

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025181.D
 Acq On : 17 Jul 2025 17:02
 Operator : CG/JU
 Sample : Q2622-01MSD 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2819MSD

Quant Time: Jul 17 17:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.442	152	621106	20.000	ng	0.00
21) Naphthalene-d8	10.189	136	2212311	20.000	ng	0.00
39) Acenaphthene-d10	14.107	164	1337255	20.000	ng	0.02
64) Phenanthrene-d10	16.948	188	2058431	20.000	ng	# 0.04
76) Chrysene-d12	21.395	240	2667867	20.000	ng	0.05
86) Perylene-d12	24.530	264	3715152	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.101	112	552332	15.757	ng	0.00
7) Phenol-d6	6.643	99	708296	15.484	ng	0.01
23) Nitrobenzene-d5	8.572	82	437975	13.166	ng	0.00
42) 2,4,6-Tribromophenol	15.648	330	330779	20.939	ng	0.03
45) 2-Fluorobiphenyl	12.695	172	1103680	12.786	ng	0.00
79) Terphenyl-d14	19.718	244	1644590	13.548	ng	0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.125	88	62972	4.620	ng	93
3) Pyridine	3.502	79	190267	5.098	ng	97
4) n-Nitrosodimethylamine	3.407	42	85561	5.415	ng	# 97
6) Aniline	6.784	93	279883	6.548	ng	99
8) 2-Chlorophenol	7.019	128	318563	8.122	ng	96
9) Benzaldehyde	6.601	77	152705	6.392	ng	97
10) Phenol	6.666	94	351924	7.571	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	271420	7.588	ng	97
12) 1,3-Dichlorobenzene	7.337	146	335837	7.651	ng	99
13) 1,4-Dichlorobenzene	7.472	146	362210	8.150	ng	99
14) 1,2-Dichlorobenzene	7.784	146	336678	7.875	ng	99
15) Benzyl Alcohol	7.678	79	250984	8.220	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	342898	7.372	ng	97
17) 2-Methylphenol	7.884	107	253618	8.471	ng	99
18) Hexachloroethane	8.495	117	124790	8.619	ng	93
19) n-Nitroso-di-n-propyla...	8.231	70	203316	7.494	ng	99
20) 3+4-Methylphenols	8.201	107	355056	8.466	ng	99
22) Acetophenone	8.242	105	455229	8.701	ng	# 98
24) Nitrobenzene	8.613	77	280842	8.288	ng	96
25) Isophorone	9.136	82	539507	8.678	ng	# 96
26) 2-Nitrophenol	9.313	139	151335	11.872	ng	99
27) 2,4-Dimethylphenol	9.389	122	308270	13.293	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	390915	9.261	ng	97
29) 2,4-Dichlorophenol	9.848	162	333768	10.380	ng	98
30) 1,2,4-Trichlorobenzene	10.054	180	350440	9.841	ng	98
31) Naphthalene	10.236	128	1009100	8.858	ng	99
32) Benzoic acid	9.484	122	233296	14.972	ng	97
33) 4-Chloroaniline	10.342	127	264547	6.223	ng	98
34) Hexachlorobutadiene	10.536	225	201801	9.875	ng	99
35) Caprolactam	11.125	113	95024	8.638	ng	# 41
36) 4-Chloro-3-methylphenol	11.489	107	340532	10.134	ng	93
37) 2-Methylnaphthalene	11.866	142	722484	8.989	ng	99
38) 1-Methylnaphthalene	12.083	142	743648m	9.487	ng	
40) 1,2,4,5-Tetrachloroben...	12.248	216	382550	9.954	ng	# 96
41) Hexachlorocyclopentadiene	12.230	237	248490	24.753	ng	99
43) 2,4,6-Trichlorophenol	12.495	196	239969	10.312	ng	98

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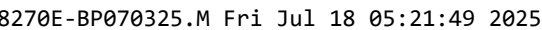
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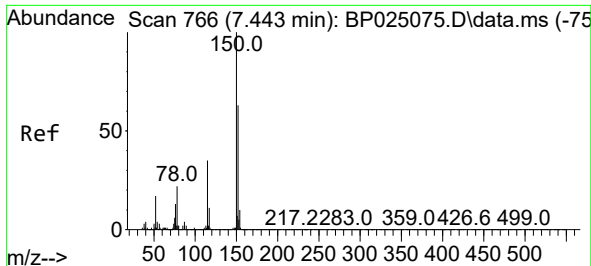
Quant Time: Jul 17 17:23:53 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	253433	9.609	ng	# 67
46) 1,1'-Biphenyl	12.907	154	868111	8.922	ng	98
47) 2-Chloronaphthalene	12.948	162	665826	9.105	ng	95
48) 2-Nitroaniline	13.154	65	160890	11.228	ng	92
49) Acenaphthylene	13.813	152	1096749	9.799	ng	# 82
50) Dimethylphthalate	13.560	163	794168	8.484	ng	# 84
51) 2,6-Dinitrotoluene	13.660	165	715677	39.201	ng	# 45
52) Acenaphthene	14.172	154	646454	8.961	ng	93
53) 3-Nitroaniline	13.995	138	109633	5.603	ng	# 80
54) 2,4-Dinitrophenol	14.219	184	58047	11.453	ng	# 48
55) Dibenzofuran	14.524	168	1063287	8.931	ng	# 88
56) 4-Nitrophenol	14.330	139	302980	16.781	ng	# 1
57) 2,4-Dinitrotoluene	14.483	165	290327	12.877	ng	# 71
58) Fluorene	15.195	166	854948	9.284	ng	# 81
59) 2,3,4,6-Tetrachlorophenol	14.760	232	238527	9.987	ng	# 53
60) Diethylphthalate	14.971	149	755997	8.041	ng	# 73
61) 4-Chlorophenyl-phenyle...	15.195	204	544262	11.943	ng	# 44
62) 4-Nitroaniline	15.195	138	199851m	9.741	ng	
63) Azobenzene	15.495	77	581310	6.943	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.277	198	33572	8.746	ng	# 1
66) n-Nitrosodiphenylamine	15.407	169	743918	12.628	ng	# 95
67) 4-Bromophenyl-phenylether	16.118	248	218900	10.386	ng	# 52
68) Hexachlorobenzene	16.248	284	289246	11.228	ng	# 37
69) Atrazine	16.424	200	381480	22.099	ng	# 13
70) Pentachlorophenol	16.601	266	371599	21.359	ng	97
71) Phenanthrene	17.001	178	1342834	12.209	ng	# 55
72) Anthracene	17.089	178	1074408	10.182	ng	# 67
73) Carbazole	17.360	167	937350	9.085	ng	# 56
74) Di-n-butylphthalate	17.989	149	1183423	10.300	ng	# 73
75) Fluoranthene	19.107	202	2439592	18.975	ng	86
78) Pyrene	19.483	202	2561110	15.499	ng	# 91
80) Butylbenzylphthalate	20.459	149	616117	12.617	ng	89
81) Benzo(a)anthracene	21.371	228	2006570	12.411	ng	97
82) 3,3'-Dichlorobenzidine	21.301	252	395065	8.117	ng	# 93
83) Chrysene	21.442	228	1989426	12.787	ng	98
84) Bis(2-ethylhexyl)phtha...	21.354	149	1178735	13.592	ng	# 93
85) Di-n-octyl phthalate	22.559	149	1769819	15.814	ng	# 79
87) Indeno(1,2,3-cd)pyrene	28.077	276	2483741m	10.494	ng	
88) Benzo(b)fluoranthene	23.559	252	2395141	11.076	ng	# 94
89) Benzo(k)fluoranthene	23.618	252	1938168	9.008	ng	# 94
90) Benzo(a)pyrene	24.395	252	2354349	12.792	ng	# 96
91) Dibenzo(a,h)anthracene	28.159	278	1790861	9.154	ng	98
92) Benzo(g,h,i)perylene	29.165	276	2429852	12.023	ng	99

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

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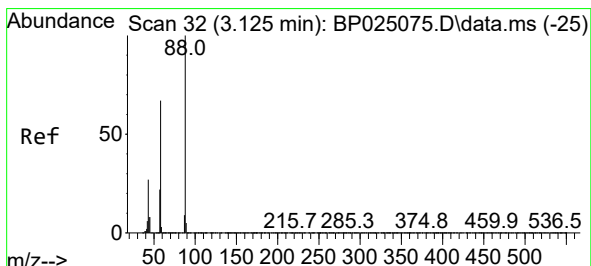
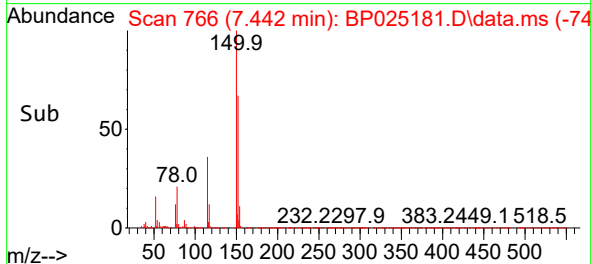
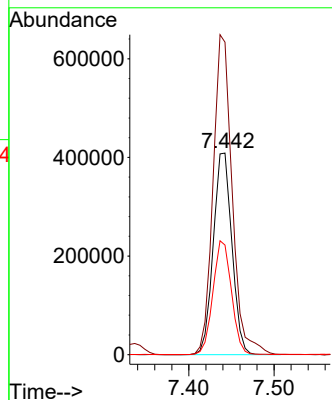
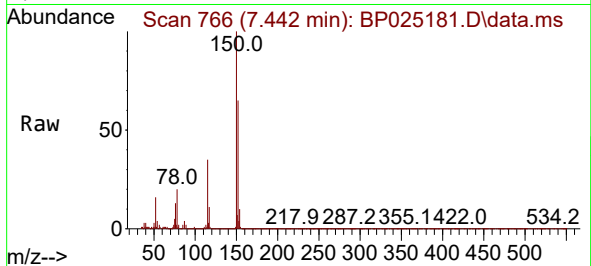




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.442 min Scan# 7
 Delta R.T. -0.001 min
 Lab File: BP025181.D
 Acq: 17 Jul 2025 17:02

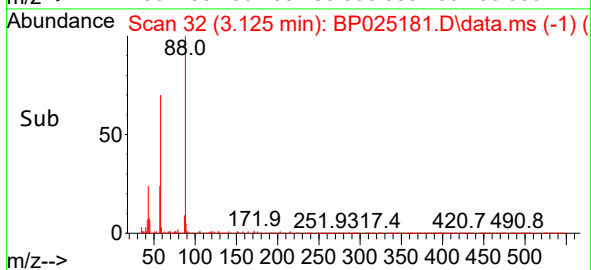
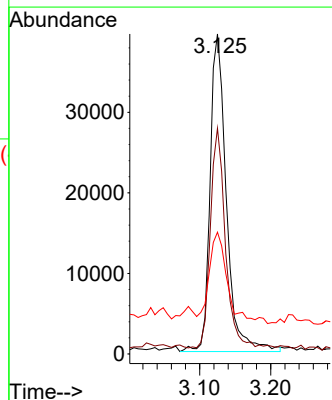
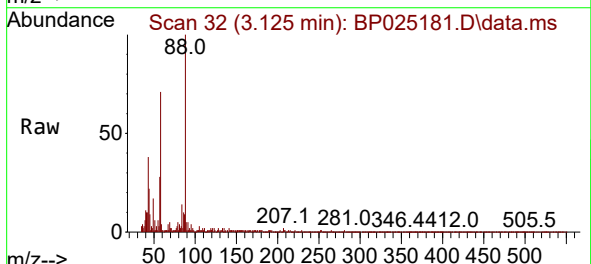
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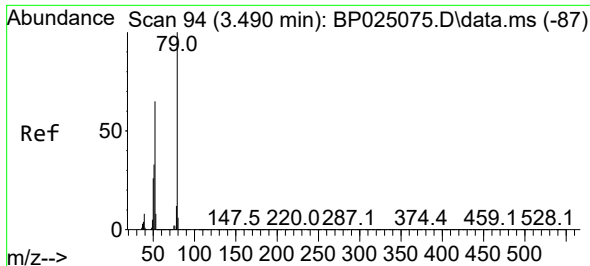
Tgt Ion:152 Resp: 621106
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.1 189.1
 115 54.4 44.3 66.5



#2
 1,4-Dioxane
 Concen: 4.620 ng
 RT: 3.125 min Scan# 32
 Delta R.T. -0.000 min
 Lab File: BP025181.D
 Acq: 17 Jul 2025 17:02

Tgt Ion: 88 Resp: 62972
 Ion Ratio Lower Upper
 88 100
 58 63.7 55.0 82.4
 43 31.5 21.9 32.9

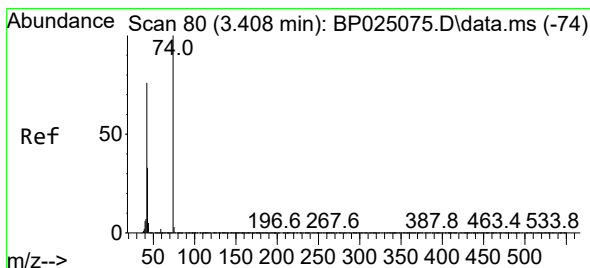
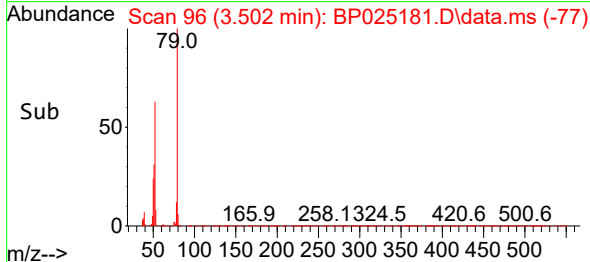
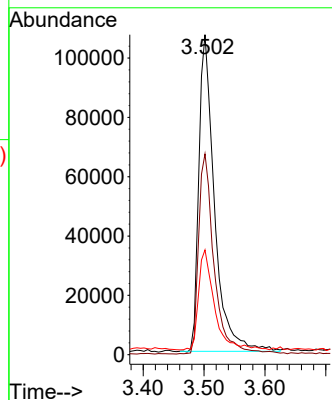
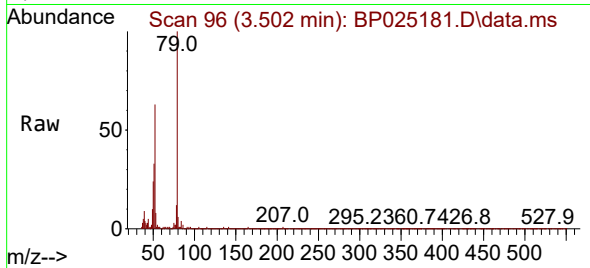




#3
 Pyridine
 Concen: 5.098 ng
 RT: 3.502 min Scan# 94
 Delta R.T. 0.011 min
 Lab File: BP025181.D
 Acq: 17 Jul 2025 17:02

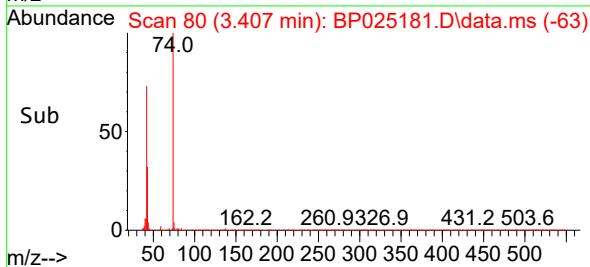
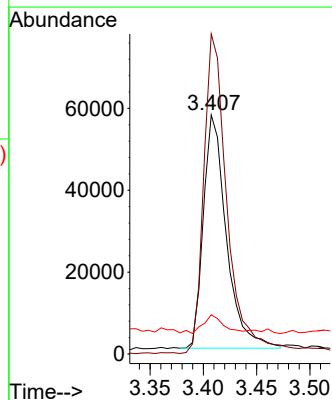
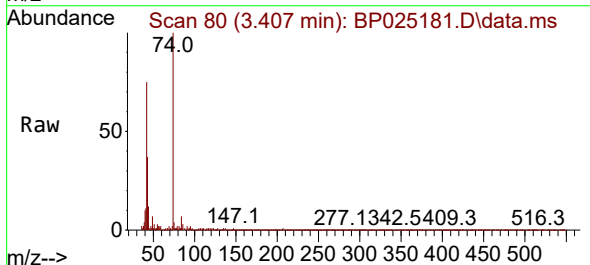
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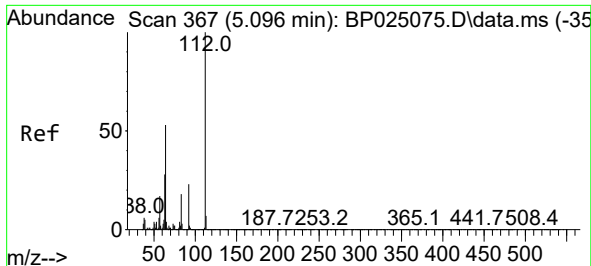
Tgt Ion: 79 Resp: 190267
 Ion Ratio Lower Upper
 79 100
 52 62.8 52.2 78.4
 51 32.8 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 5.415 ng
 RT: 3.407 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP025181.D
 Acq: 17 Jul 2025 17:02

Tgt Ion: 42 Resp: 85561
 Ion Ratio Lower Upper
 42 100
 74 133.9 105.2 157.8
 44 16.4 6.6 9.8

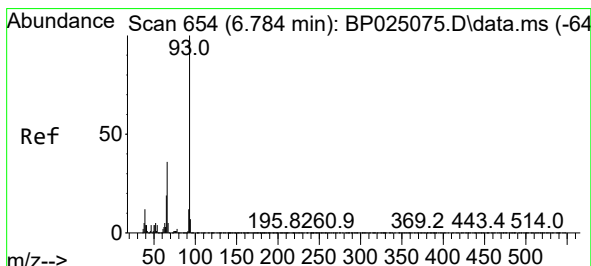
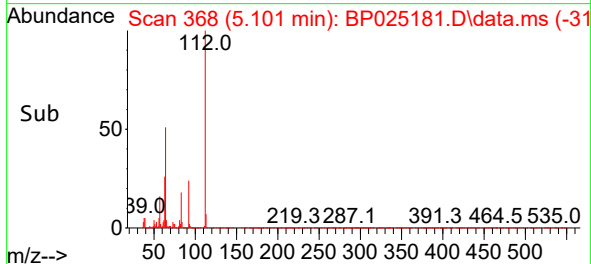
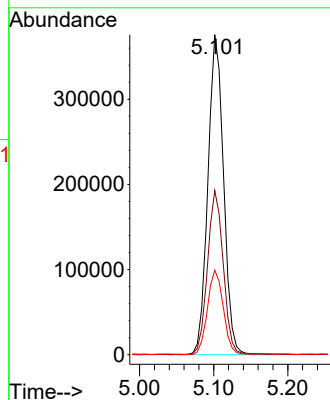
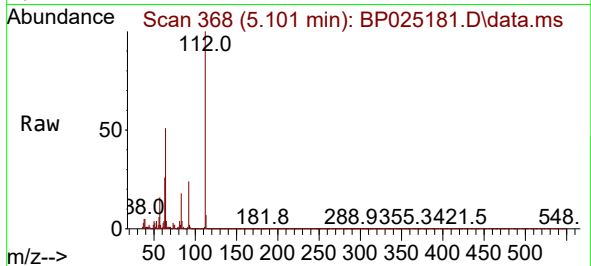




#5
2-Fluorophenol
Concen: 15.757 ng
RT: 5.101 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

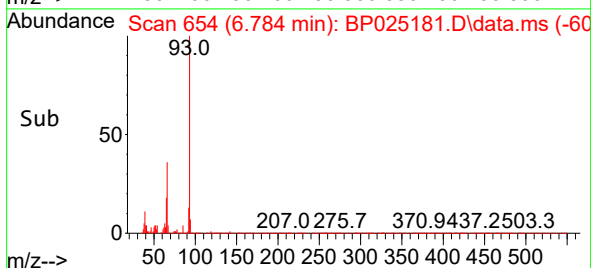
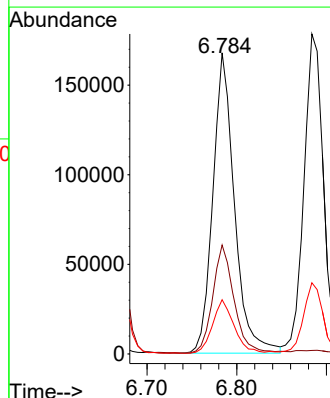
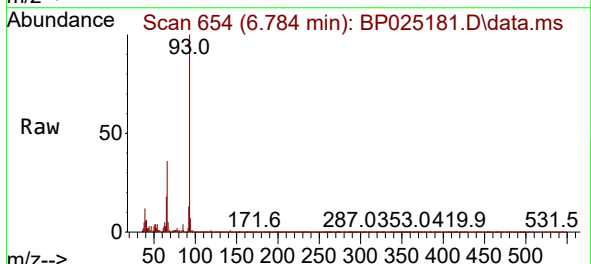
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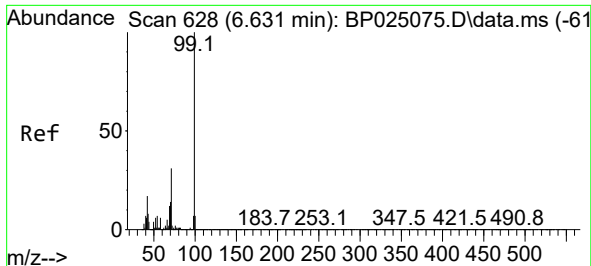
Tgt Ion:112 Resp: 552332
Ion Ratio Lower Upper
112 100
64 51.3 42.0 63.0
63 26.4 22.2 33.2



#6
Aniline
Concen: 6.548 ng
RT: 6.784 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion: 93 Resp: 279883
Ion Ratio Lower Upper
93 100
66 36.2 28.9 43.3
65 18.0 15.2 22.8

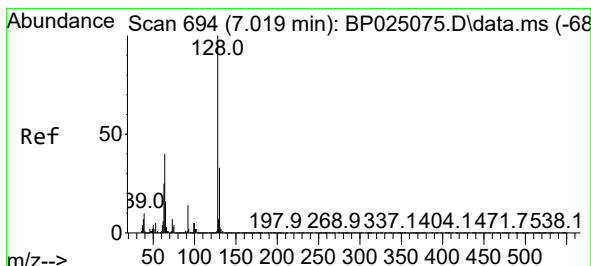
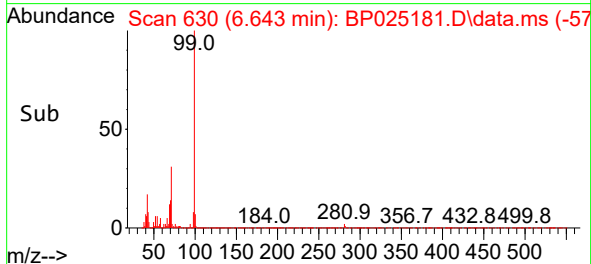
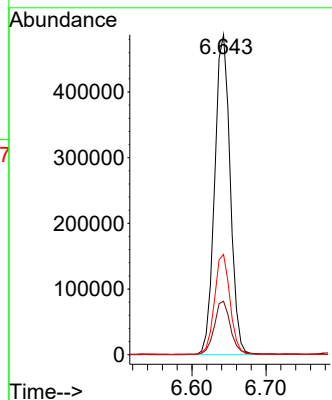
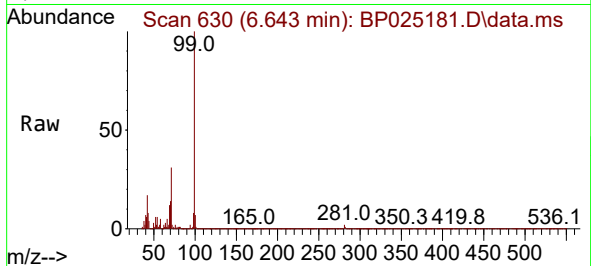




#7
Phenol-d6
Concen: 15.484 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

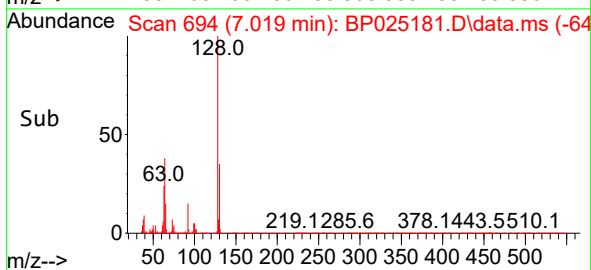
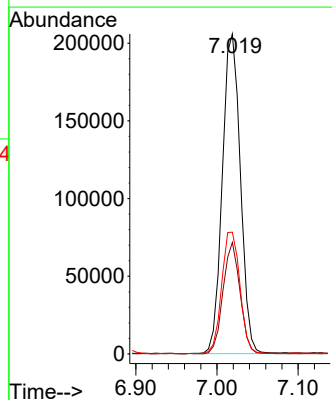
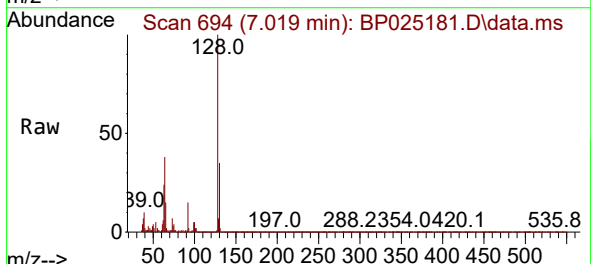
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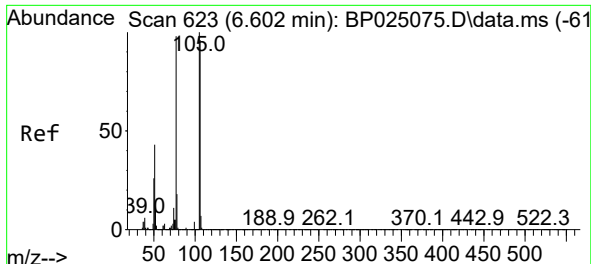
Tgt Ion: 99 Resp: 708296
Ion Ratio Lower Upper
99 100
42 16.7 13.6 20.4
71 31.3 24.4 36.6



#8
2-Chlorophenol
Concen: 8.122 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion: 128 Resp: 318563
Ion Ratio Lower Upper
128 100
130 34.8 12.9 52.9
64 38.1 20.3 60.3

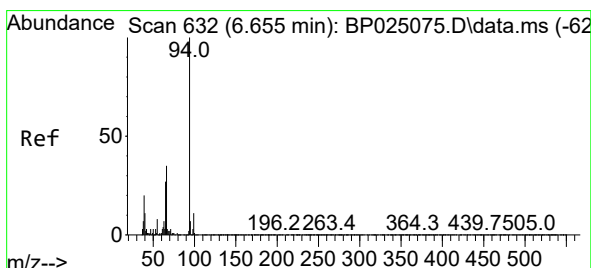
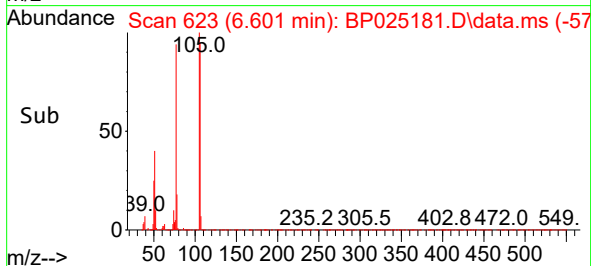
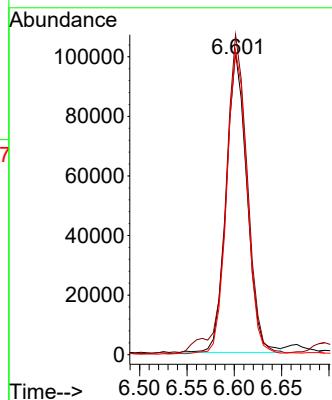
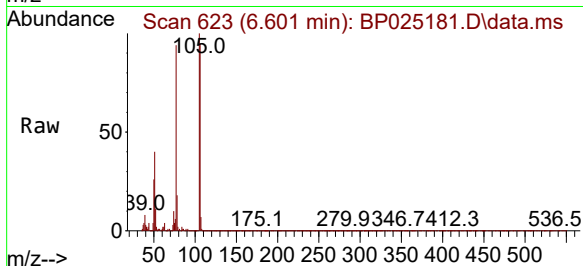




#9
Benzaldehyde
Concen: 6.392 ng
RT: 6.601 min Scan# 61
Delta R.T. -0.001 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

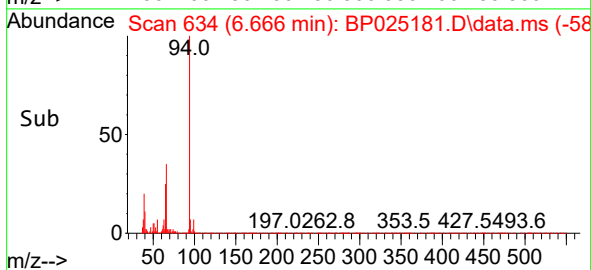
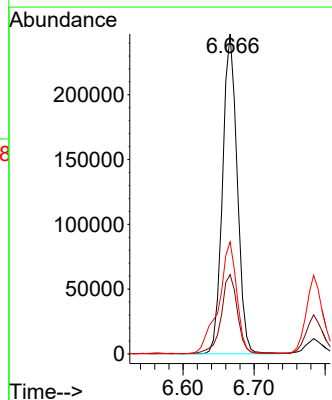
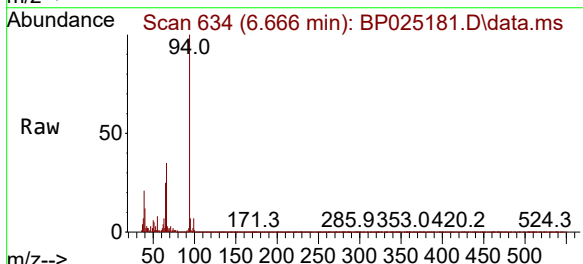
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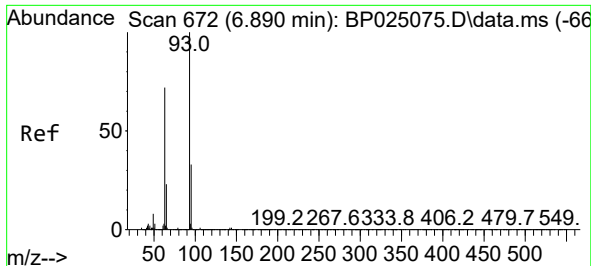
Tgt Ion: 77 Resp: 152705
Ion Ratio Lower Upper
77 100
105 105.9 82.4 122.4
106 100.7 78.3 118.3



#10
Phenol
Concen: 7.571 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion: 94 Resp: 351924
Ion Ratio Lower Upper
94 100
65 24.8 6.9 46.9
66 35.0 14.6 54.6





#11

bis(2-Chloroethyl)ether

Concen: 7.588 ng

RT: 6.884 min Scan# 6

Delta R.T. -0.006 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

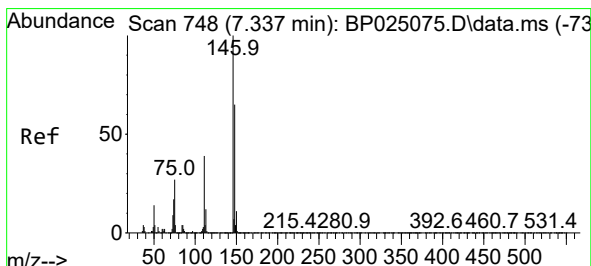
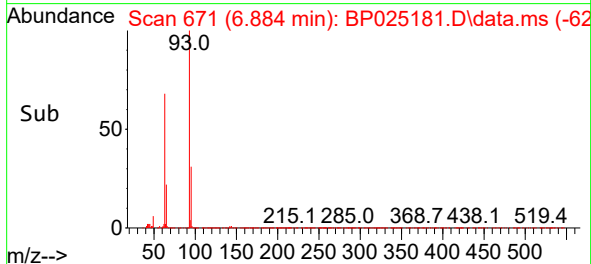
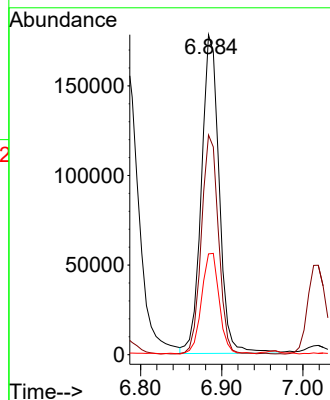
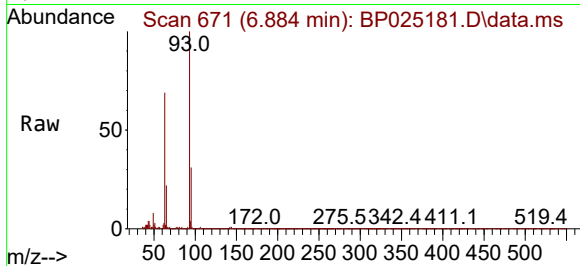
Tgt Ion: 93 Resp: 271420

Ion Ratio Lower Upper

93 100

63 68.6 51.9 91.9

95 31.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 7.651 ng

RT: 7.337 min Scan# 748

Delta R.T. -0.000 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

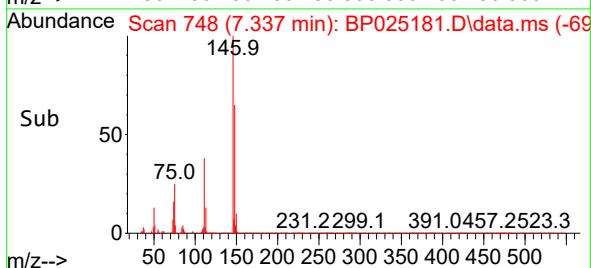
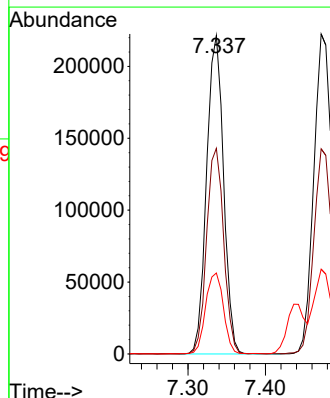
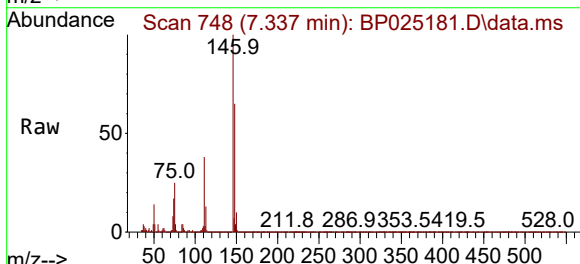
Tgt Ion:146 Resp: 335837

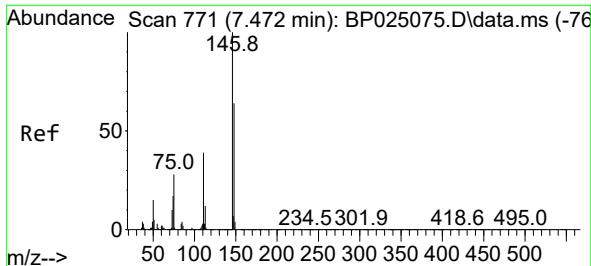
Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

75 25.4 21.8 32.6

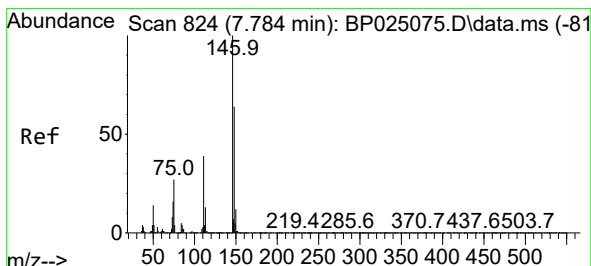
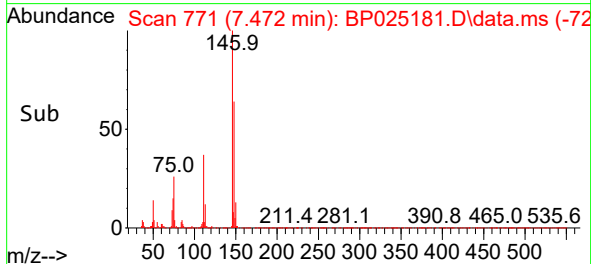
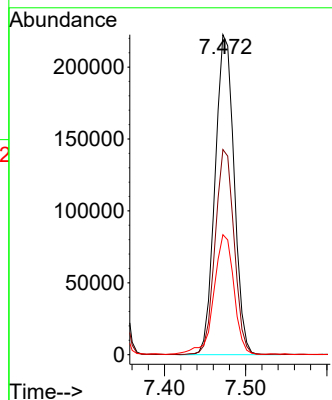
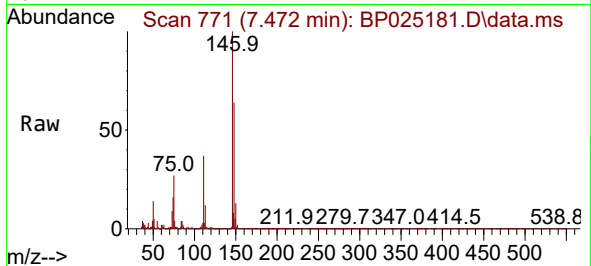




#13
1,4-Dichlorobenzene
Concen: 8.150 ng
RT: 7.472 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

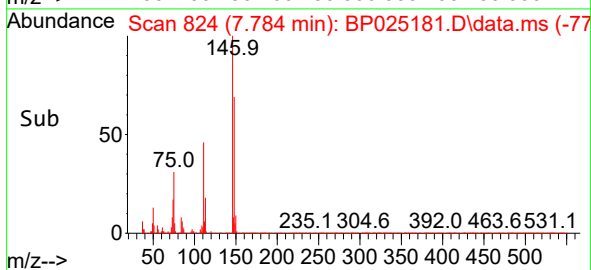
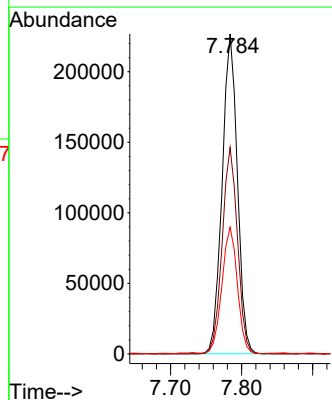
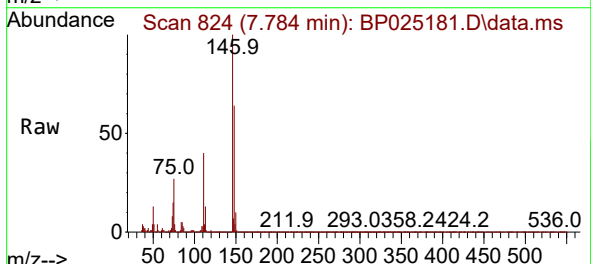
Instrument :
BNA_P
ClientSampleId :
2819MSD

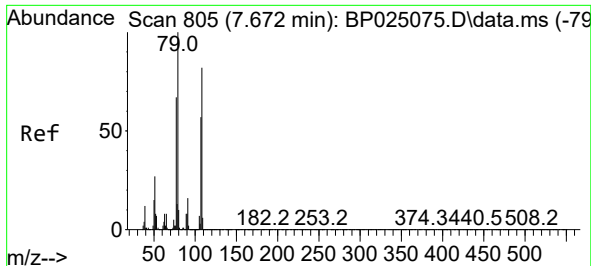
Tgt Ion:146 Resp: 362210
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 37.5 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 7.875 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:146 Resp: 336678
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 39.6 31.2 46.8

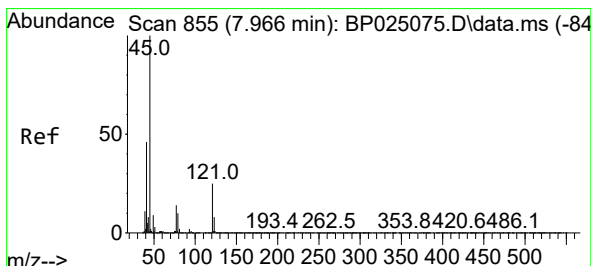
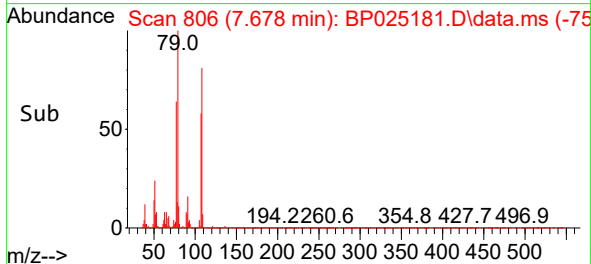
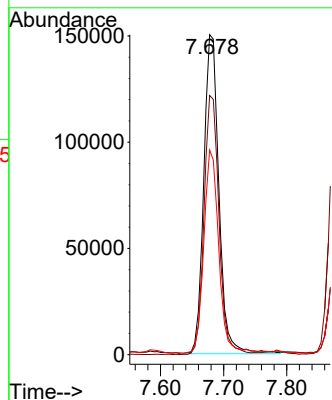
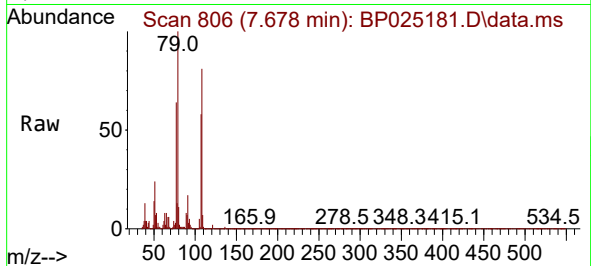




#15
Benzyl Alcohol
Concen: 8.220 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

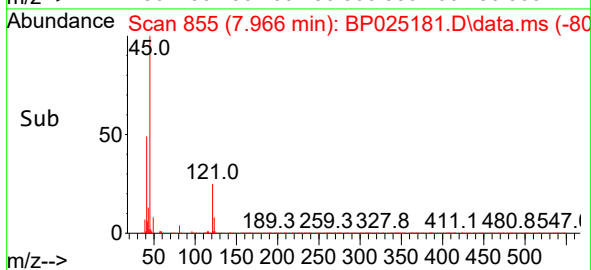
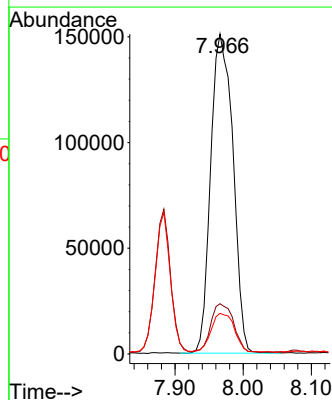
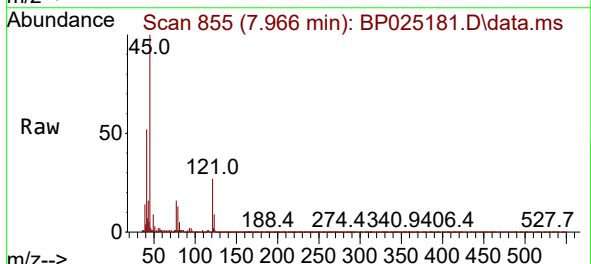
Instrument :
BNA_P
ClientSampleId :
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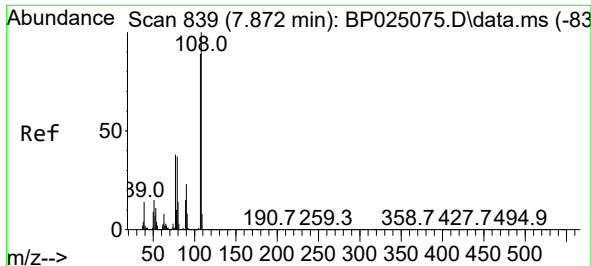
Tgt Ion: 79 Resp: 250984
Ion Ratio Lower Upper
79 100
108 81.0 66.0 99.0
77 64.0 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.372 ng
RT: 7.966 min Scan# 855
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

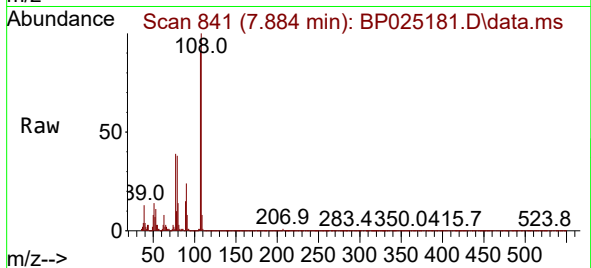
Tgt Ion: 45 Resp: 342898
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.8
79 12.7 0.0 30.7



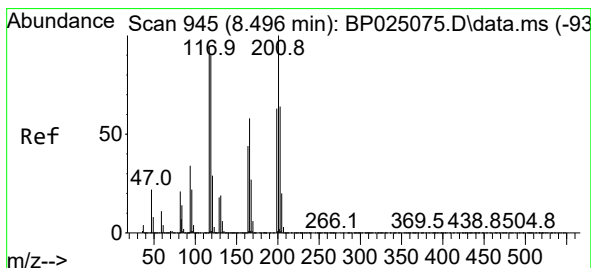
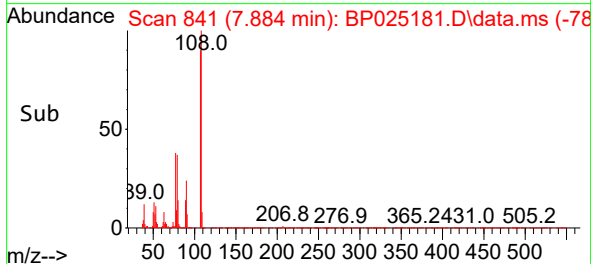
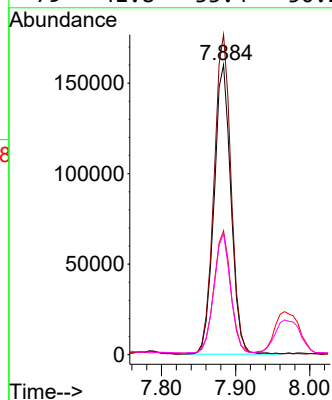


#17
2-Methylphenol
Concen: 8.471 ng
RT: 7.884 min Scan# 841
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Instrument :
BNA_P
ClientSampleId :
2819MSD

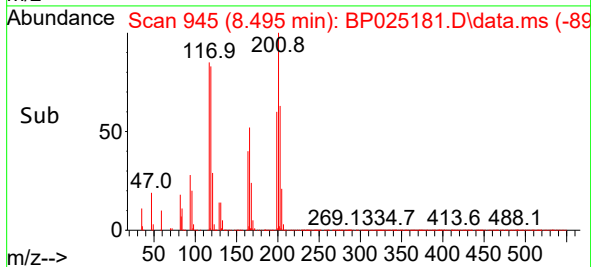
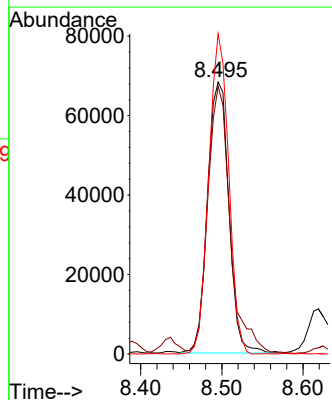
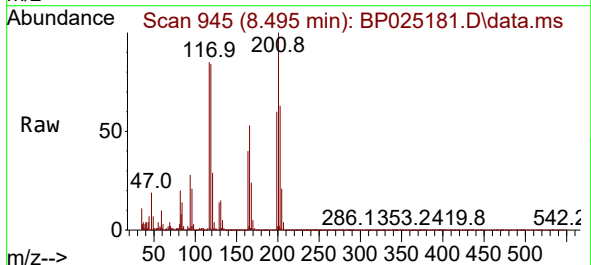


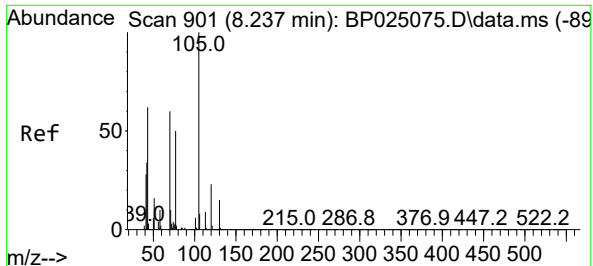
Tgt Ion:107 Resp: 253618
Ion Ratio Lower Upper
107 100
108 110.3 89.7 134.5
77 42.8 34.2 51.4
79 41.8 33.4 50.2



#18
Hexachloroethane
Concen: 8.619 ng
RT: 8.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:117 Resp: 124790
Ion Ratio Lower Upper
117 100
119 98.5 76.6 115.0
201 117.6 85.4 128.2

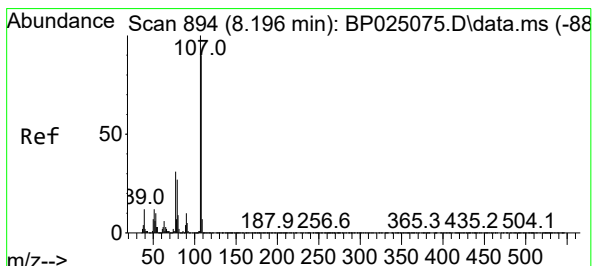
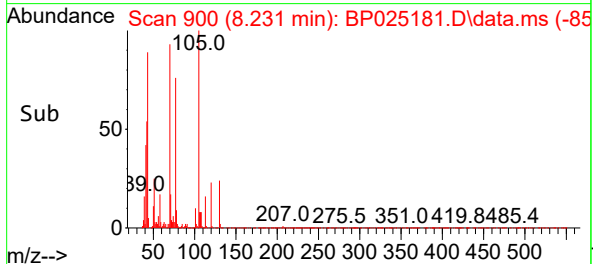
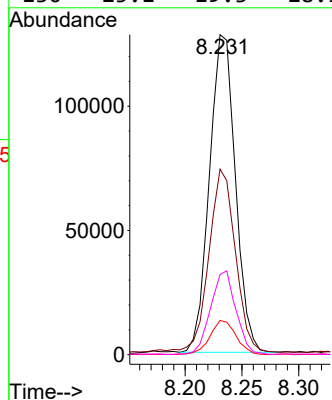
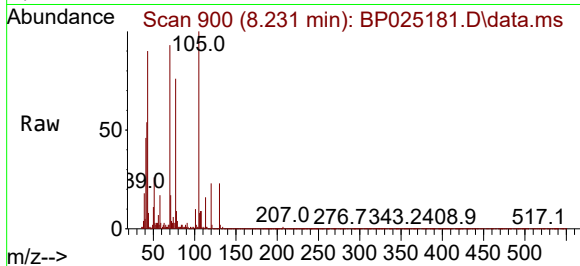




#19
n-Nitroso-di-n-propylamine
Concen: 7.494 ng
RT: 8.231 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

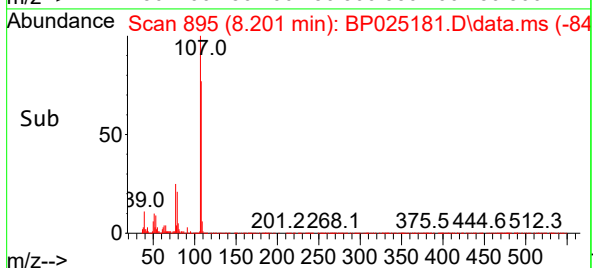
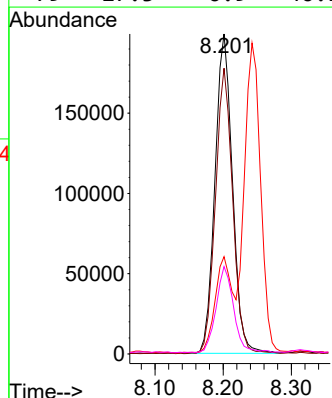
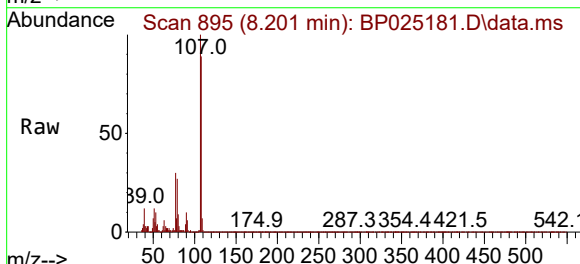
Instrument :
BNA_P
ClientSampleId :
2819MSD

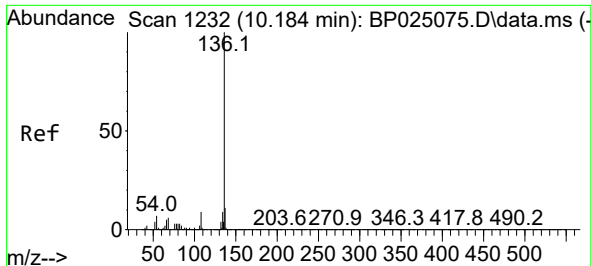
Tgt Ion: 70 Resp: 203316
Ion Ratio Lower Upper
70 100
42 58.0 46.5 69.7
101 10.7 7.9 11.9
130 25.1 19.3 28.9



#20
3+4-Methylphenols
Concen: 8.466 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion: 107 Resp: 355056
Ion Ratio Lower Upper
107 100
108 89.3 69.5 109.5
77 30.4 11.4 51.4
79 27.3 6.9 46.9



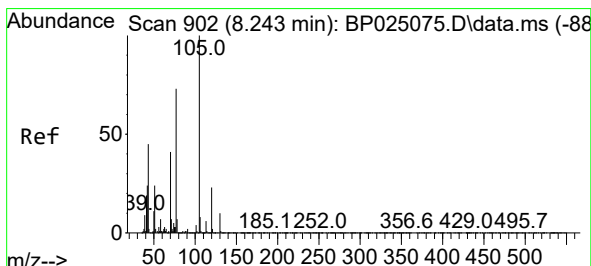
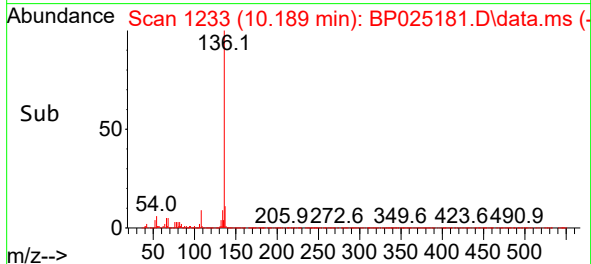
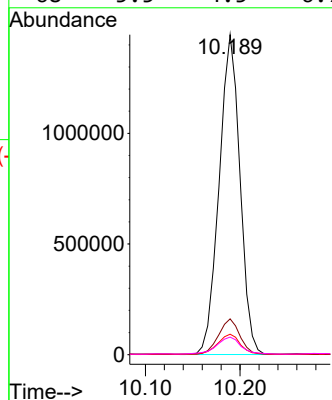
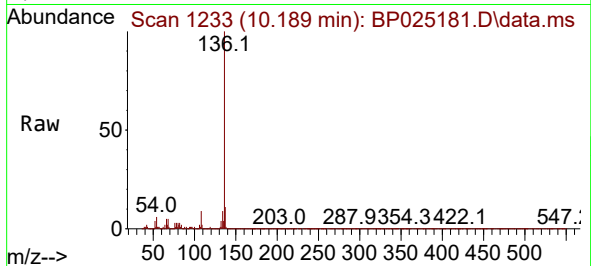


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.189 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Instrument :
BNA_P
ClientSampleId :
2819MSD

Tgt Ion:136 Resp: 2212311

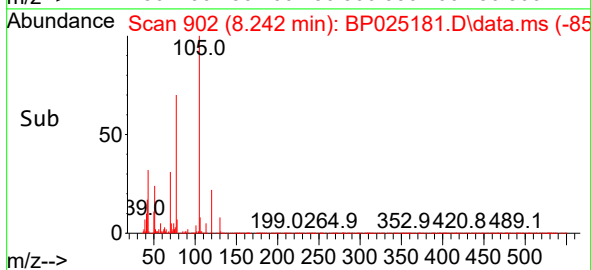
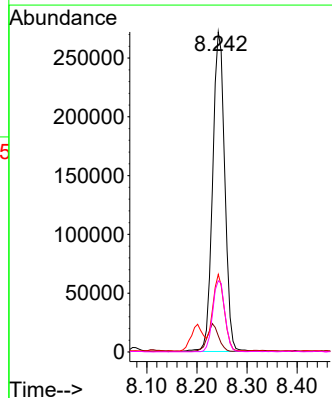
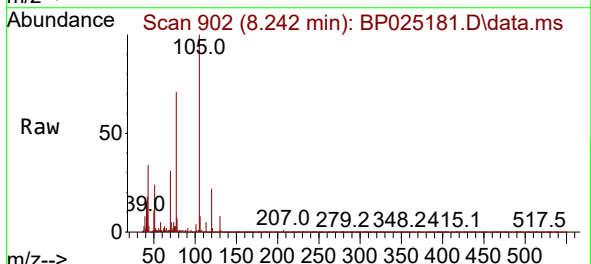
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.4	5.4	8.2
68	5.5	4.5	6.7

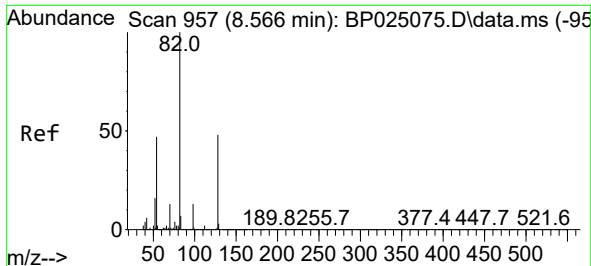


#22
Acetophenone
Concen: 8.701 ng
RT: 8.242 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:105 Resp: 455229

Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.4	8.2#
51	24.2	19.6	29.4
120	22.3	18.8	28.2

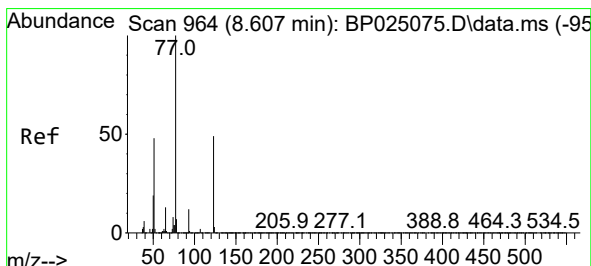
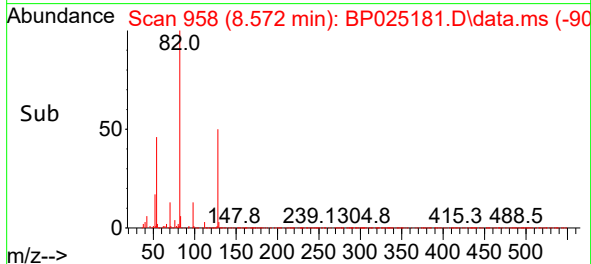
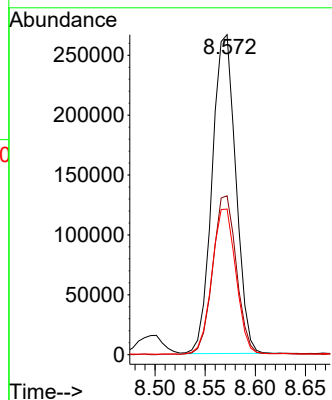
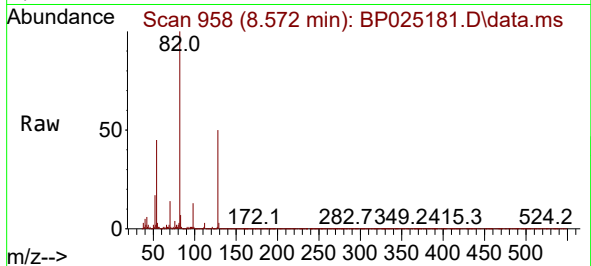




#23
Nitrobenzene-d5
Concen: 13.166 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

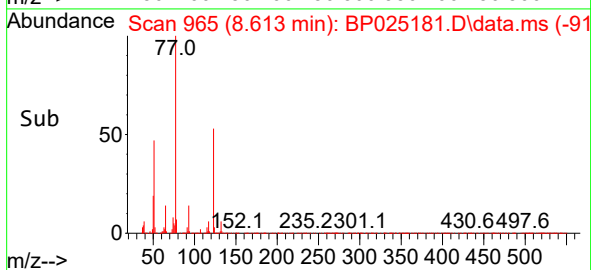
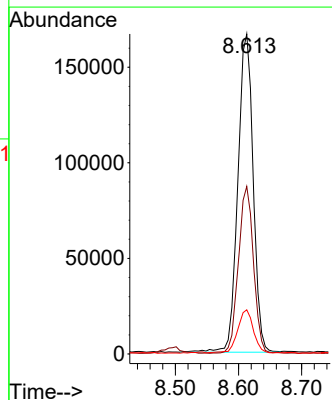
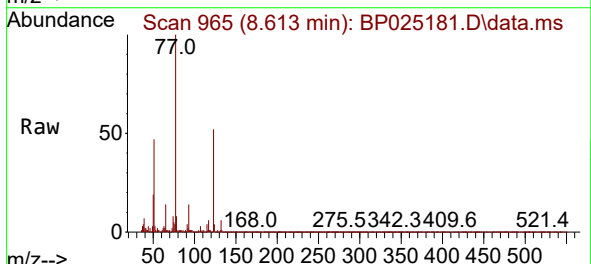
Instrument :
BNA_P
ClientSampleId :
2819MSD

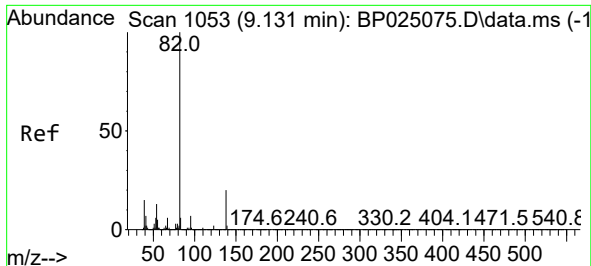
Tgt Ion: 82 Resp: 437975
Ion Ratio Lower Upper
82 100
128 49.7 38.4 57.6
54 45.5 37.8 56.6



#24
Nitrobenzene
Concen: 8.288 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion: 77 Resp: 280842
Ion Ratio Lower Upper
77 100
123 52.4 39.0 58.6
65 13.8 10.7 16.1





#25

Isophorone

Concen: 8.678 ng

RT: 9.136 min Scan# 1053

Delta R.T. 0.006 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

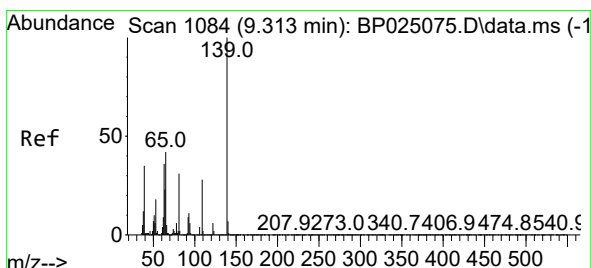
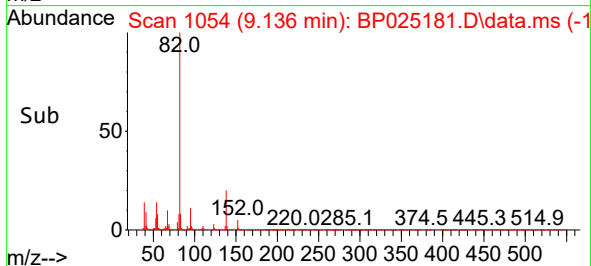
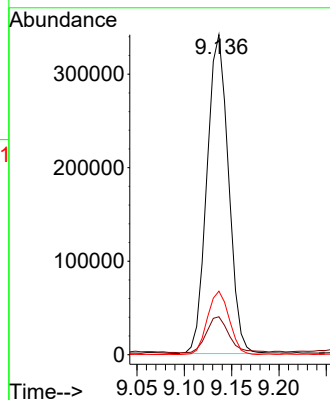
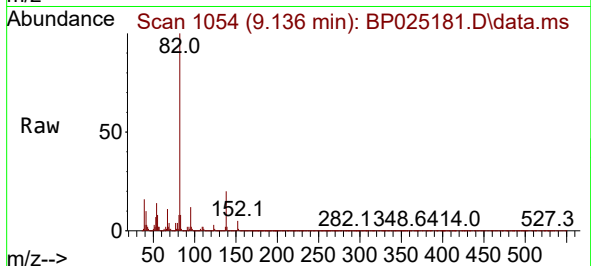
Tgt Ion: 82 Resp: 539507

Ion Ratio Lower Upper

82 100

95 11.9 5.8 8.6#

138 19.9 15.7 23.5



#26

2-Nitrophenol

Concen: 11.872 ng

RT: 9.313 min Scan# 1084

Delta R.T. -0.000 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

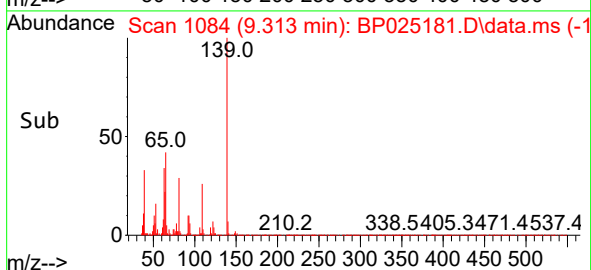
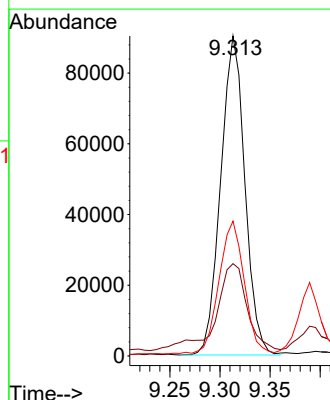
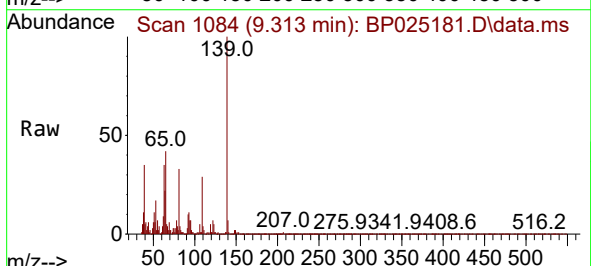
Tgt Ion:139 Resp: 151335

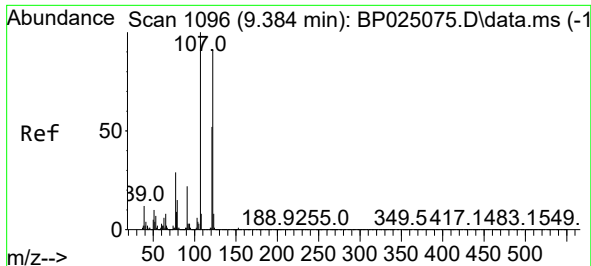
Ion Ratio Lower Upper

139 100

109 28.8 22.3 33.5

65 42.2 33.8 50.8

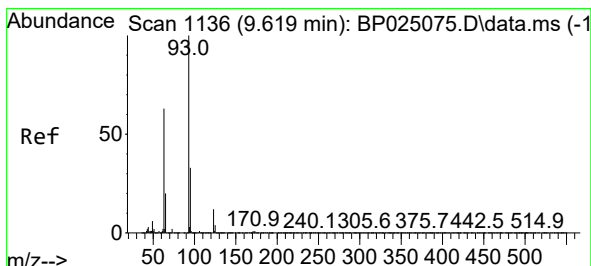
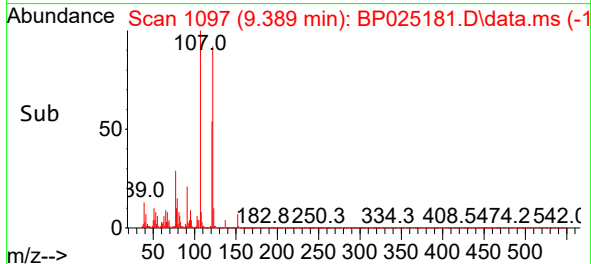
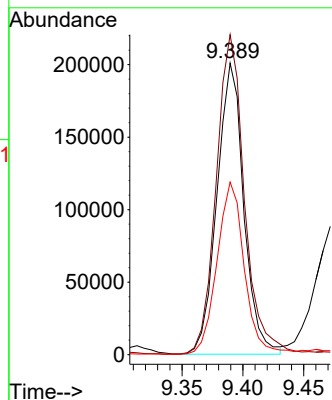
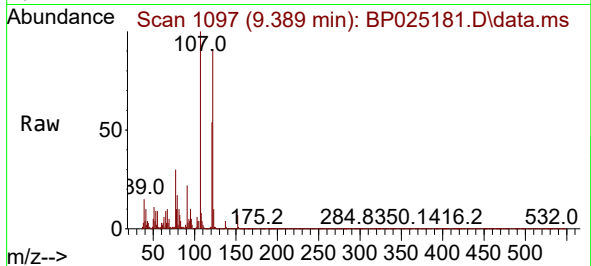




#27
2,4-Dimethylphenol
Concen: 13.293 ng
RT: 9.389 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

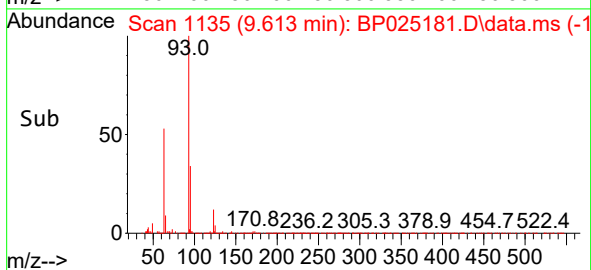
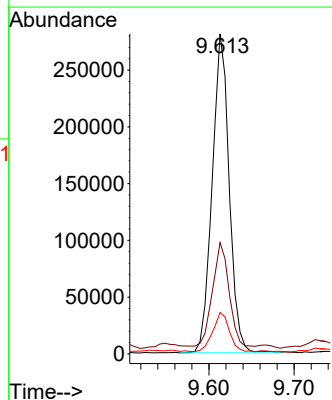
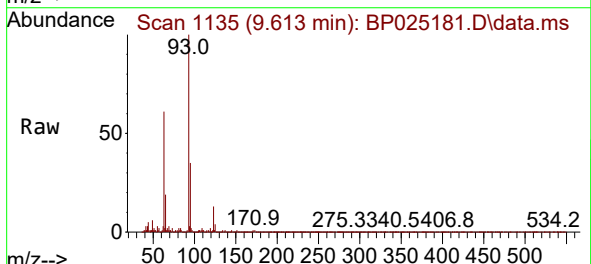
Instrument :
BNA_P
ClientSampleId :
2819MSD

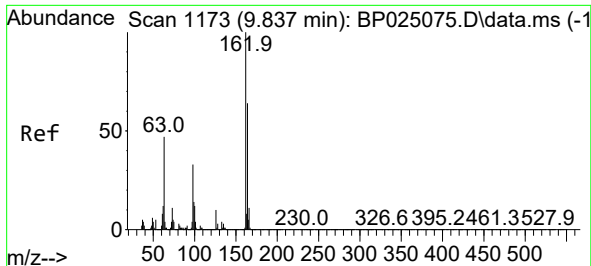
Tgt Ion:122 Resp: 308270
Ion Ratio Lower Upper
122 100
107 109.7 88.2 132.2
121 59.2 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 9.261 ng
RT: 9.613 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion: 93 Resp: 390915
Ion Ratio Lower Upper
93 100
95 34.8 26.4 39.6
123 13.0 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 10.380 ng

RT: 9.848 min Scan# 1173

Delta R.T. 0.011 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

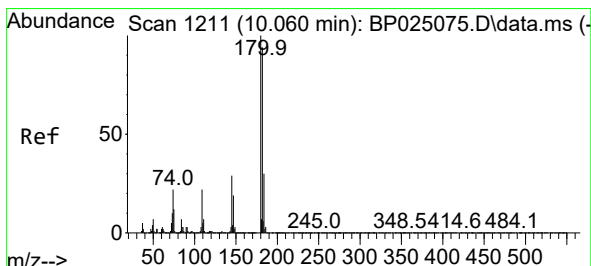
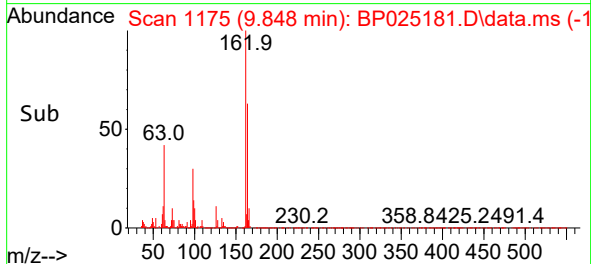
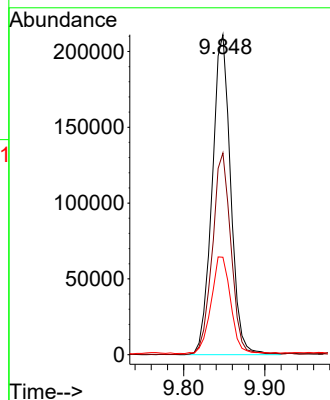
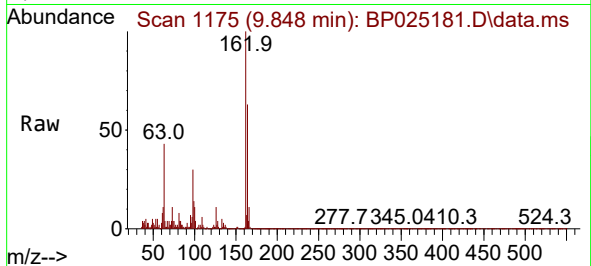
Tgt Ion:162 Resp: 333768

Ion Ratio Lower Upper

162 100

164 63.1 44.1 84.1

98 30.4 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 9.841 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

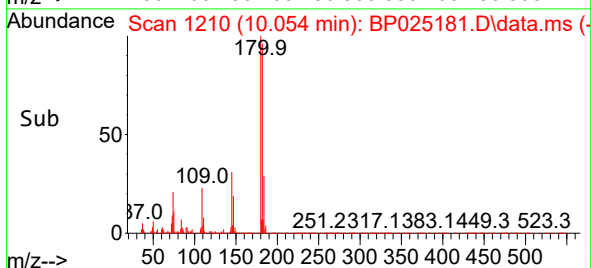
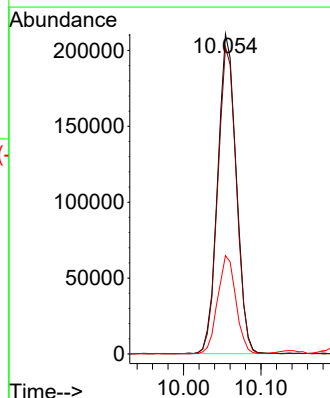
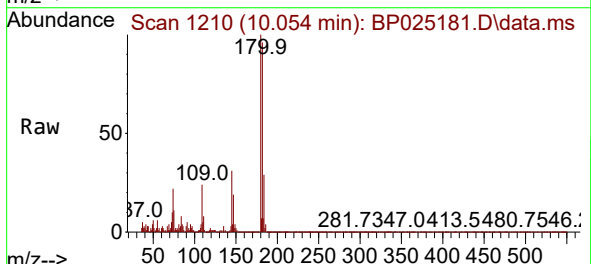
Tgt Ion:180 Resp: 350440

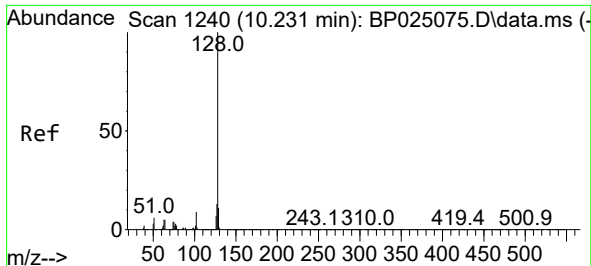
Ion Ratio Lower Upper

180 100

182 95.9 75.1 112.7

145 30.7 23.3 34.9

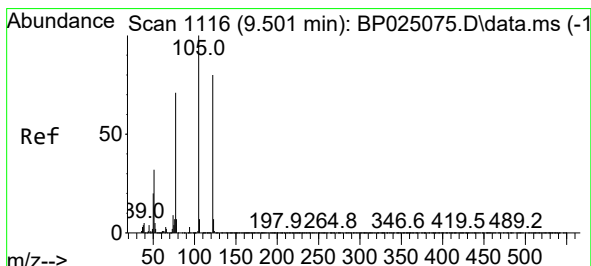
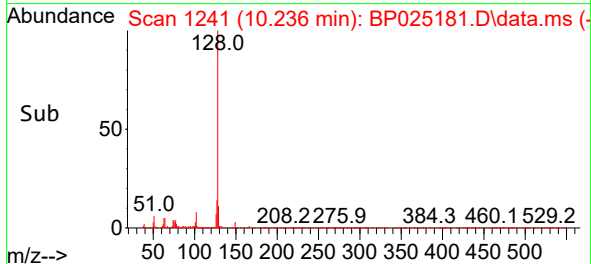
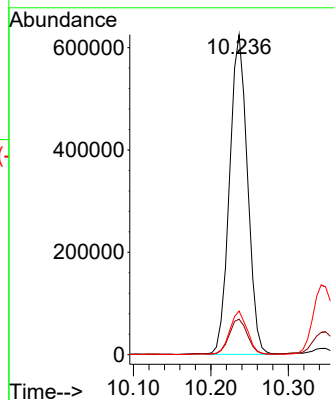
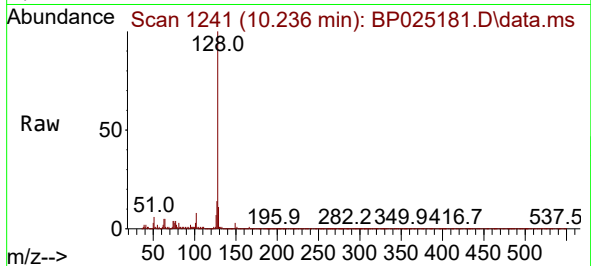




#31
Naphthalene
Concen: 8.858 ng
RT: 10.236 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

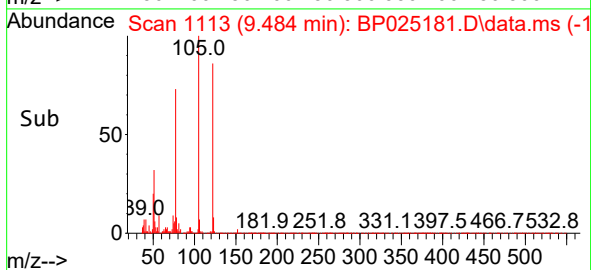
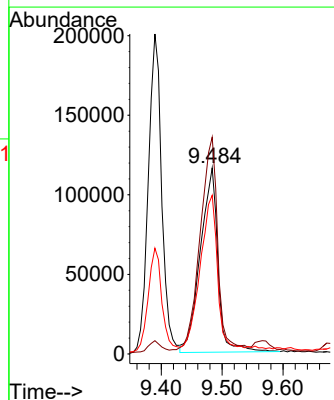
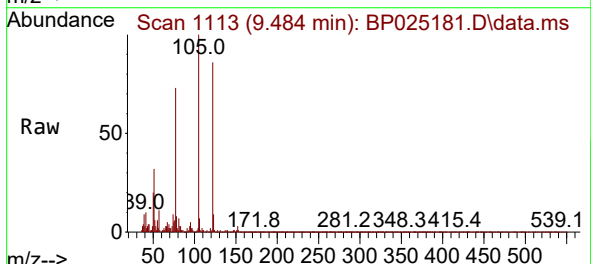
Instrument :
BNA_P
ClientSampleId :
2819MSD

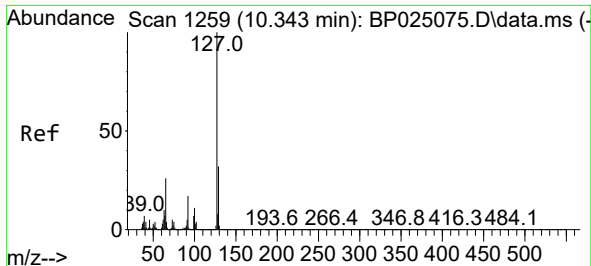
Tgt Ion:128 Resp: 1009100
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.7 10.4 15.6



#32
Benzoic acid
Concen: 14.972 ng
RT: 9.484 min Scan# 1113
Delta R.T. -0.017 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:122 Resp: 233296
Ion Ratio Lower Upper
122 100
105 116.6 101.0 141.0
77 85.3 67.6 107.6

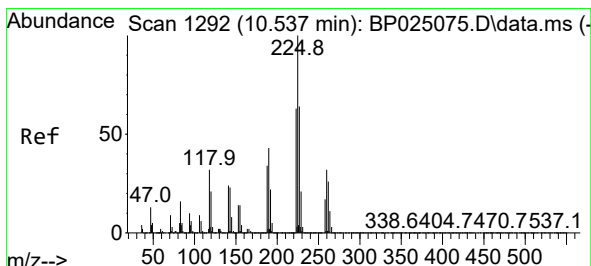
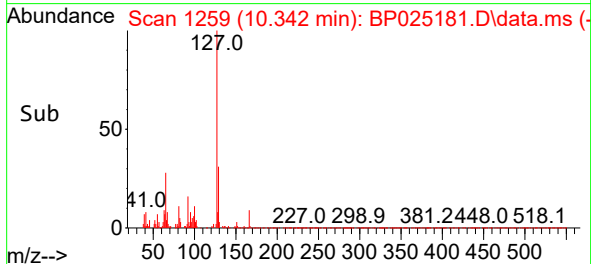
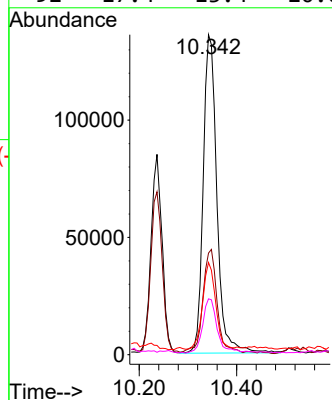
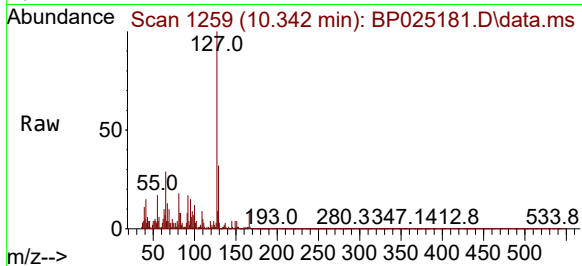




#33
4-Chloroaniline
Concen: 6.223 ng
RT: 10.342 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

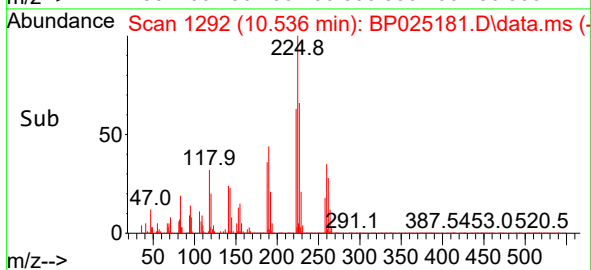
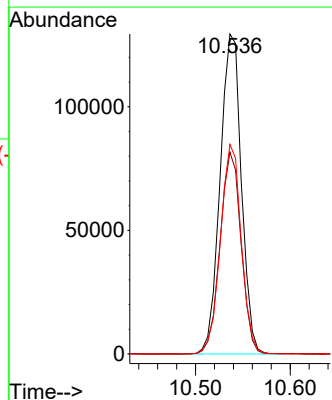
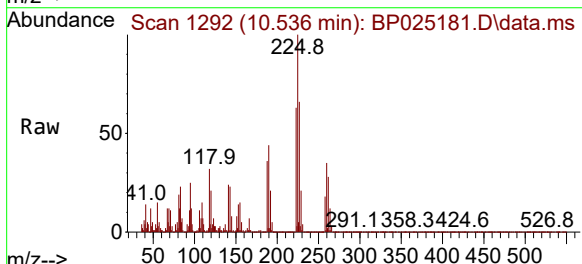
Instrument :
BNA_P
ClientSampleId :
2819MSD

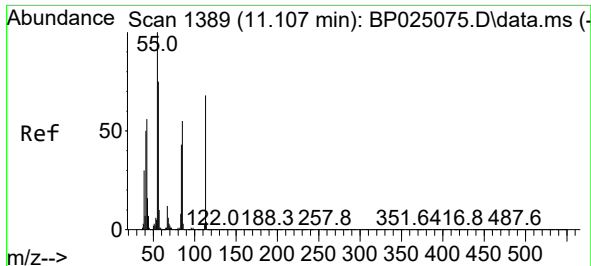
Tgt Ion:	127	Resp:	264547
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	28.8	21.0	31.6
92	17.4	13.4	20.0



#34
Hexachlorobutadiene
Concen: 9.875 ng
RT: 10.536 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:	225	Resp:	201801
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	65.5	51.3	76.9

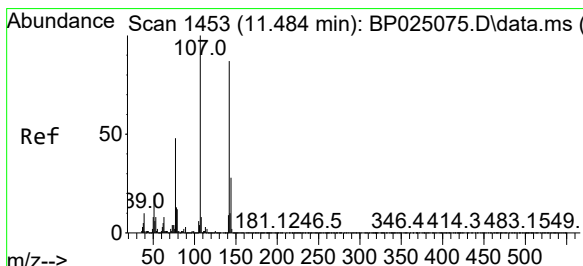
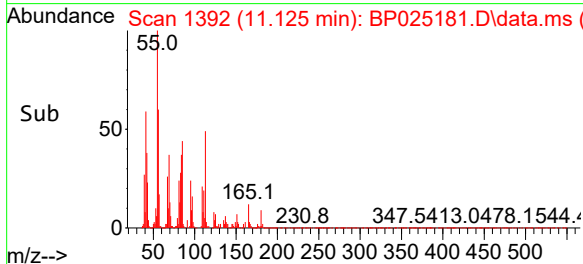
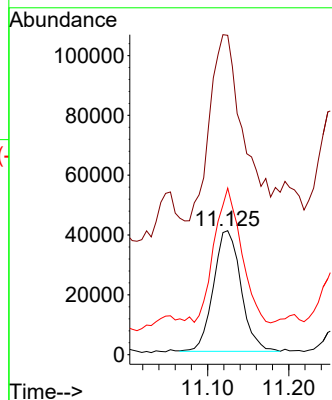
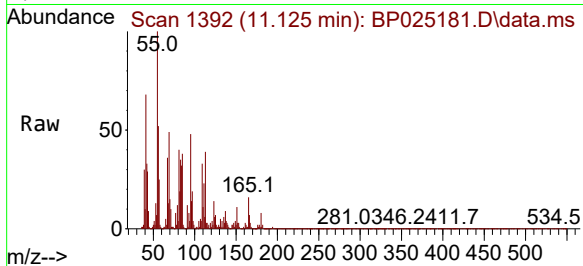




#35
Caprolactam
Concen: 8.638 ng
RT: 11.125 min Scan# 111
Delta R.T. 0.017 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

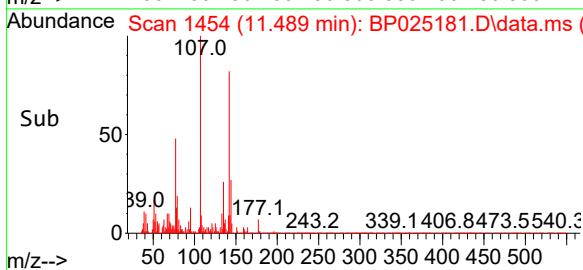
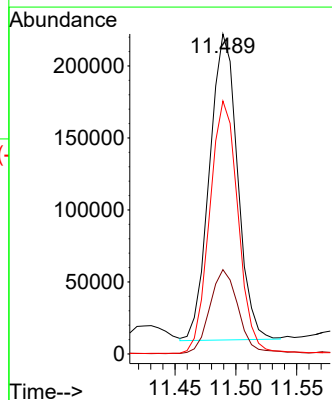
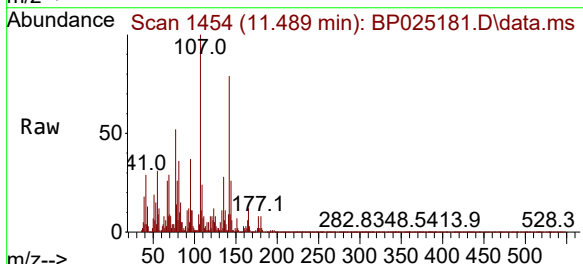
Instrument :
BNA_P
ClientSampleId :
2819MSD

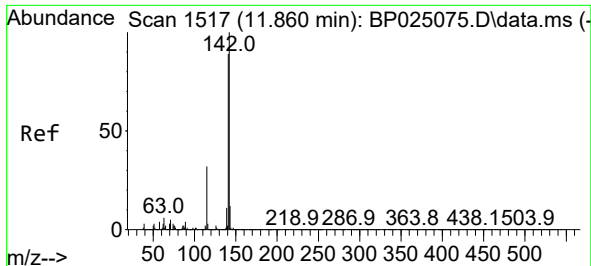
Tgt Ion:113 Resp: 95024
Ion Ratio Lower Upper
113 100
55 257.6 128.1 168.1#
56 134.3 90.7 130.7#



#36
4-Chloro-3-methylphenol
Concen: 10.134 ng
RT: 11.489 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:107 Resp: 340532
Ion Ratio Lower Upper
107 100
144 26.4 22.4 33.6
142 79.1 69.6 104.4

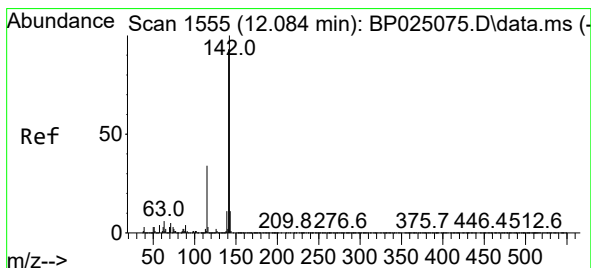
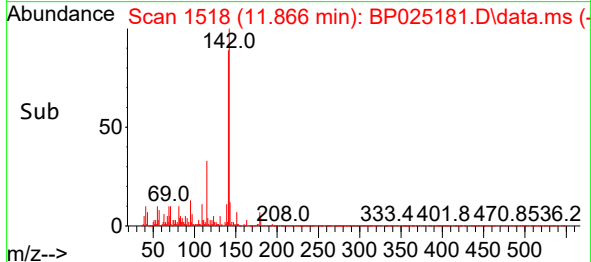
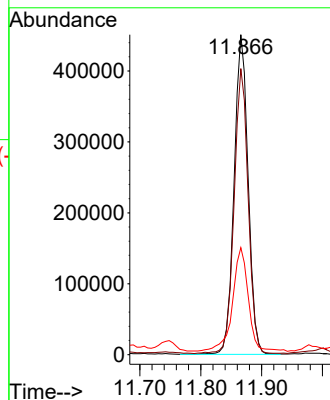
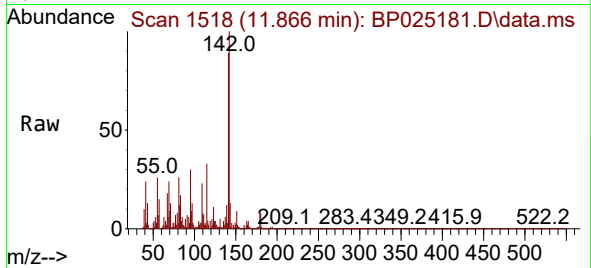




#37
2-Methylnaphthalene
Concen: 8.989 ng
RT: 11.866 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

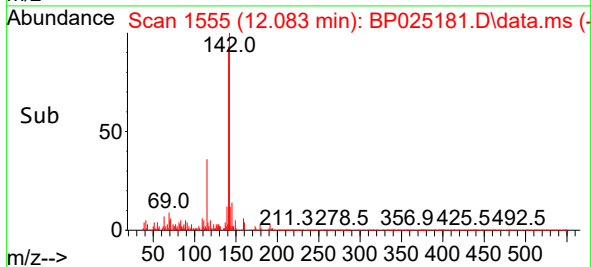
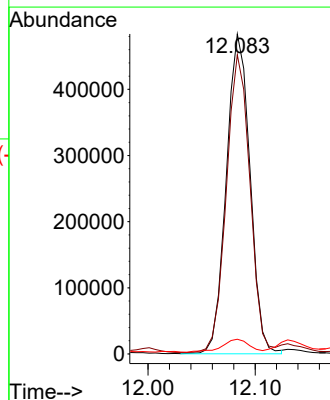
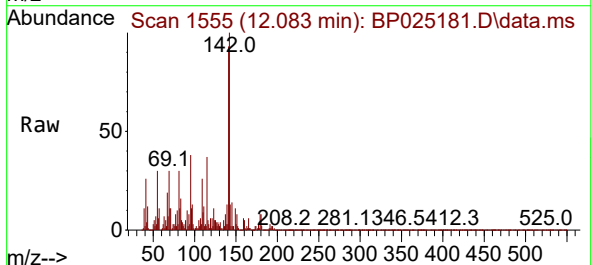
Instrument :
BNA_P
ClientSampleId :
2819MSD

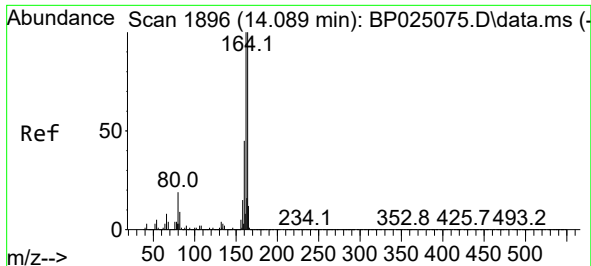
Tgt Ion:142 Resp: 722484
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8
115 33.5 25.9 38.9



#38
1-Methylnaphthalene
Concen: 9.487 ng m
RT: 12.083 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:142 Resp: 743648
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1
116 4.6 2.7 4.1#

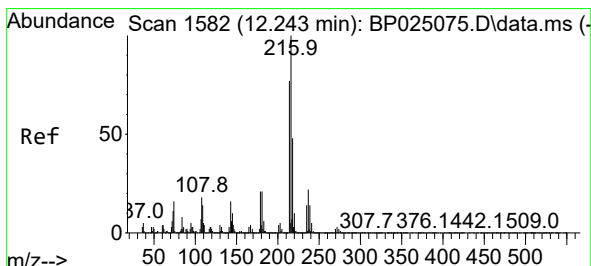
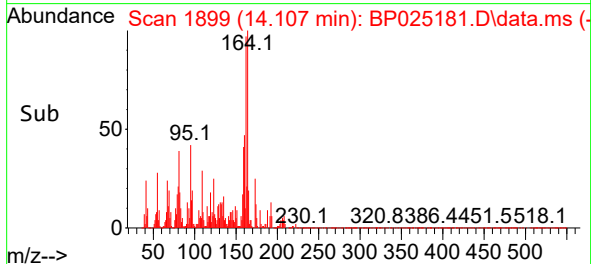
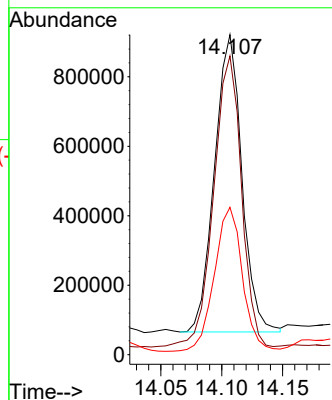
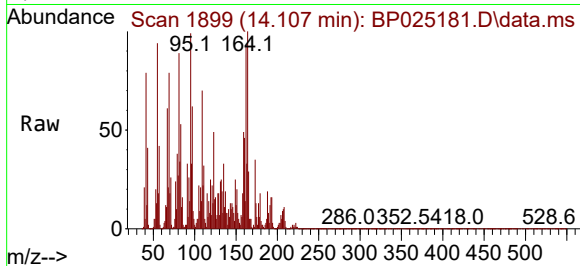




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.107 min Scan# 1896
Delta R.T. 0.018 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

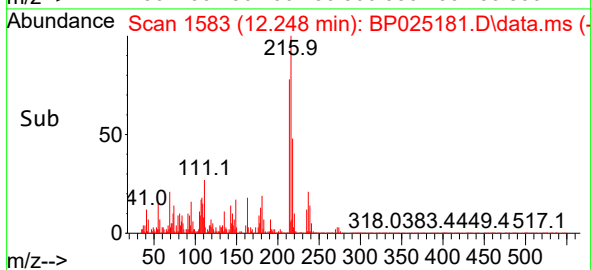
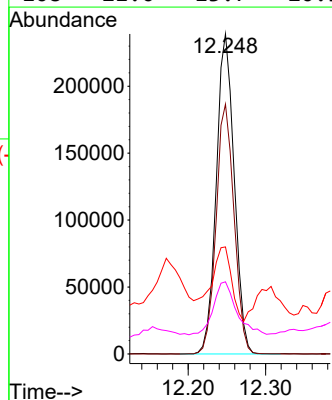
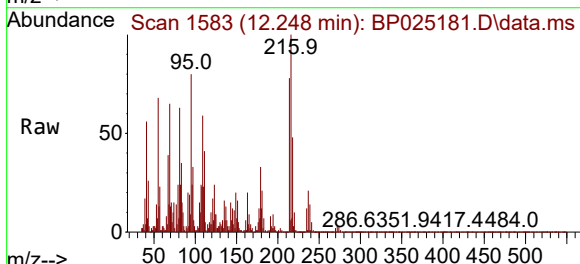
Instrument :
BNA_P
ClientSampleId :
2819MSD

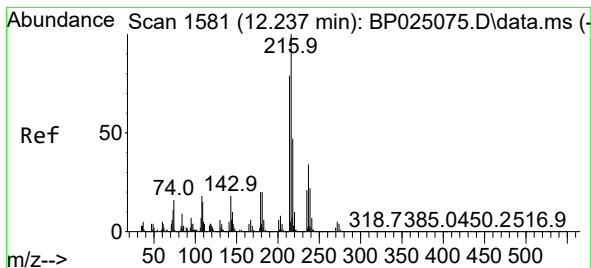
Tgt Ion:164 Resp: 1337255
Ion Ratio Lower Upper
164 100
162 93.3 80.3 120.5
160 46.1 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.954 ng
RT: 12.248 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:216 Resp: 382550
Ion Ratio Lower Upper
216 100
214 78.6 62.4 93.6
179 26.1 16.5 24.7#
108 21.0 13.7 20.5#





#41

Hexachlorocyclopentadiene

Concen: 24.753 ng

RT: 12.230 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

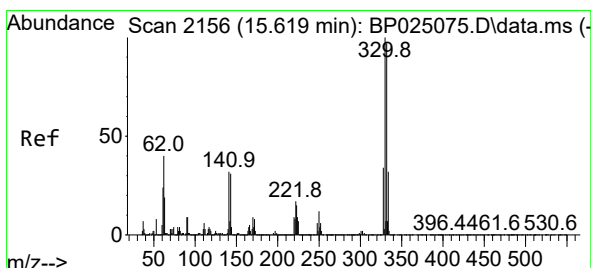
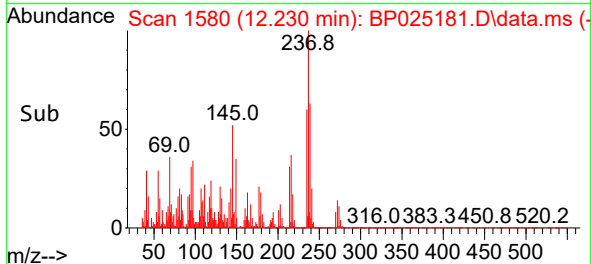
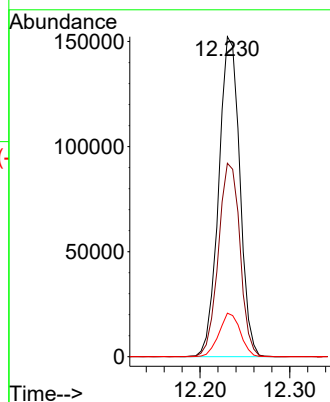
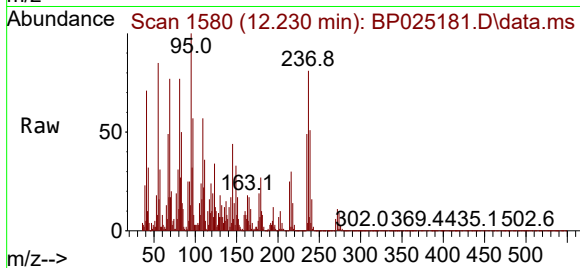
Tgt Ion:237 Resp: 248490

Ion Ratio Lower Upper

237 100

235 60.4 41.6 81.6

272 13.6 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 20.939 ng

RT: 15.648 min Scan# 2161

Delta R.T. 0.029 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

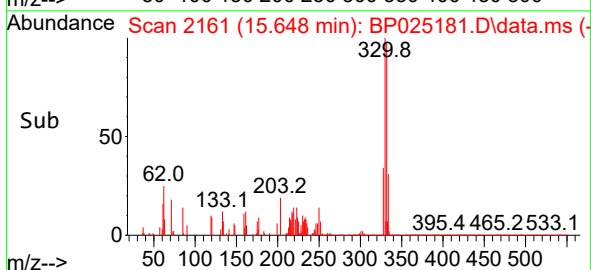
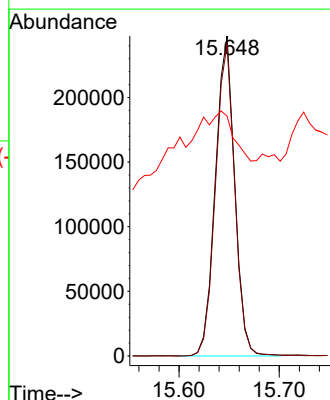
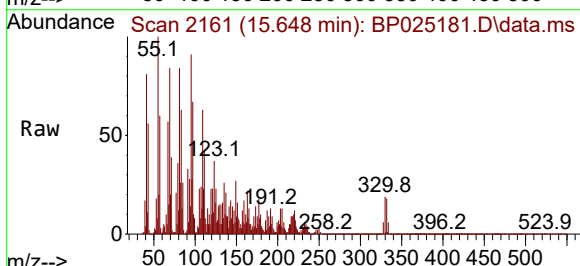
Tgt Ion:330 Resp: 330779

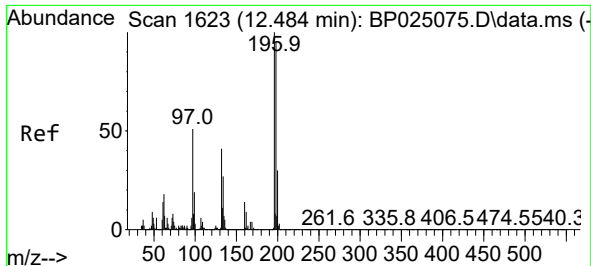
Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 74.9 26.0 39.0#

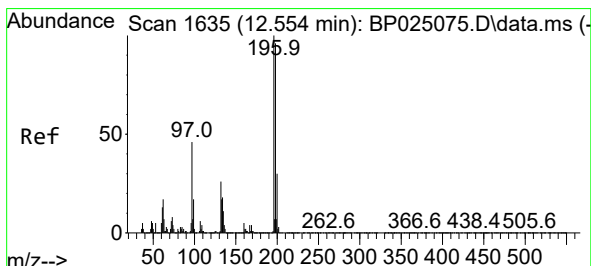
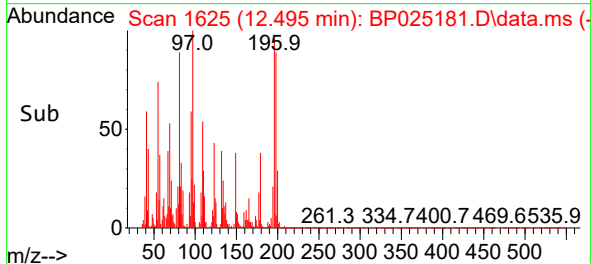
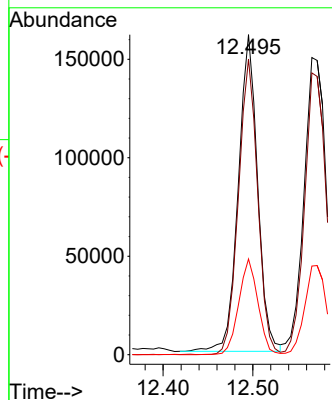
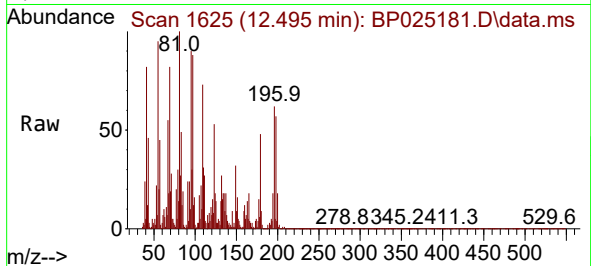




#43
2,4,6-Trichlorophenol
Concen: 10.312 ng
RT: 12.495 min Scan# 1625
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

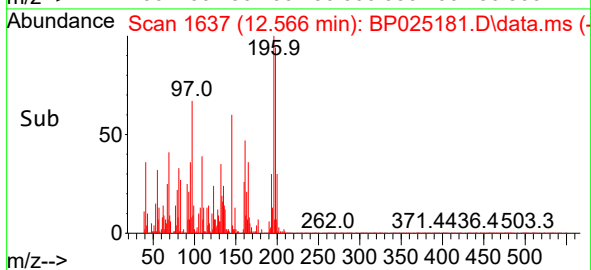
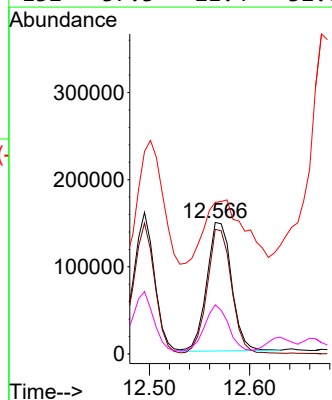
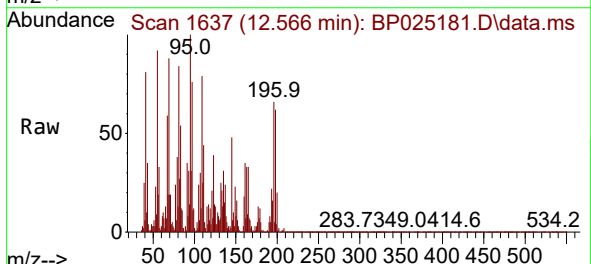
Instrument :
BNA_P
ClientSampleId :
2819MSD

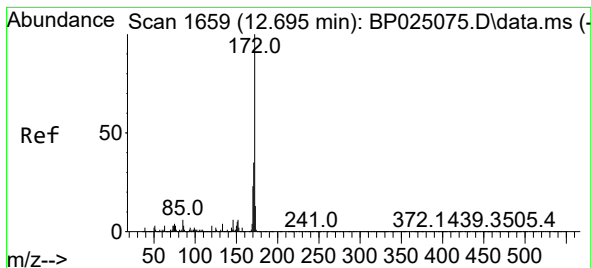
Tgt Ion:196 Resp: 239969
Ion Ratio Lower Upper
196 100
198 92.4 76.2 114.2
200 29.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 9.609 ng
RT: 12.566 min Scan# 1637
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:196 Resp: 253433
Ion Ratio Lower Upper
196 100
198 94.8 76.6 115.0
97 115.2 36.6 55.0#
132 37.3 21.4 32.0#





#45

2-Fluorobiphenyl

Concen: 12.786 ng

RT: 12.695 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

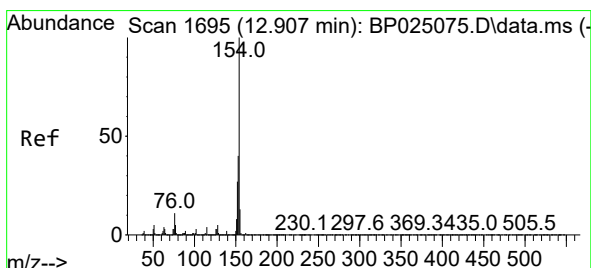
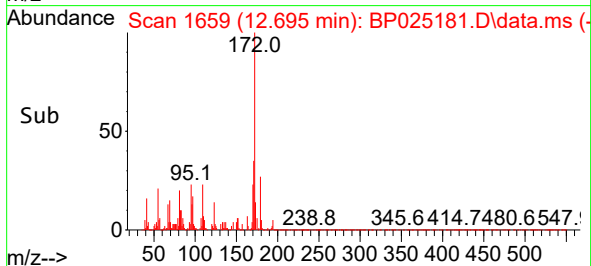
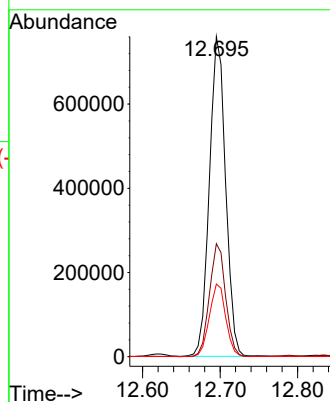
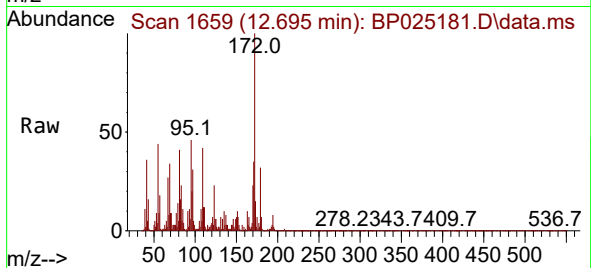
Tgt Ion:172 Resp: 1103680

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 22.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 8.922 ng

RT: 12.907 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

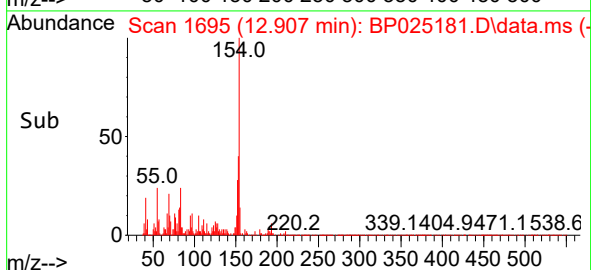
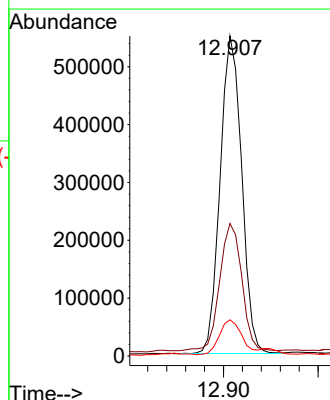
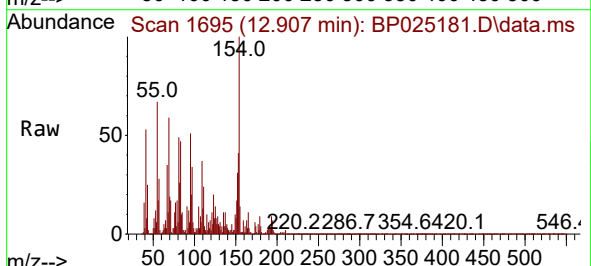
Tgt Ion:154 Resp: 868111

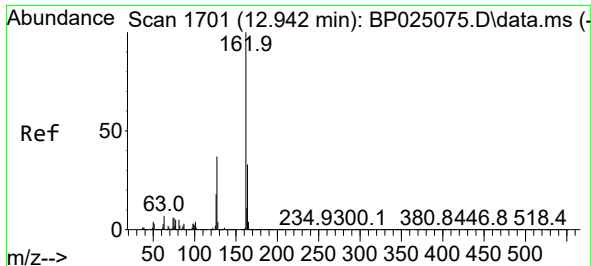
Ion Ratio Lower Upper

154 100

153 41.4 20.2 60.2

76 11.3 0.0 31.5

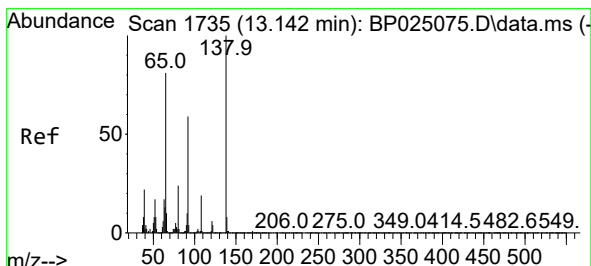
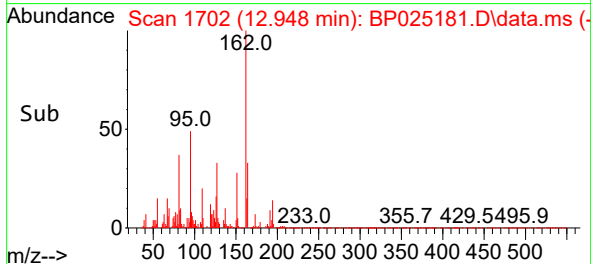
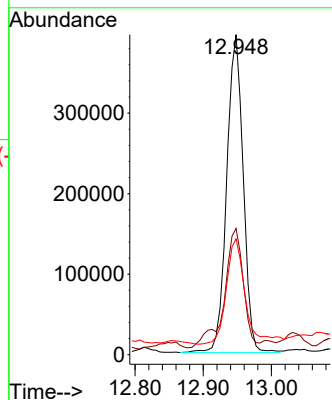
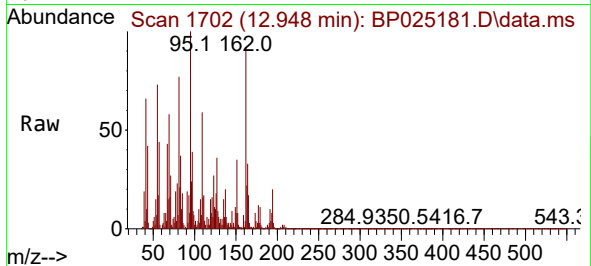




#47
2-Chloronaphthalene
Concen: 9.105 ng
RT: 12.948 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

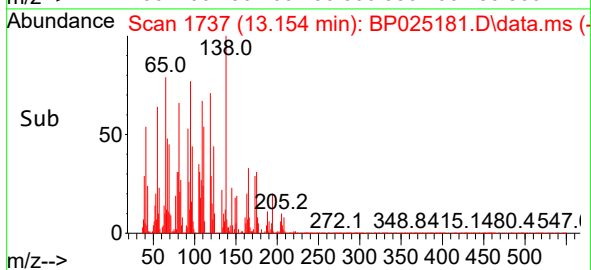
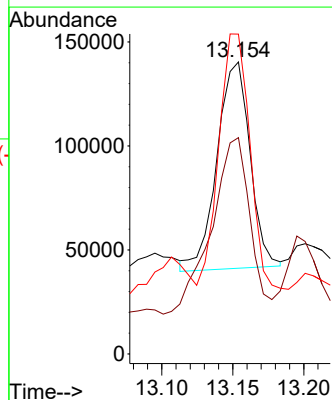
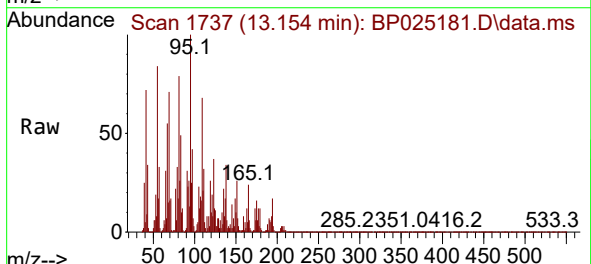
Instrument :
BNA_P
ClientSampleId :
2819MSD

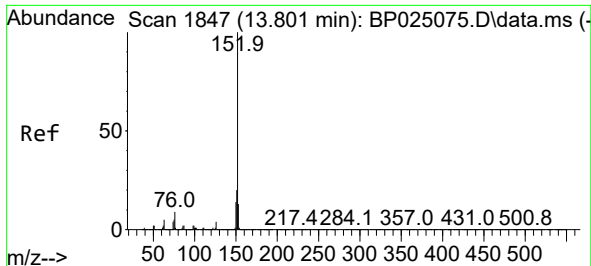
Tgt Ion:162 Resp: 665826
Ion Ratio Lower Upper
162 100
127 39.5 29.4 44.2
164 36.2 26.4 39.6



#48
2-Nitroaniline
Concen: 11.228 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion: 65 Resp: 160890
Ion Ratio Lower Upper
65 100
92 74.0 58.7 88.1
138 109.5 99.0 148.4

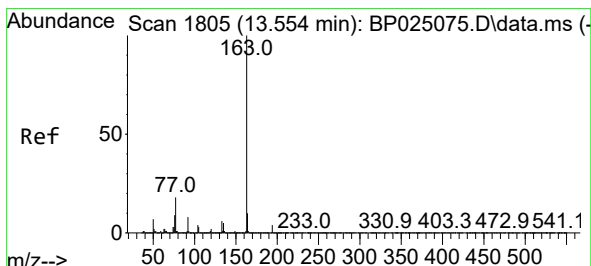
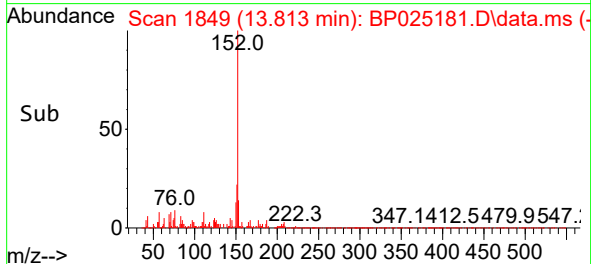
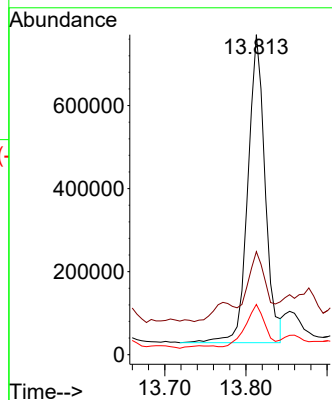
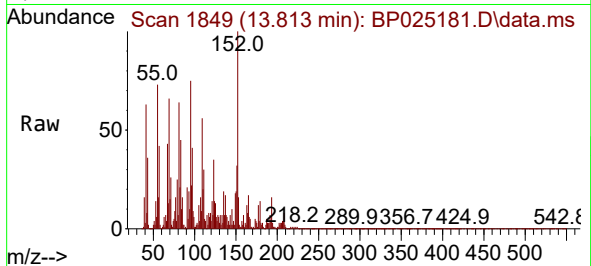




#49
Acenaphthylene
Concen: 9.799 ng
RT: 13.813 min Scan# 1849
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

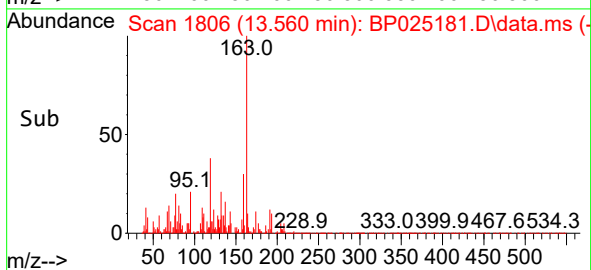
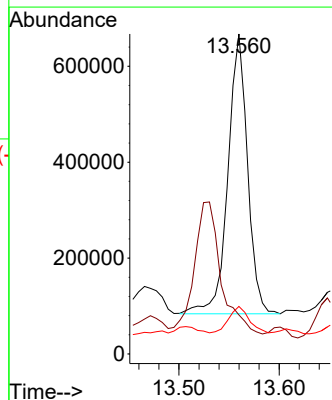
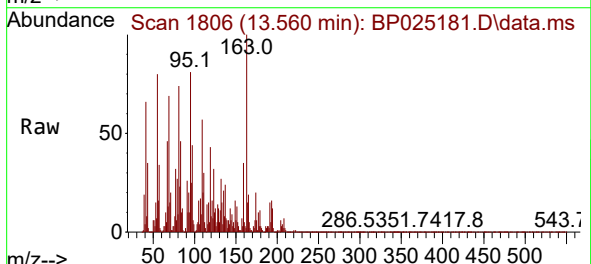
Instrument :
BNA_P
ClientSampleId :
2819MSD

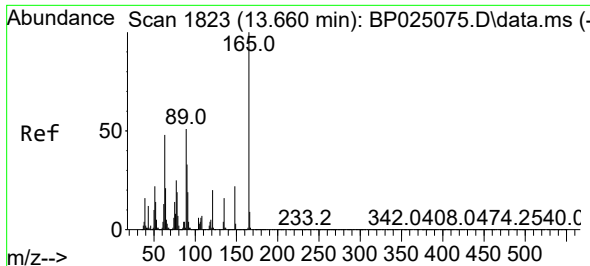
Tgt Ion:152 Resp: 1096749
Ion Ratio Lower Upper
152 100
151 32.2 16.1 24.1#
153 15.7 10.7 16.1



#50
Dimethylphthalate
Concen: 8.484 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:163 Resp: 794168
Ion Ratio Lower Upper
163 100
194 12.2 3.4 5.0#
164 14.9 8.0 12.0#

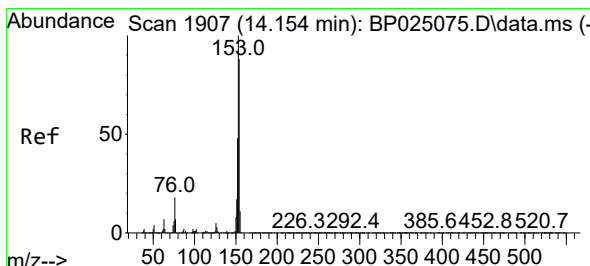
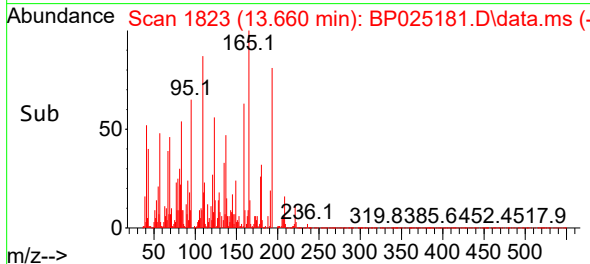
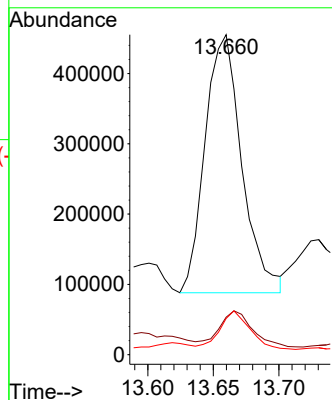
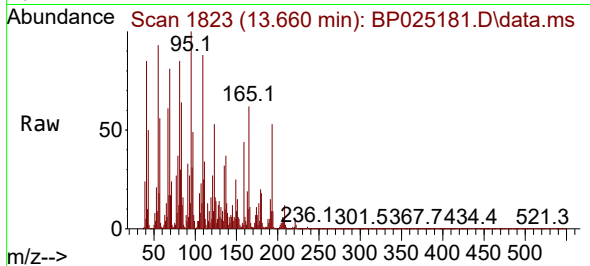




#51
2,6-Dinitrotoluene
Concen: 39.201 ng
RT: 13.660 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

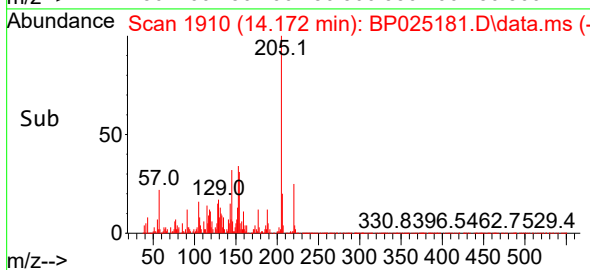
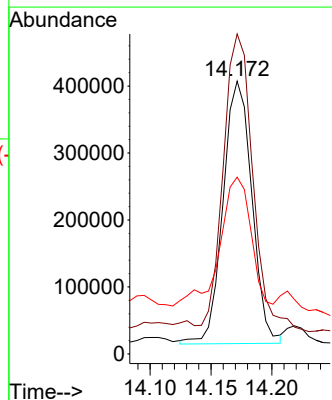
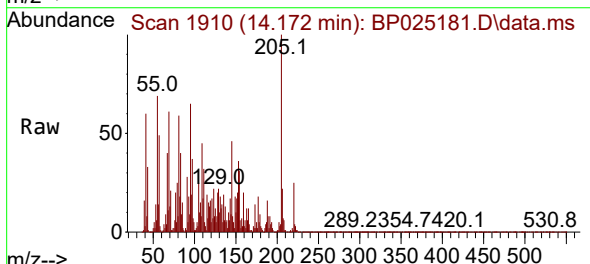
Instrument :
BNA_P
ClientSampleId :
2819MSD

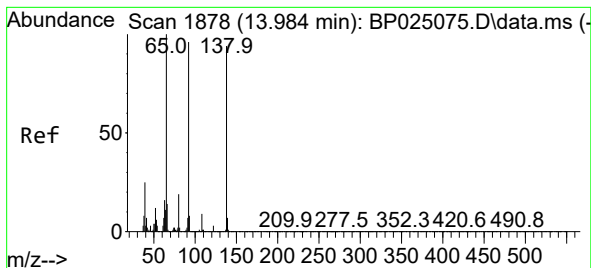
Tgt Ion:165 Resp: 715677
Ion Ratio Lower Upper
165 100
63 11.7 38.5 57.7#
89 11.3 40.6 61.0#



#52
Acenaphthene
Concen: 8.961 ng
RT: 14.172 min Scan# 1910
Delta R.T. 0.017 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:154 Resp: 646454
Ion Ratio Lower Upper
154 100
153 117.3 90.6 136.0
152 64.8 43.8 65.8

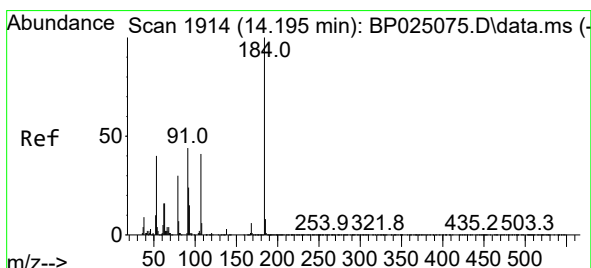
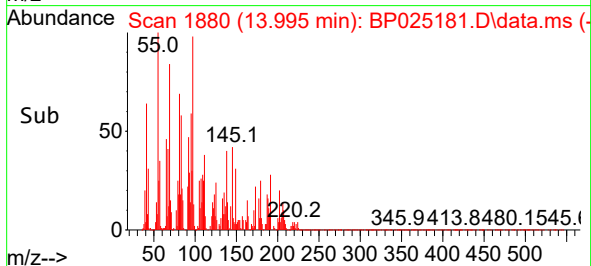
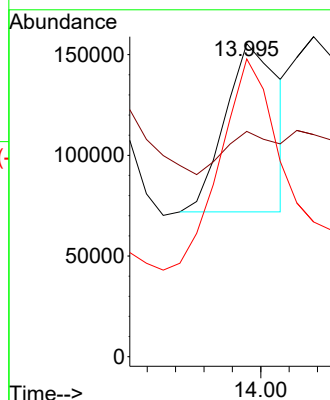
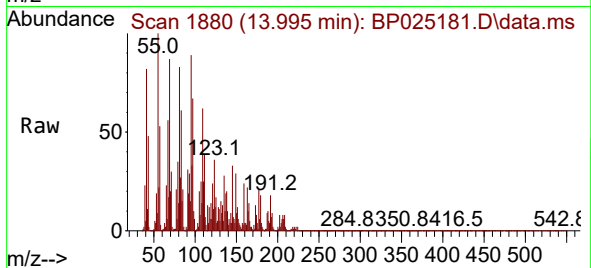




#53
3-Nitroaniline
Concen: 5.603 ng
RT: 13.995 min Scan# 1880
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

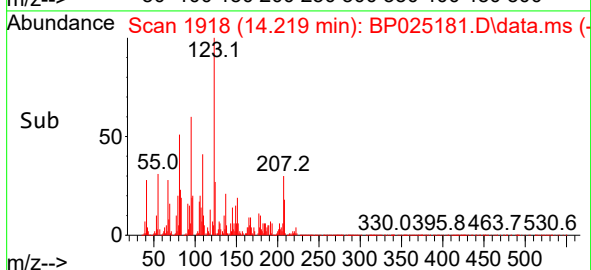
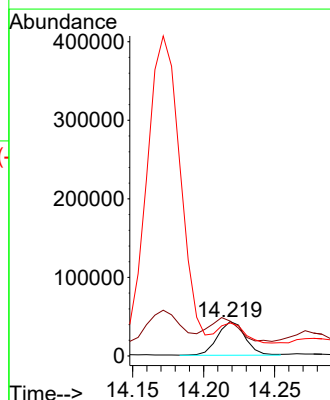
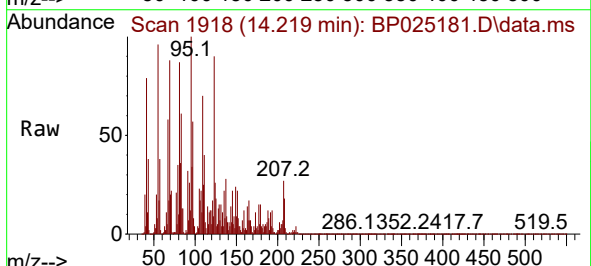
Instrument :
BNA_P
ClientSampleId :
2819MSD

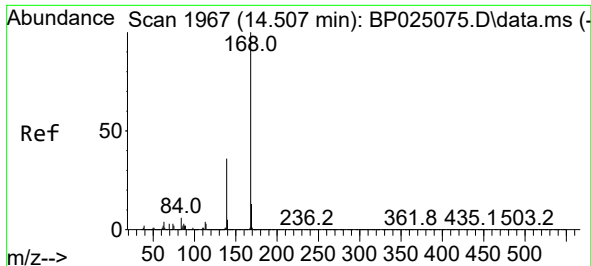
Tgt Ion:138 Resp: 109633
Ion Ratio Lower Upper
138 100
108 72.0 7.8 11.8#
92 95.1 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 11.453 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:184 Resp: 58047
Ion Ratio Lower Upper
184 100
63 101.2 47.4 71.0#
154 95.7 47.8 71.8#

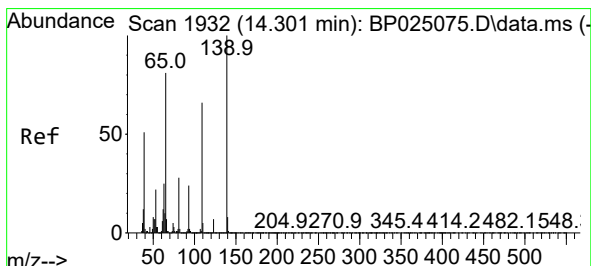
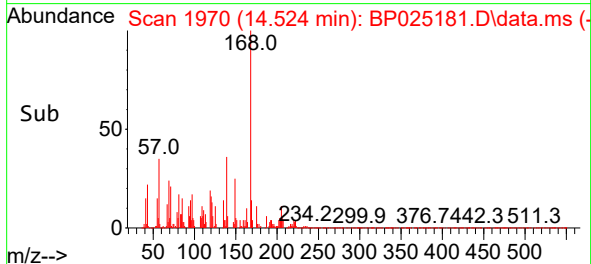
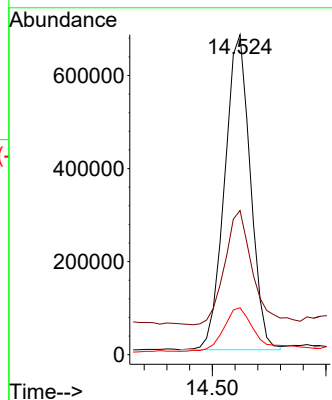
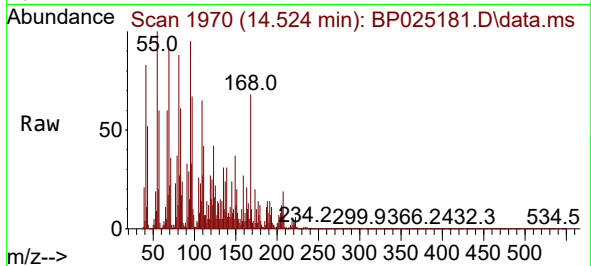




#55
Dibenzofuran
Concen: 8.931 ng
RT: 14.524 min Scan# 1967
Delta R.T. 0.017 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

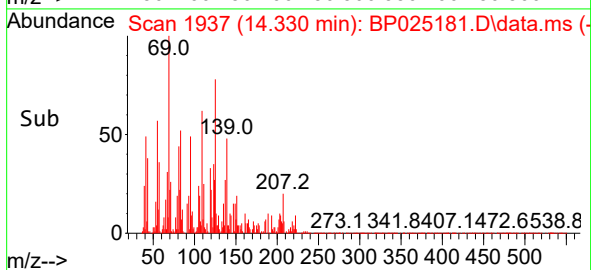
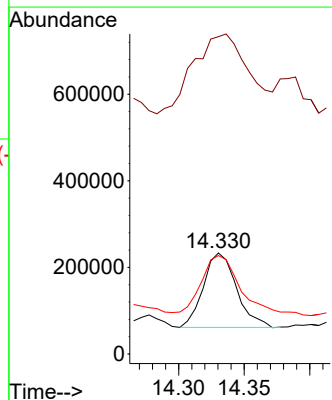
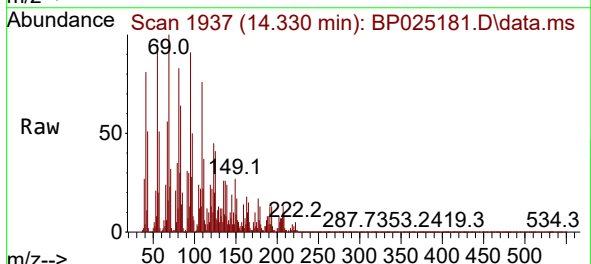
Instrument :
BNA_P
ClientSampleId :
2819MSD

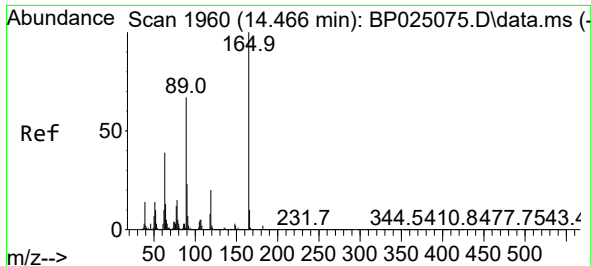
Tgt Ion:168 Resp: 1063287
Ion Ratio Lower Upper
168 100
139 45.1 28.6 43.0#
169 14.7 10.7 16.1



#56
4-Nitrophenol
Concen: 16.781 ng
RT: 14.330 min Scan# 1937
Delta R.T. 0.029 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:139 Resp: 302980
Ion Ratio Lower Upper
139 100
109 314.4 45.9 85.9#
65 97.6 61.4 101.4





#57

2,4-Dinitrotoluene

Concen: 12.877 ng

RT: 14.483 min Scan# 1963

Delta R.T. 0.017 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

Tgt Ion:165 Resp: 290327

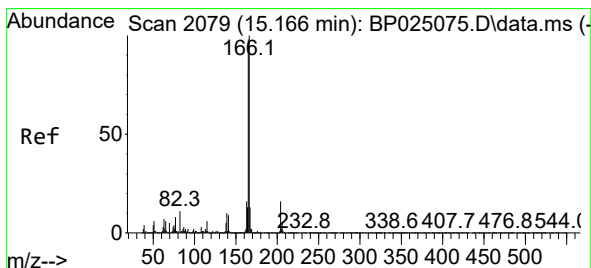
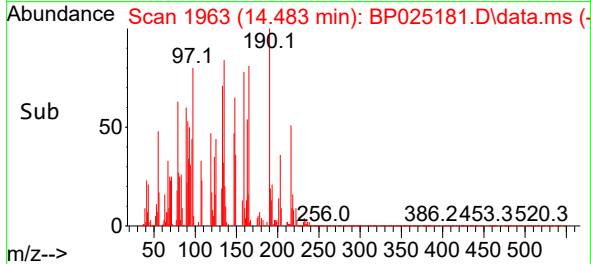
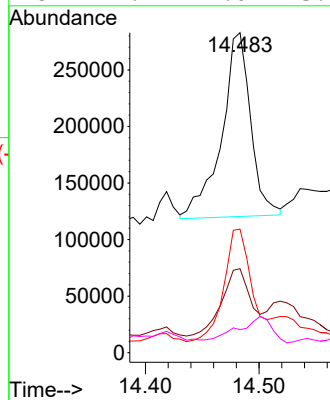
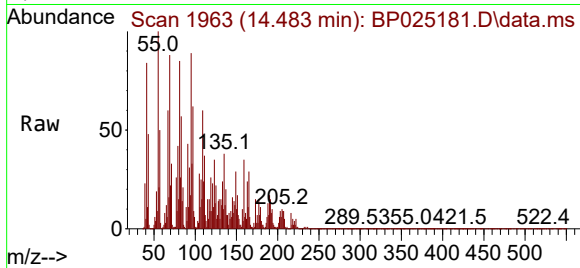
Ion Ratio Lower Upper

165 100

63 26.3 31.0 46.4#

89 38.6 53.4 80.0#

182 7.2 2.0 3.0#



#58

Fluorene

Concen: 9.284 ng

RT: 15.195 min Scan# 2084

Delta R.T. 0.029 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

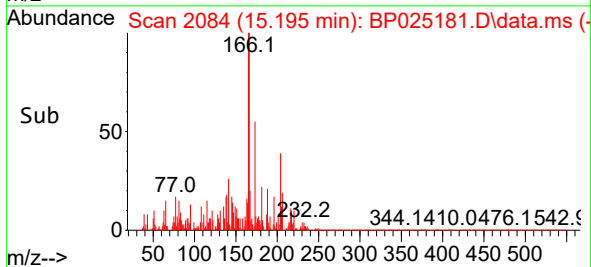
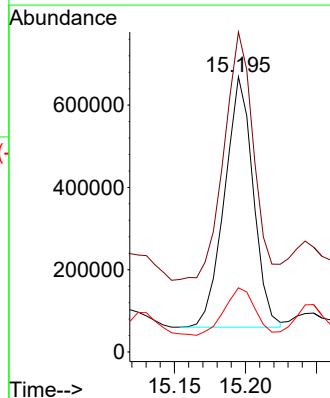
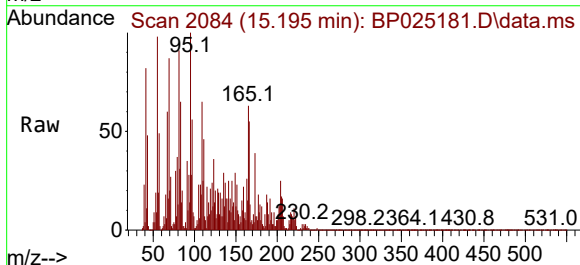
Tgt Ion:166 Resp: 854948

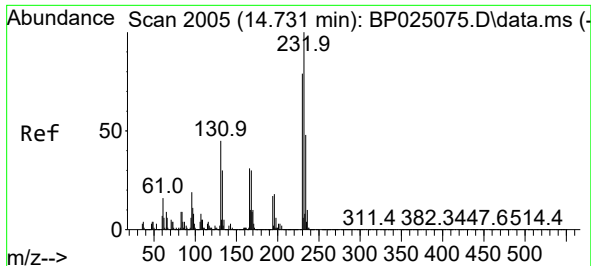
Ion Ratio Lower Upper

166 100

165 116.2 78.6 117.8

167 23.3 10.7 16.1#

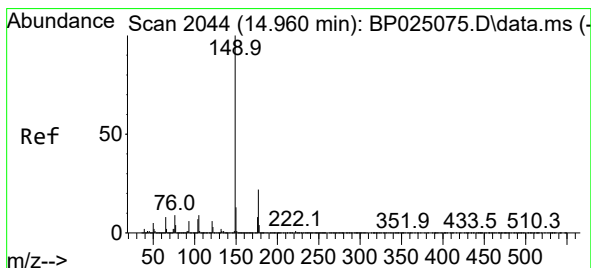
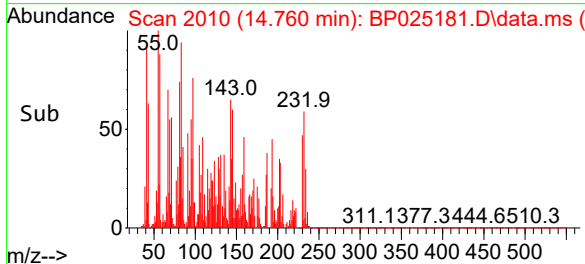
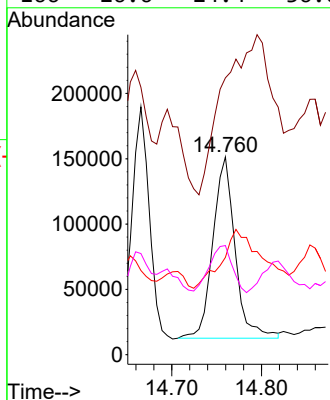
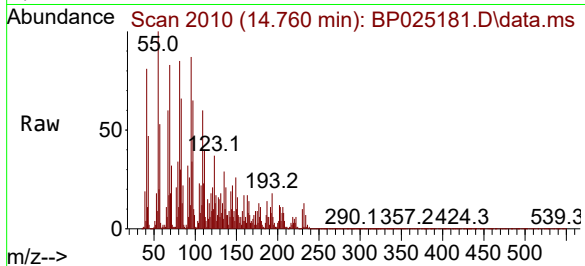




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.987 ng
RT: 14.760 min Scan# 2010
Delta R.T. 0.029 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

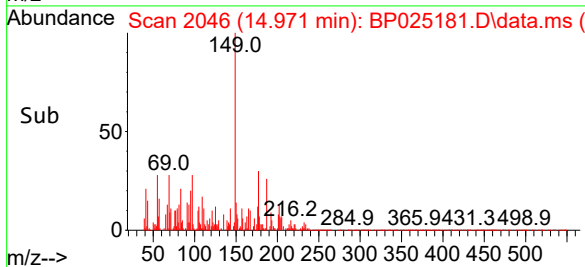
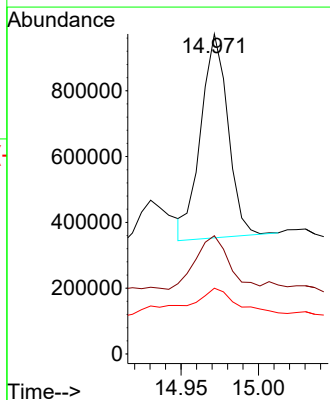
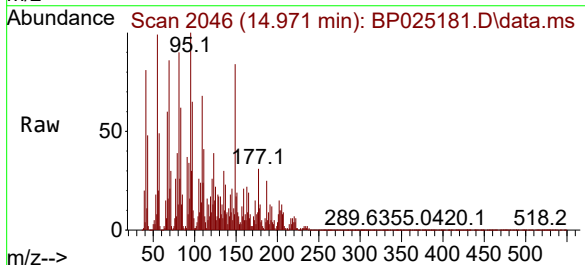
Instrument :
BNA_P
ClientSampleId :
2819MSD

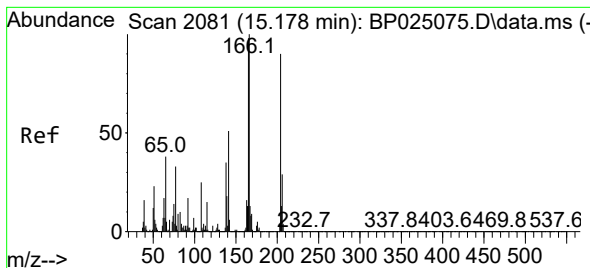
Tgt Ion:232 Resp: 238527
Ion Ratio Lower Upper
232 100
131 0.0 35.7 53.5#
130 58.4 1.8 2.6#
166 26.6 24.4 36.6



#60
Diethylphthalate
Concen: 8.041 ng
RT: 14.971 min Scan# 2046
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:149 Resp: 755997
Ion Ratio Lower Upper
149 100
177 37.0 17.8 26.8#
150 20.6 10.2 15.2#

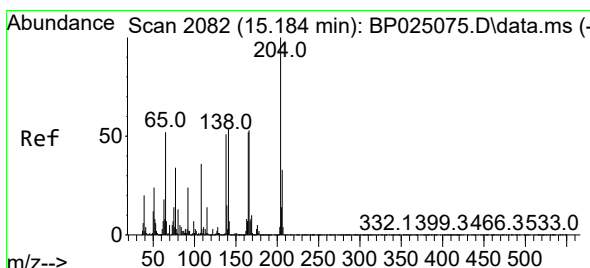
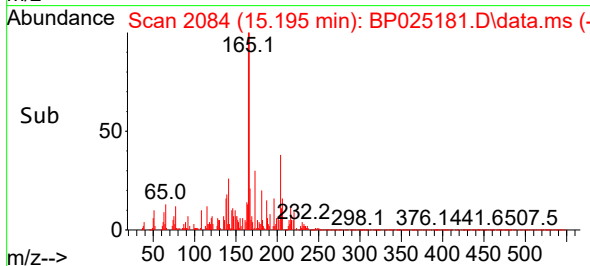
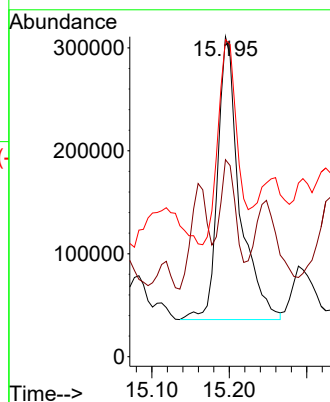
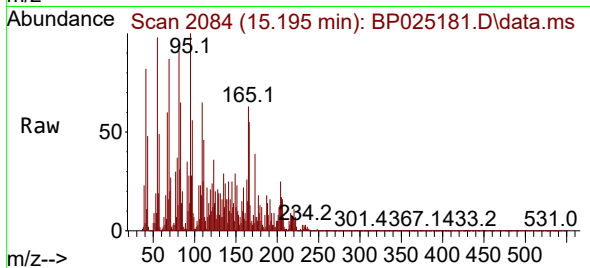




#61
4-Chlorophenyl-phenylether
Concen: 11.943 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.017 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

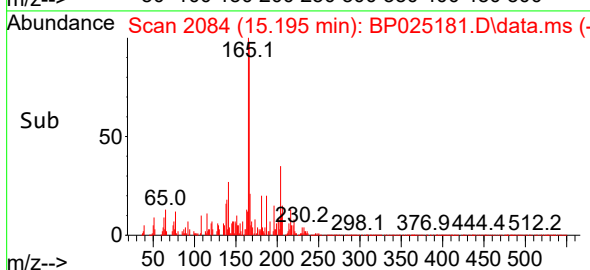
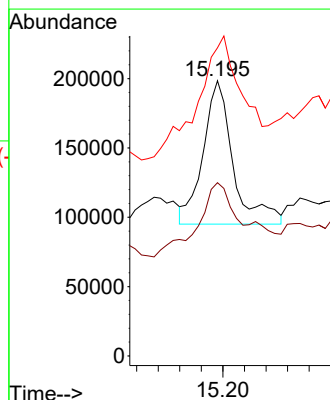
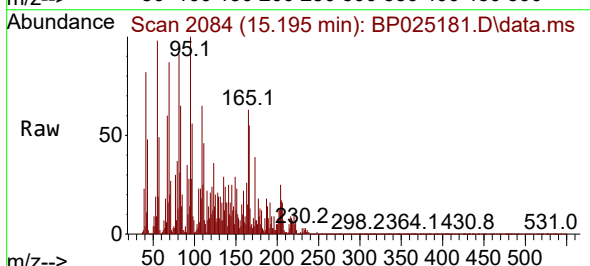
Instrument :
BNA_P
ClientSampleId :
2819MSD

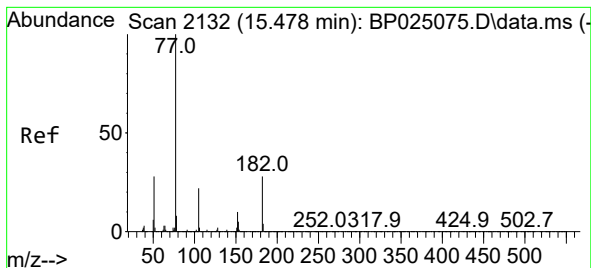
Tgt Ion:204 Resp: 544262
Ion Ratio Lower Upper
204 100
206 61.6 25.8 38.6#
141 99.1 45.1 67.7#



#62
4-Nitroaniline
Concen: 9.741 ng m
RT: 15.195 min Scan# 2084
Delta R.T. 0.011 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:138 Resp: 199851
Ion Ratio Lower Upper
138 100
92 62.9 26.0 66.0
108 111.9 50.0 90.0#





#63

Azobenzene

Concen: 6.943 ng

RT: 15.495 min Scan# 2132

Delta R.T. 0.017 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

Tgt Ion: 77 Resp: 581310

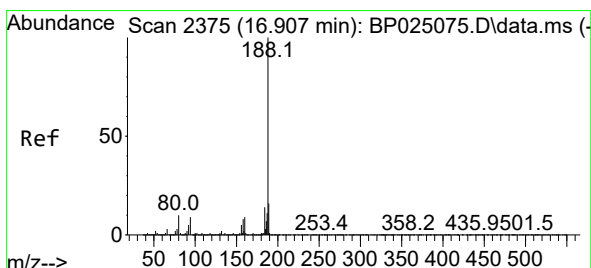
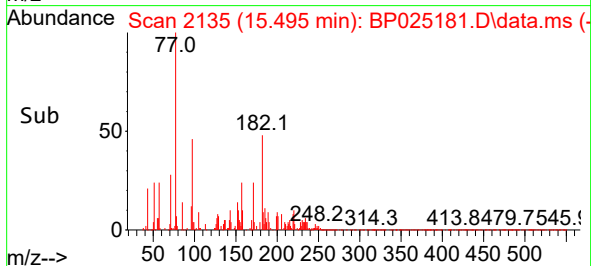
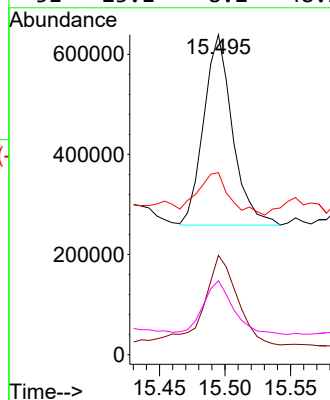
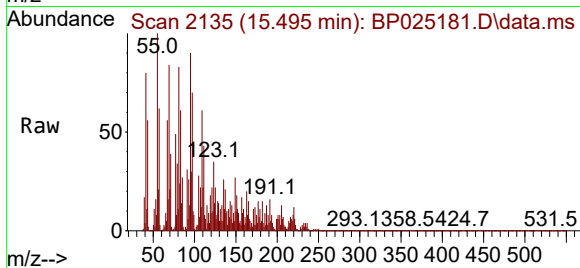
Ion Ratio Lower Upper

77 100

182 31.0 7.7 47.7

105 56.9 1.9 41.9#

51 23.1 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.948 min Scan# 2382

Delta R.T. 0.041 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

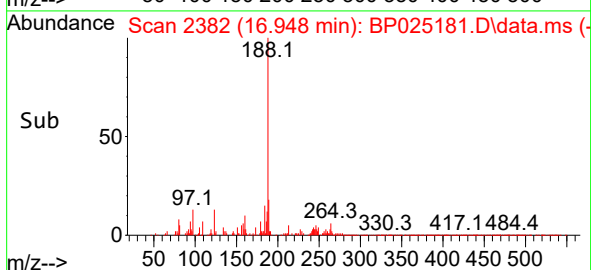
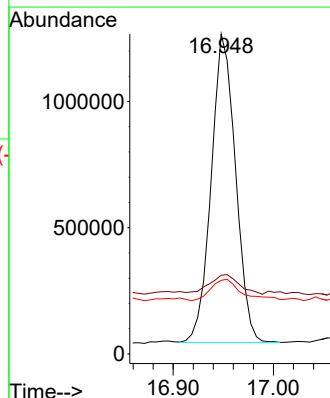
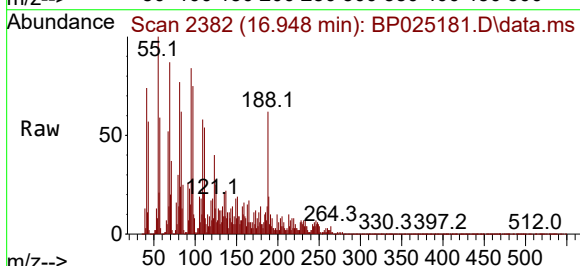
Tgt Ion:188 Resp: 2058431

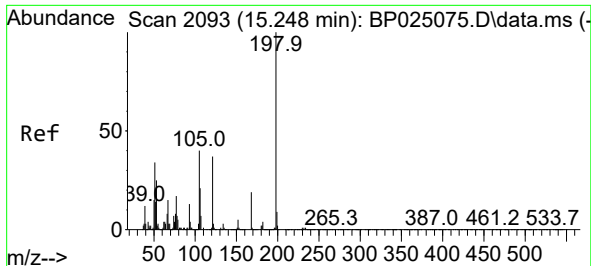
Ion Ratio Lower Upper

188 100

94 24.6 7.3 10.9#

80 23.0 7.8 11.6#

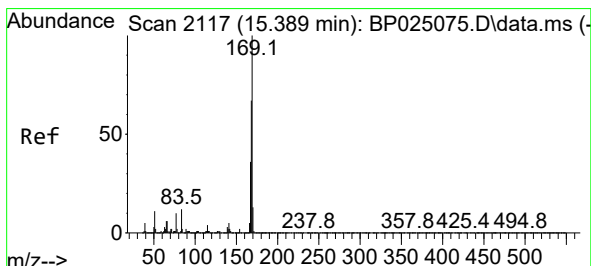
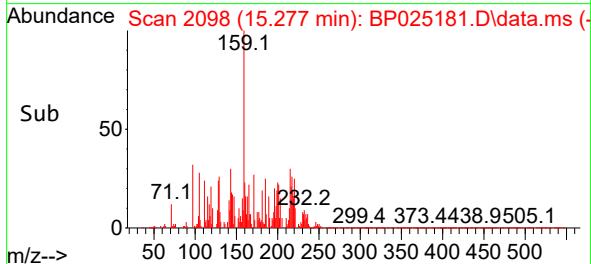
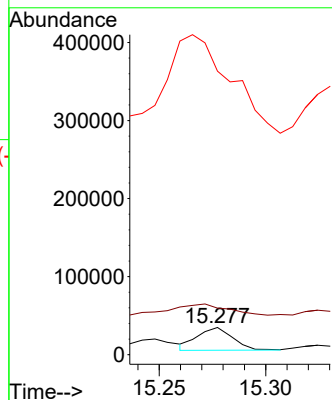
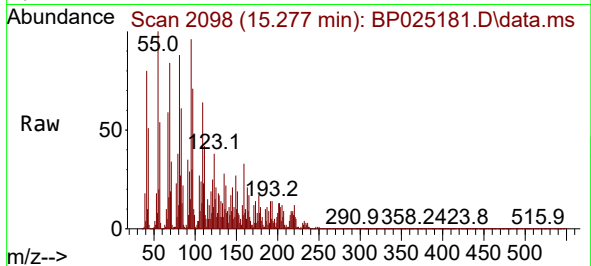




#65
4,6-Dinitro-2-methylphenol
Concen: 8.746 ng
RT: 15.277 min Scan# 2098
Delta R.T. 0.029 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

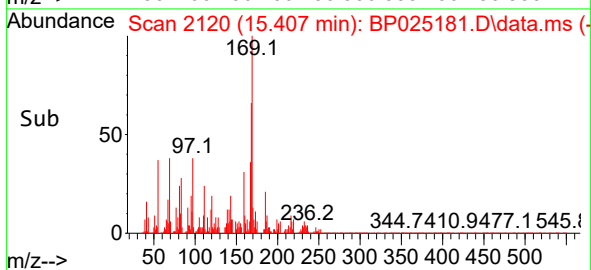
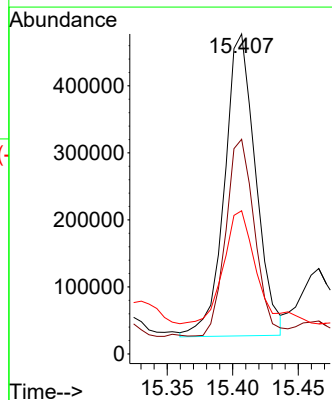
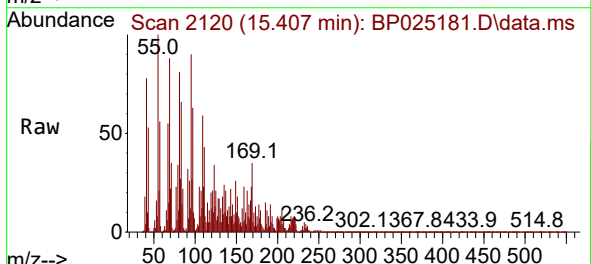
Instrument :
BNA_P
ClientSampleId :
2819MSD

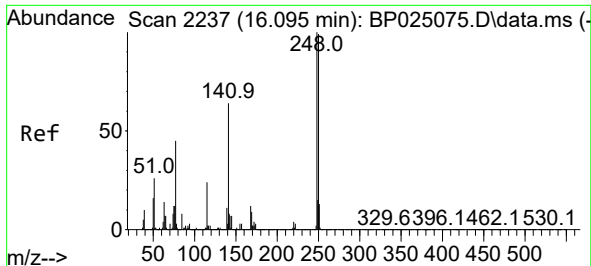
Tgt Ion:198 Resp: 33572
Ion Ratio Lower Upper
198 100
51 171.0 16.8 56.8#
105 1040.2 20.8 60.8#



#66
n-Nitrosodiphenylamine
Concen: 12.628 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.017 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:169 Resp: 743918
Ion Ratio Lower Upper
169 100
168 67.1 54.1 81.1
167 44.8 29.0 43.6#

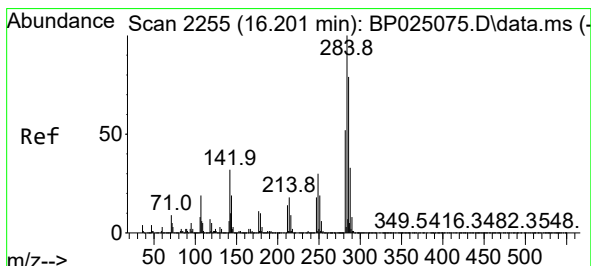
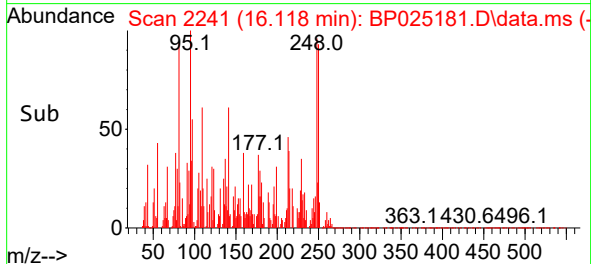
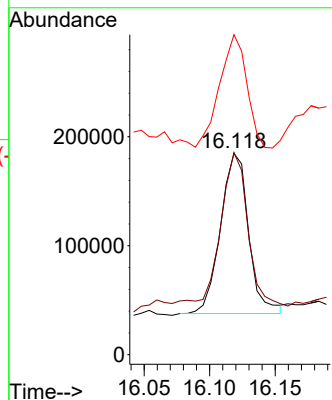
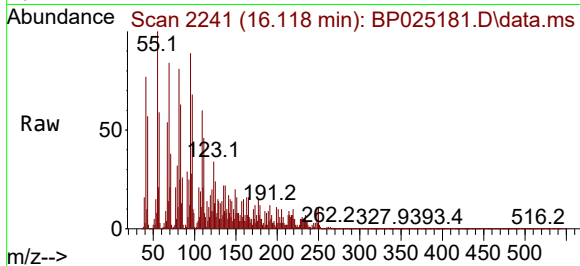




#67
4-Bromophenyl-phenylether
Concen: 10.386 ng
RT: 16.118 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

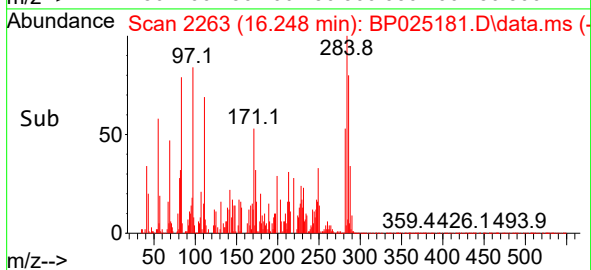
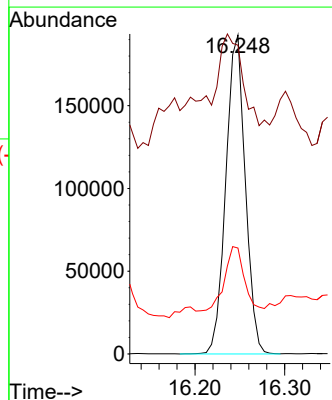
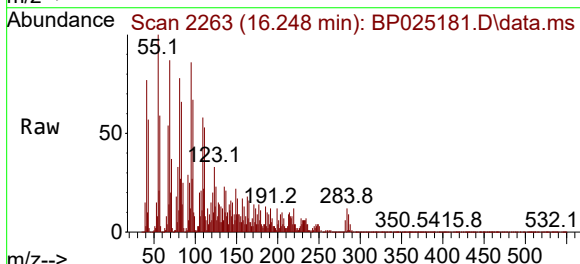
Instrument :
BNA_P
ClientSampleId :
2819MSD

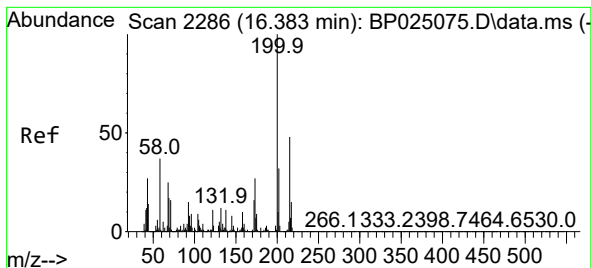
Tgt Ion:248 Resp: 218900
Ion Ratio Lower Upper
248 100
250 100.4 79.4 119.2
141 158.9 51.4 77.0#



#68
Hexachlorobenzene
Concen: 11.228 ng
RT: 16.248 min Scan# 2263
Delta R.T. 0.047 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:284 Resp: 289246
Ion Ratio Lower Upper
284 100
142 96.8 25.9 38.9#
249 33.2 23.8 35.8





#69

Atrazine

Concen: 22.099 ng

RT: 16.424 min Scan# 21

Delta R.T. 0.041 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

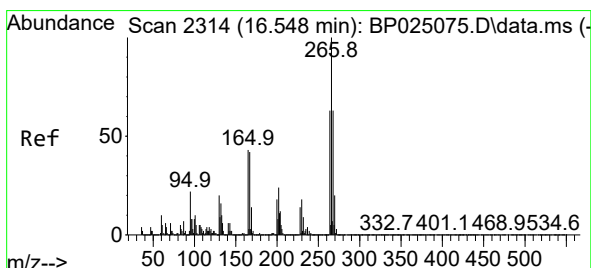
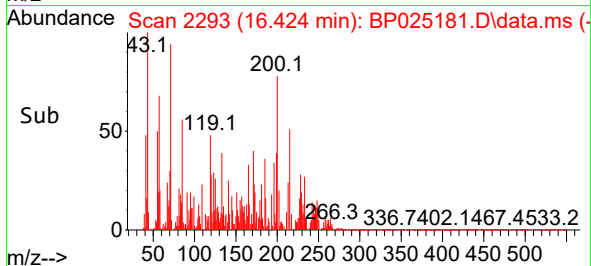
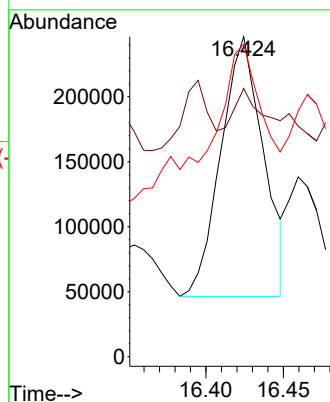
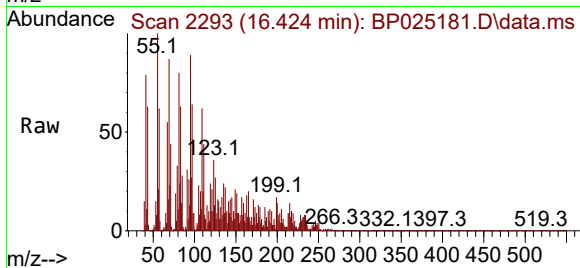
Tgt Ion:200 Resp: 381480

Ion Ratio Lower Upper

200 100

173 83.8 6.6 46.6#

215 97.6 28.0 68.0#



#70

Pentachlorophenol

Concen: 21.359 ng

RT: 16.601 min Scan# 2323

Delta R.T. 0.053 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

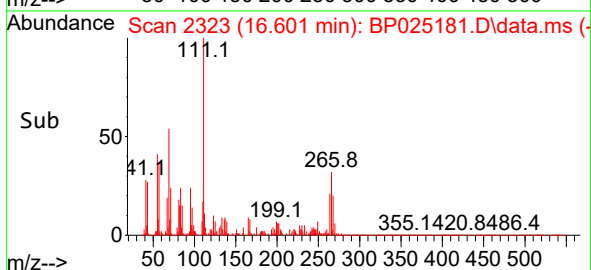
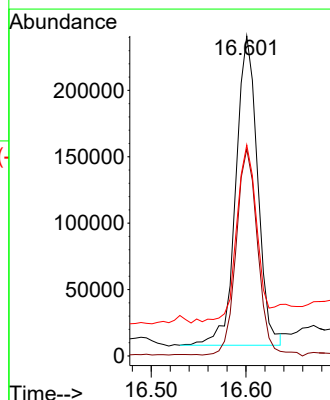
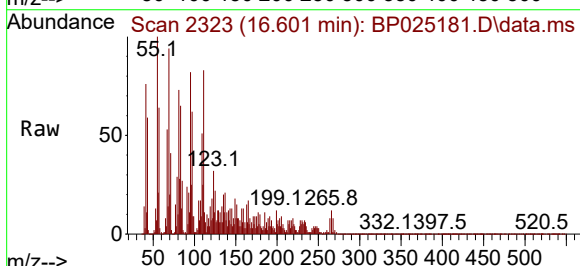
Tgt Ion:266 Resp: 371599

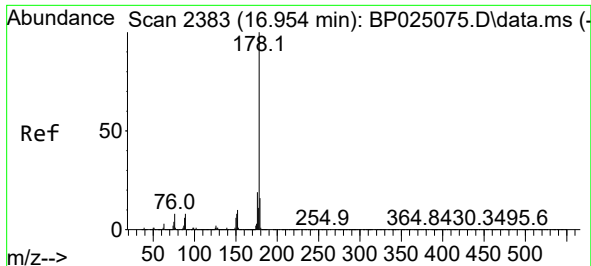
Ion Ratio Lower Upper

266 100

268 64.6 50.4 75.6

264 66.0 50.2 75.2

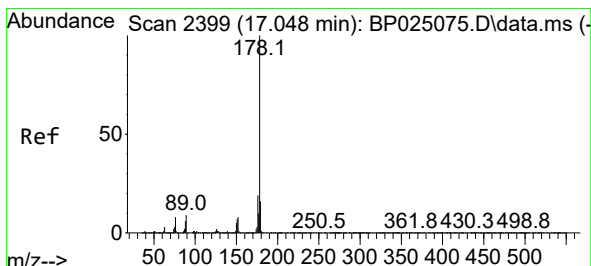
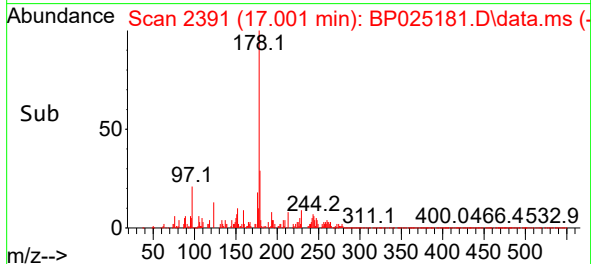
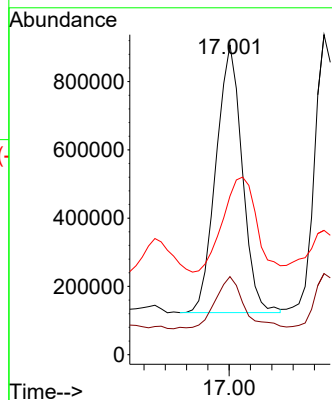
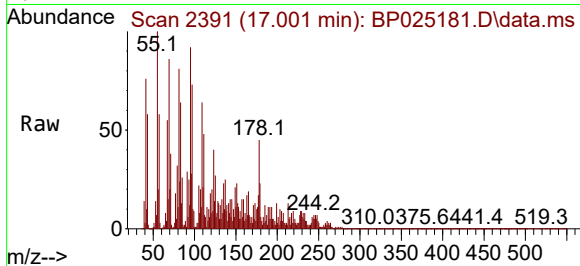




#71
Phenanthrene
Concen: 12.209 ng
RT: 17.001 min Scan# 21
Delta R.T. 0.047 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

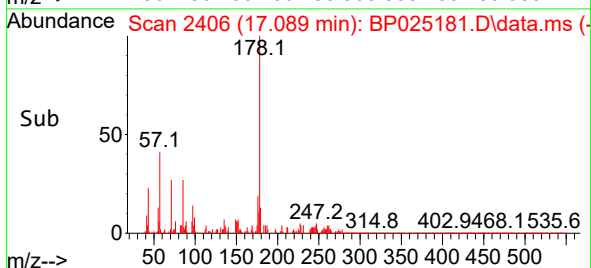
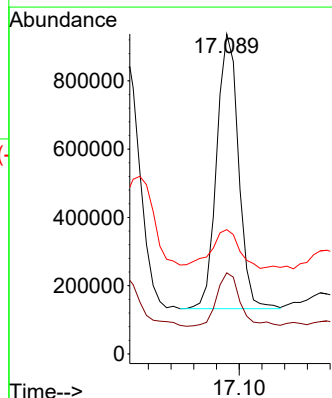
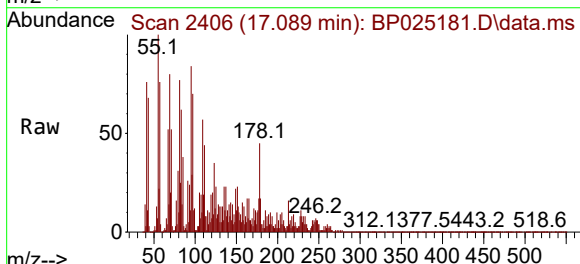
Instrument :
BNA_P
ClientSampleId :
2819MSD

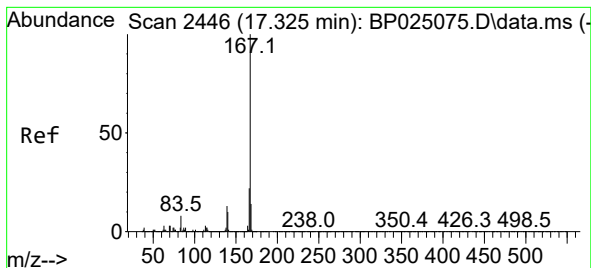
Tgt Ion:178 Resp: 1342834
Ion Ratio Lower Upper
178 100
176 25.2 15.4 23.2#
179 51.2 12.6 19.0#



#72
Anthracene
Concen: 10.182 ng
RT: 17.089 min Scan# 2406
Delta R.T. 0.041 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:178 Resp: 1074408
Ion Ratio Lower Upper
178 100
176 25.3 15.0 22.6#
179 38.9 12.5 18.7#





#73

Carbazole

Concen: 9.085 ng

RT: 17.360 min Scan# 2446

Delta R.T. 0.035 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

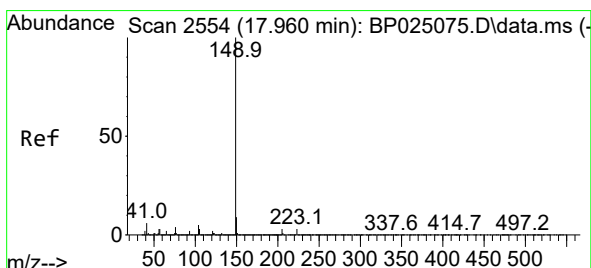
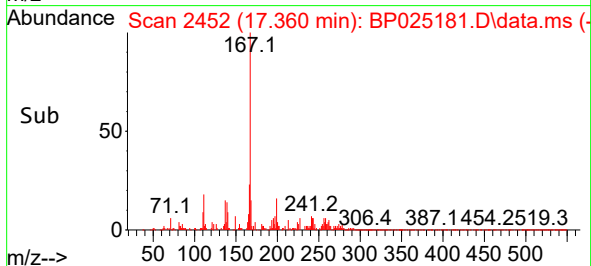
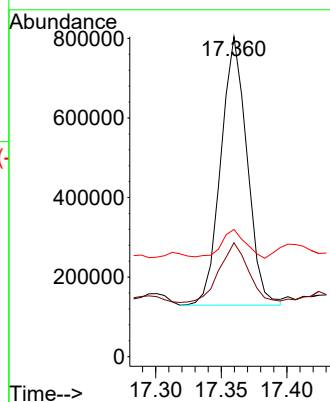
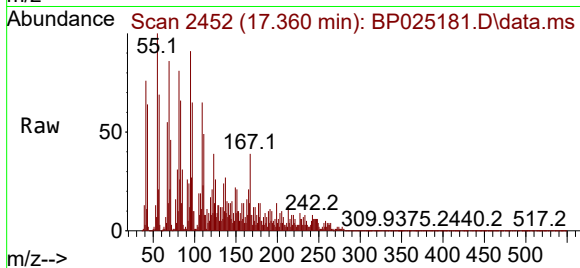
Tgt Ion:167 Resp: 937350

Ion Ratio Lower Upper

167 100

166 35.6 17.4 26.0#

139 39.8 10.4 15.6#



#74

Di-n-butylphthalate

Concen: 10.300 ng

RT: 17.989 min Scan# 2559

Delta R.T. 0.029 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

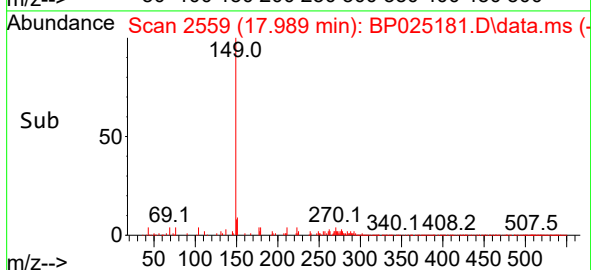
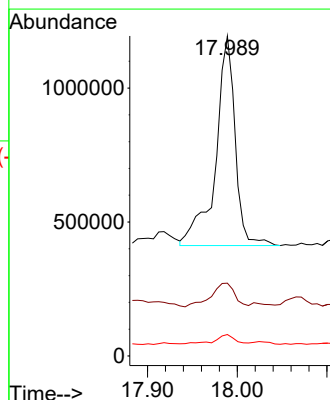
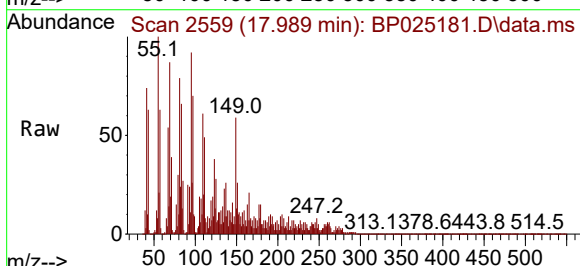
Tgt Ion:149 Resp: 1183423

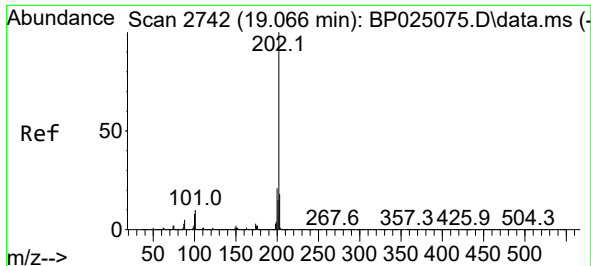
Ion Ratio Lower Upper

149 100

150 22.7 7.3 10.9#

104 6.7 3.8 5.6#

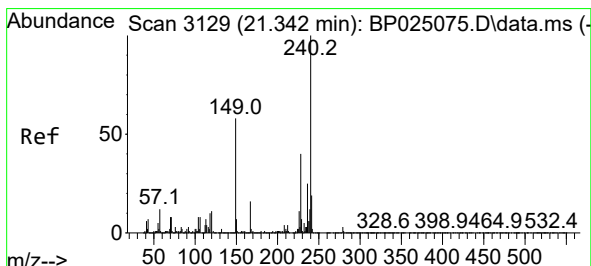
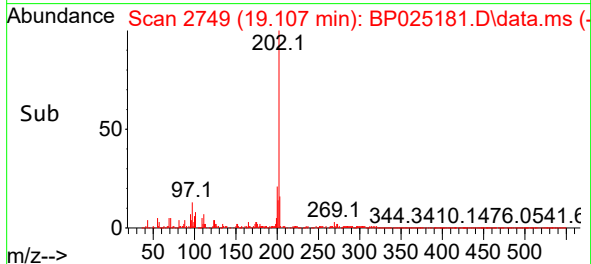
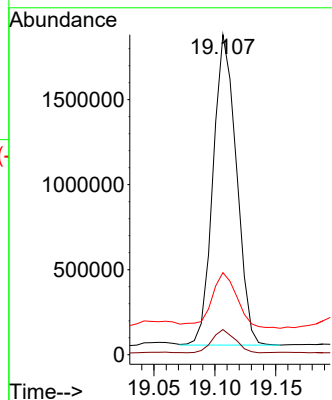
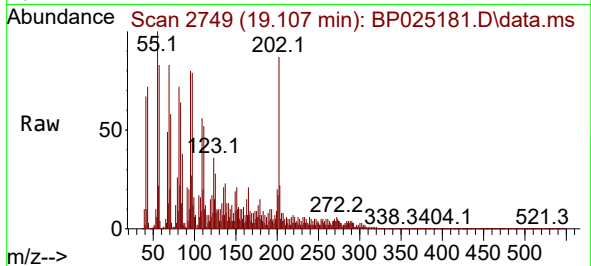




#75
Fluoranthene
Concen: 18.975 ng
RT: 19.107 min Scan# 21
Delta R.T. 0.041 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

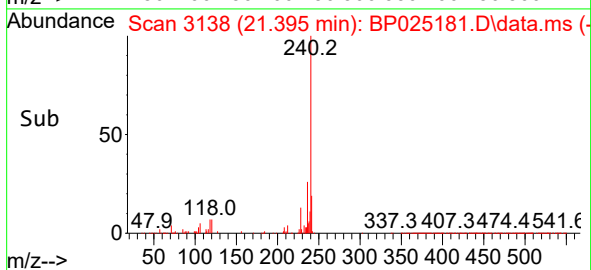
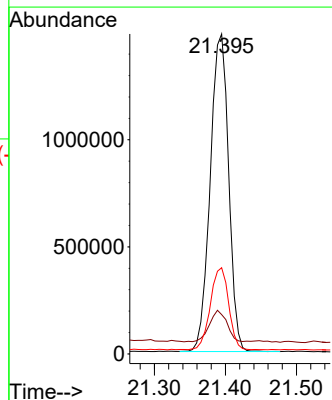
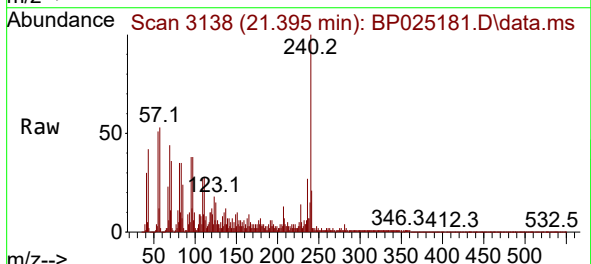
Instrument :
BNA_P
ClientSampleId :
2819MSD

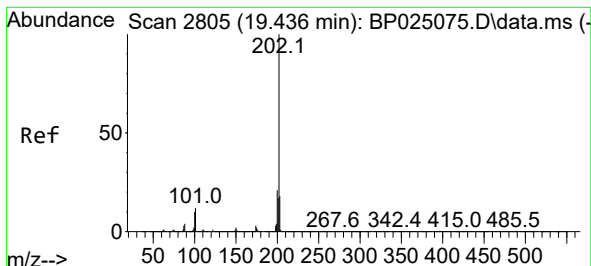
Tgt Ion:202 Resp: 2439592
Ion Ratio Lower Upper
202 100
101 7.8 0.0 30.4
203 25.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.395 min Scan# 3138
Delta R.T. 0.053 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:240 Resp: 2667867
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.4
236 26.9 20.3 30.5





#78

Pyrene

Concen: 15.499 ng

RT: 19.483 min Scan# 2813

Delta R.T. 0.047 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

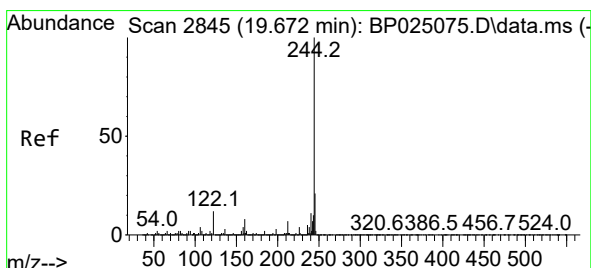
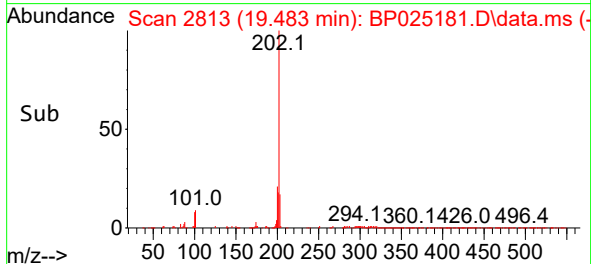
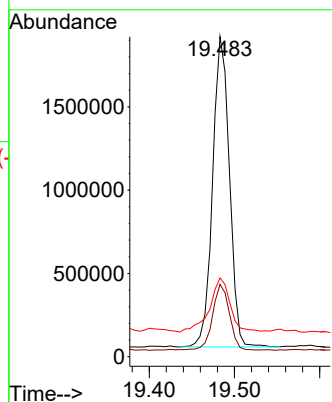
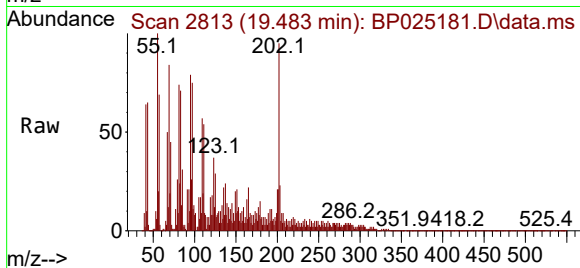
Tgt Ion:202 Resp: 2561110

Ion Ratio Lower Upper

202 100

200 22.6 17.1 25.7

203 24.6 14.1 21.1#



#79

Terphenyl-d14

Concen: 13.548 ng

RT: 19.718 min Scan# 2853

Delta R.T. 0.047 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

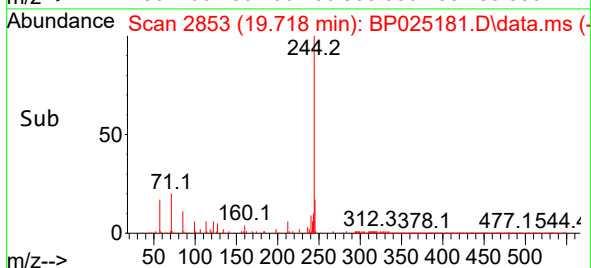
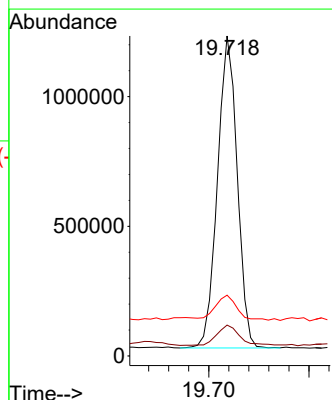
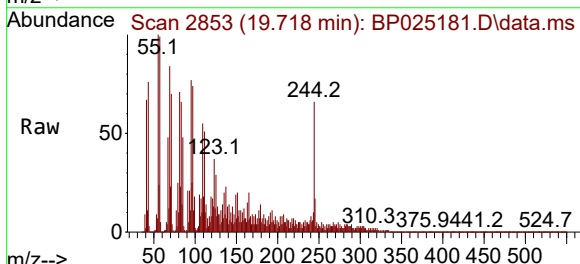
Tgt Ion:244 Resp: 1644590

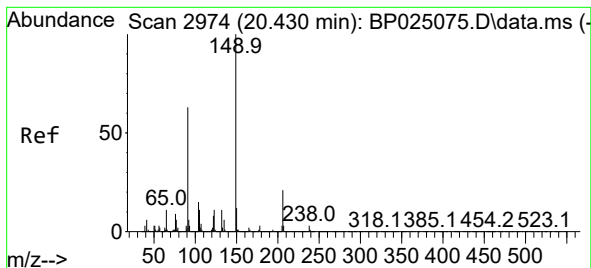
Ion Ratio Lower Upper

244 100

212 9.7 5.9 8.9#

122 19.0 9.4 14.2#





#80

Butylbenzylphthalate

Concen: 12.617 ng

RT: 20.459 min Scan# 2974

Delta R.T. 0.029 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

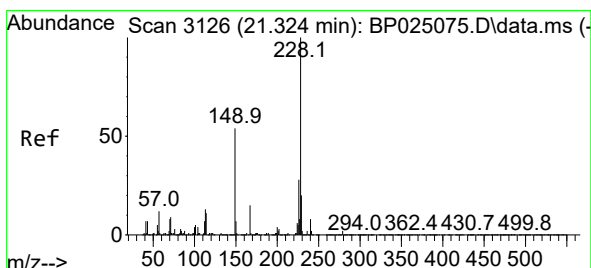
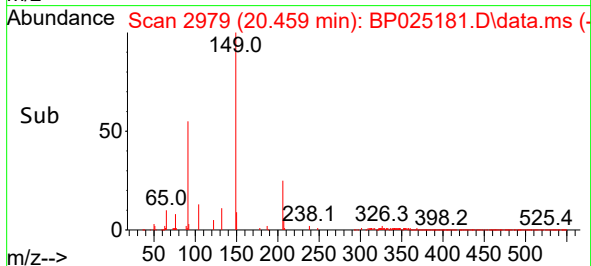
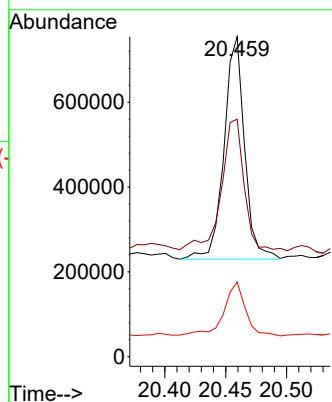
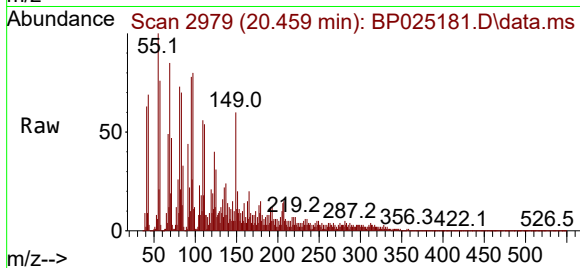
Tgt Ion:149 Resp: 616117

Ion Ratio Lower Upper

149 100

91 74.2 50.6 76.0

206 23.3 17.2 25.8



#81

Benzo(a)anthracene

Concen: 12.411 ng

RT: 21.371 min Scan# 3134

Delta R.T. 0.047 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

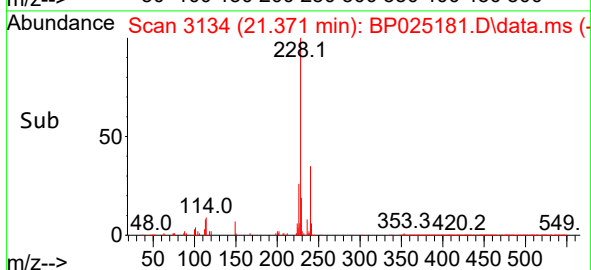
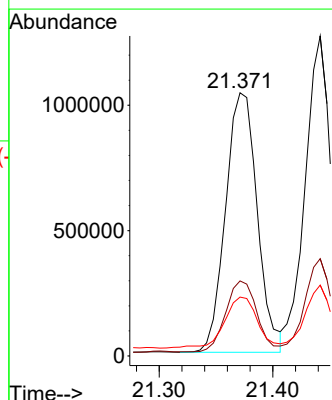
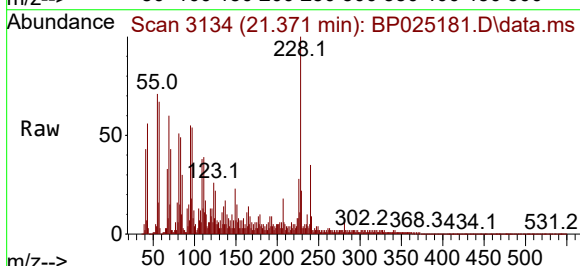
Tgt Ion:228 Resp: 2006570

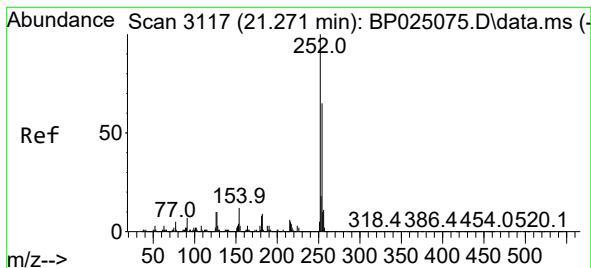
Ion Ratio Lower Upper

228 100

226 28.5 22.1 33.1

229 22.4 16.0 24.0

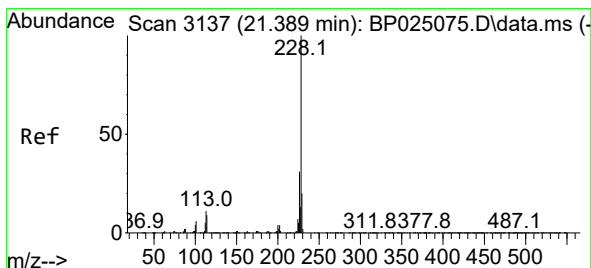
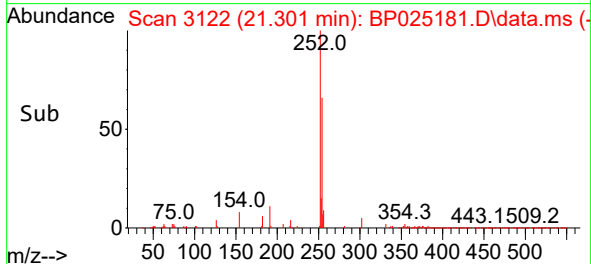
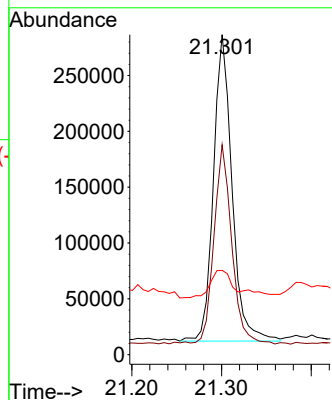
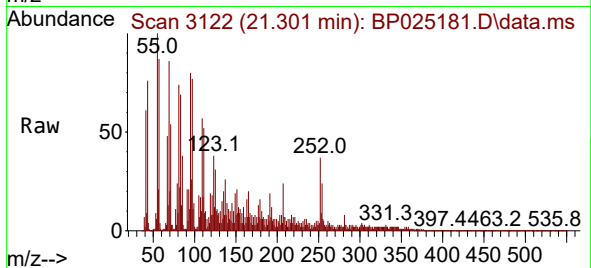




#82
3,3'-Dichlorobenzidine
Concen: 8.117 ng
RT: 21.301 min Scan# 3117
Delta R.T. 0.029 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

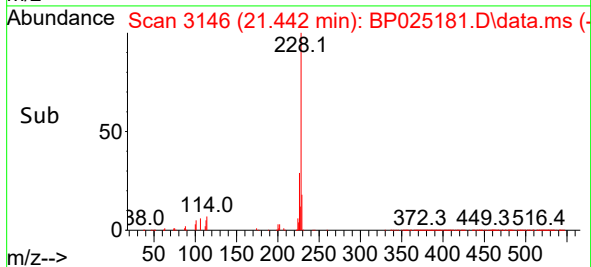
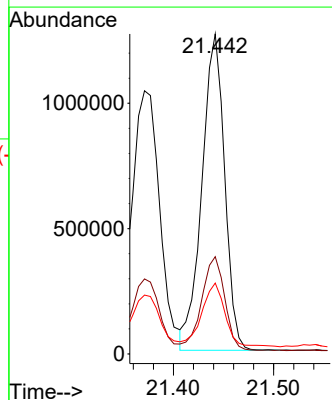
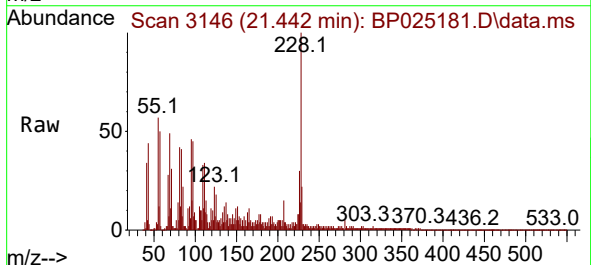
Instrument :
BNA_P
ClientSampleId :
2819MSD

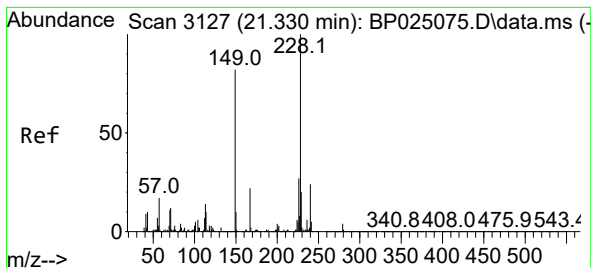
Tgt Ion:252 Resp: 395065
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 26.3 8.1 12.1#



#83
Chrysene
Concen: 12.787 ng
RT: 21.442 min Scan# 3146
Delta R.T. 0.053 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:228 Resp: 1989426
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 22.2 16.0 24.0

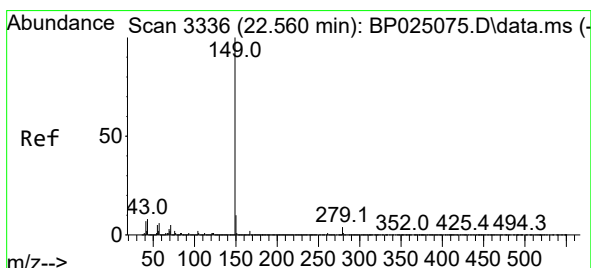
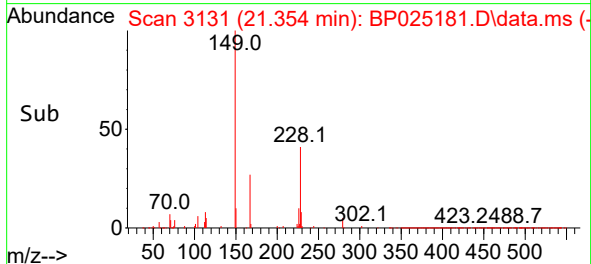
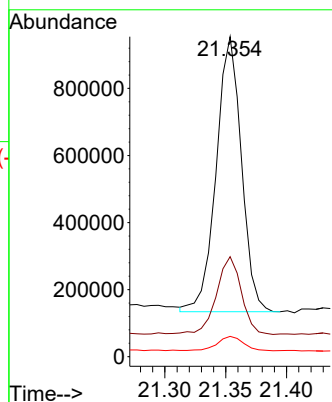
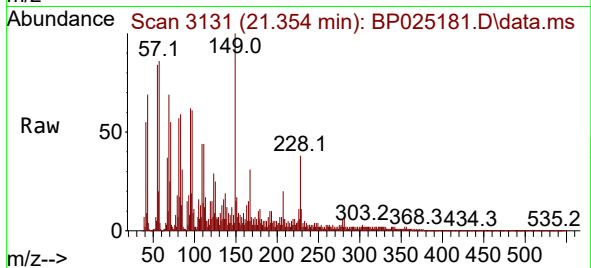




#84
Bis(2-ethylhexyl)phthalate
Concen: 13.592 ng
RT: 21.354 min Scan# 3127
Delta R.T. 0.023 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

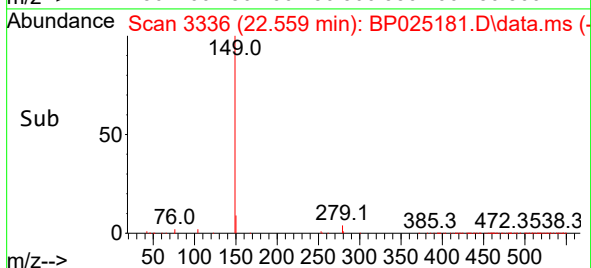
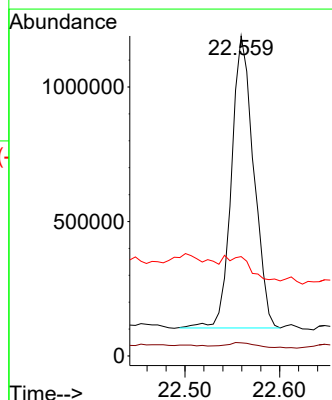
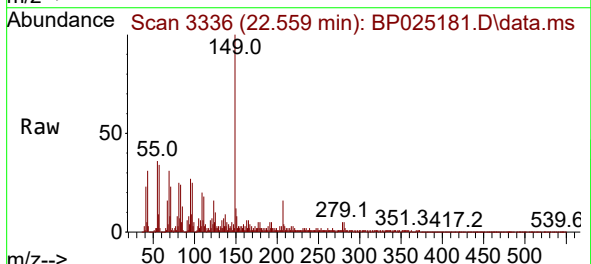
Instrument :
BNA_P
ClientSampleId :
2819MSD

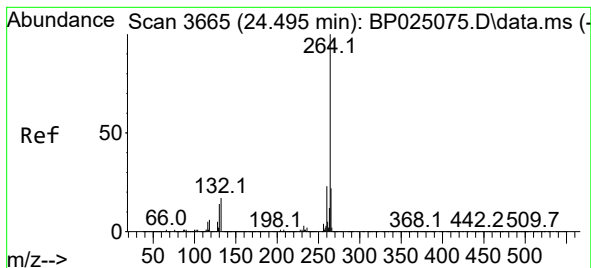
Tgt Ion:149 Resp: 1178735
Ion Ratio Lower Upper
149 100
167 31.3 21.9 32.9
279 6.4 3.5 5.3#



#85
Di-n-octyl phthalate
Concen: 15.814 ng
RT: 22.559 min Scan# 3336
Delta R.T. -0.001 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:149 Resp: 1769819
Ion Ratio Lower Upper
149 100
167 2.8 1.3 1.9#
43 0.0 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.530 min Scan# 3

Delta R.T. 0.035 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

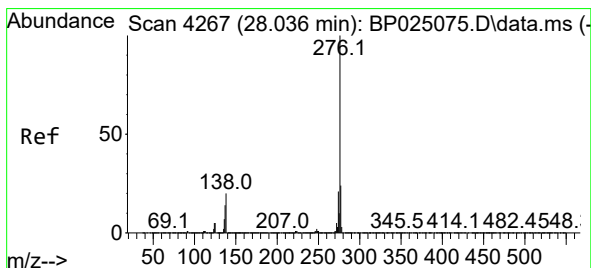
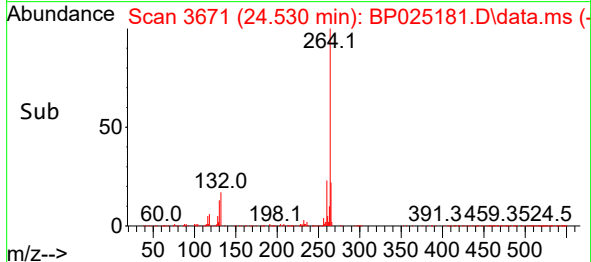
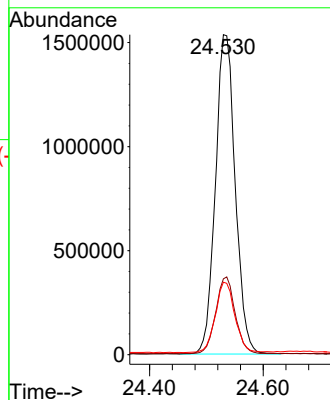
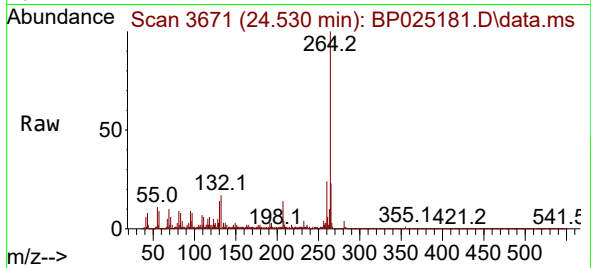
Tgt Ion:264 Resp: 3715152

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.6 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 10.494 ng m

RT: 28.077 min Scan# 4274

Delta R.T. 0.041 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

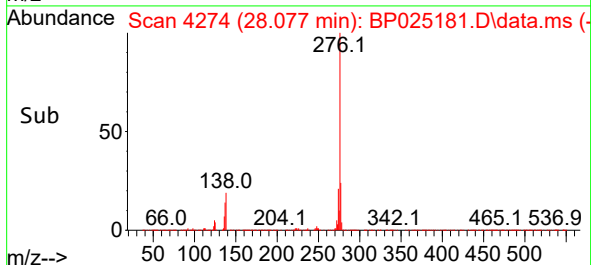
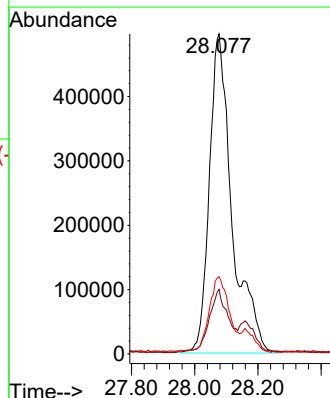
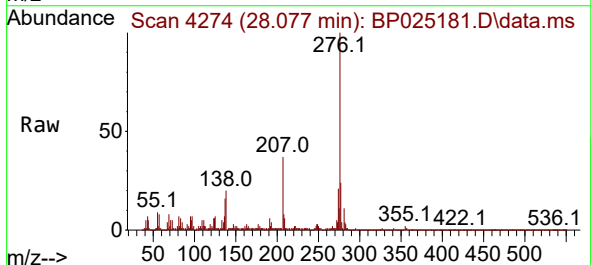
Tgt Ion:276 Resp: 2483741

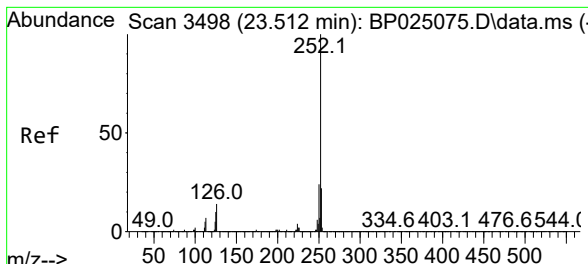
Ion Ratio Lower Upper

276 100

138 15.9 13.0 19.6

277 20.0 15.9 23.9

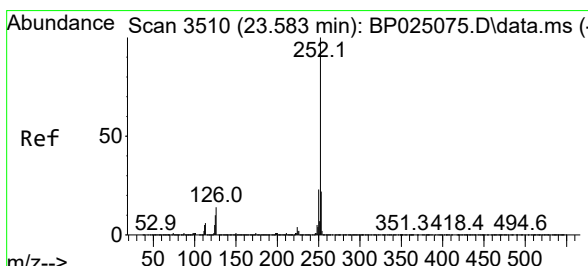
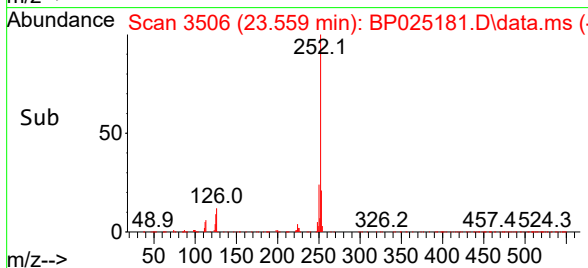
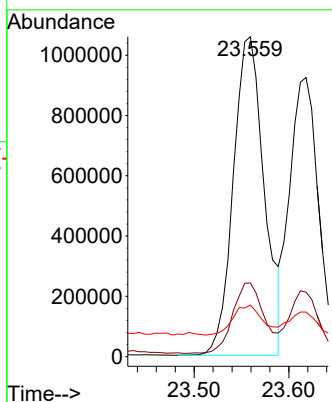
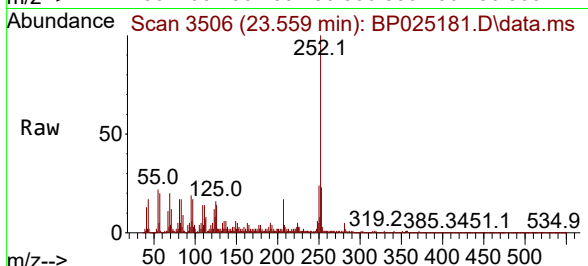




#88
Benzo(b)fluoranthene
Concen: 11.076 ng
RT: 23.559 min Scan# 311
Delta R.T. 0.047 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

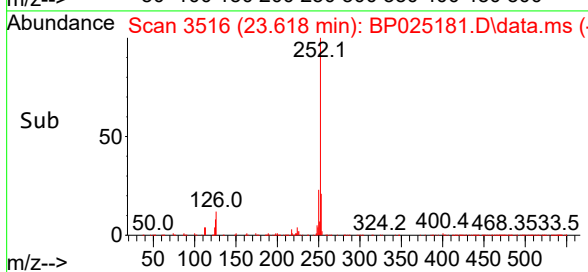
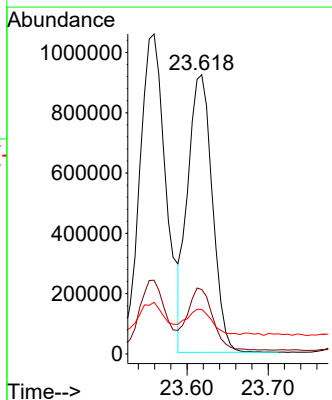
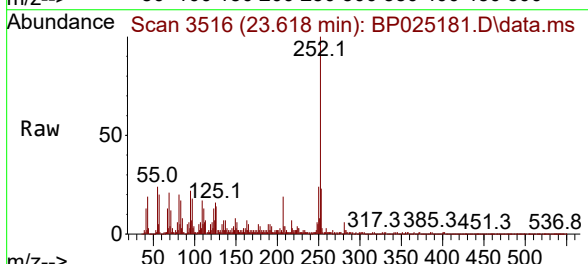
Instrument :
BNA_P
ClientSampleId :
2819MSD

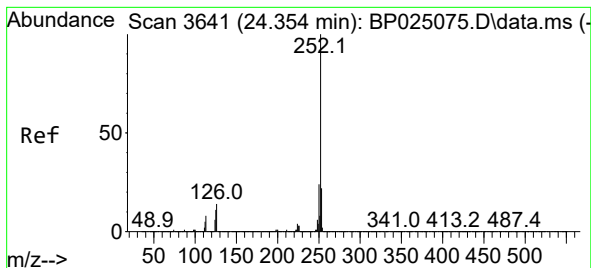
Tgt Ion:252 Resp: 2395141
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 16.1 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 9.008 ng
RT: 23.618 min Scan# 3516
Delta R.T. 0.035 min
Lab File: BP025181.D
Acq: 17 Jul 2025 17:02

Tgt Ion:252 Resp: 1938168
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 16.0 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 12.792 ng

RT: 24.395 min Scan# 3

Delta R.T. 0.041 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD

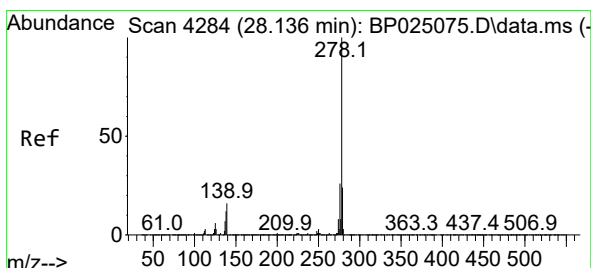
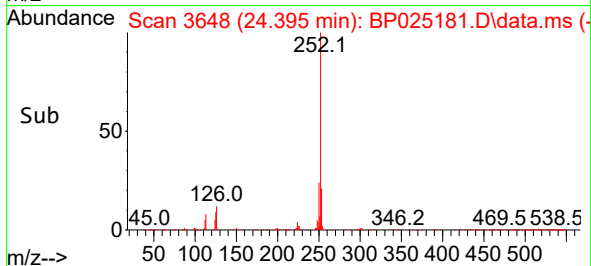
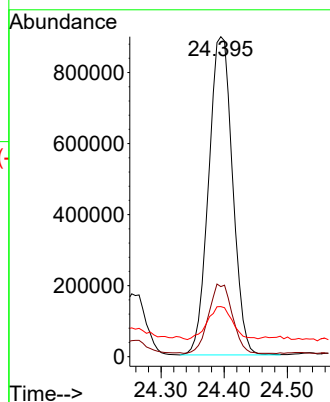
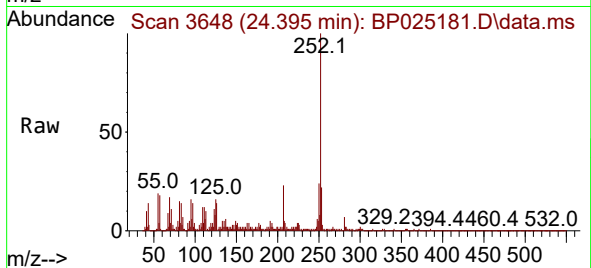
Tgt Ion:252 Resp: 2354349

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 15.7 9.0 13.4#



#91

Dibenzo(a,h)anthracene

Concen: 9.154 ng

RT: 28.159 min Scan# 4288

Delta R.T. 0.023 min

Lab File: BP025181.D

Acq: 17 Jul 2025 17:02

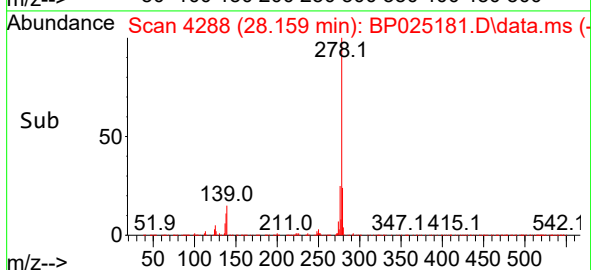
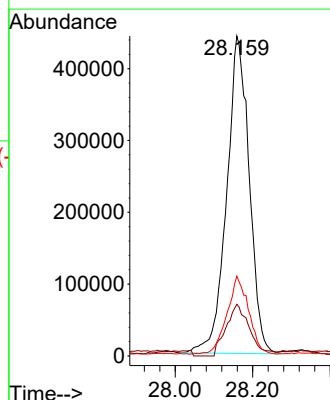
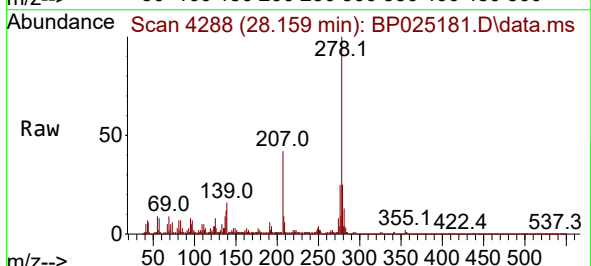
Tgt Ion:278 Resp: 1790861

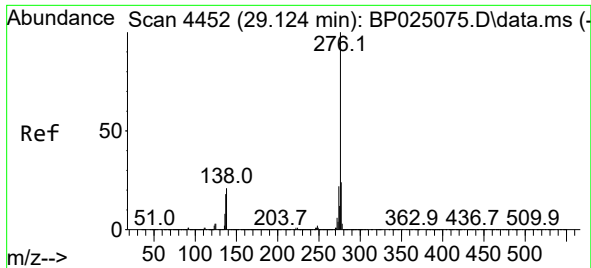
Ion Ratio Lower Upper

278 100

139 16.2 13.1 19.7

279 24.9 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 12.023 ng

RT: 29.165 min Scan# 44

Delta R.T. 0.041 min

Lab File: BP025181.D

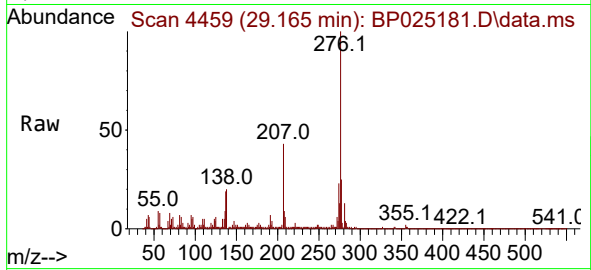
Acq: 17 Jul 2025 17:02

Instrument :

BNA_P

ClientSampleId :

2819MSD



Tgt Ion:276 Resp: 2429852

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 20.2 16.9 25.3

