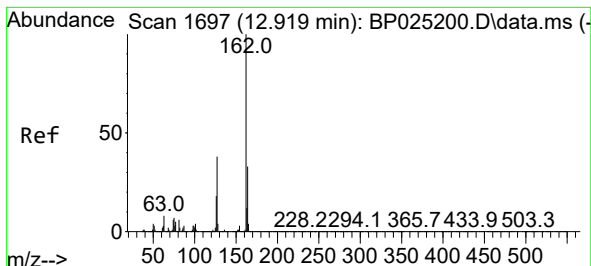
Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

76 11.5 0.0 31.6





#47

2-Chloronaphthalene

Concen: 46.407 ng

RT: 12.896 min Scan# 1697

Delta R.T. 0.006 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

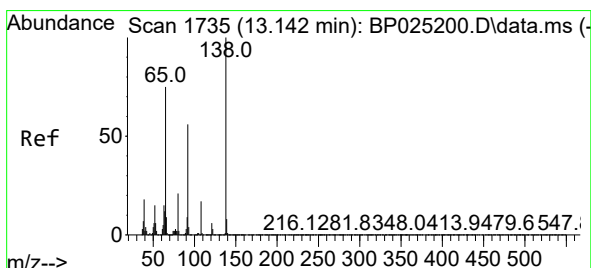
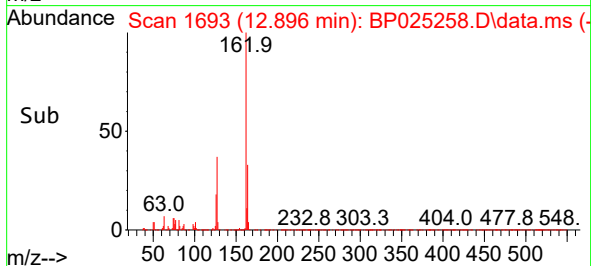
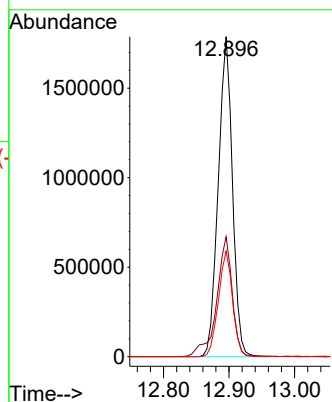
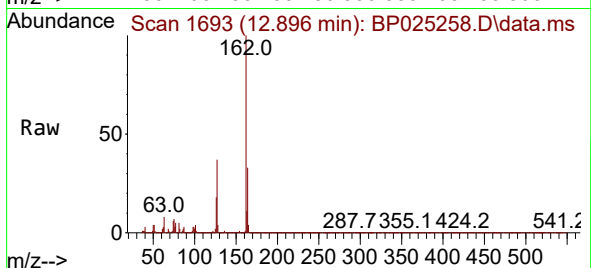
Tgt Ion:162 Resp: 2675491

Ion Ratio Lower Upper

162 100

127 37.5 30.1 45.1

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 45.373 ng

RT: 13.143 min Scan# 1735

Delta R.T. 0.024 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

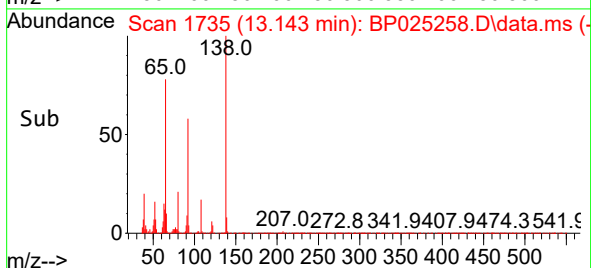
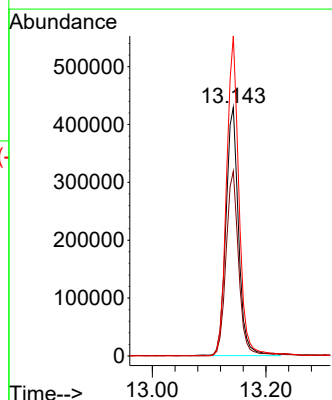
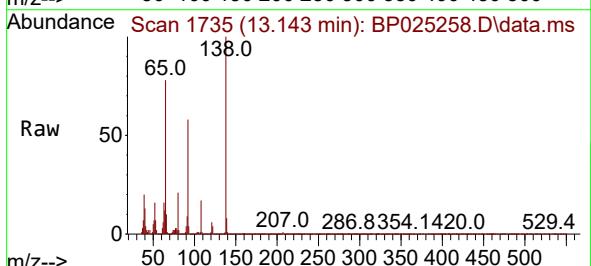
Tgt Ion: 65 Resp: 668029

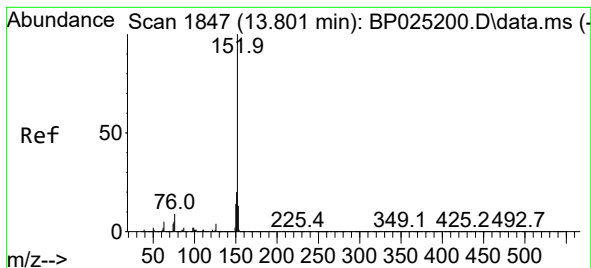
Ion Ratio Lower Upper

65 100

92 74.3 59.9 89.9

138 128.7 107.1 160.7





#49

Acenaphthylene

Concen: 46.881 ng

RT: 13.766 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

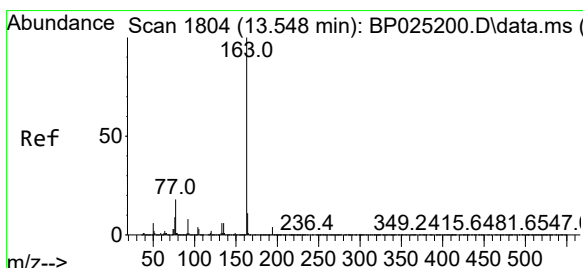
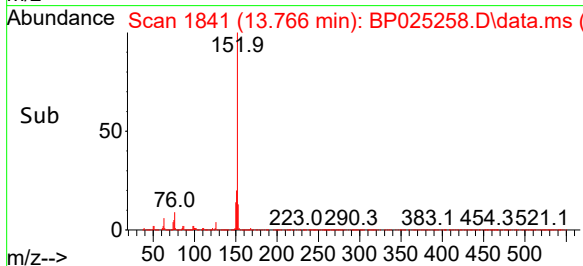
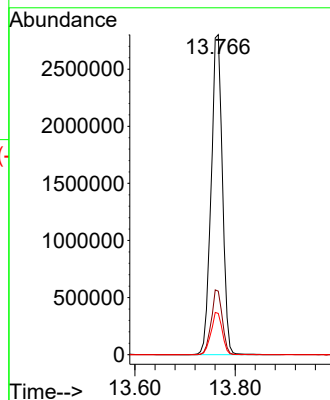
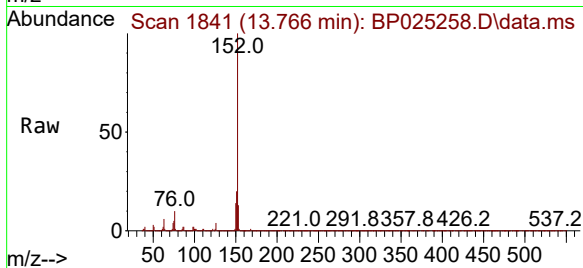
Tgt Ion:152 Resp: 4371582

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 44.203 ng

RT: 13.525 min Scan# 1800

Delta R.T. 0.012 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

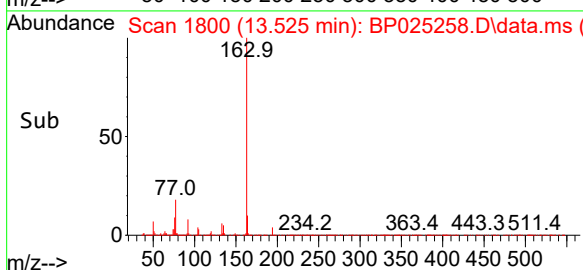
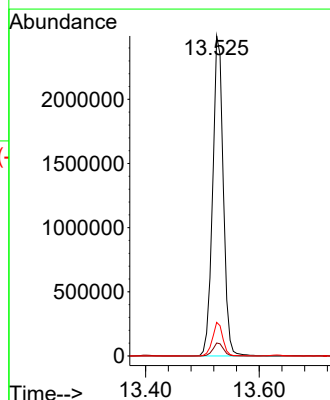
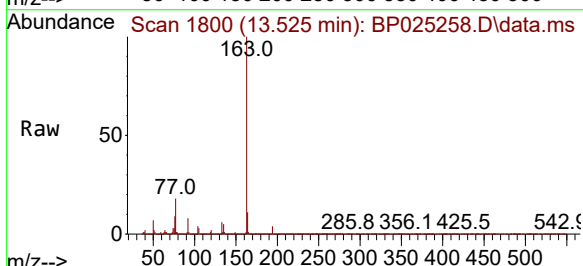
Tgt Ion:163 Resp: 3220210

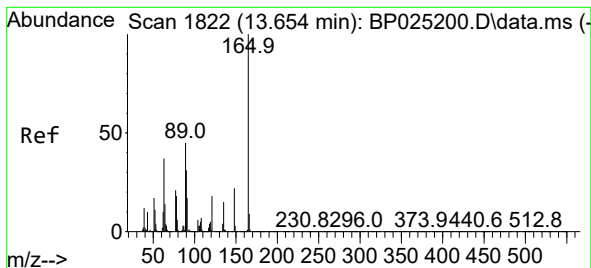
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.5 8.5 12.7

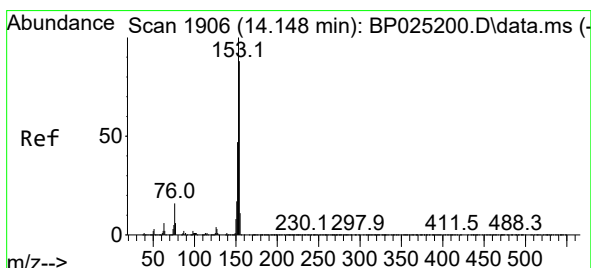
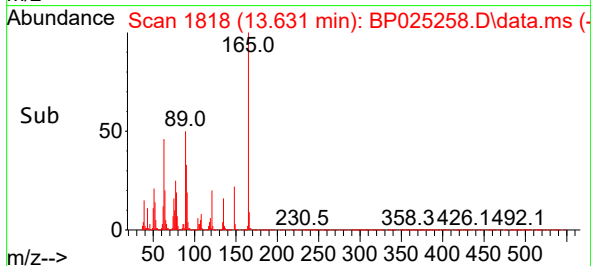
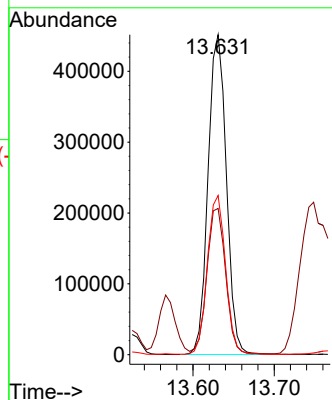
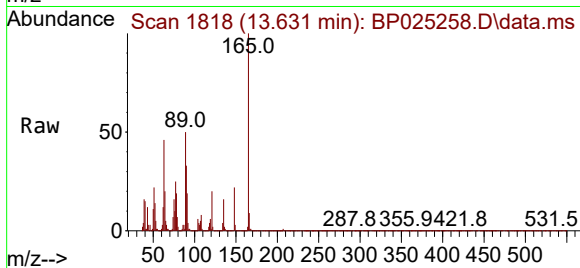




#51
2,6-Dinitrotoluene
Concen: 44.633 ng
RT: 13.631 min Scan# 1818
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

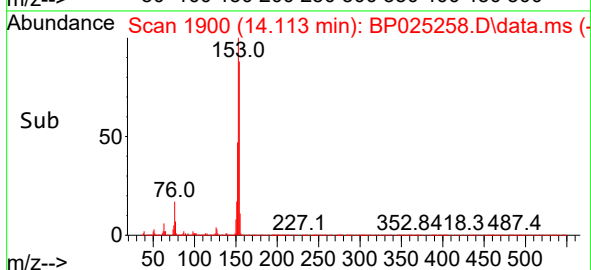
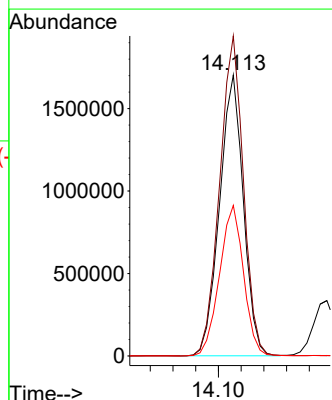
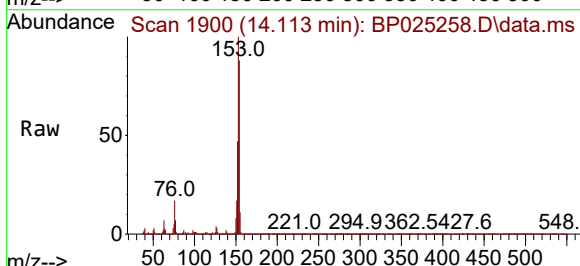
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

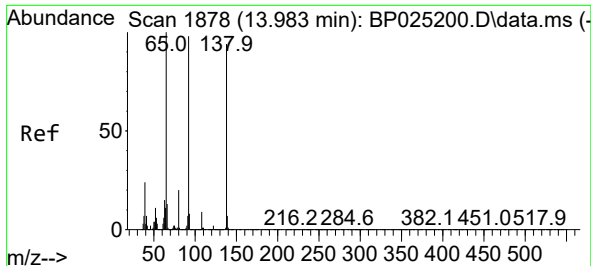
Tgt Ion:165 Resp: 706514
Ion Ratio Lower Upper
165 100
63 45.7 33.4 50.2
89 49.7 36.3 54.5



#52
Acenaphthene
Concen: 45.975 ng
RT: 14.113 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:154 Resp: 2479027
Ion Ratio Lower Upper
154 100
153 113.9 90.7 136.1
152 53.6 42.9 64.3

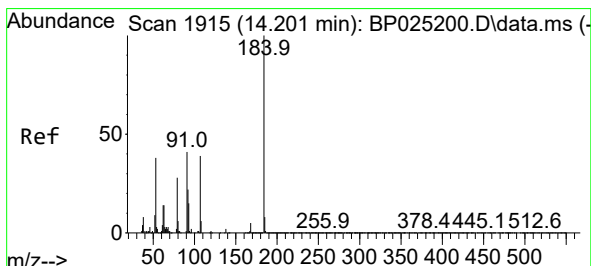
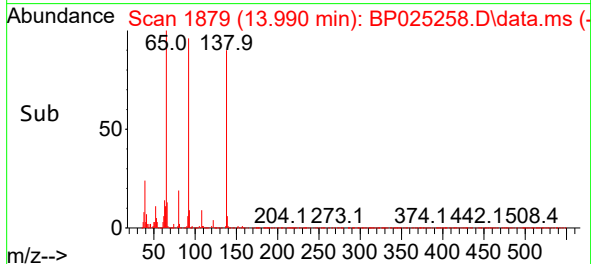
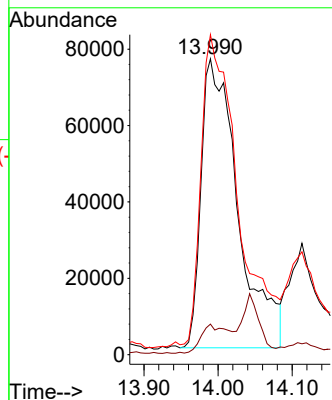
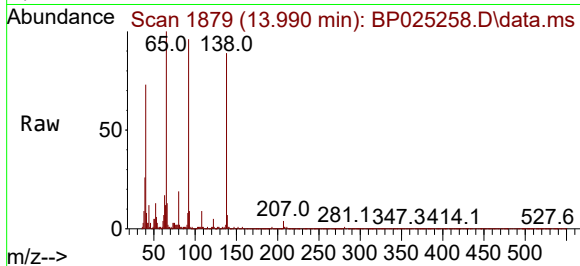




#53
3-Nitroaniline
Concen: 14.686 ng
RT: 13.990 min Scan# 1878
Delta R.T. 0.024 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

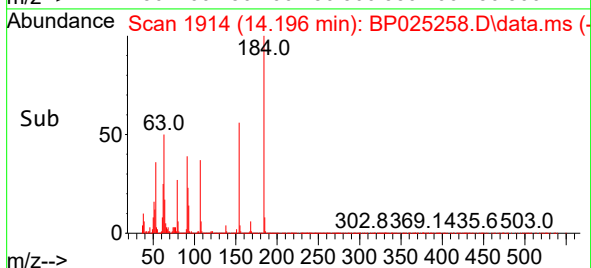
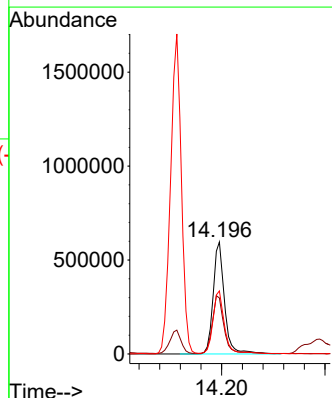
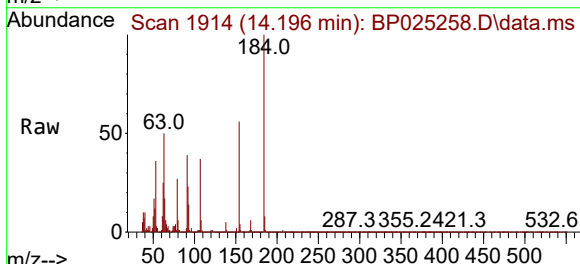
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

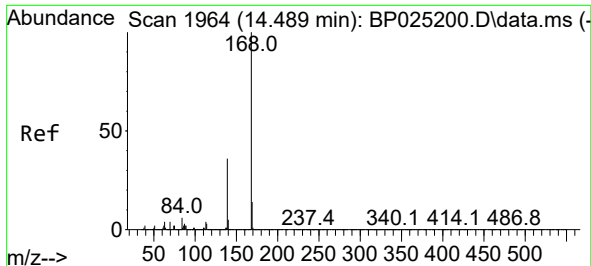
Tgt Ion:138 Resp: 262149
Ion Ratio Lower Upper
138 100
108 10.4 7.5 11.3
92 108.1 83.2 124.8



#54
2,4-Dinitrophenol
Concen: 96.724 ng
RT: 14.196 min Scan# 1914
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:184 Resp: 907155
Ion Ratio Lower Upper
184 100
63 50.1 41.8 62.8
154 56.3 45.7 68.5

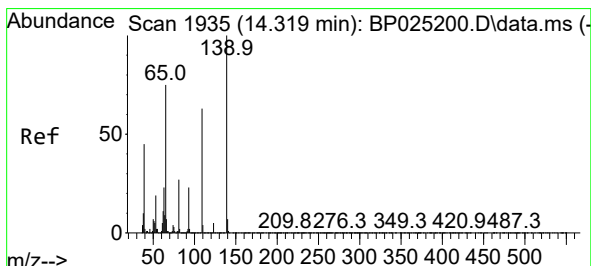
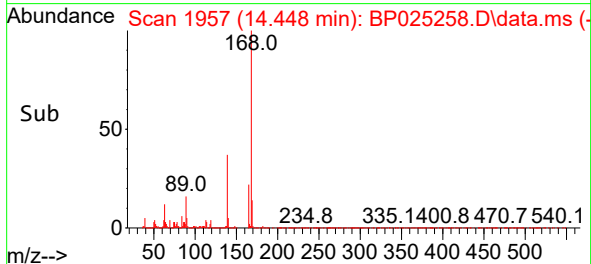
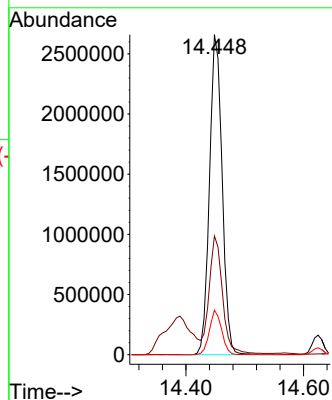
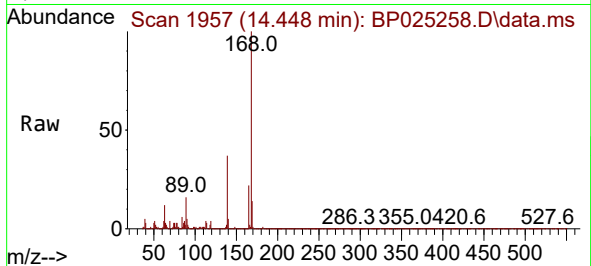




#55
Dibenzofuran
Concen: 45.523 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

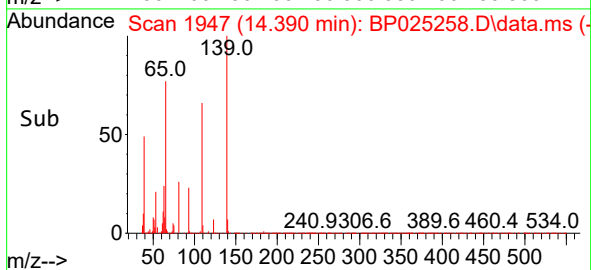
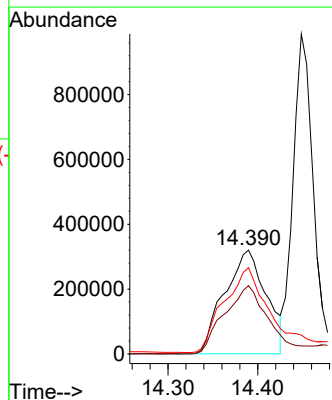
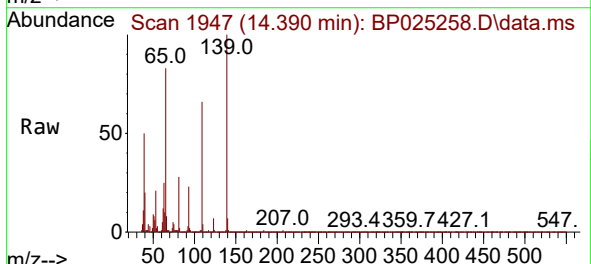
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

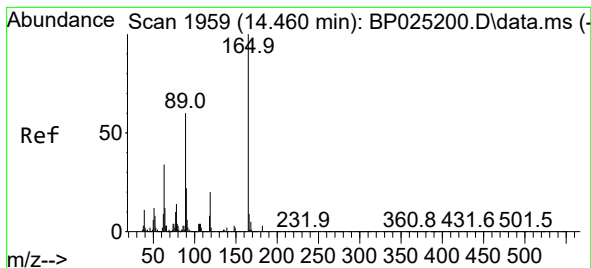
Tgt Ion:168 Resp: 3965054
Ion Ratio Lower Upper
168 100
139 37.1 28.7 43.1
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 67.548 ng
RT: 14.390 min Scan# 1947
Delta R.T. 0.029 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:139 Resp: 1031784
Ion Ratio Lower Upper
139 100
109 65.7 42.6 82.6
65 83.1 55.4 95.4

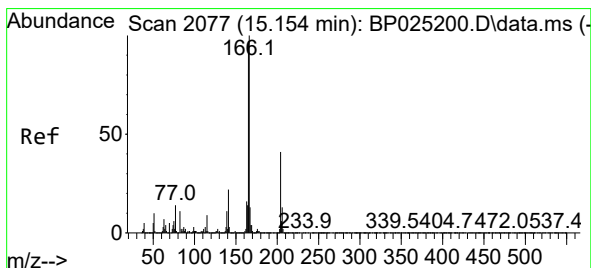
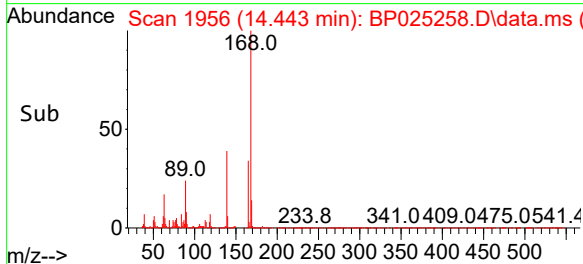
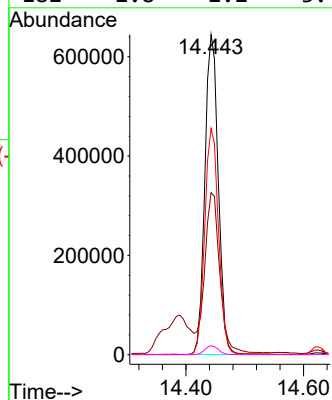
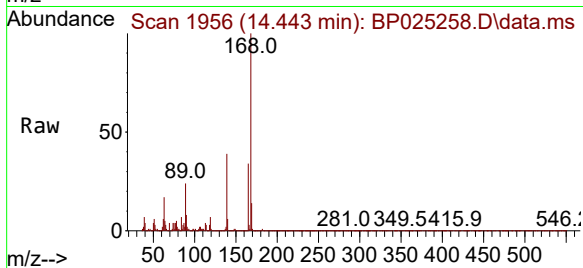




#57
2,4-Dinitrotoluene
Concen: 45.981 ng
RT: 14.443 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

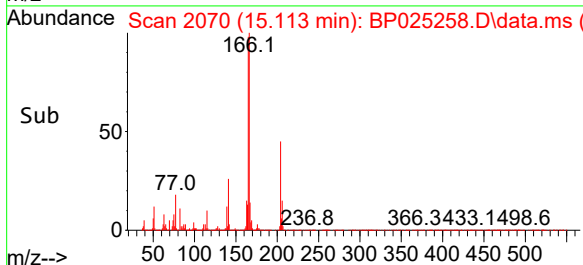
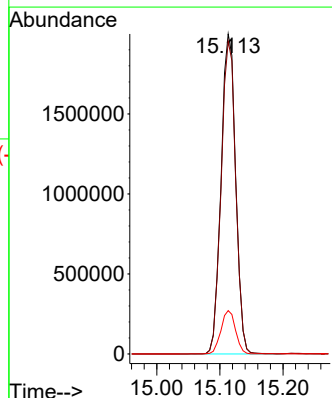
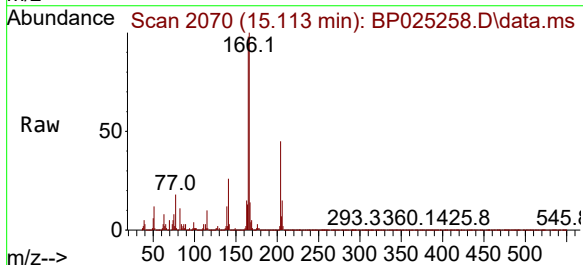
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

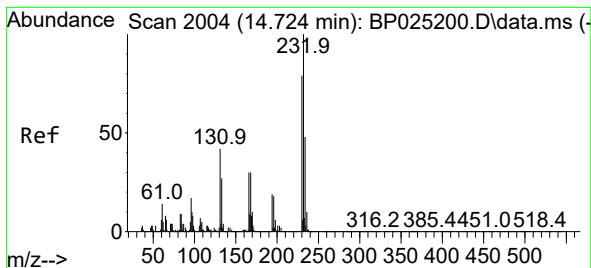
Tgt Ion:165 Resp: 1018852
Ion Ratio Lower Upper
165 100
63 50.7 27.0 40.4#
89 70.7 47.8 71.6
182 2.8 2.2 3.4



#58
Fluorene
Concen: 46.409 ng
RT: 15.113 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:166 Resp: 3209085
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.6 10.7 16.1

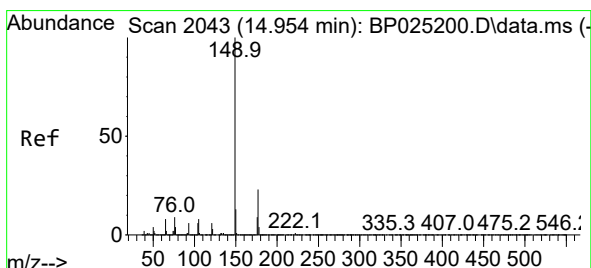
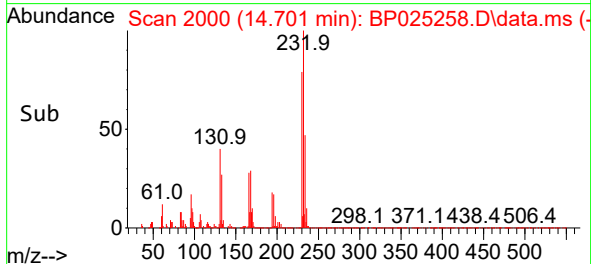
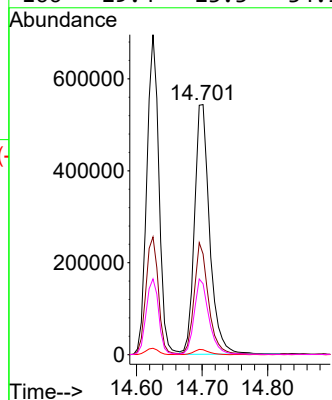
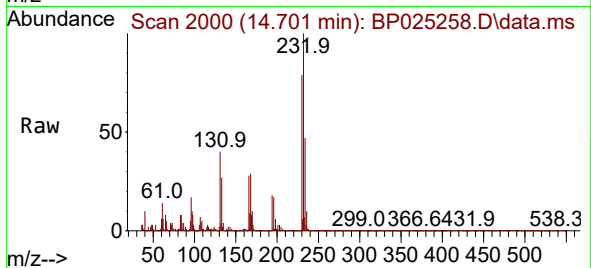




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.003 ng
RT: 14.701 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

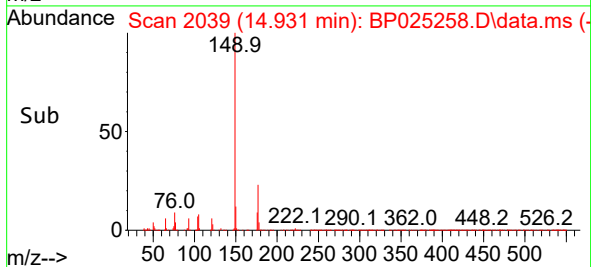
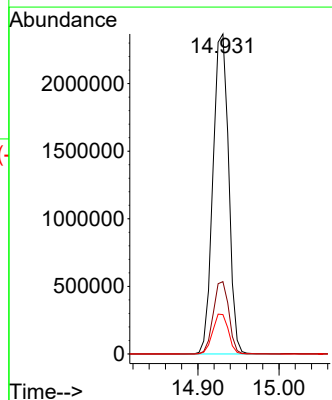
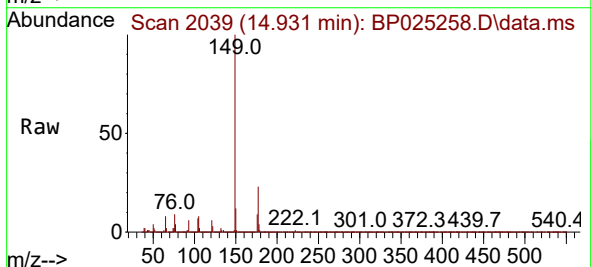
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

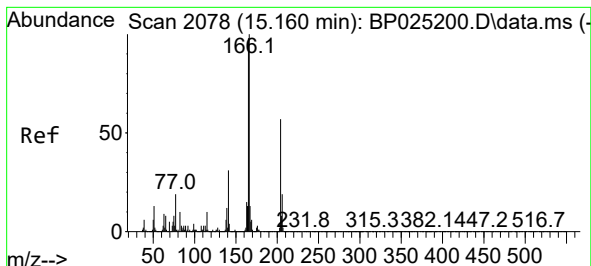
Tgt	Ion:232	Resp:	873737
Ion	Ratio	Lower	Upper
232	100		
131	42.2	32.6	48.8
130	2.2	1.6	2.4
166	29.4	23.3	34.9



#60
Diethylphthalate
Concen: 44.071 ng
RT: 14.931 min Scan# 2039
Delta R.T. 0.018 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:149	Resp:	3164450	
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.4	27.6
150	12.3	10.0	15.0

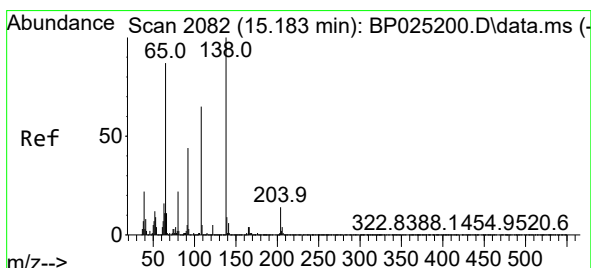
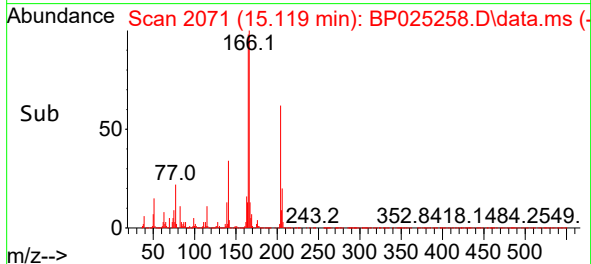
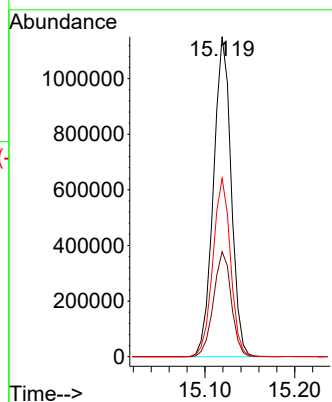
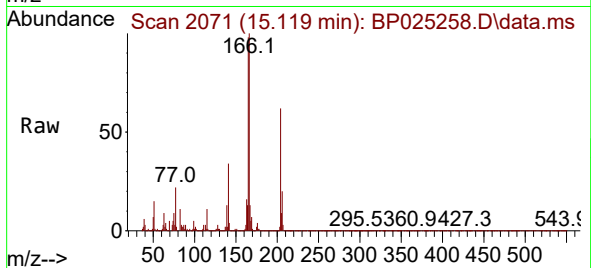




#61
4-Chlorophenyl-phenylether
Concen: 45.113 ng
RT: 15.119 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

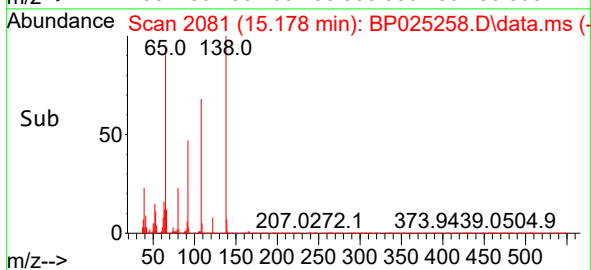
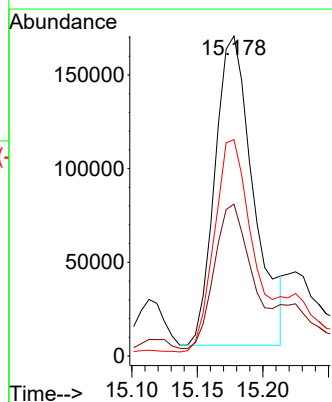
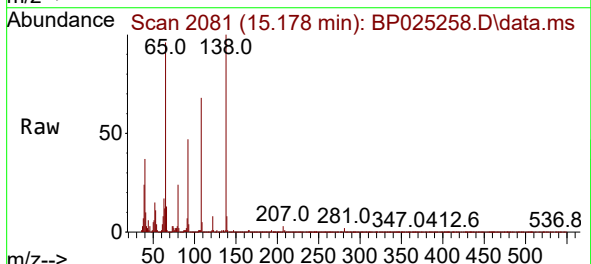
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

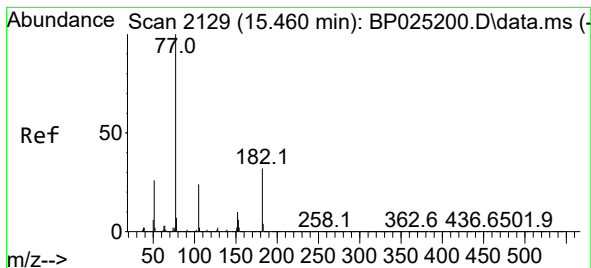
Tgt Ion:204 Resp: 1576279
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 55.8 43.0 64.6



#62
4-Nitroaniline
Concen: 18.594 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.018 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:138 Resp: 337550
Ion Ratio Lower Upper
138 100
92 47.5 24.0 64.0
108 67.6 44.9 84.9





#63

Azobenzene

Concen: 49.655 ng

RT: 15.419 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

Tgt Ion: 77 Resp: 2905418

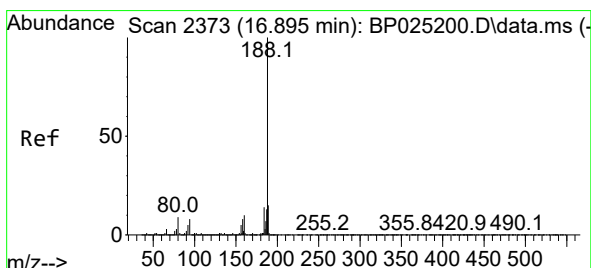
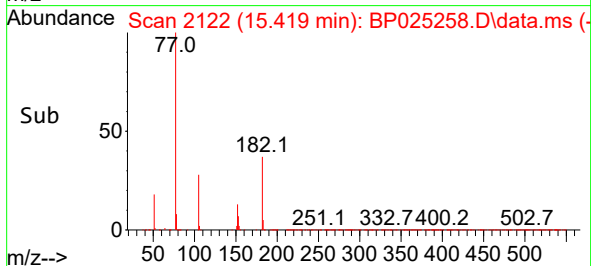
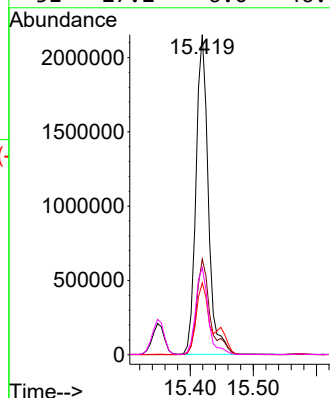
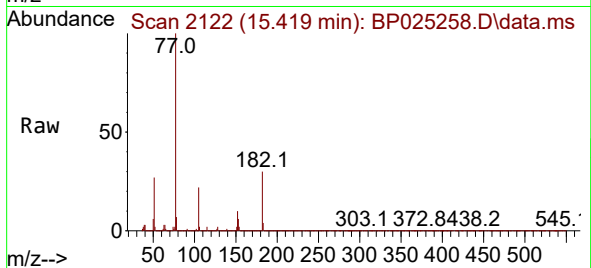
Ion Ratio Lower Upper

77 100

182 29.8 12.0 52.0

105 22.4 3.6 43.6

51 27.2 6.0 46.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

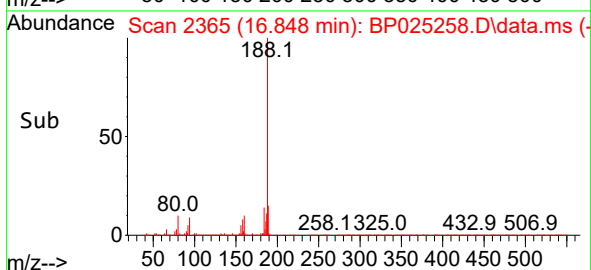
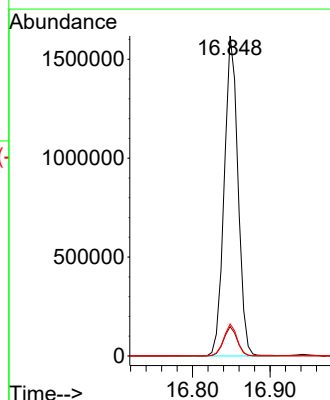
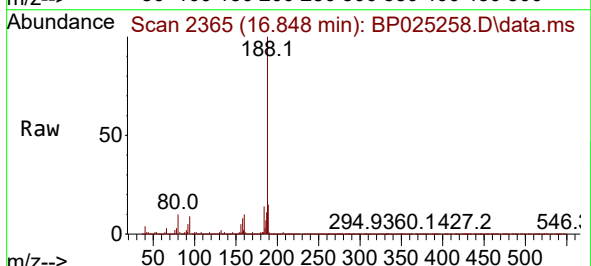
Tgt Ion:188 Resp: 1995906

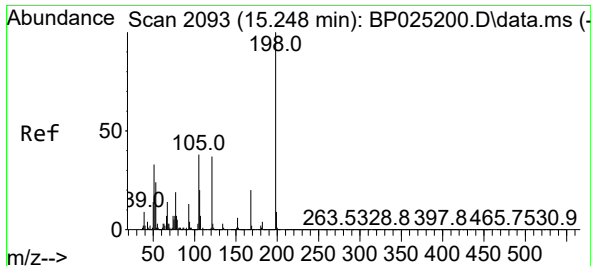
Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 10.0 7.3 10.9

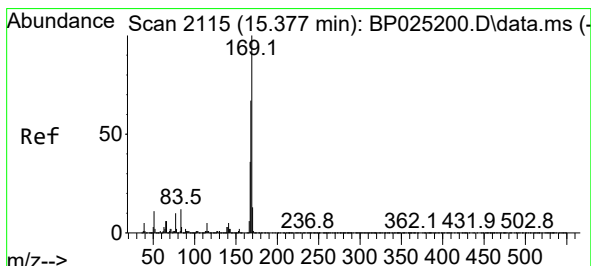
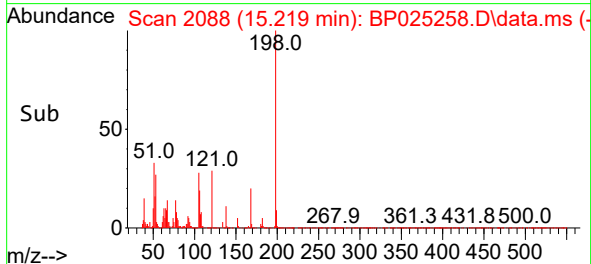
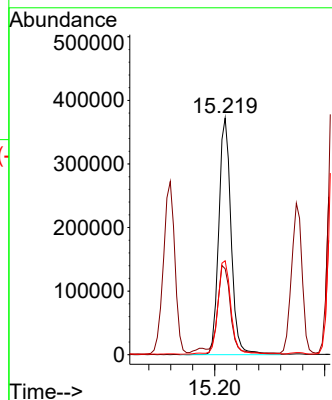
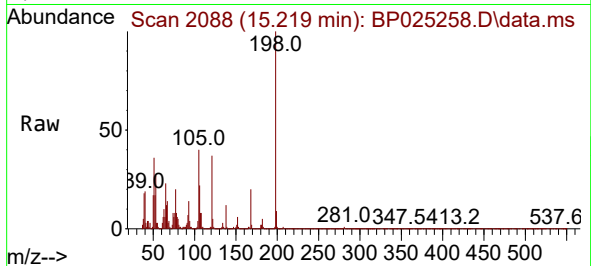




#65
4,6-Dinitro-2-methylphenol
Concen: 44.873 ng
RT: 15.219 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

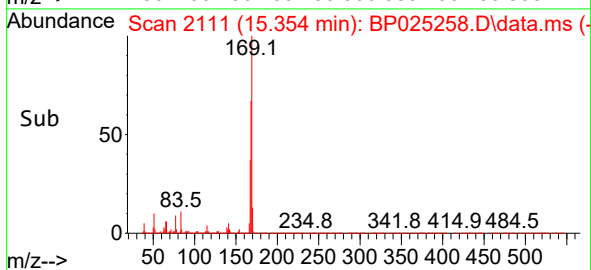
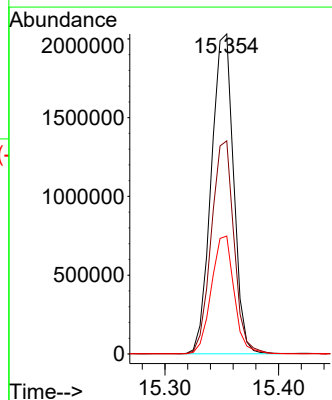
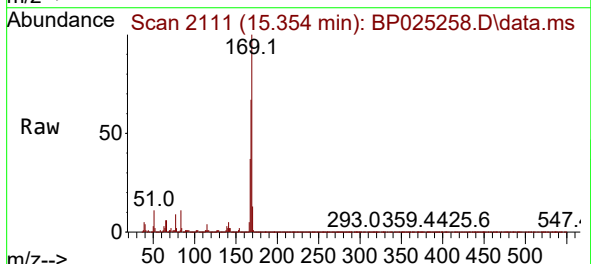
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

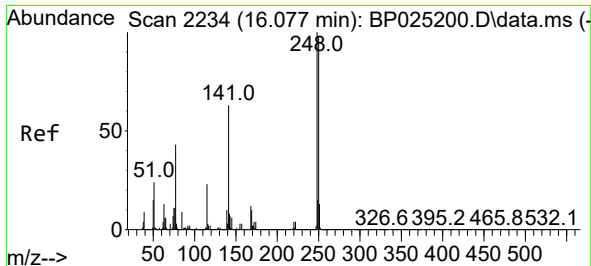
Tgt Ion:198 Resp: 577992
Ion Ratio Lower Upper
198 100
51 36.3 14.6 54.6
105 39.7 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 45.737 ng
RT: 15.354 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:169 Resp: 2770757
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.8 29.0 43.6

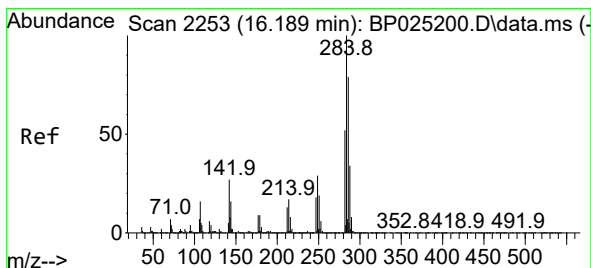
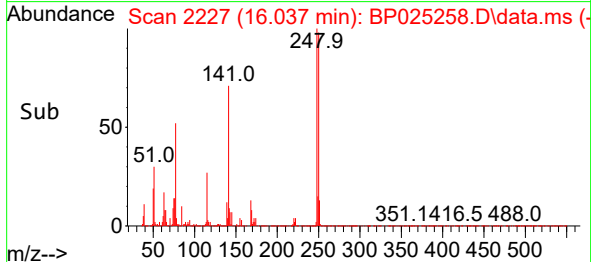
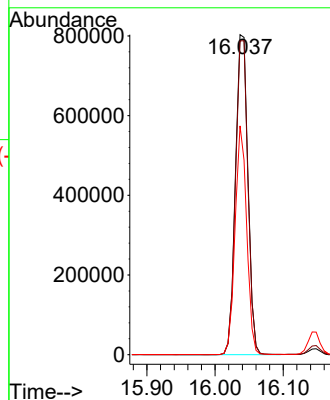
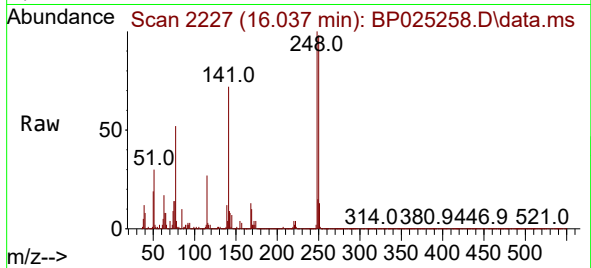




#67
4-Bromophenyl-phenylether
Concen: 43.943 ng
RT: 16.037 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

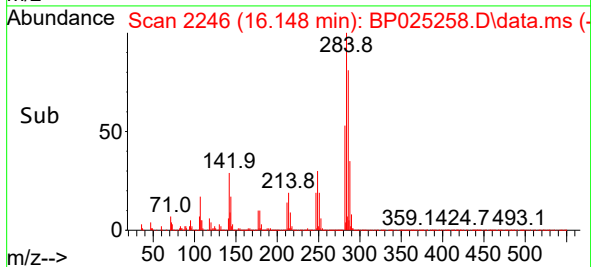
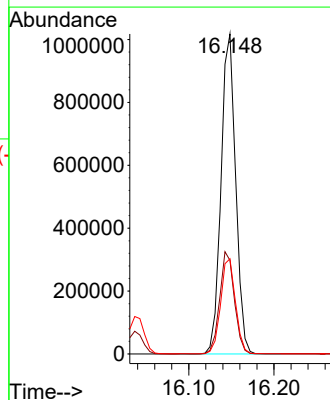
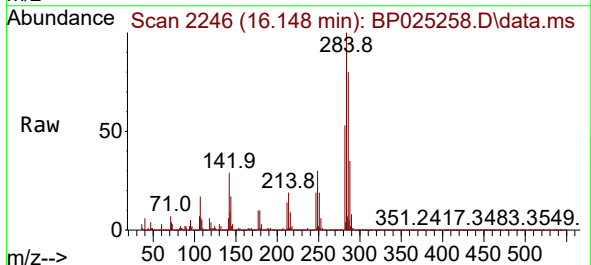
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

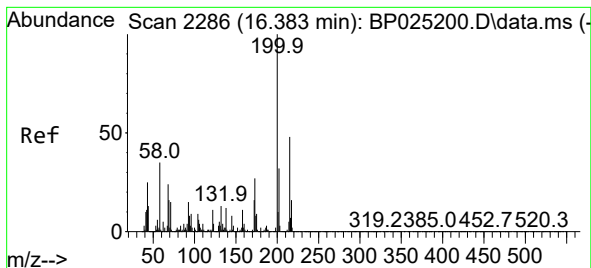
Tgt Ion:248 Resp: 1023583
Ion Ratio Lower Upper
248 100
250 98.1 78.5 117.7
141 71.5 50.5 75.7



#68
Hexachlorobenzene
Concen: 43.928 ng
RT: 16.148 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:284 Resp: 1215148
Ion Ratio Lower Upper
284 100
142 29.3 21.5 32.3
249 29.8 23.4 35.0





#69

Atrazine

Concen: 40.542 ng

RT: 16.372 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

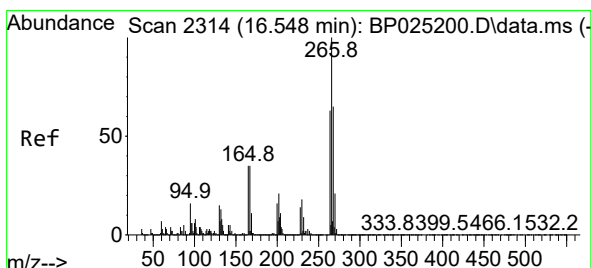
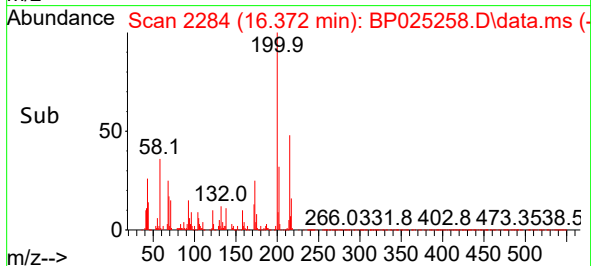
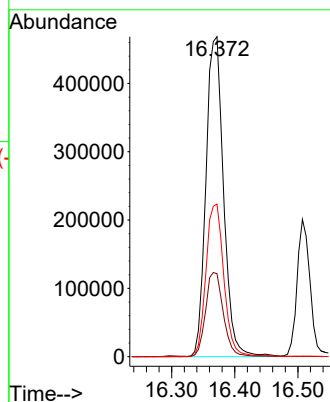
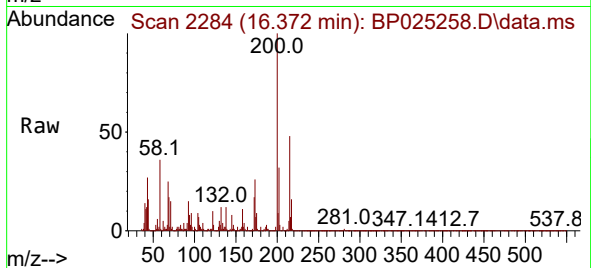
Tgt Ion:200 Resp: 908847

Ion Ratio Lower Upper

200 100

173 26.0 7.4 47.4

215 47.7 28.5 68.5



#70

Pentachlorophenol

Concen: 86.044 ng

RT: 16.507 min Scan# 2307

Delta R.T. -0.006 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

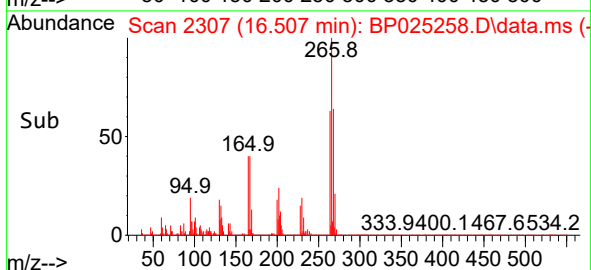
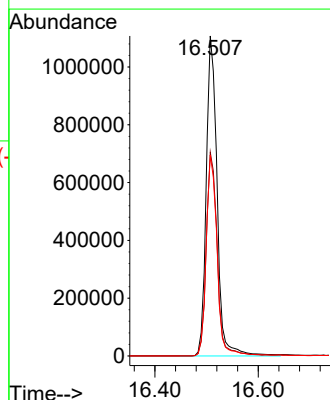
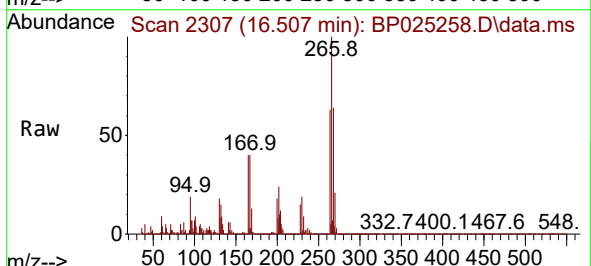
Tgt Ion:266 Resp: 1618567

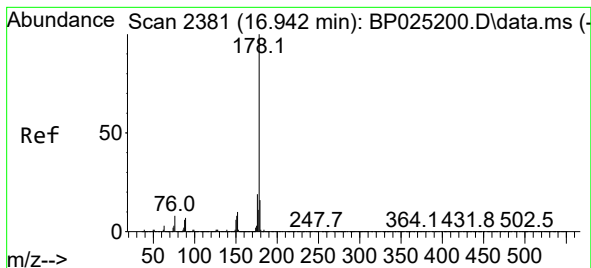
Ion Ratio Lower Upper

266 100

268 63.7 51.8 77.6

264 62.8 50.3 75.5





#71

Phenanthrene

Concen: 46.964 ng

RT: 16.890 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

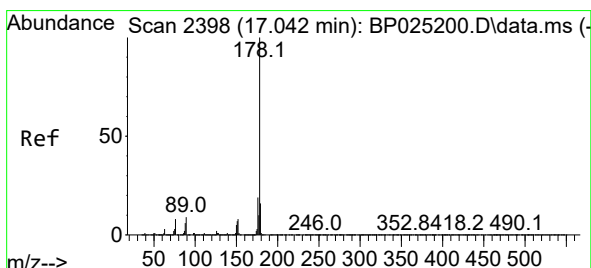
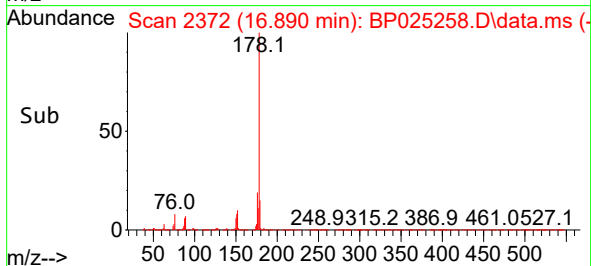
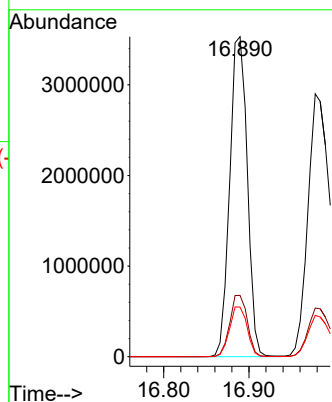
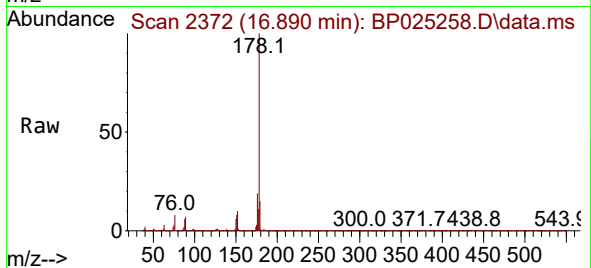
Tgt Ion:178 Resp: 5055595

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.5 12.5 18.7



#72

Anthracene

Concen: 48.970 ng

RT: 16.978 min Scan# 2387

Delta R.T. -0.018 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

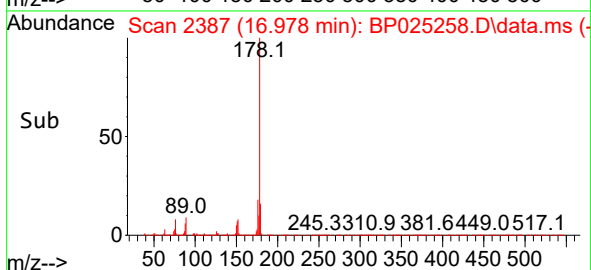
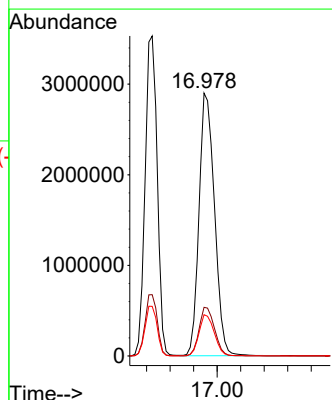
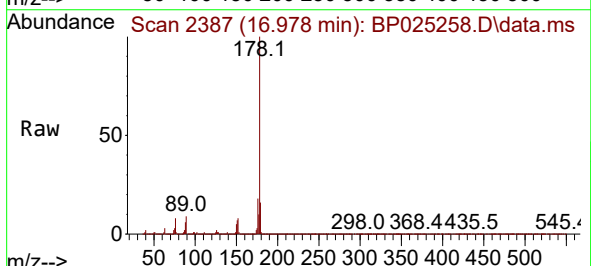
Tgt Ion:178 Resp: 5310574

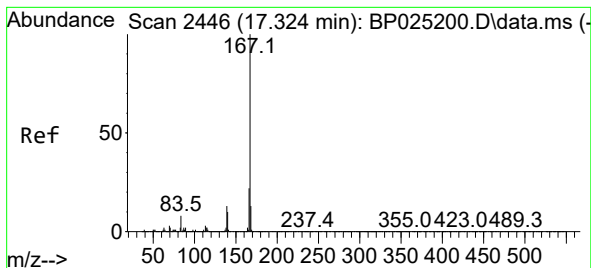
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.7 12.5 18.7





#73

Carbazole

Concen: 48.076 ng

RT: 17.290 min Scan# 2440

Delta R.T. 0.006 min

Lab File: BP025258.D

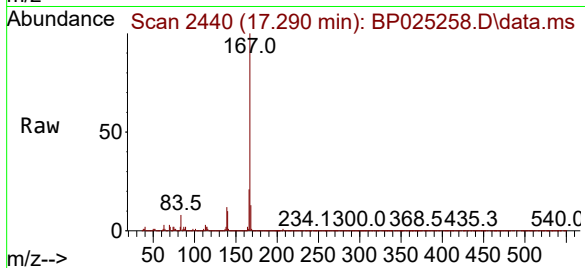
Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

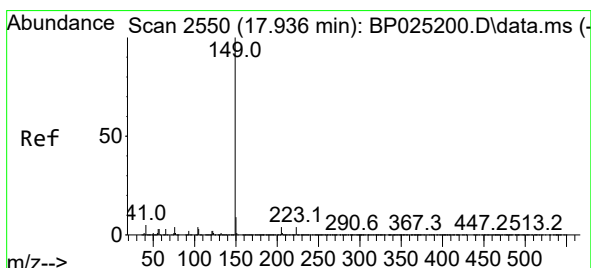
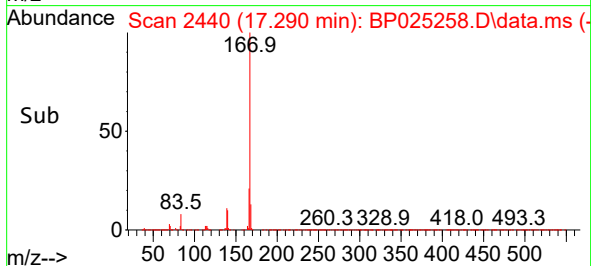
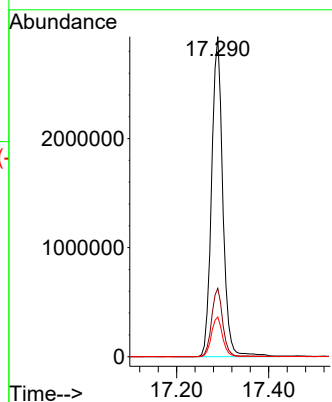
ClientSampleId :

ETGI-361MSD



Tgt Ion:167 Resp: 4976974

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	12.4	10.1	15.1



#74

Di-n-butylphthalate

Concen: 48.074 ng

RT: 17.889 min Scan# 2542

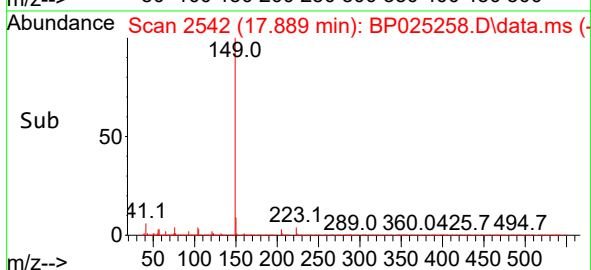
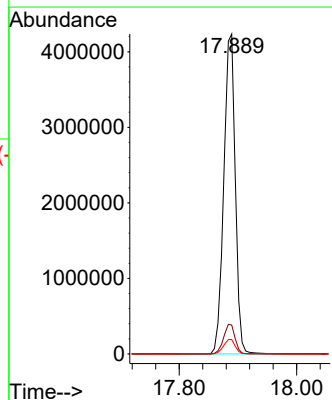
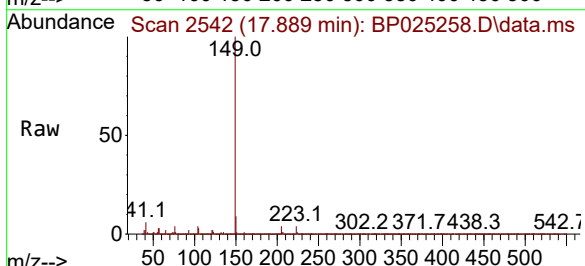
Delta R.T. 0.012 min

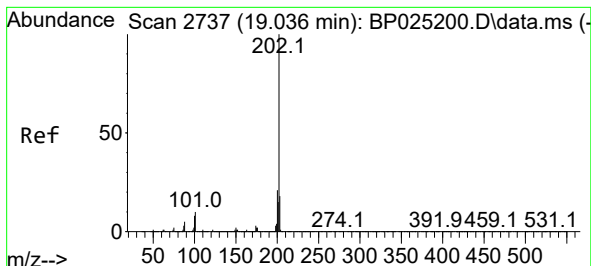
Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Tgt Ion:149 Resp: 5742365

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.5	3.5	5.3





#75

Fluoranthene

Concen: 52.132 ng

RT: 18.989 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

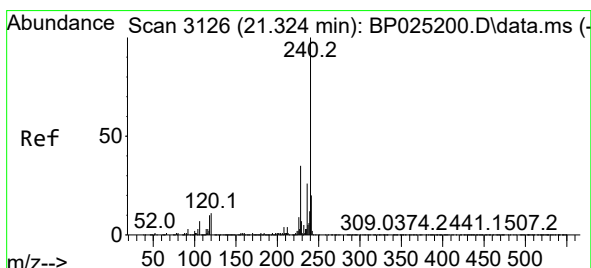
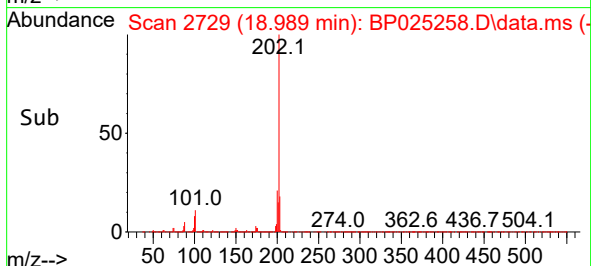
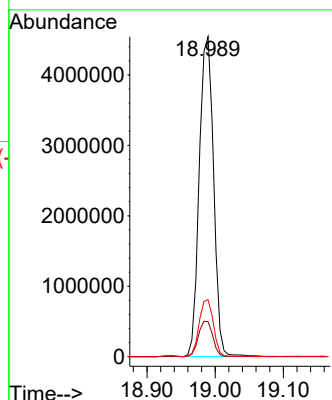
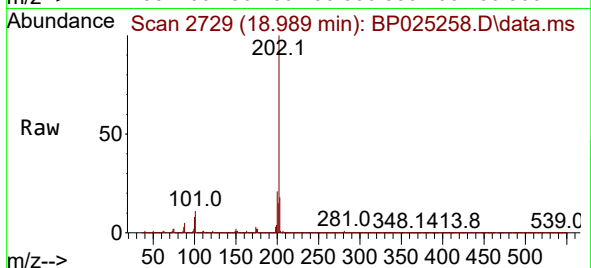
Tgt Ion:202 Resp: 6604806

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

203 17.8 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.266 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

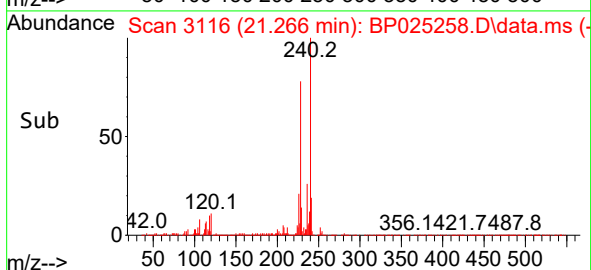
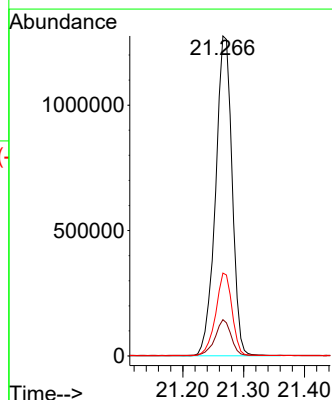
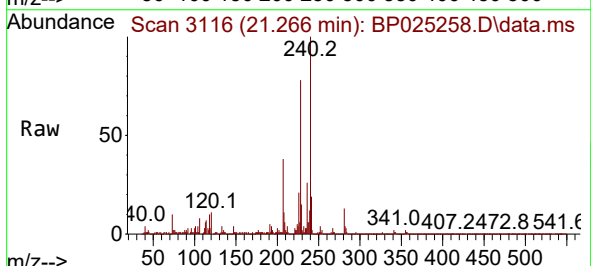
Tgt Ion:240 Resp: 2404236

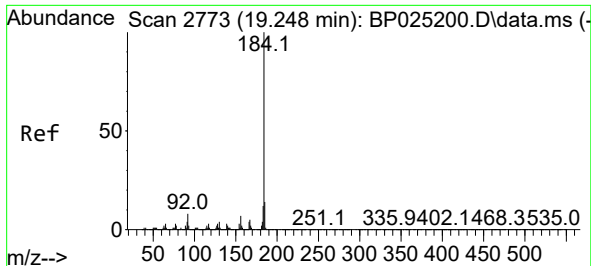
Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

236 25.9 20.9 31.3

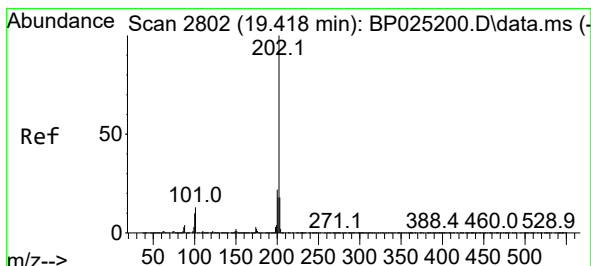
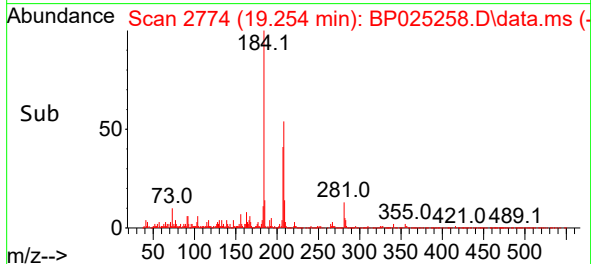
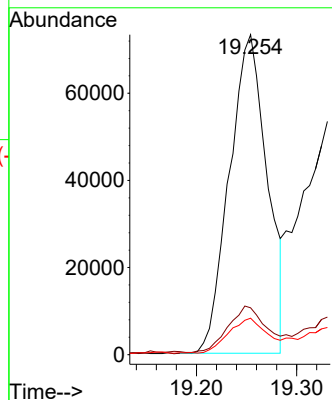
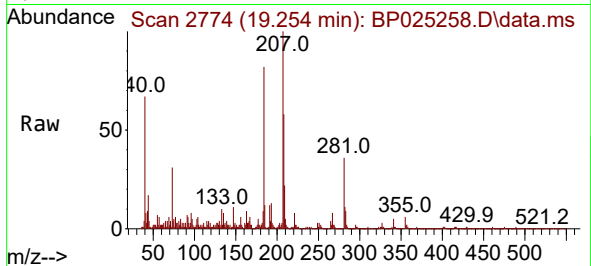




#77
Benzidine
Concen: 2.275 ng
RT: 19.254 min Scan# 21
Delta R.T. 0.041 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

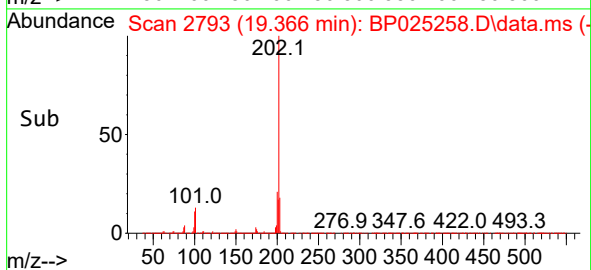
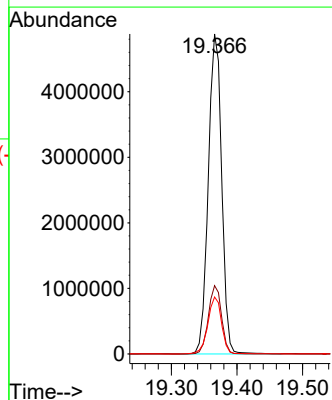
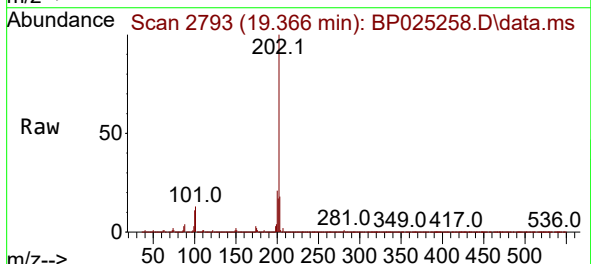
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

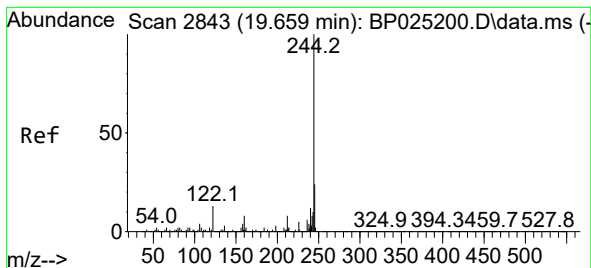
Tgt Ion:184 Resp: 192038
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.4 9.6 14.4



#78
Pyrene
Concen: 46.708 ng
RT: 19.366 min Scan# 2793
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:202 Resp: 6924168
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 59.673 ng

RT: 19.589 min Scan# 2831

Delta R.T. -0.024 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

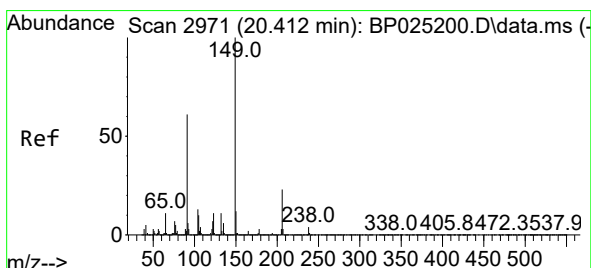
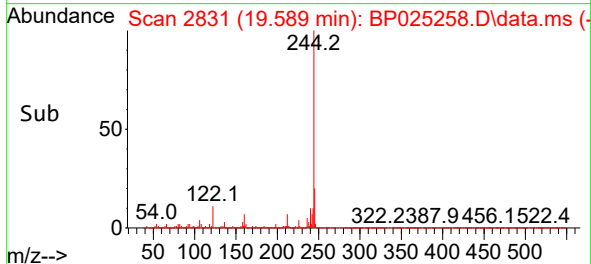
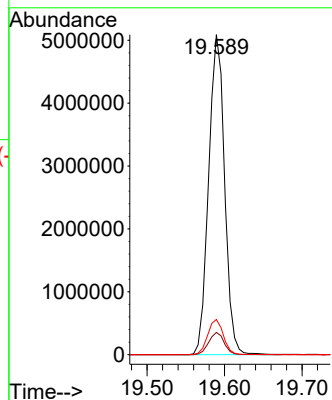
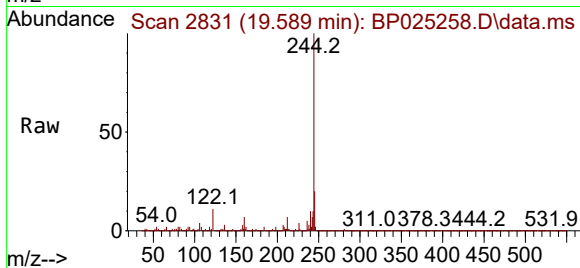
Tgt Ion:244 Resp: 7267717

Ion Ratio Lower Upper

244 100

212 6.9 6.6 9.8

122 11.0 10.3 15.5



#80

Butylbenzylphthalate

Concen: 42.592 ng

RT: 20.348 min Scan# 2960

Delta R.T. 0.000 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

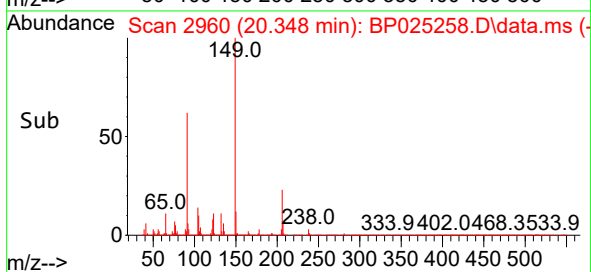
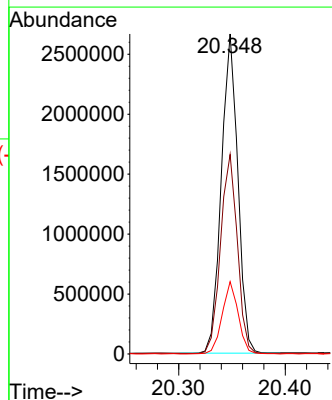
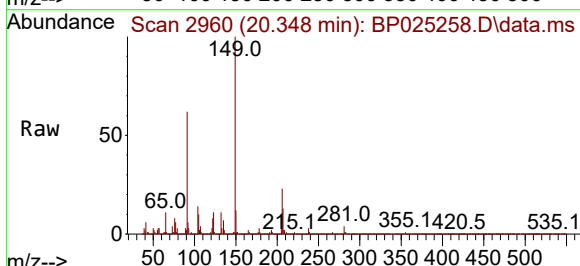
Tgt Ion:149 Resp: 2858098

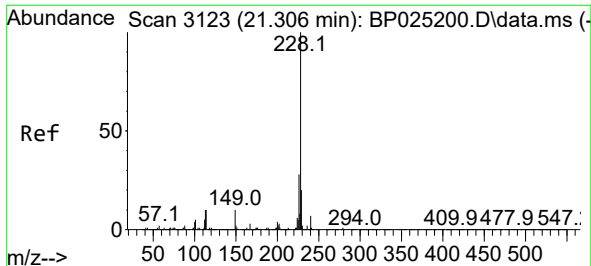
Ion Ratio Lower Upper

149 100

91 62.4 48.8 73.2

206 22.6 18.4 27.6

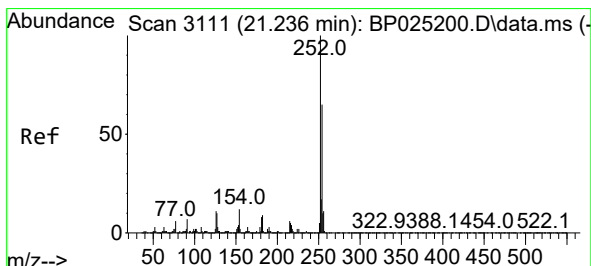
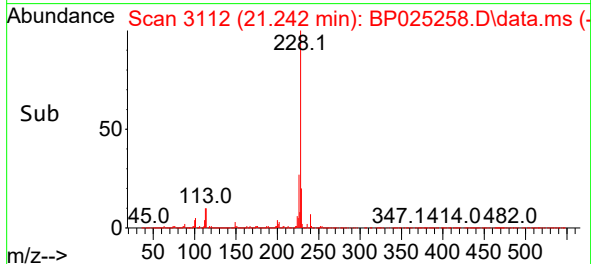
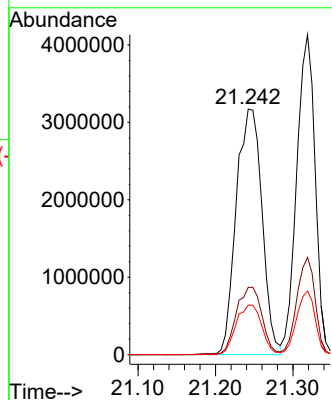
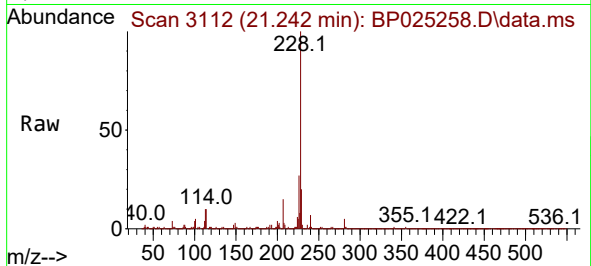




#81
Benzo(a)anthracene
Concen: 48.295 ng
RT: 21.242 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

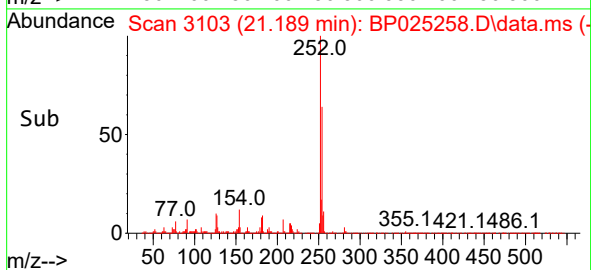
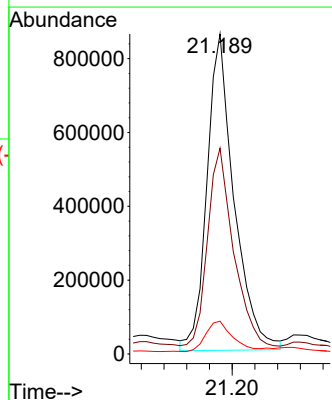
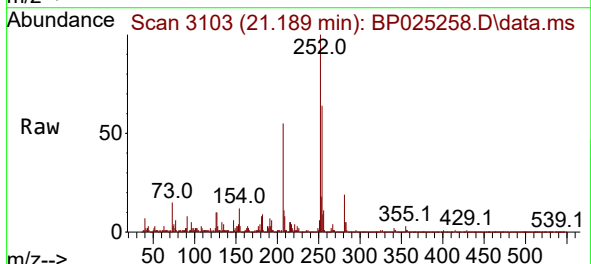
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

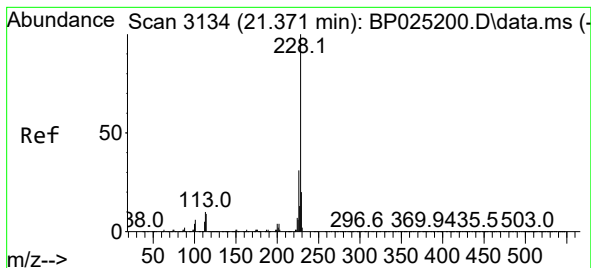
Tgt Ion:228 Resp: 7332540
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 22.510 ng
RT: 21.189 min Scan# 3103
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:252 Resp: 1416667
Ion Ratio Lower Upper
252 100
254 64.3 52.1 78.1
126 10.3 8.6 12.8





#83

Chrysene

Concen: 48.055 ng

RT: 21.319 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

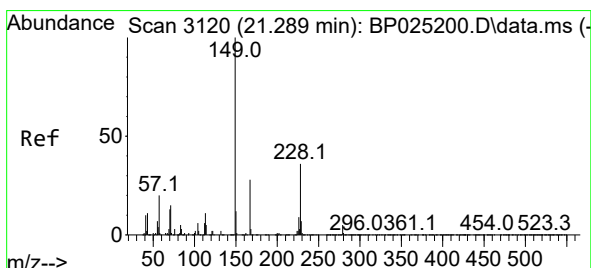
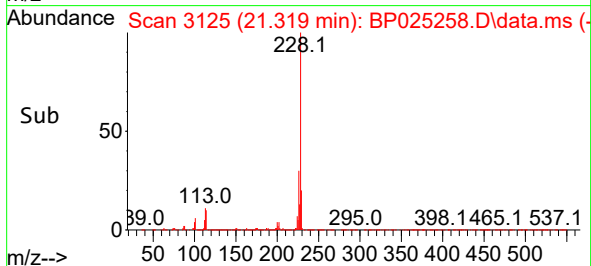
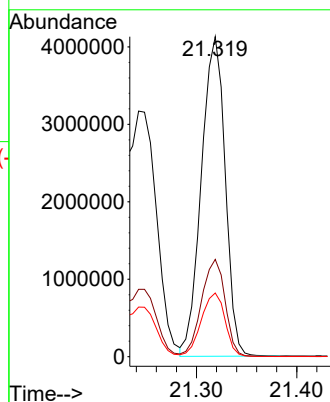
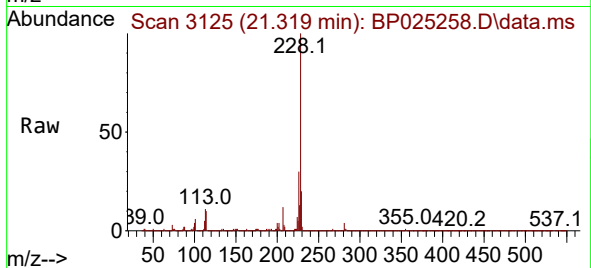
Tgt Ion:228 Resp: 6810893

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.192 ng

RT: 21.225 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

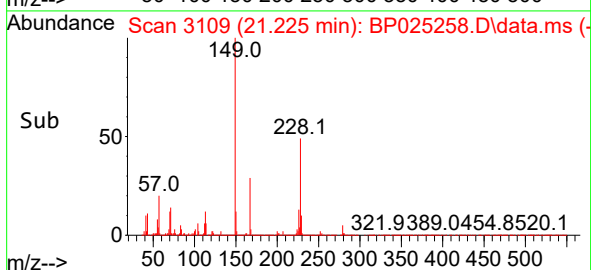
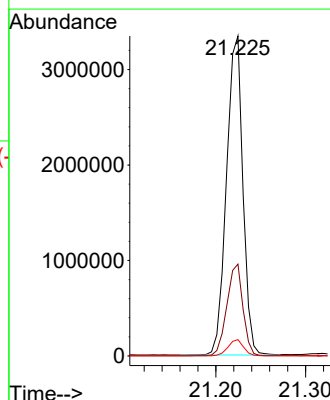
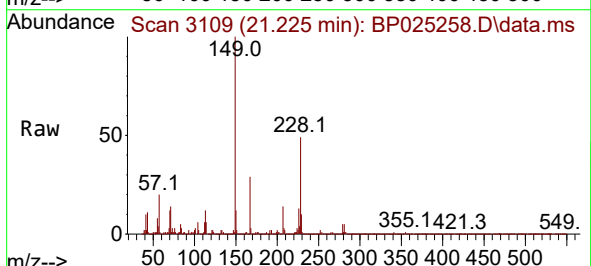
Tgt Ion:149 Resp: 4240253

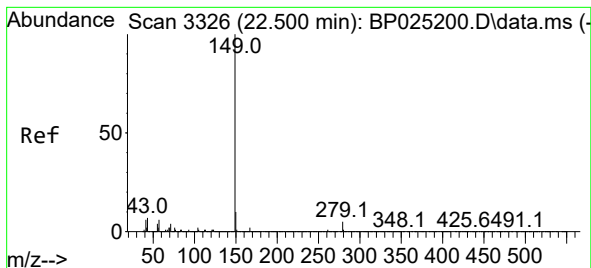
Ion Ratio Lower Upper

149 100

167 28.7 22.6 34.0

279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 46.165 ng

RT: 22.407 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

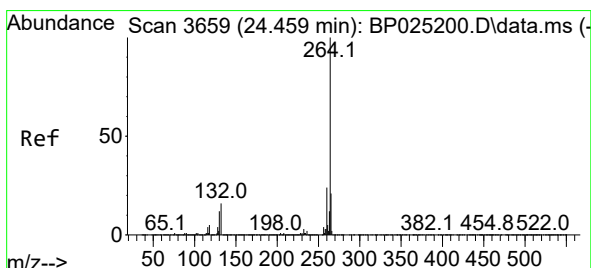
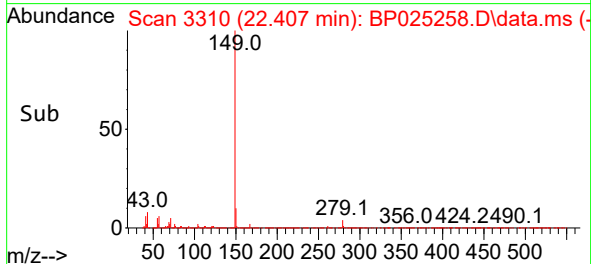
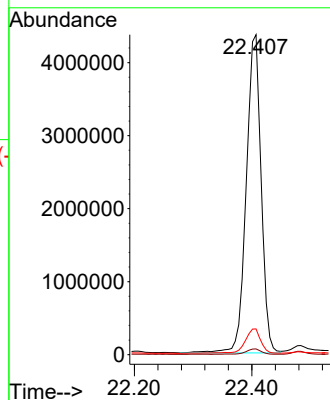
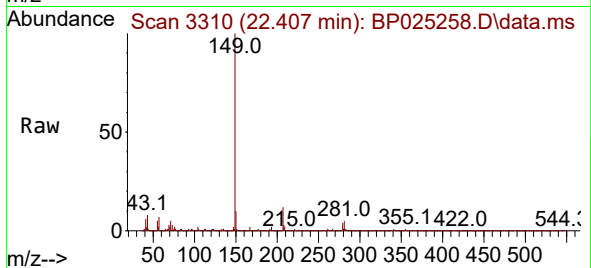
Tgt Ion:149 Resp: 7649044

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.2 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.313 min Scan# 3634

Delta R.T. -0.018 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

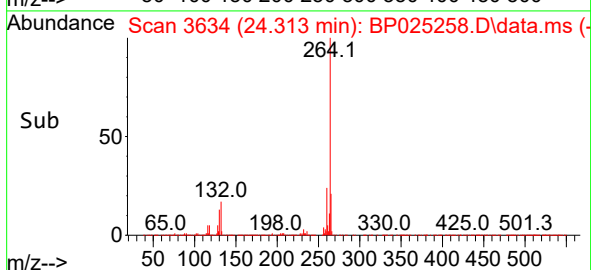
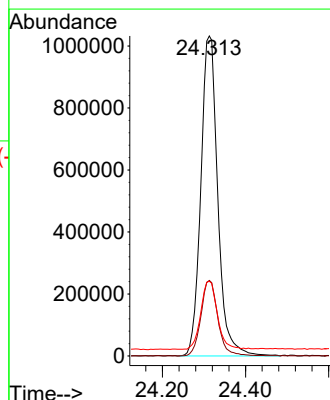
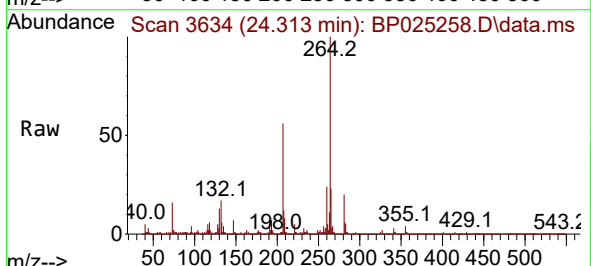
Tgt Ion:264 Resp: 2928991

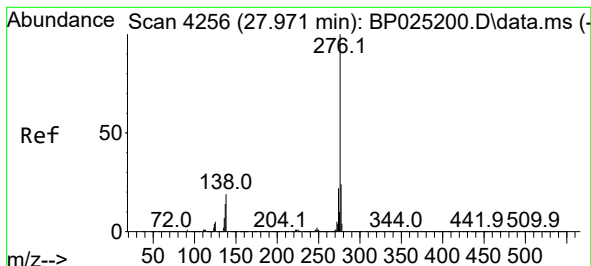
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 23.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.885 ng

RT: 27.771 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

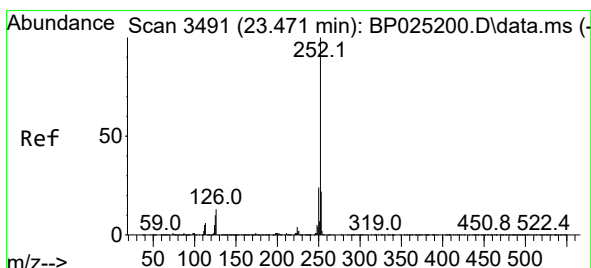
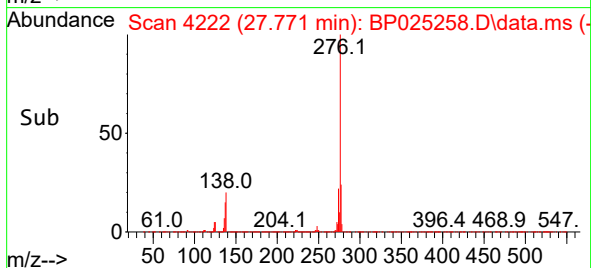
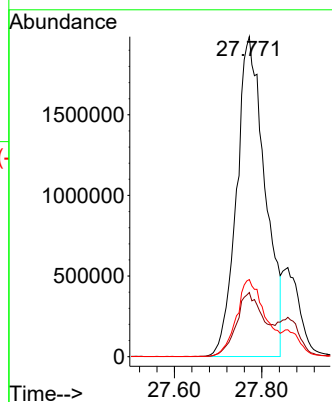
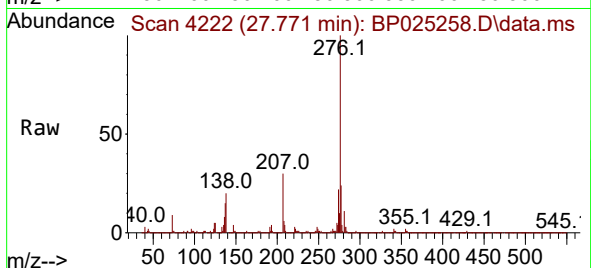
Tgt Ion:276 Resp: 8965160

Ion Ratio Lower Upper

276 100

138 18.3 12.8 19.2

277 24.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 49.203 ng

RT: 23.366 min Scan# 3473

Delta R.T. 0.012 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

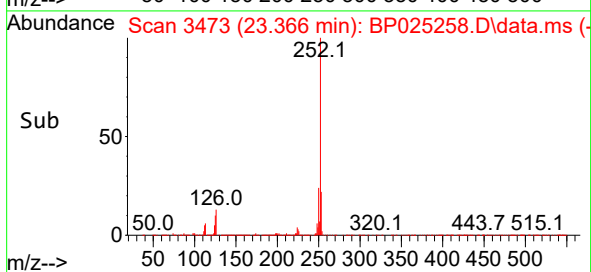
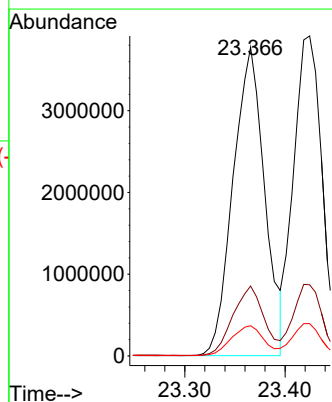
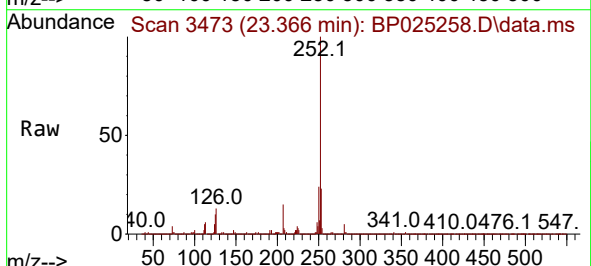
Tgt Ion:252 Resp: 8249297

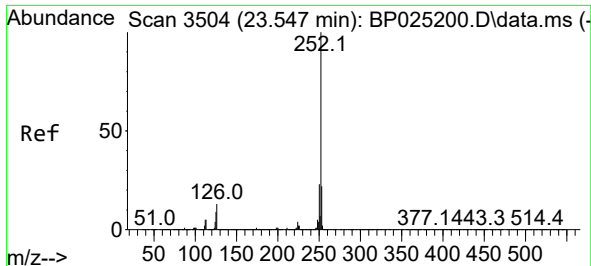
Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 9.8 7.8 11.8

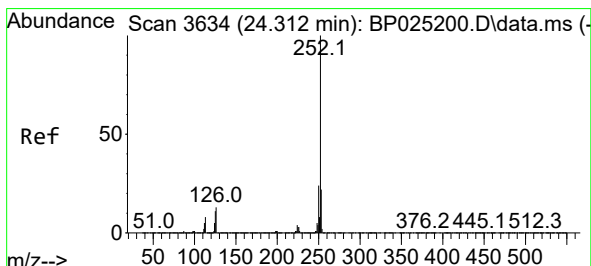
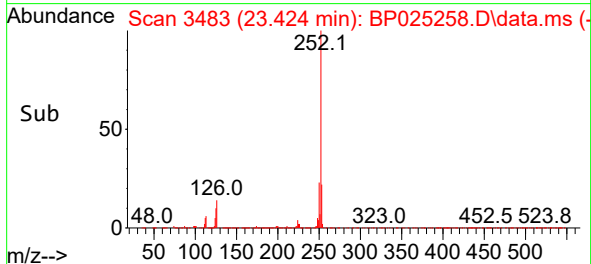
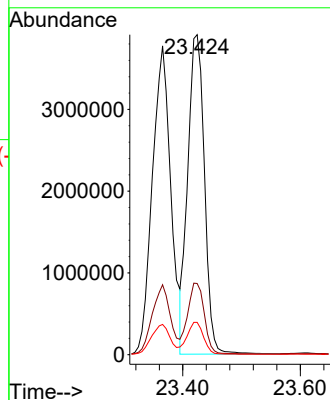
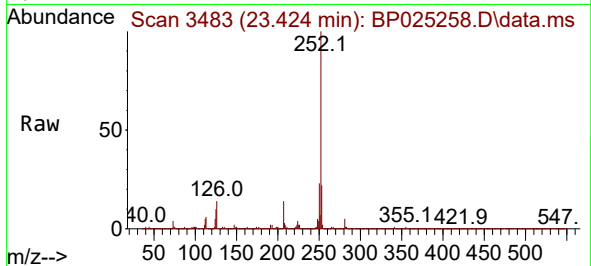




#89
Benzo(k)fluoranthene
Concen: 46.658 ng
RT: 23.424 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

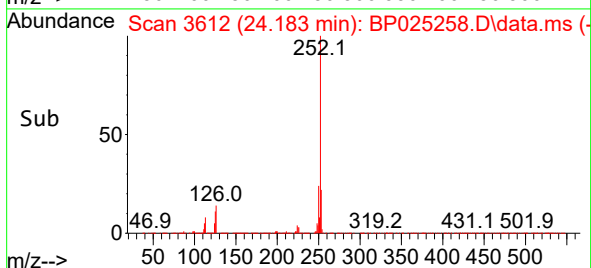
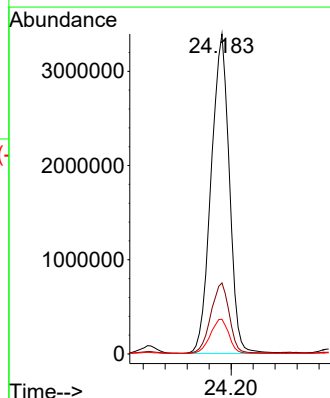
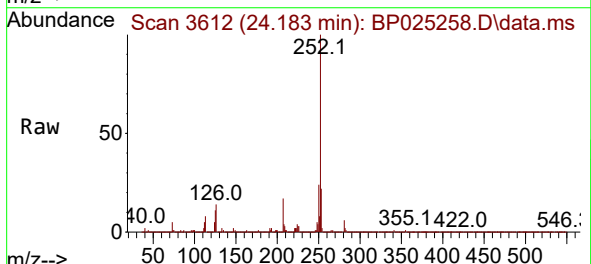
Instrument :
BNA_P
ClientSampleId :
ETGI-361MSD

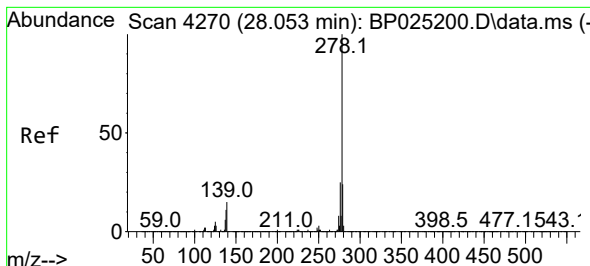
Tgt Ion:252 Resp: 7722618
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 47.699 ng
RT: 24.183 min Scan# 3612
Delta R.T. 0.012 min
Lab File: BP025258.D
Acq: 28 Jul 2025 21:47

Tgt Ion:252 Resp: 7802681
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.8 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 48.820 ng

RT: 27.860 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Instrument :

BNA_P

ClientSampleId :

ETGI-361MSD

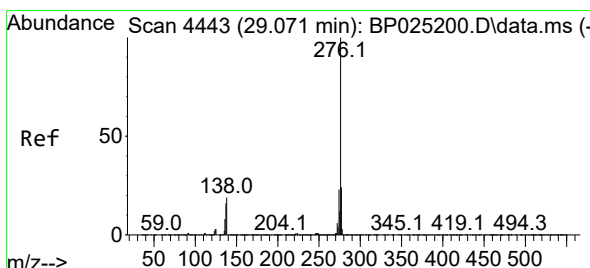
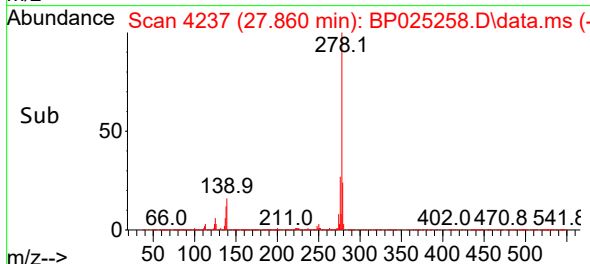
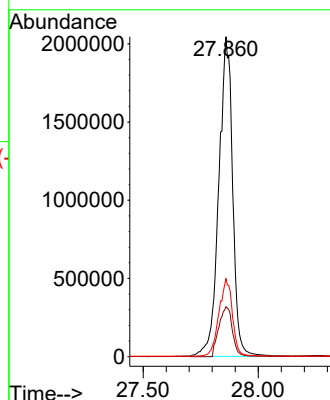
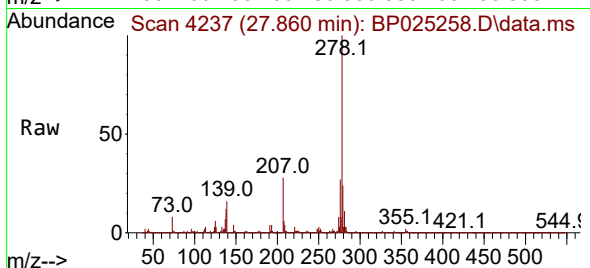
Tgt Ion:278 Resp: 8525404

Ion Ratio Lower Upper

278 100

139 15.6 12.0 18.0

279 24.3 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 49.910 ng

RT: 28.854 min Scan# 4406

Delta R.T. 0.024 min

Lab File: BP025258.D

Acq: 28 Jul 2025 21:47

Tgt Ion:276 Resp: 8565205

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 22.3 15.4 23.2

