

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024638.D
 Acq On : 15 May 2025 15:18
 Operator : RC/JU
 Sample : Q2010-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-13MS

Quant Time: May 15 15:48:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	165529	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	634360	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	378565	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	753325	20.000	ng	0.00
76) Chrysene-d12	21.527	240	842505	20.000	ng	0.00
86) Perylene-d12	24.798	264	953147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	856774	88.528	ng	0.00
7) Phenol-d6	6.852	99	1057784	85.639	ng	0.00
23) Nitrobenzene-d5	8.810	82	638968	50.893	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	562674	87.674	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1470035	50.874	ng	0.00
79) Terphenyl-d14	19.816	244	2392705	48.697	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	169804	37.365	ng	99
3) Pyridine	3.623	79	411638	40.850	ng	99
4) n-Nitrosodimethylamine	3.534	42	193142	43.416	ng	97
6) Aniline	6.999	93	561977	35.240	ng	100
8) 2-Chlorophenol	7.234	128	509228	46.350	ng	99
9) Benzaldehyde	6.816	77	316969	39.642	ng	99
10) Phenol	6.881	94	593400	46.547	ng	100
11) bis(2-Chloroethyl)ether	7.093	93	436677	41.686	ng	99
12) 1,3-Dichlorobenzene	7.552	146	547308	43.299	ng	98
13) 1,4-Dichlorobenzene	7.693	146	552518	43.461	ng	99
14) 1,2-Dichlorobenzene	8.005	146	528682	42.677	ng	99
15) Benzyl Alcohol	7.905	79	419911	44.736	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	507352	40.442	ng	99
17) 2-Methylphenol	8.111	107	404526	44.241	ng	98
18) Hexachloroethane	8.722	117	197785	40.599	ng	98
19) n-Nitroso-di-n-propyla...	8.463	70	296270	34.675	ng	97
20) 3+4-Methylphenols	8.434	107	498876	40.109	ng	100
22) Acetophenone	8.475	105	654869	41.327	ng	98
24) Nitrobenzene	8.852	77	501541	45.394	ng	96
25) Isophorone	9.375	82	937975	43.069	ng	99
26) 2-Nitrophenol	9.557	139	270894	50.036	ng	99
27) 2,4-Dimethylphenol	9.622	122	450968	47.245	ng	99
28) bis(2-Chloroethoxy)met...	9.852	93	571836	43.950	ng	99
29) 2,4-Dichlorophenol	10.087	162	448301	48.465	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	474967	45.566	ng	98
31) Naphthalene	10.481	128	1469571	44.704	ng	100
32) Benzoic acid	9.793	122	336377	50.212	ng	98
33) 4-Chloroaniline	10.599	127	373803	28.179	ng	98
34) Hexachlorobutadiene	10.763	225	309121	45.778	ng	96
35) Caprolactam	11.387	113	157614	47.096	ng	99
36) 4-Chloro-3-methylphenol	11.734	107	516210	45.762	ng	99
37) 2-Methylnaphthalene	12.093	142	926779	43.540	ng	99
38) 1-Methylnaphthalene	12.310	142	972826	42.714	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	524927	47.751	ng	99
41) Hexachlorocyclopentadiene	12.446	237	756205	113.445	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	368341	51.731	ng	99

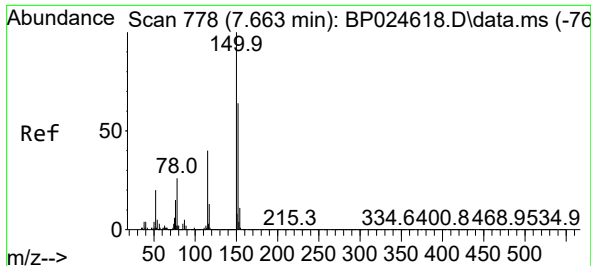
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	403367	50.893	ng	98
46) 1,1'-Biphenyl	13.116	154	1301925	46.530	ng	100
47) 2-Chloronaphthalene	13.157	162	993000	46.545	ng	99
48) 2-Nitroaniline	13.375	65	311778	49.362	ng	97
49) Acenaphthylene	14.016	152	1622957	45.458	ng	99
50) Dimethylphthalate	13.757	163	1296579	44.935	ng	100
51) 2,6-Dinitrotoluene	13.869	165	284162	46.631	ng	98
52) Acenaphthene	14.363	154	929691	45.296	ng	99
53) 3-Nitroaniline	14.210	138	212436	34.141	ng	99
54) 2,4-Dinitrophenol	14.428	184	374950	96.168	ng	97
55) Dibenzofuran	14.704	168	1491506	45.559	ng	98
56) 4-Nitrophenol	14.545	139	528415	97.134	ng	99
57) 2,4-Dinitrotoluene	14.681	165	411100	47.851	ng	98
58) Fluorene	15.363	166	1230074	46.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	358164	48.714	ng	99
60) Diethylphthalate	15.134	149	1329786	45.598	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	608237	45.689	ng	99
62) 4-Nitroaniline	15.392	138	301420	50.169	ng	98
63) Azobenzene	15.657	77	1250868	50.138	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	242947	49.928	ng	98
66) n-Nitrosodiphenylamine	15.581	169	1074572	46.440	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	414519	46.697	ng	98
68) Hexachlorobenzene	16.387	284	510643	45.271	ng	98
69) Atrazine	16.563	200	406566	47.945	ng	99
70) Pentachlorophenol	16.745	266	695823	109.894	ng	99
71) Phenanthrene	17.145	178	1893808	45.222	ng	100
72) Anthracene	17.234	178	1971542	46.792	ng	99
73) Carbazole	17.516	167	1837012	48.170	ng	99
74) Di-n-butylphthalate	18.098	149	2364678	48.214	ng	99
75) Fluoranthene	19.222	202	2288323	46.745	ng	99
77) Benzidine	19.428	184	1224992	53.385	ng	100
78) Pyrene	19.598	202	2380843	47.163	ng	100
80) Butylbenzylphthalate	20.551	149	1148313	51.148	ng	93
81) Benzo(a)anthracene	21.504	228	2459103	46.484	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	645946	32.874	ng	99
83) Chrysene	21.575	228	2300052	45.864	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1659519	50.290	ng	100
85) Di-n-octyl phthalate	22.692	149	2851767	52.847	ng	99
87) Indeno(1,2,3-cd)pyrene	28.533	276	3290454	47.287	ng	98
88) Benzo(b)fluoranthene	23.769	252	2609378	47.829	ng	100
89) Benzo(k)fluoranthene	23.839	252	2568026	45.681	ng	99
90) Benzo(a)pyrene	24.651	252	2461650	46.981	ng	99
91) Dibenzo(a,h)anthracene	28.604	278	2694828	47.603	ng	98
92) Benzo(g,h,i)perylene	29.686	276	2668855	47.408	ng	99

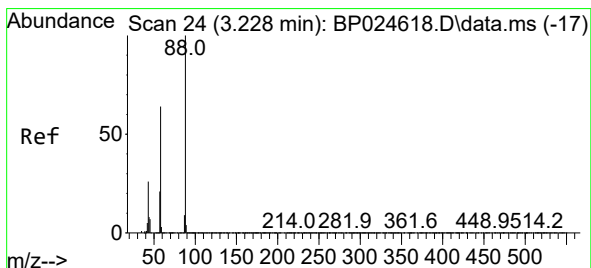
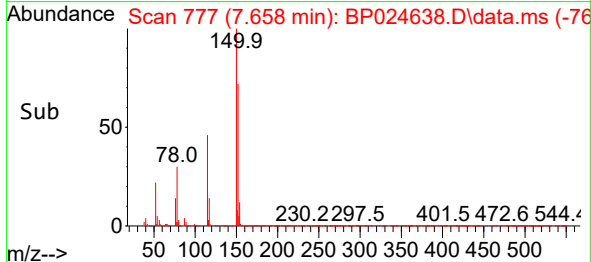
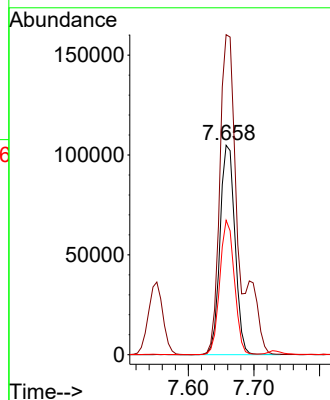
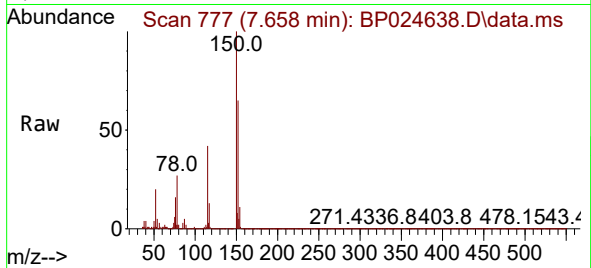
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024638.D
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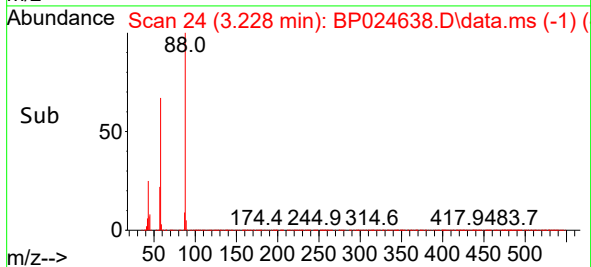
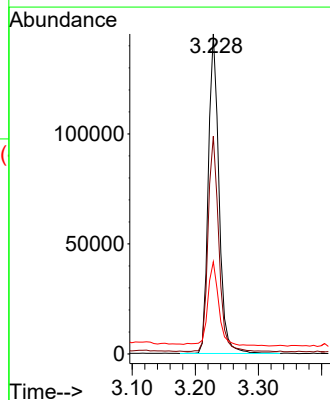
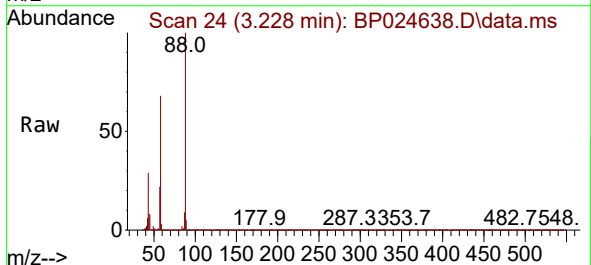
Instrument :
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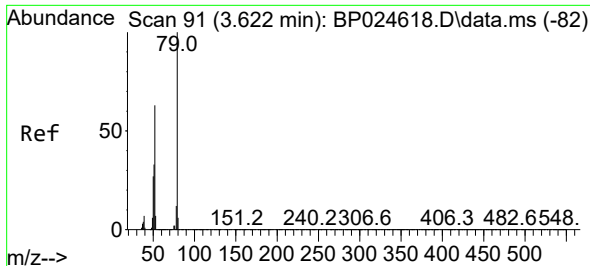
Tgt Ion:152 Resp: 165529
Ion Ratio Lower Upper
152 100
150 152.8 125.9 188.9
115 64.2 50.1 75.1



#2
1,4-Dioxane
Concen: 37.365 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 88 Resp: 169804
Ion Ratio Lower Upper
88 100
58 68.2 54.0 81.0
43 28.0 21.4 32.0

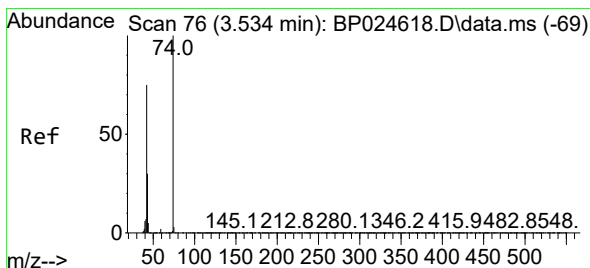
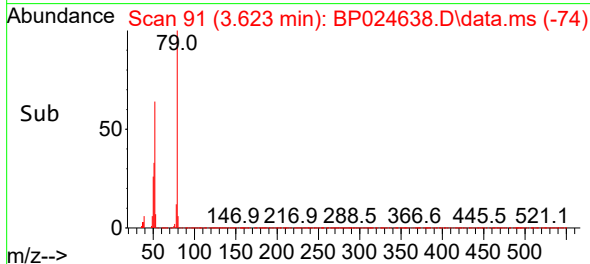
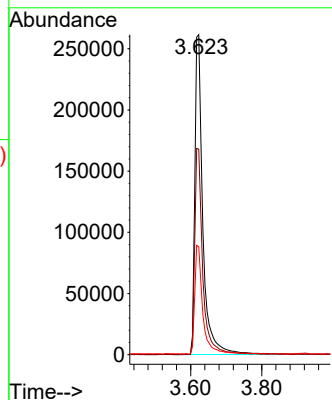
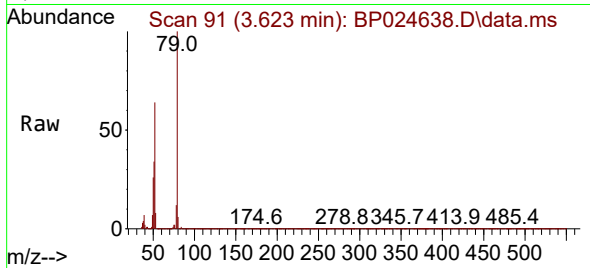




#3
Pyridine
Concen: 40.850 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

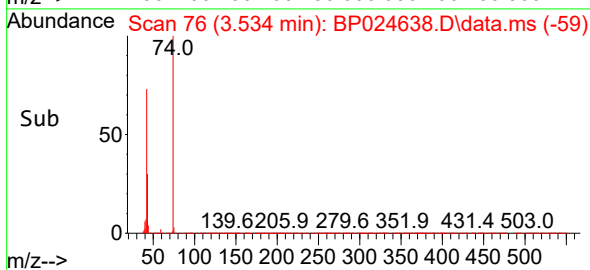
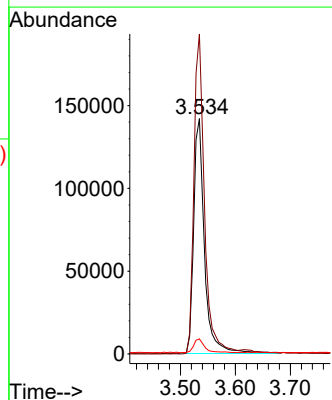
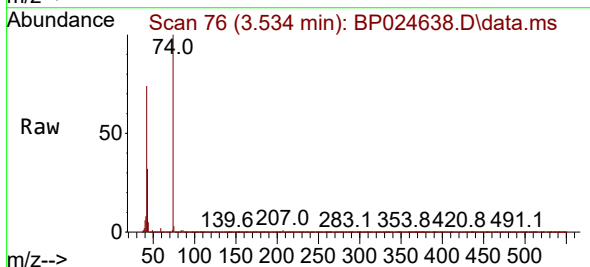
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BNA_P
ClientSampleId :
TP-13MS

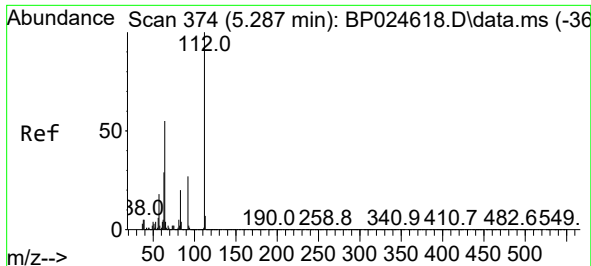
Tgt Ion: 79 Resp: 411638
Ion Ratio Lower Upper
79 100
52 64.2 50.2 75.2
51 33.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 43.416 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 42 Resp: 193142
Ion Ratio Lower Upper
42 100
74 135.9 106.2 159.2
44 6.4 5.4 8.2

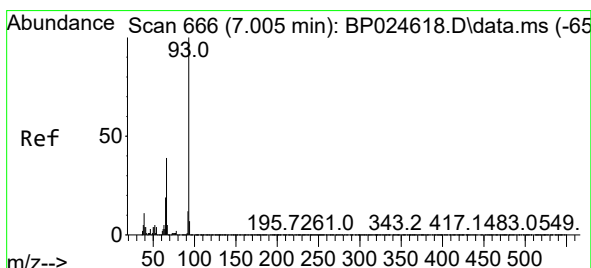
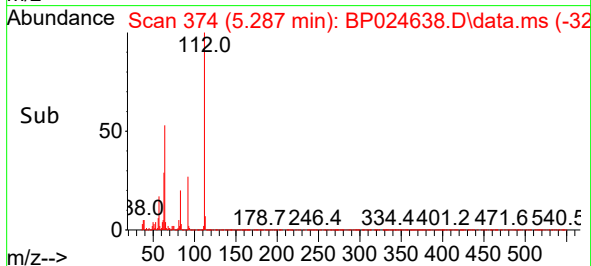
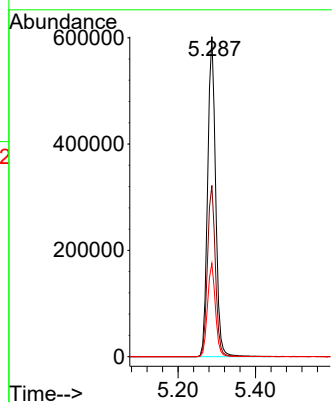
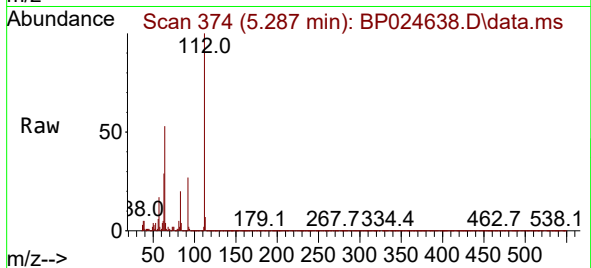




#5
2-Fluorophenol
Concen: 88.528 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

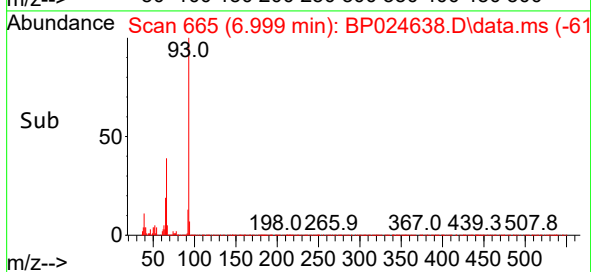
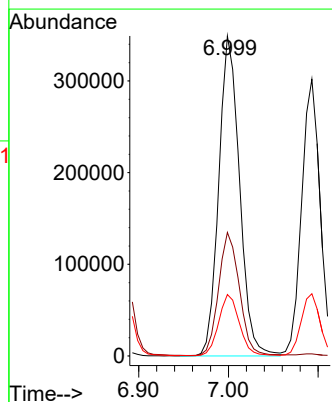
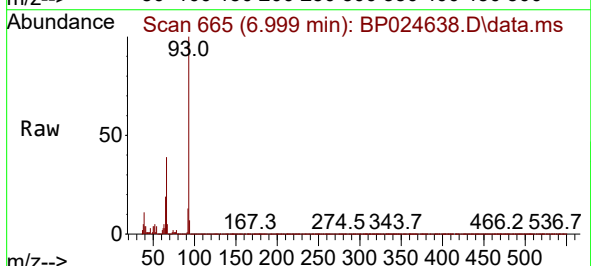
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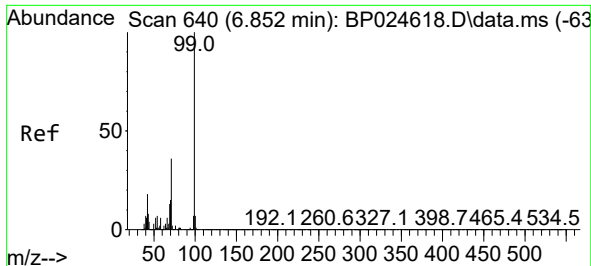
Tgt Ion:112 Resp: 856774
Ion Ratio Lower Upper
112 100
64 53.5 44.1 66.1
63 29.1 23.5 35.3



#6
Aniline
Concen: 35.240 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 93 Resp: 561977
Ion Ratio Lower Upper
93 100
66 38.6 31.0 46.6
65 19.2 15.5 23.3

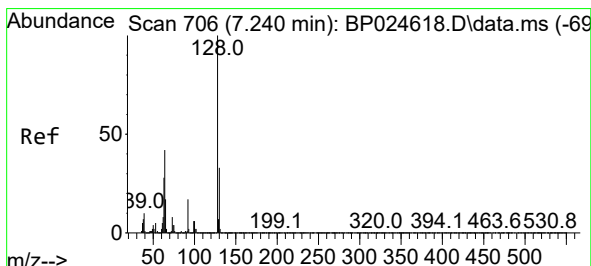
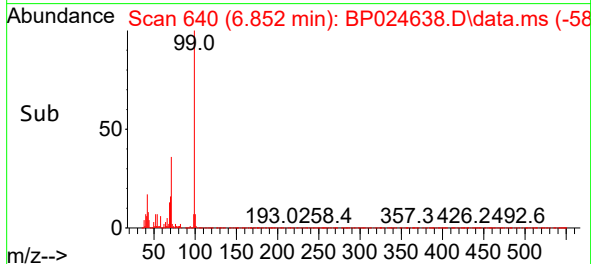
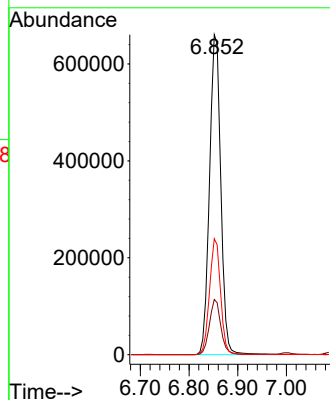
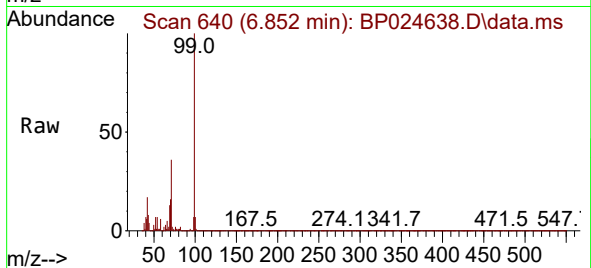




#7
Phenol-d6
Concen: 85.639 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

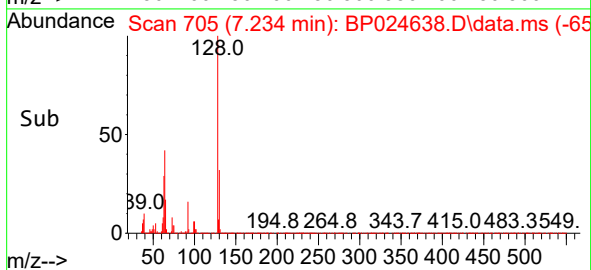
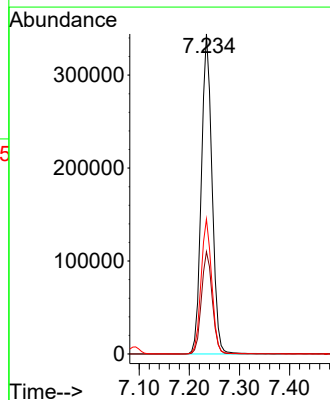
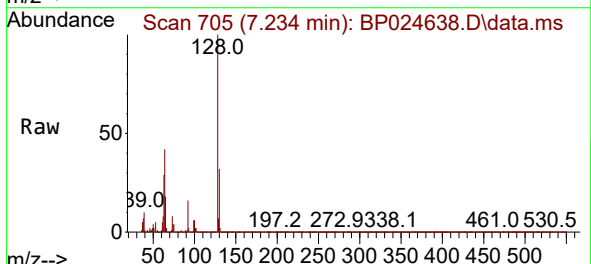
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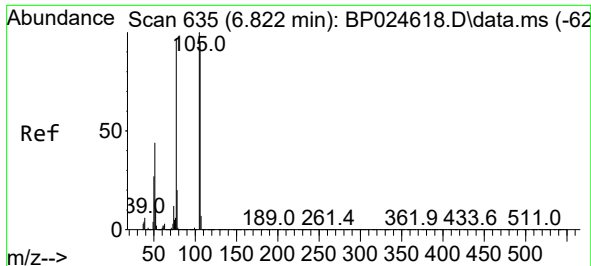
Tgt Ion: 99 Resp: 1057784
Ion Ratio Lower Upper
99 100
42 17.2 14.4 21.6
71 36.3 29.2 43.8



#8
2-Chlorophenol
Concen: 46.350 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 128 Resp: 509228
Ion Ratio Lower Upper
128 100
130 31.9 13.0 53.0
64 42.1 22.3 62.3

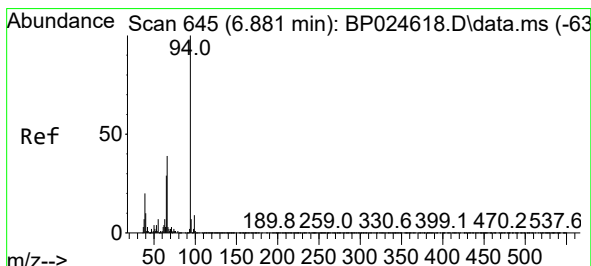
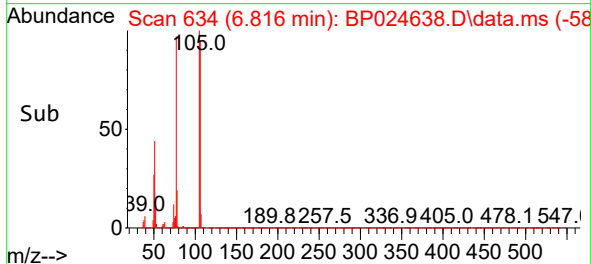
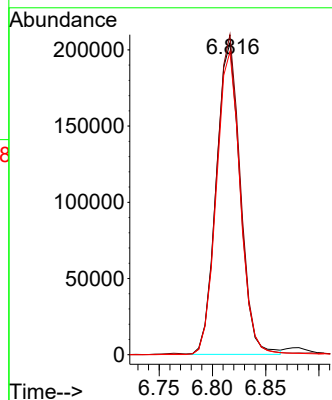
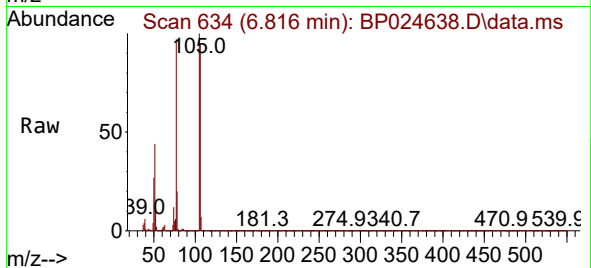




#9
Benzaldehyde
Concen: 39.642 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

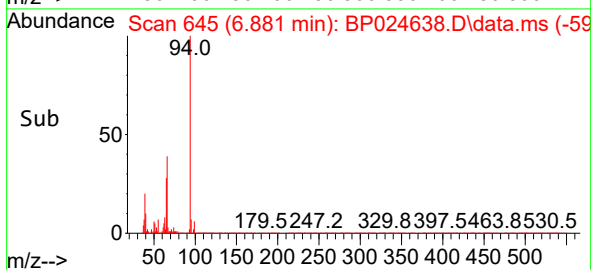
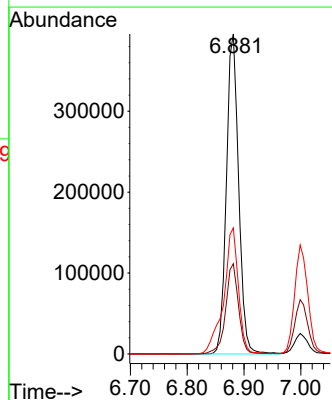
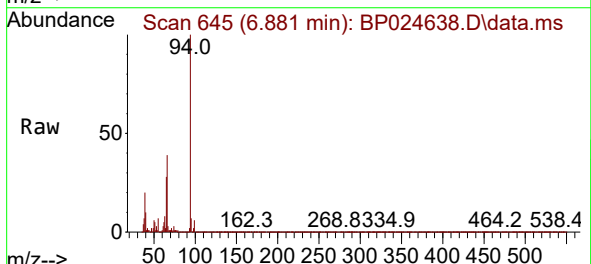
Instrument :
BNA_P
ClientSampleId :
TP-13MS

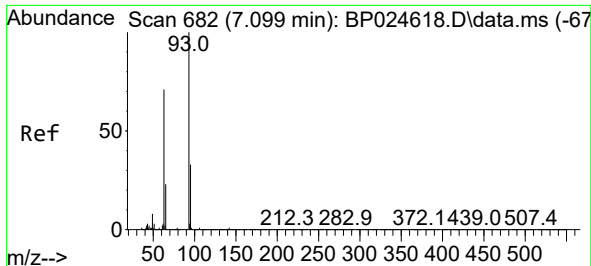
Tgt Ion: 77 Resp: 316969
Ion Ratio Lower Upper
77 100
105 102.6 83.3 123.3
106 97.2 78.0 118.0



#10
Phenol
Concen: 46.547 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 94 Resp: 593400
Ion Ratio Lower Upper
94 100
65 28.2 8.7 48.7
66 39.4 19.4 59.4

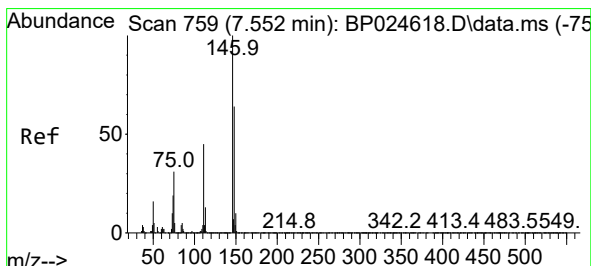
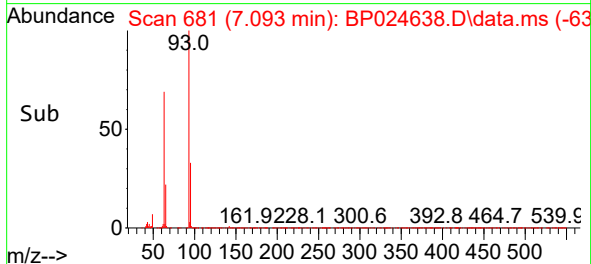
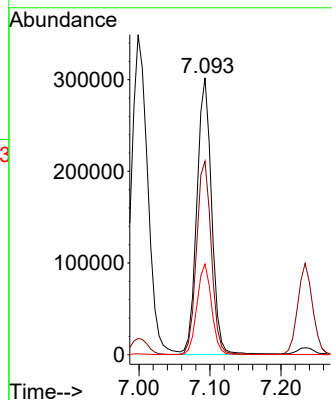
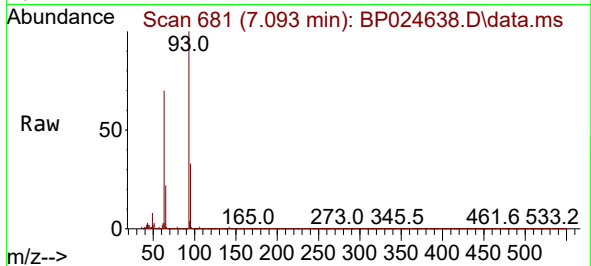




#11
bis(2-Chloroethyl)ether
Concen: 41.686 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

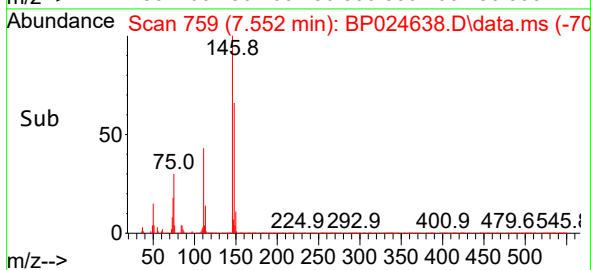
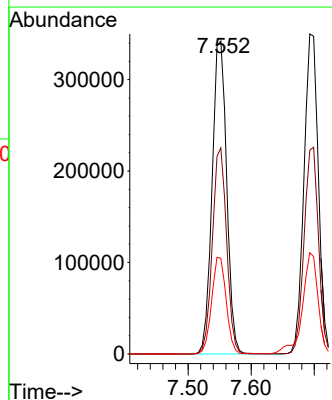
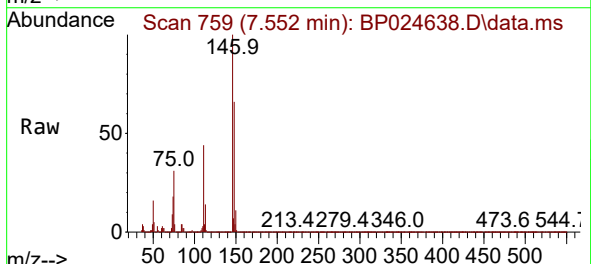
Instrument :
BNA_P
ClientSampleId :
TP-13MS

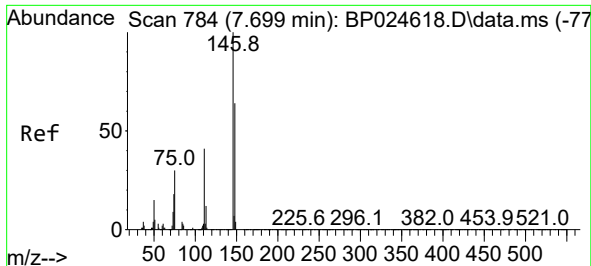
Tgt Ion: 93 Resp: 436677
Ion Ratio Lower Upper
93 100
63 69.9 50.6 90.6
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.299 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 146 Resp: 547308
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.2
75 30.6 25.2 37.8

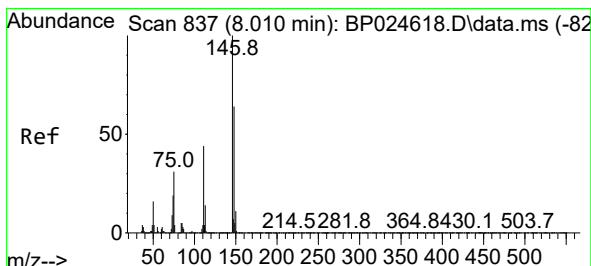
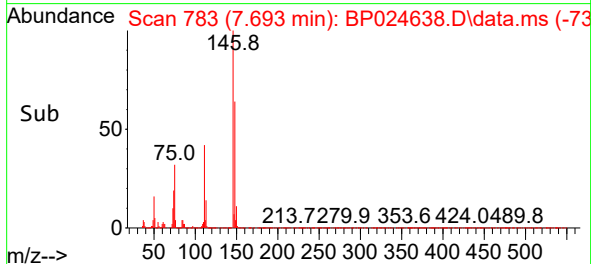
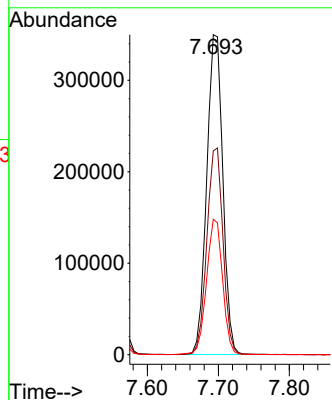
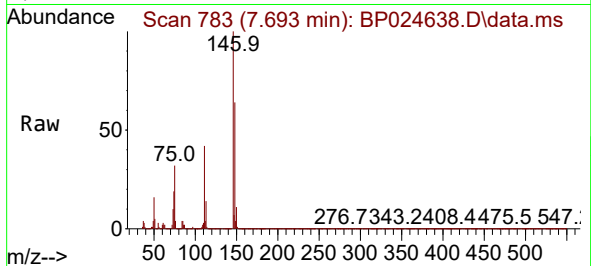




#13
1,4-Dichlorobenzene
Concen: 43.461 ng
RT: 7.693 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

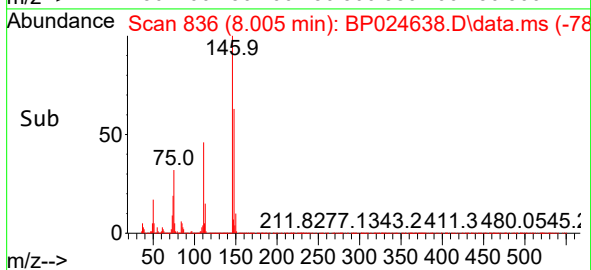
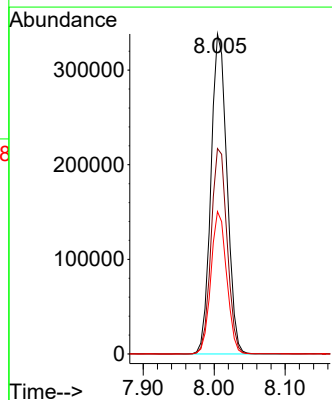
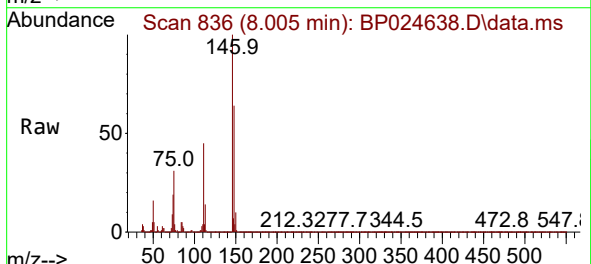
Instrument :
BNA_P
ClientSampleId :
TP-13MS

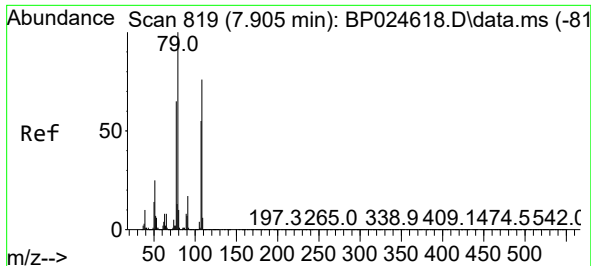
Tgt Ion:146 Resp: 552518
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 42.3 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 42.677 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:146 Resp: 528682
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 44.5 35.2 52.8

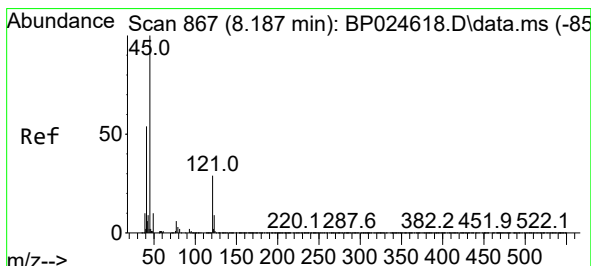
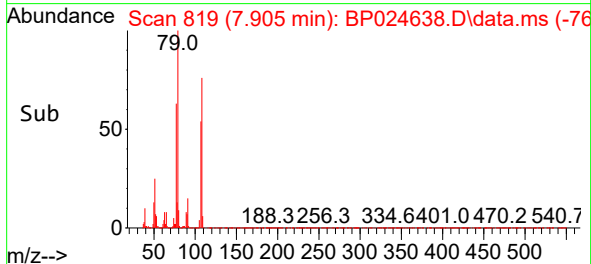
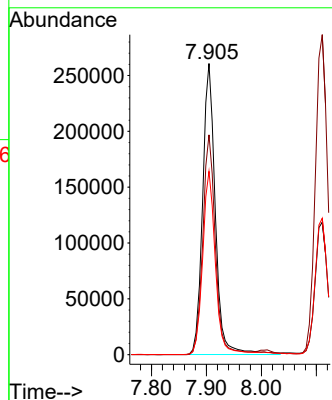
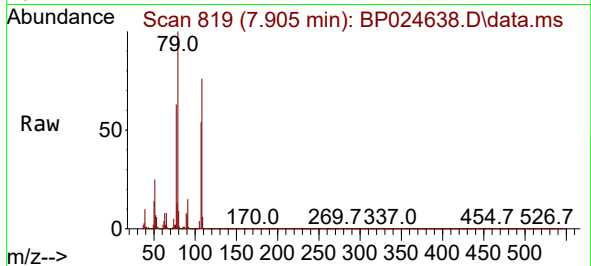




#15
Benzyl Alcohol
Concen: 44.736 ng
RT: 7.905 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

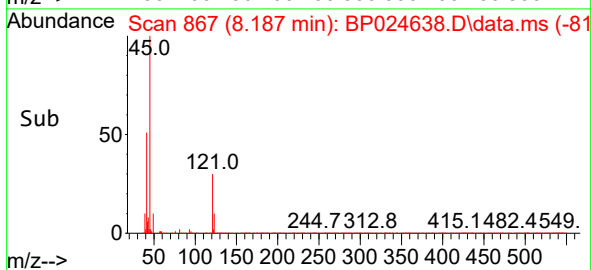
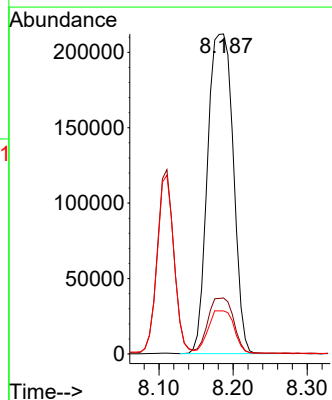
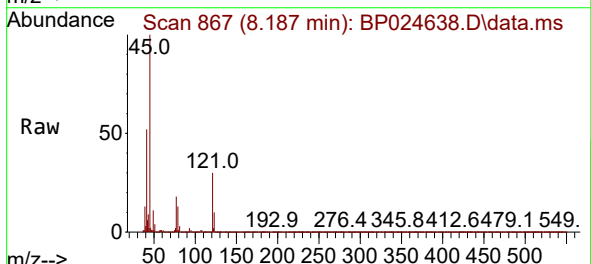
Instrument :
BNA_P
ClientSampleId :
TP-13MS

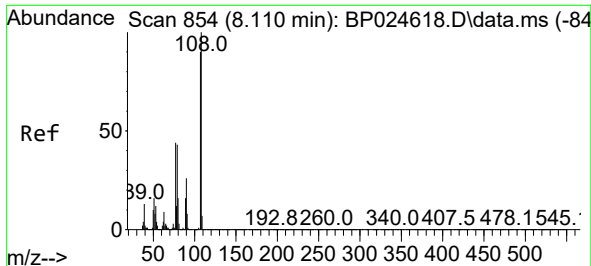
Tgt Ion: 79 Resp: 419911
Ion Ratio Lower Upper
79 100
108 75.5 60.8 91.2
77 63.0 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.442 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 45 Resp: 507352
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 13.5 0.0 34.0

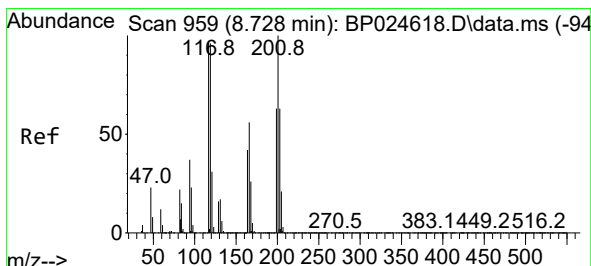
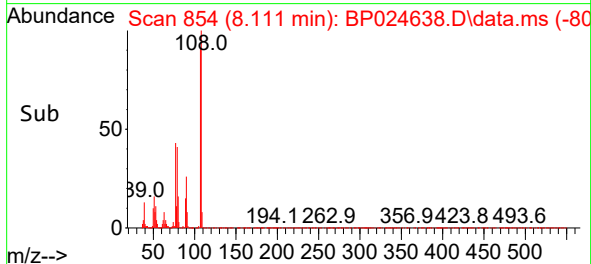
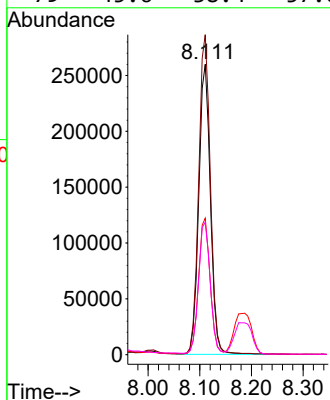
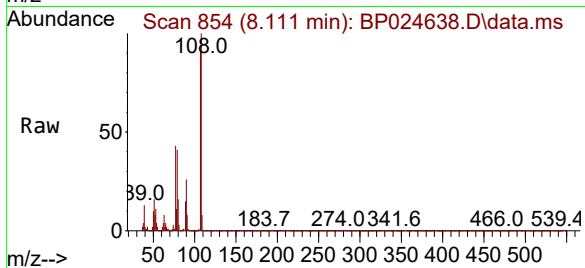




#17
2-Methylphenol
Concen: 44.241 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

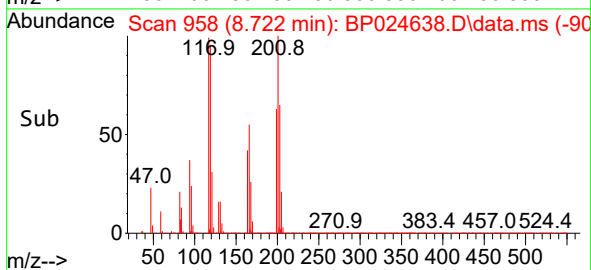
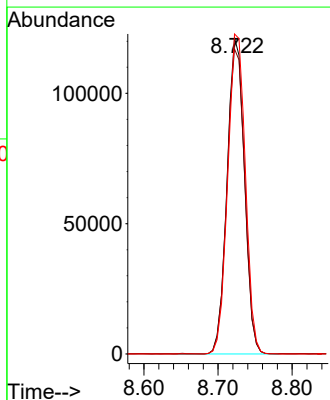
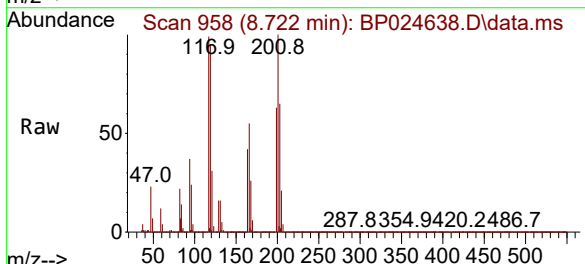
Instrument :
BNA_P
ClientSampleId :
TP-13MS

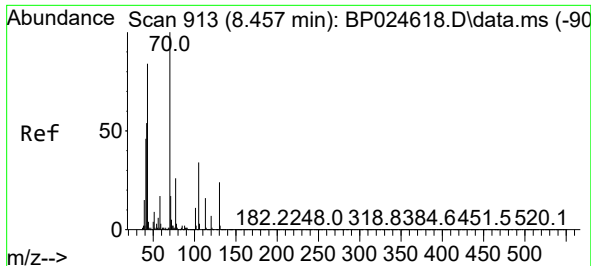
Tgt Ion:	107	Resp:	404526
Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.9	133.3
77	47.0	39.0	58.6
79	45.6	38.4	57.6



#18
Hexachloroethane
Concen: 40.599 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:	117	Resp:	197785
Ion	Ratio	Lower	Upper
117	100		
119	96.4	79.4	119.0
201	101.2	82.7	124.1

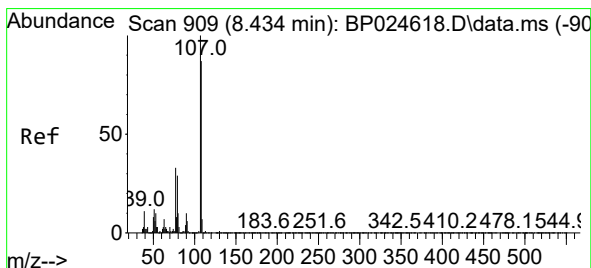
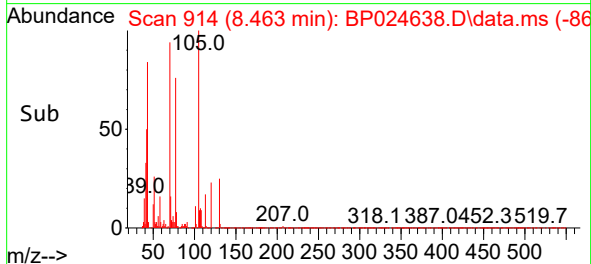
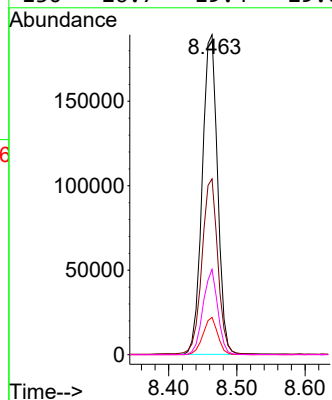
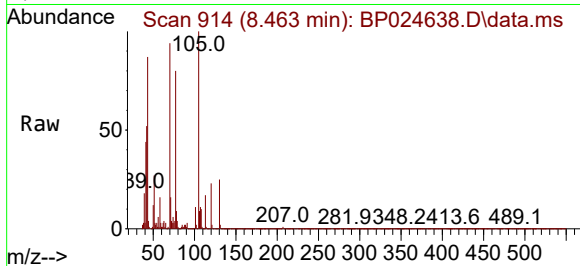




#19
n-Nitroso-di-n-propylamine
Concen: 34.675 ng
RT: 8.463 min Scan# 913
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

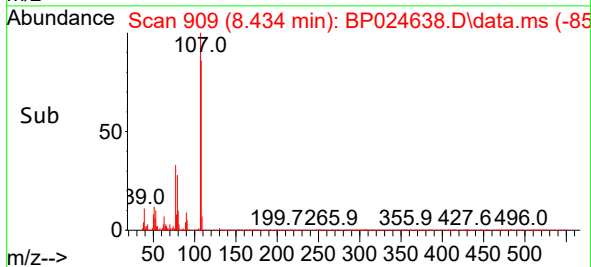
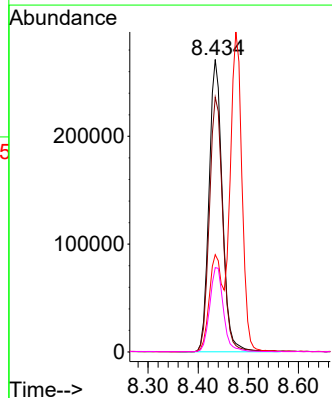
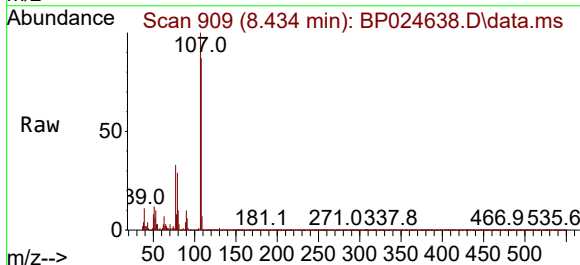
Instrument :
BNA_P
ClientSampleId :
TP-13MS

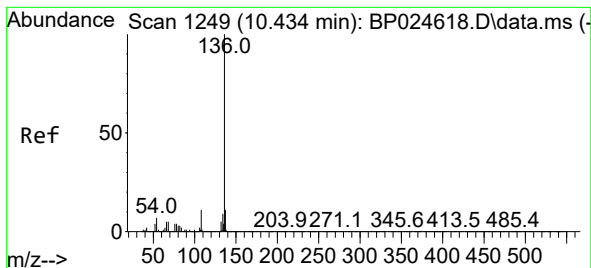
Tgt Ion: 70 Resp: 296270
Ion Ratio Lower Upper
70 100
42 54.9 43.0 64.6
101 11.6 8.7 13.1
130 26.7 19.4 29.0



#20
3+4-Methylphenols
Concen: 40.109 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 107 Resp: 498876
Ion Ratio Lower Upper
107 100
108 87.1 66.7 106.7
77 33.3 13.1 53.1
79 28.8 8.9 48.9

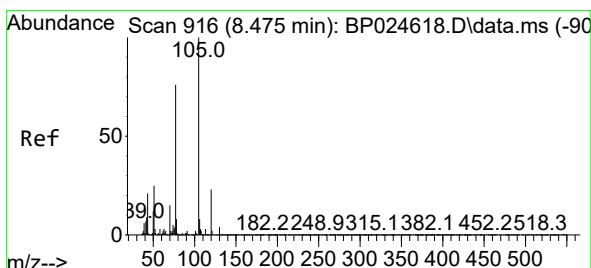
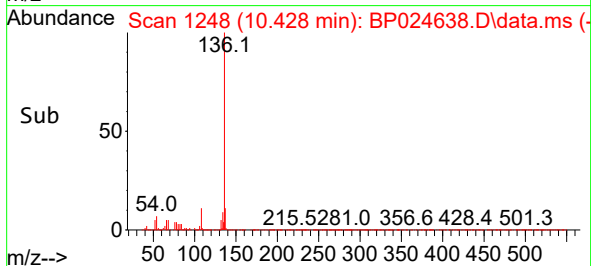
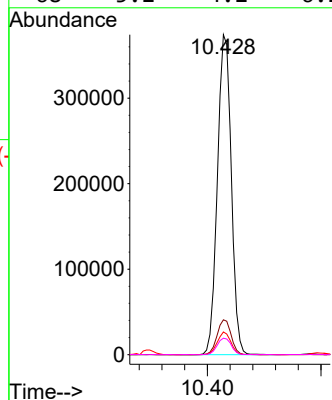
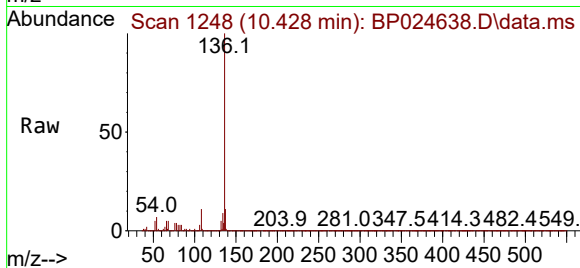




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

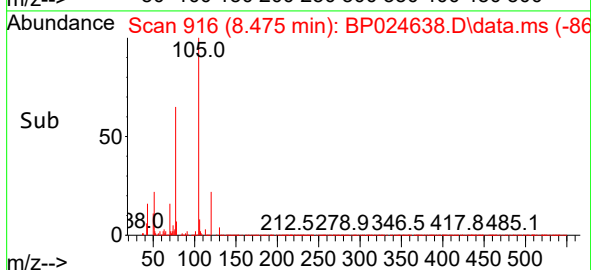
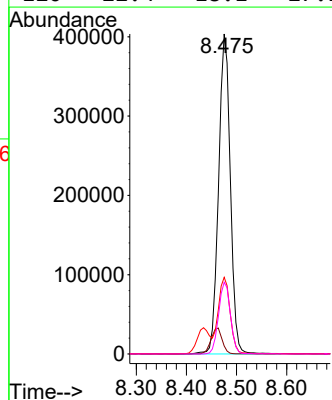
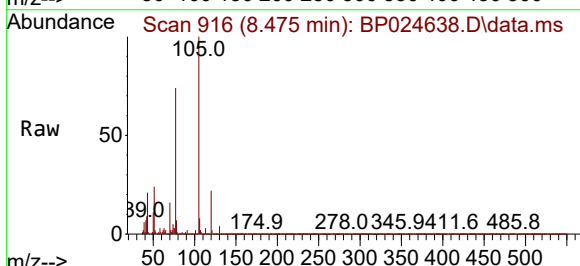
Instrument :
BNA_P
ClientSampleId :
TP-13MS

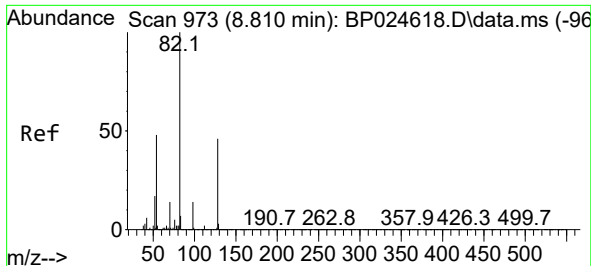
Tgt Ion:	136	Resp:	634360
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.5	8.3
68	5.2	4.2	6.2



#22
Acetophenone
Concen: 41.327 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:	105	Resp:	654869
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	23.9	20.4	30.6
120	22.4	18.1	27.1

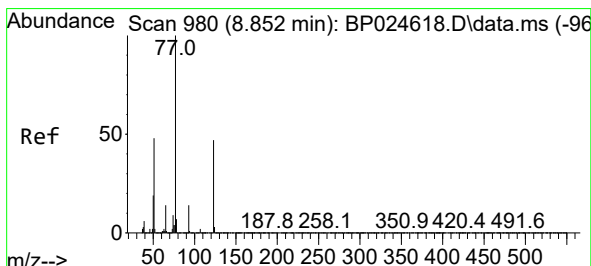
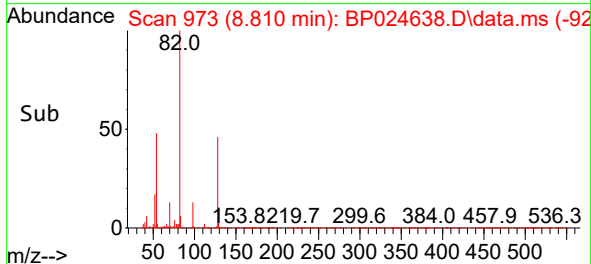
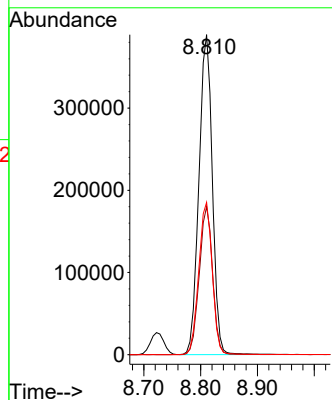
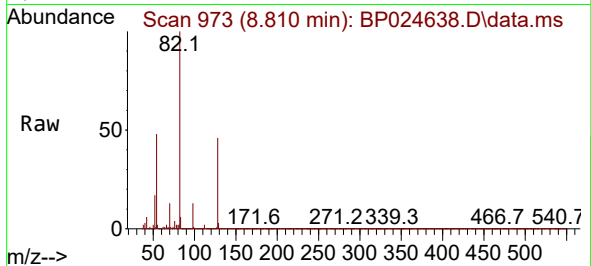




#23
Nitrobenzene-d5
Concen: 50.893 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

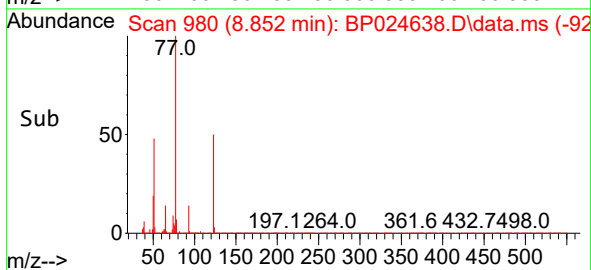
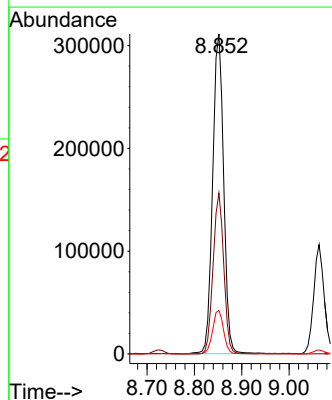
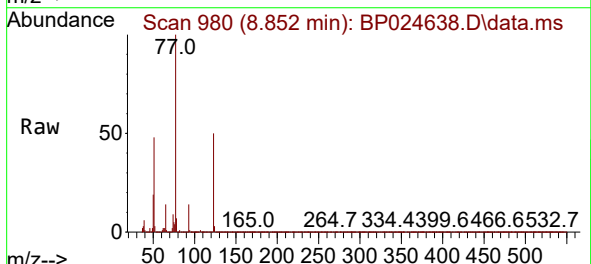
Instrument :
BNA_P
ClientSampleId :
TP-13MS

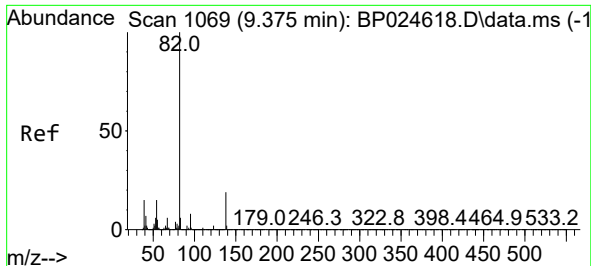
Tgt Ion: 82 Resp: 638968
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.4
54 47.6 38.7 58.1



#24
Nitrobenzene
Concen: 45.394 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 77 Resp: 501541
Ion Ratio Lower Upper
77 100
123 50.3 37.4 56.0
65 13.6 11.3 16.9

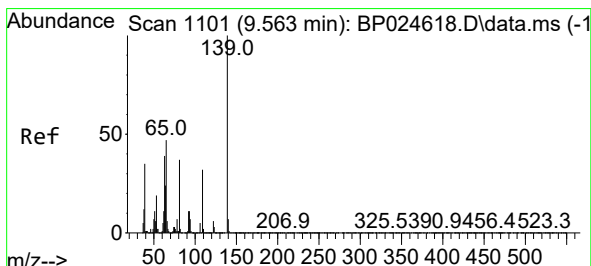
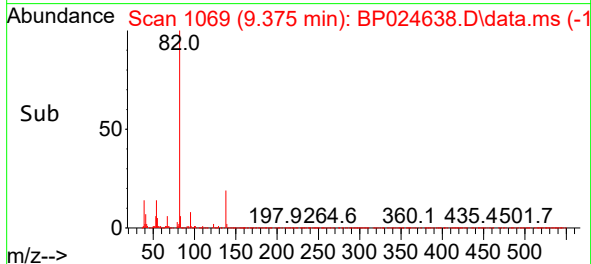
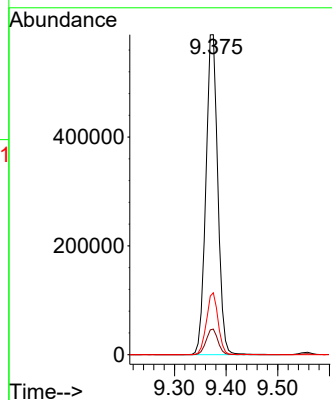
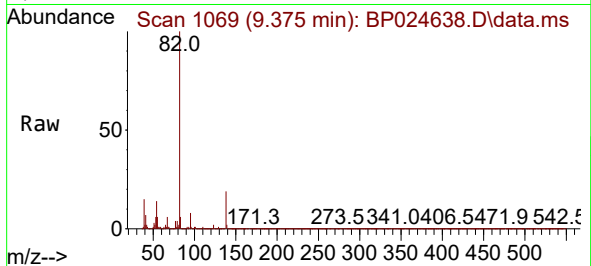




#25
Isophorone
Concen: 43.069 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

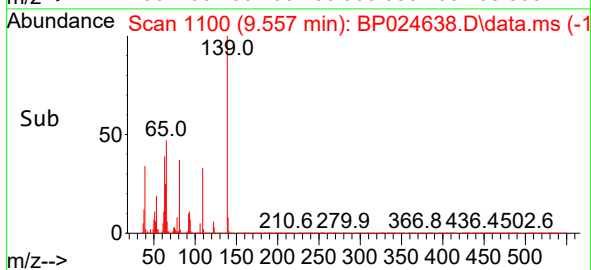
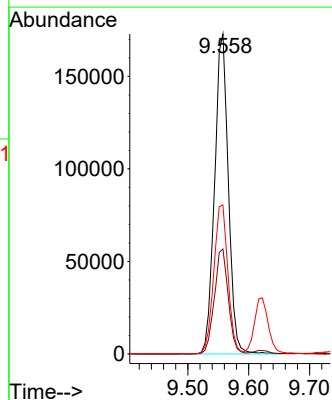
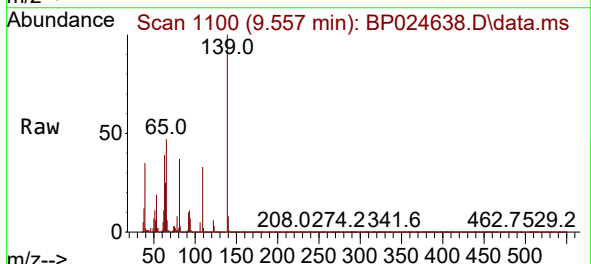
Instrument :
BNA_P
ClientSampleId :
TP-13MS

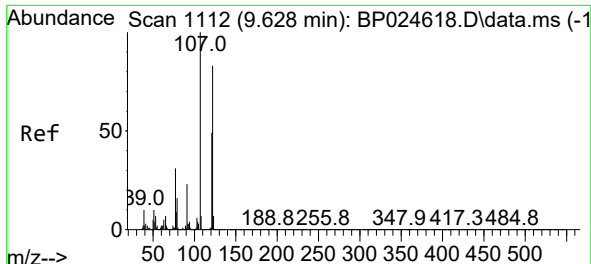
Tgt Ion: 82 Resp: 937975
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 50.036 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 139 Resp: 270894
Ion Ratio Lower Upper
139 100
109 32.8 25.9 38.9
65 46.6 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 47.245 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

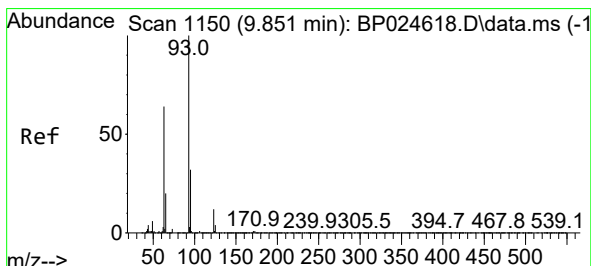
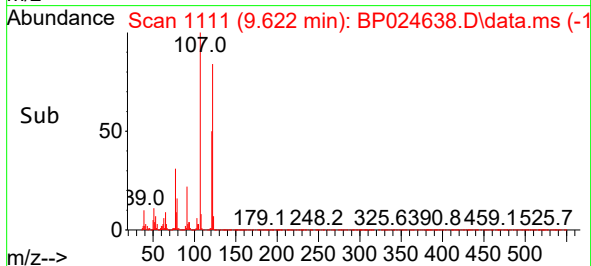
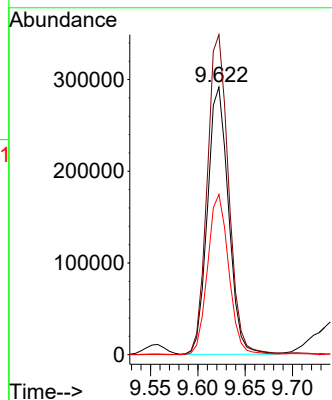
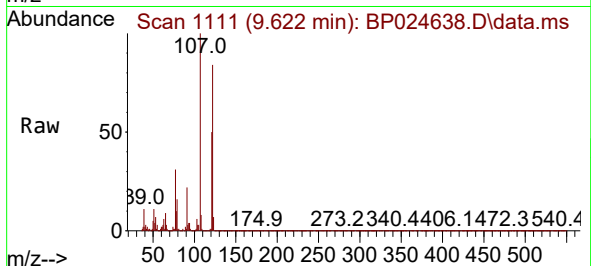
Tgt Ion:122 Resp: 450968

Ion Ratio Lower Upper

122 100

107 119.6 96.2 144.2

121 59.9 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.950 ng

RT: 9.852 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

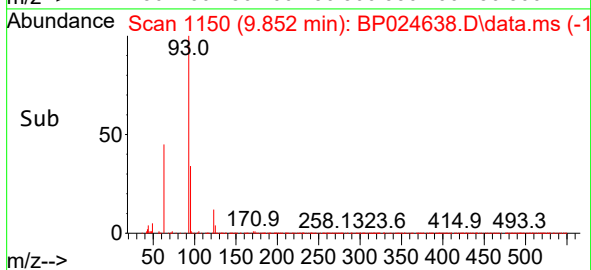
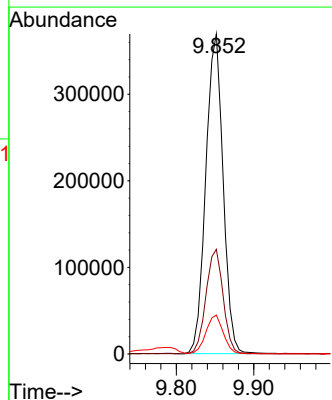
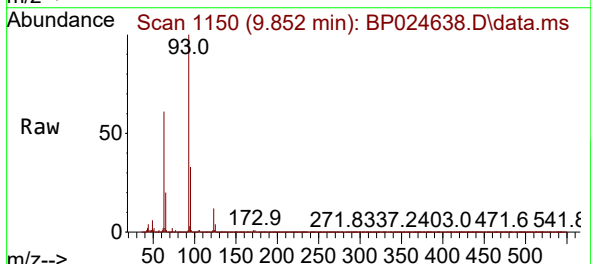
Tgt Ion: 93 Resp: 571836

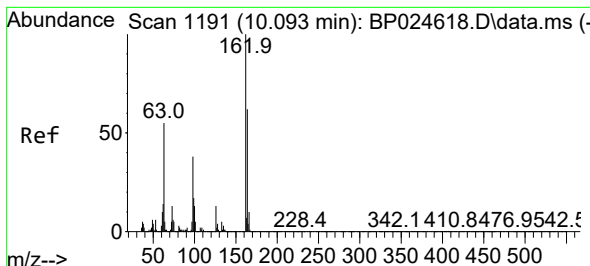
Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 48.465 ng

RT: 10.087 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

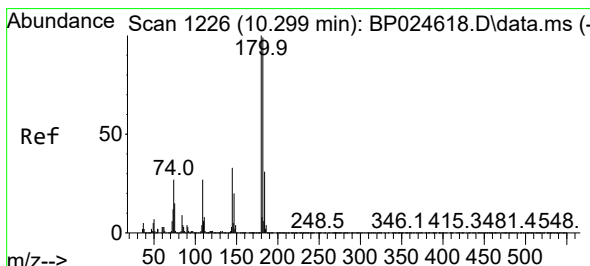
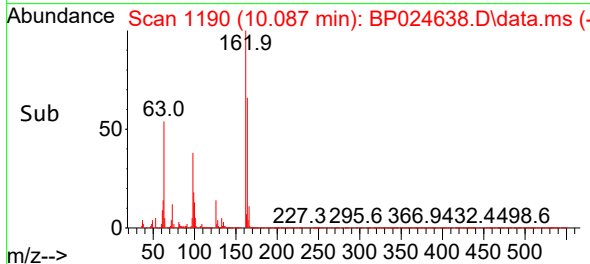
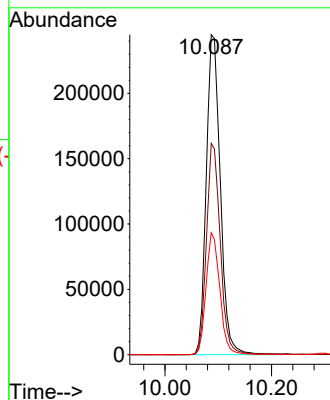
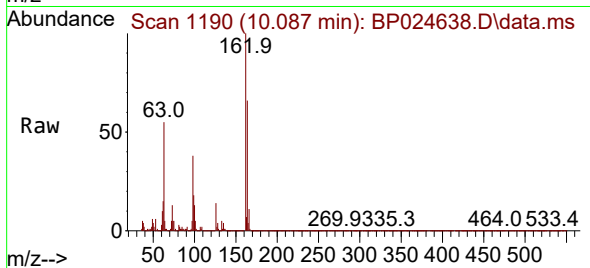
Tgt Ion:162 Resp: 448301

Ion Ratio Lower Upper

162 100

164 66.0 42.3 82.3

98 38.1 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 45.566 ng

RT: 10.299 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

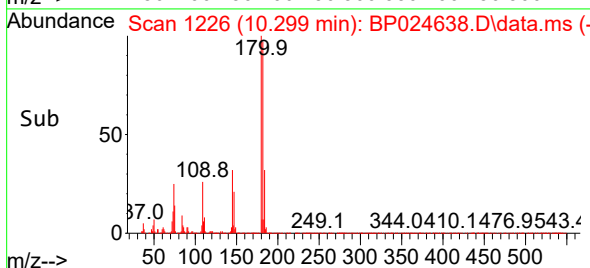
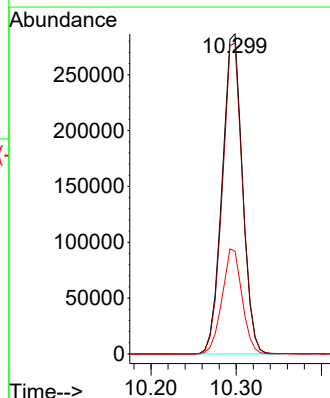
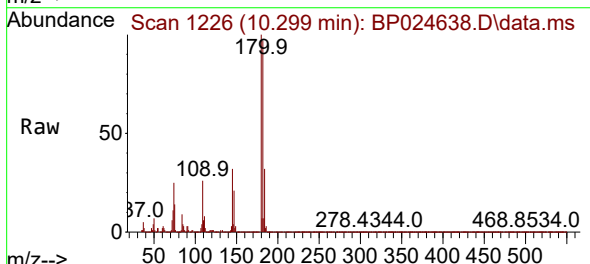
Tgt Ion:180 Resp: 474967

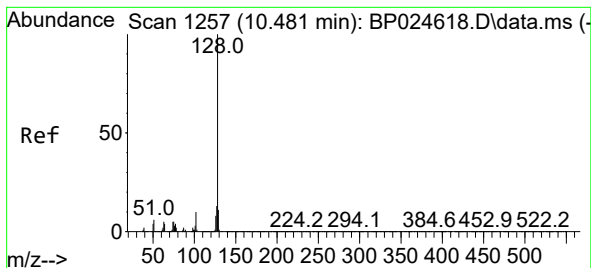
Ion Ratio Lower Upper

180 100

182 97.1 79.0 118.4

145 32.1 26.6 39.8





#31

Naphthalene

Concen: 44.704 ng

RT: 10.481 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

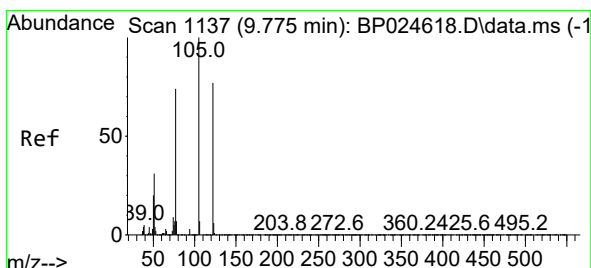
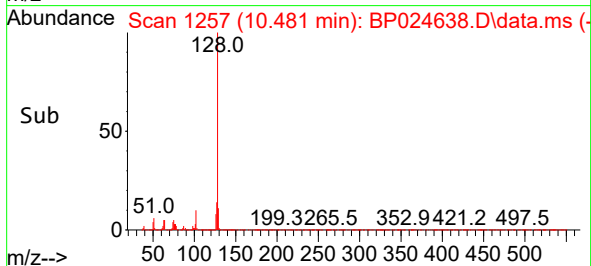
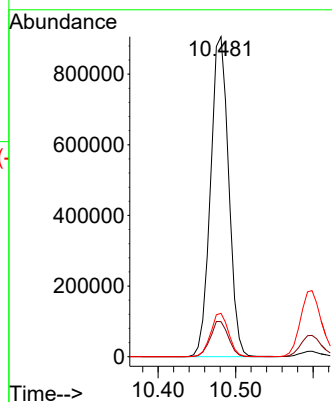
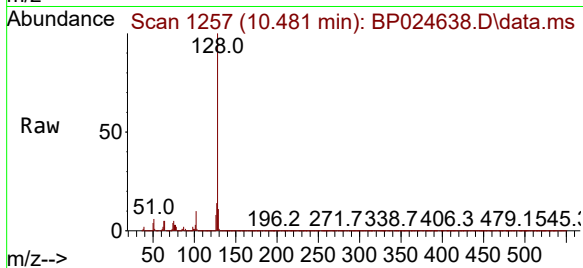
Tgt Ion:128 Resp: 1469571

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 50.212 ng

RT: 9.793 min Scan# 1140

Delta R.T. 0.018 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

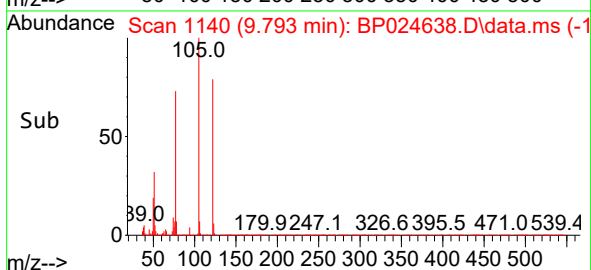
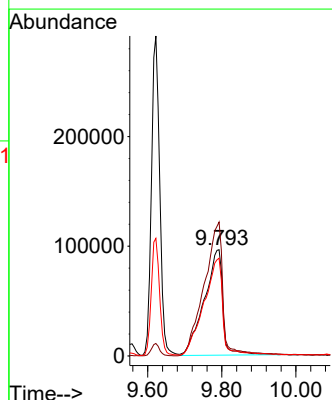
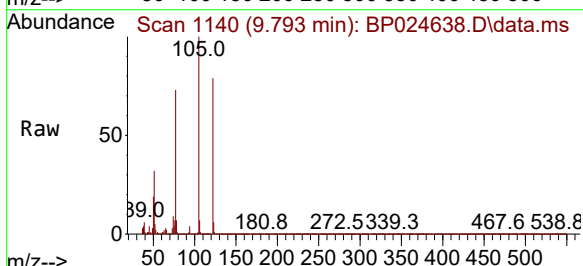
Tgt Ion:122 Resp: 336377

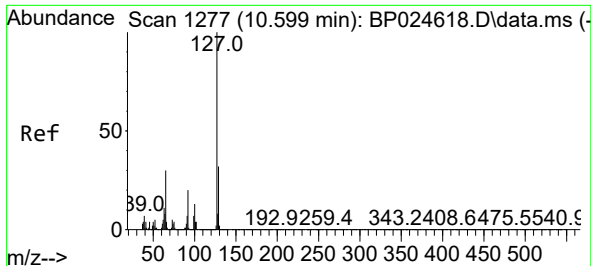
Ion Ratio Lower Upper

122 100

105 126.0 106.9 146.9

77 91.9 75.1 115.1

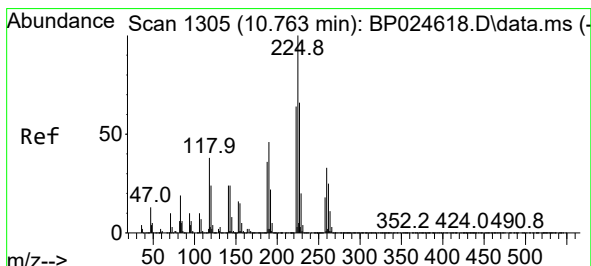
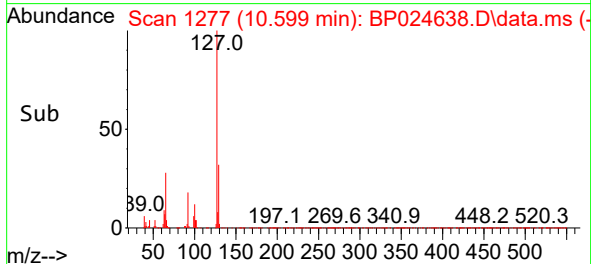
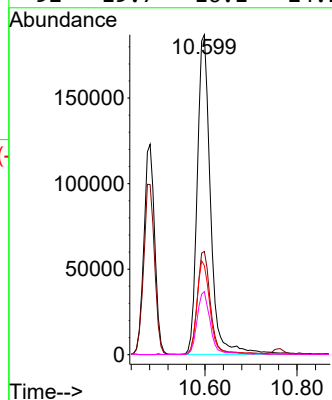
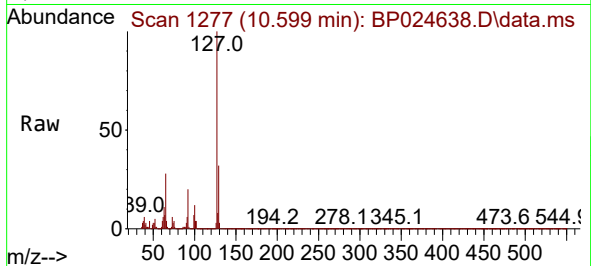




#33
4-Chloroaniline
Concen: 28.179 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

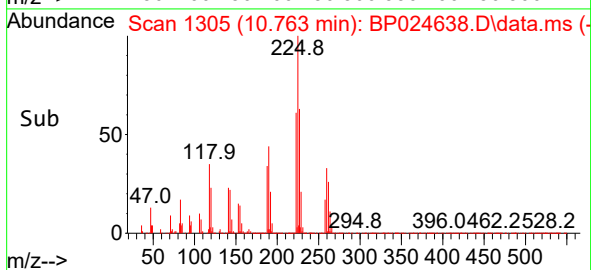
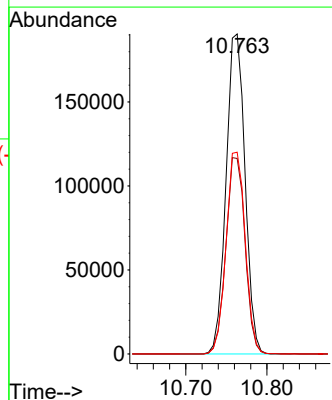
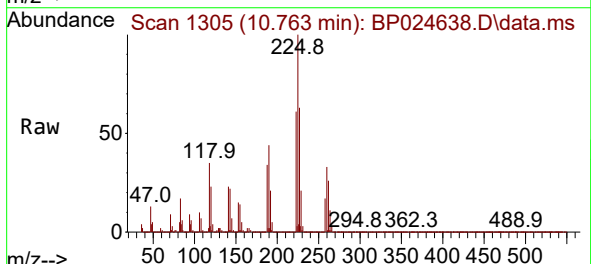
Instrument :
BNA_P
ClientSampleId :
TP-13MS

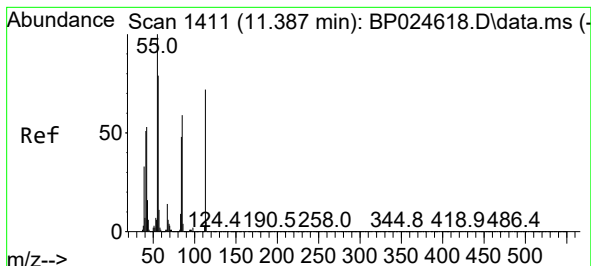
Tgt Ion:	127	Resp:	373803
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	27.9	23.9	35.9
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.778 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:	225	Resp:	309121
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	63.0	53.1	79.7





#35

Caprolactam

Concen: 47.096 ng

RT: 11.387 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

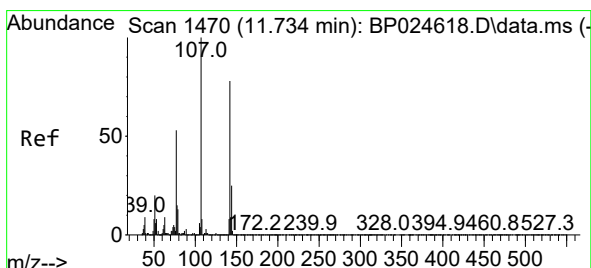
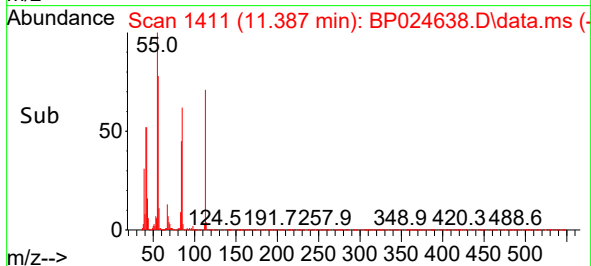
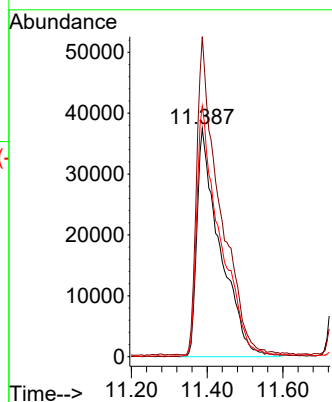
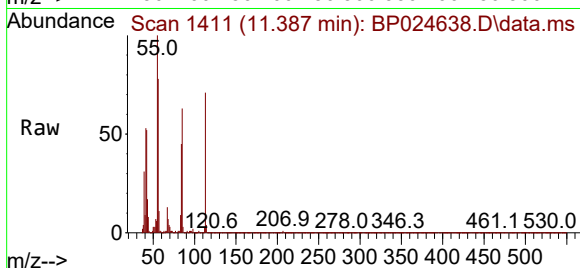
Tgt Ion:113 Resp: 157614

Ion Ratio Lower Upper

113 100

55 140.3 119.0 159.0

56 109.9 90.3 130.3



#36

4-Chloro-3-methylphenol

Concen: 45.762 ng

RT: 11.734 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

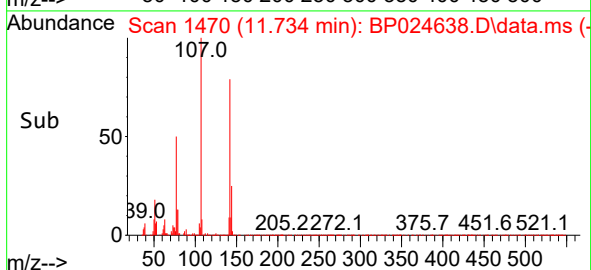
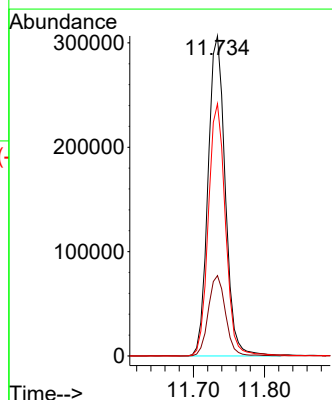
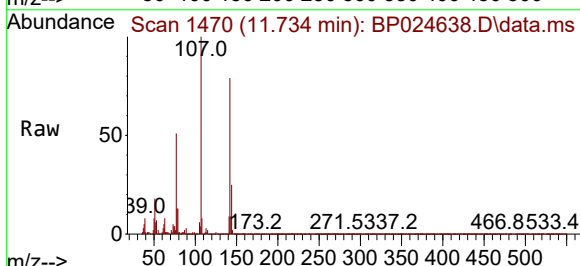
Tgt Ion:107 Resp: 516210

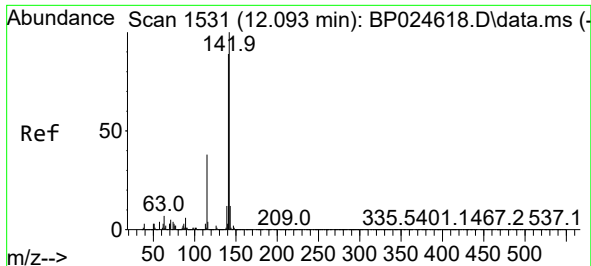
Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

142 78.8 62.1 93.1

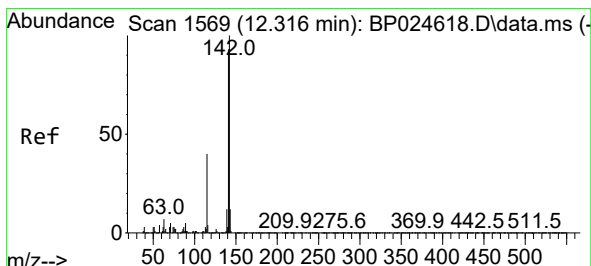
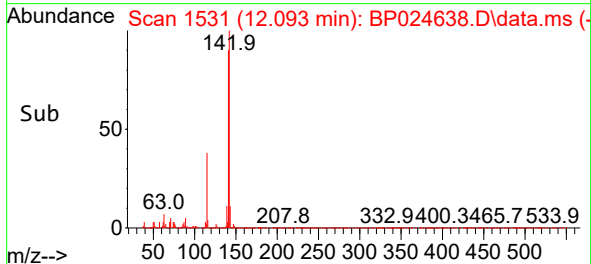
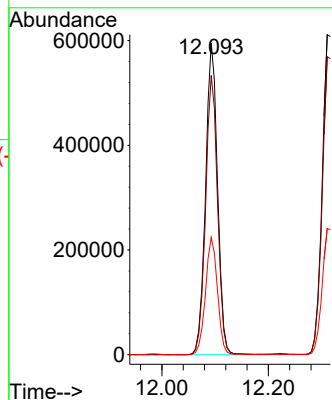
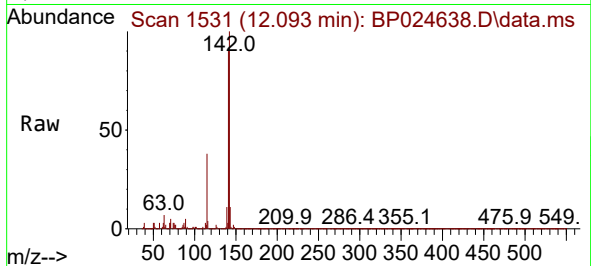




#37
2-Methylnaphthalene
Concen: 43.540 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

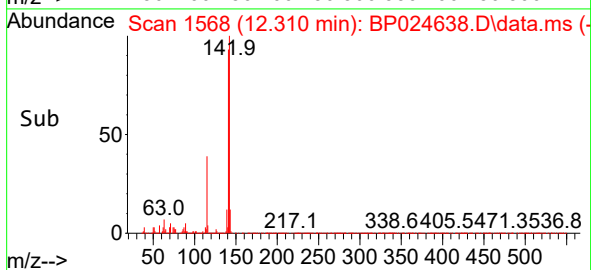
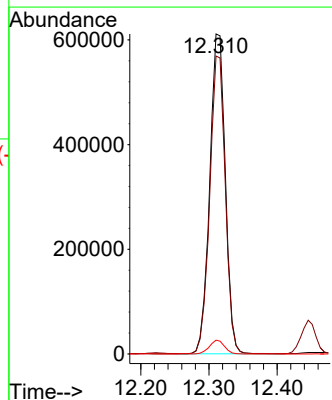
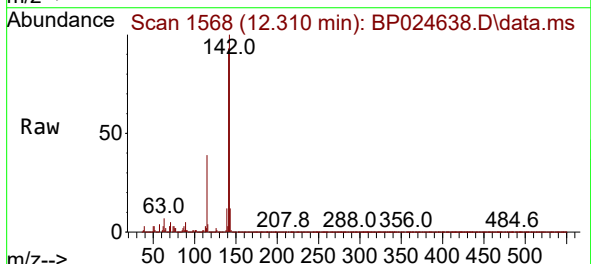
Instrument :
BNA_P
ClientSampleId :
TP-13MS

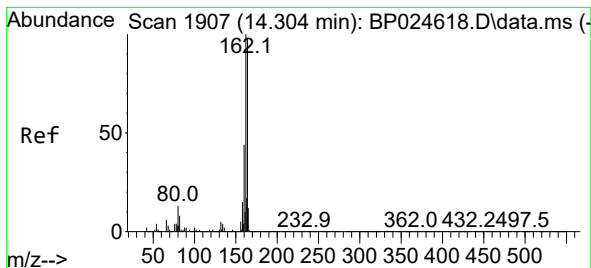
Tgt Ion:142 Resp: 926779
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 37.6 30.6 46.0



#38
1-Methylnaphthalene
Concen: 42.714 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:142 Resp: 972826
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.298 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

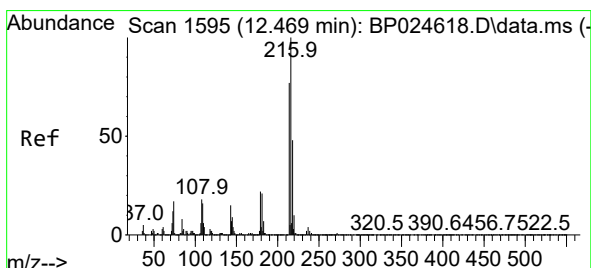
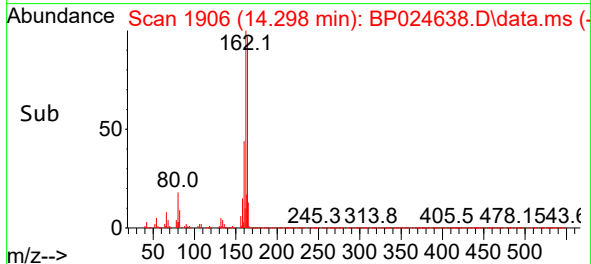
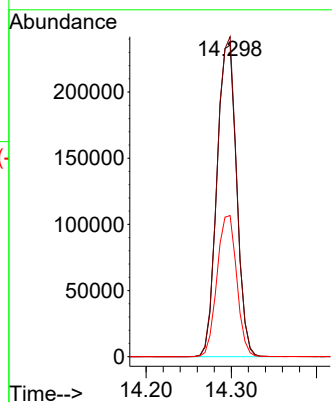
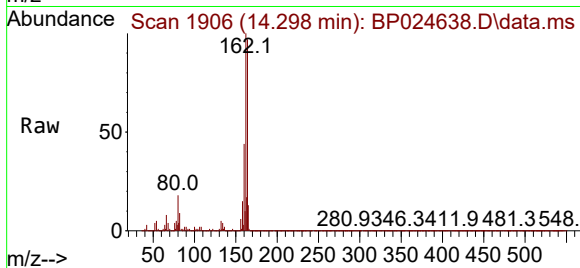
Tgt Ion:164 Resp: 378565

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

160 45.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.751 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Tgt Ion:216 Resp: 524927

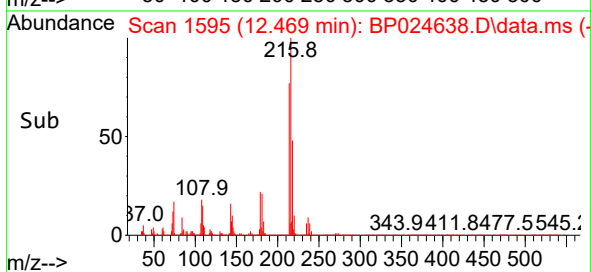
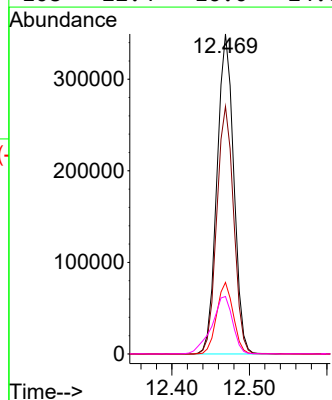
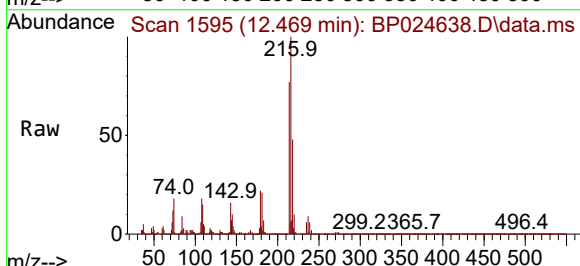
Ion Ratio Lower Upper

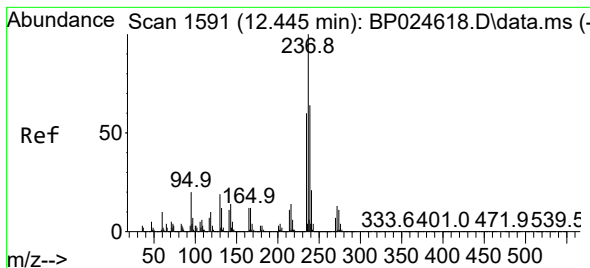
216 100

214 77.9 62.3 93.5

179 22.1 17.7 26.5

108 22.4 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 113.445 ng

RT: 12.446 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

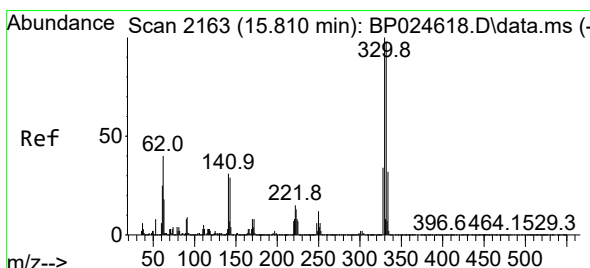
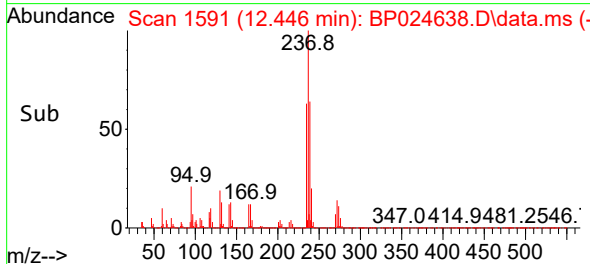
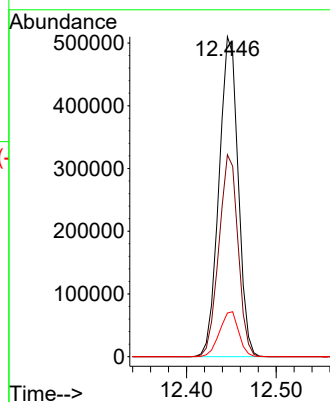
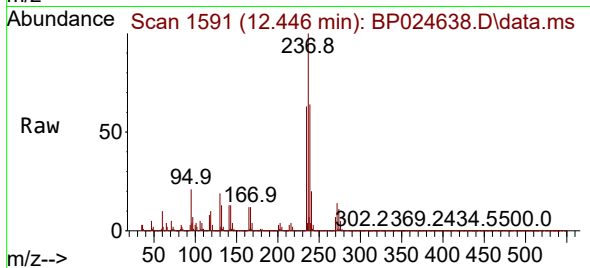
Tgt Ion:237 Resp: 756205

Ion Ratio Lower Upper

237 100

235 63.1 39.9 79.9

272 13.7 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 87.674 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

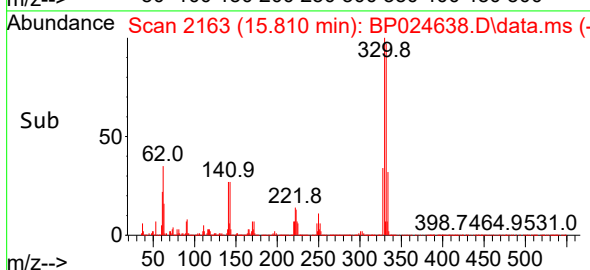
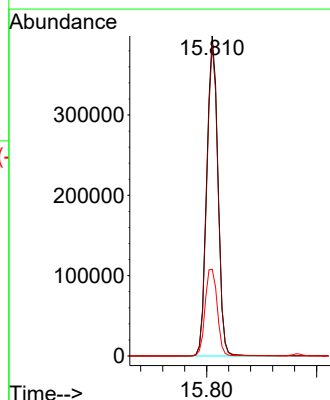
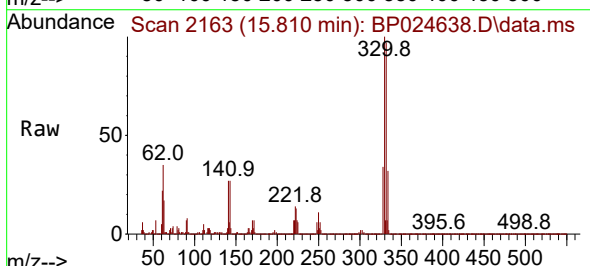
Tgt Ion:330 Resp: 562674

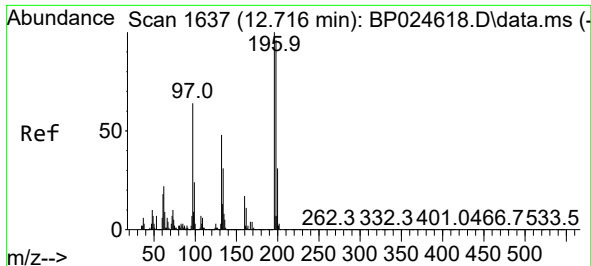
Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.4

141 29.3 24.3 36.5

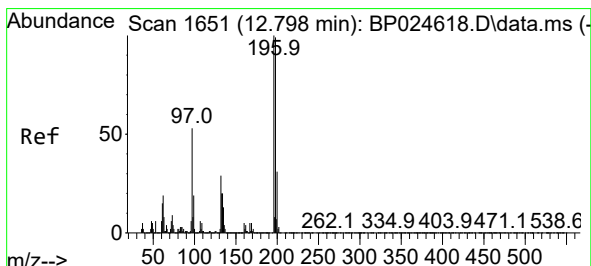
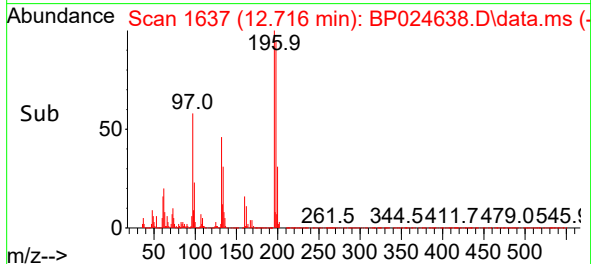
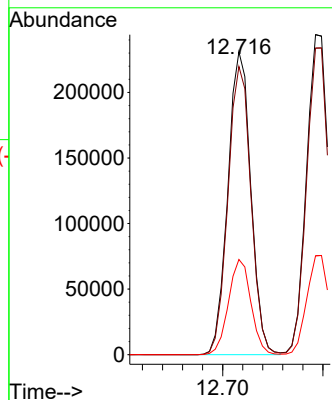
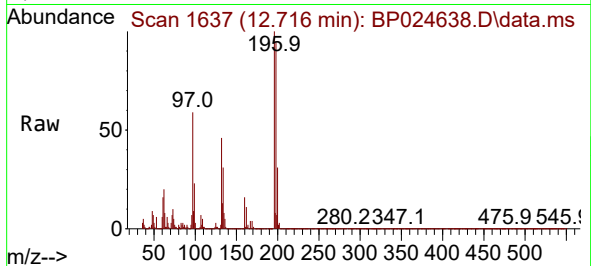




#43
2,4,6-Trichlorophenol
Concen: 51.731 ng
RT: 12.716 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

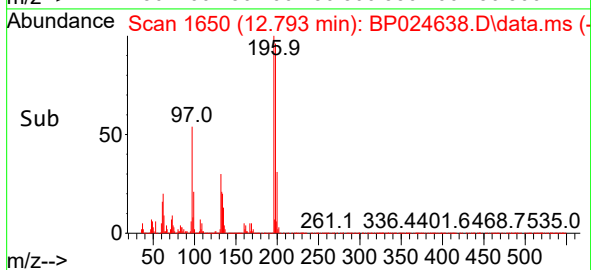
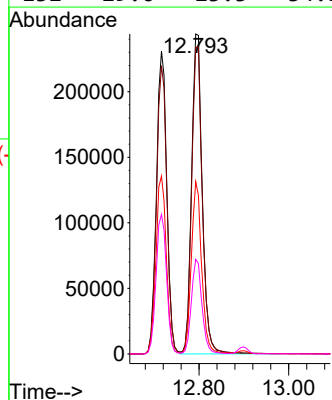
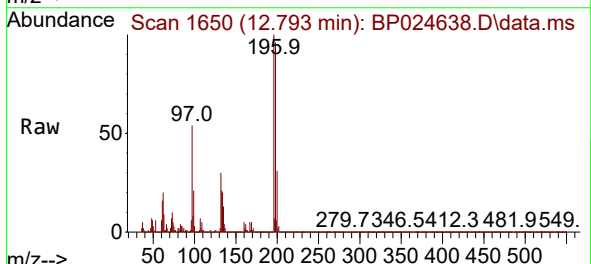
Instrument :
BNA_P
ClientSampleId :
TP-13MS

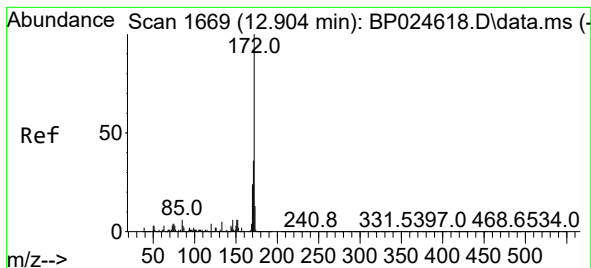
Tgt Ion:196 Resp: 368341
Ion Ratio Lower Upper
196 100
198 95.1 76.9 115.3
200 31.4 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 50.893 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:196 Resp: 403367
Ion Ratio Lower Upper
196 100
198 95.8 79.2 118.8
97 53.9 42.3 63.5
132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 50.874 ng

RT: 12.899 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

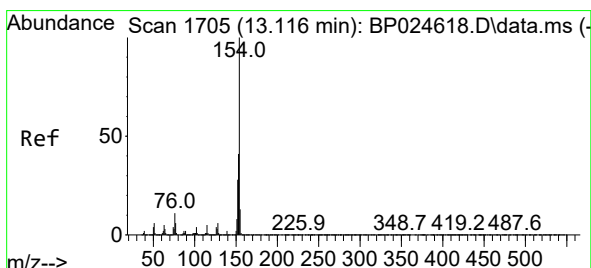
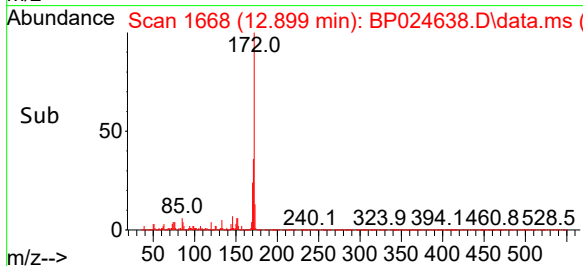
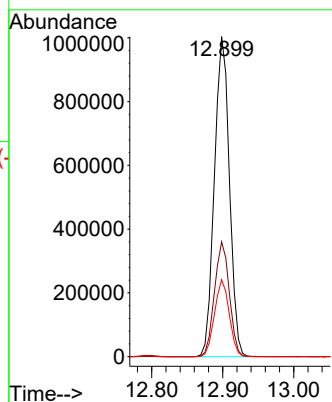
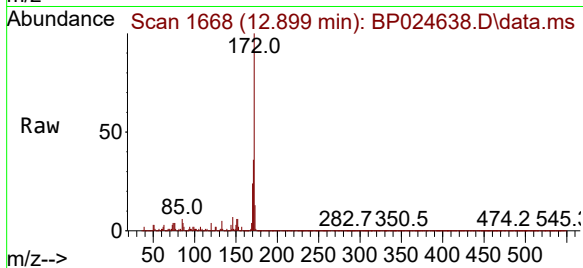
Tgt Ion:172 Resp: 1470035

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.0 18.8 28.2



#46

1,1'-Biphenyl

Concen: 46.530 ng

RT: 13.116 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

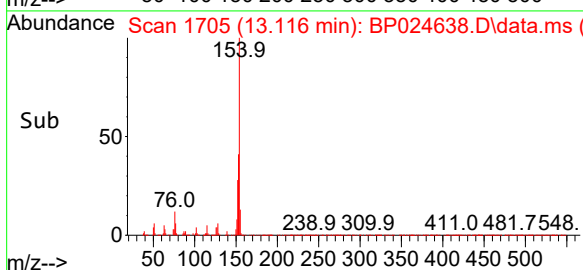
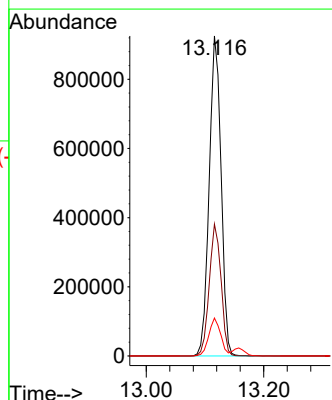
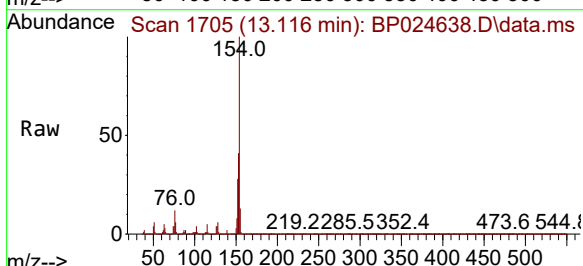
Tgt Ion:154 Resp: 1301925

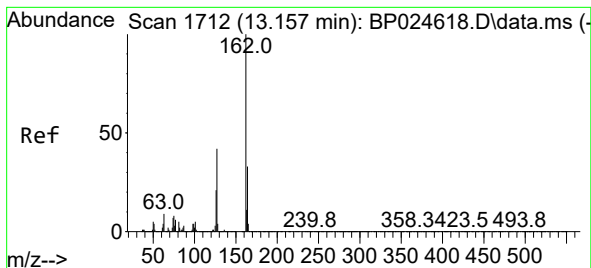
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 11.8 0.0 31.5

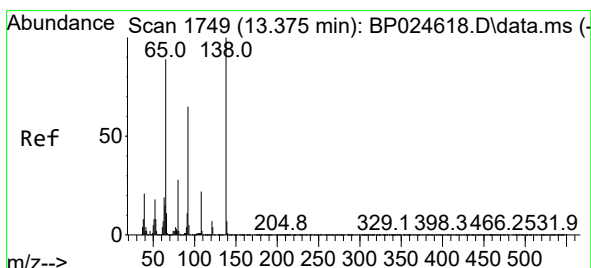
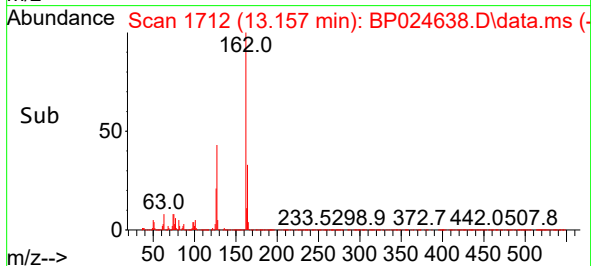
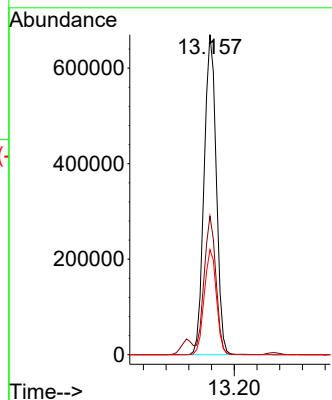
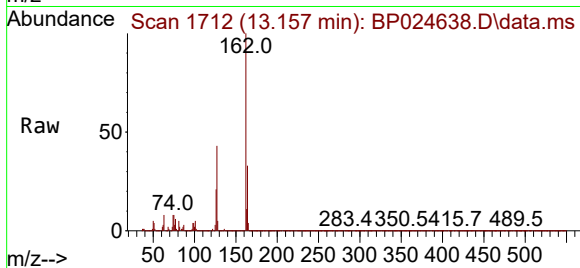




#47
2-Chloronaphthalene
Concen: 46.545 ng
RT: 13.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

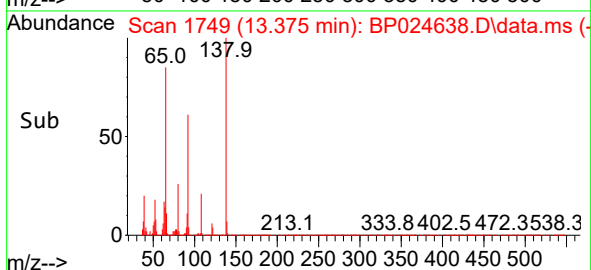
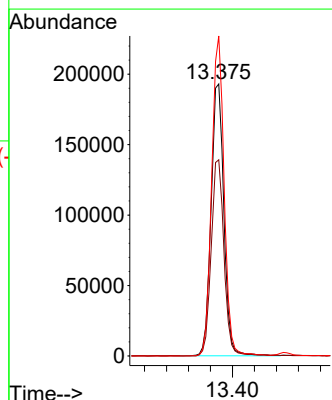
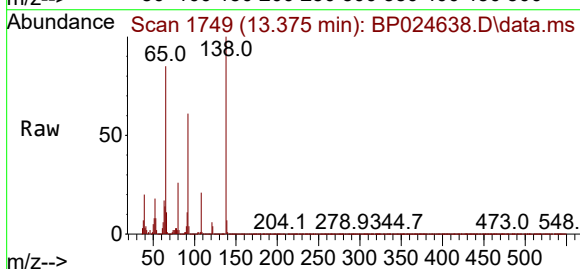
Instrument :
BNA_P
ClientSampleId :
TP-13MS

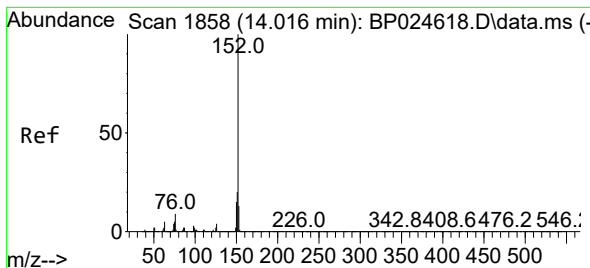
Tgt Ion:162 Resp: 993000
Ion Ratio Lower Upper
162 100
127 43.3 33.8 50.6
164 32.8 26.0 39.0



#48
2-Nitroaniline
Concen: 49.362 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 65 Resp: 311778
Ion Ratio Lower Upper
65 100
92 72.1 58.7 88.1
138 117.7 90.2 135.2





#49

Acenaphthylene

Concen: 45.458 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

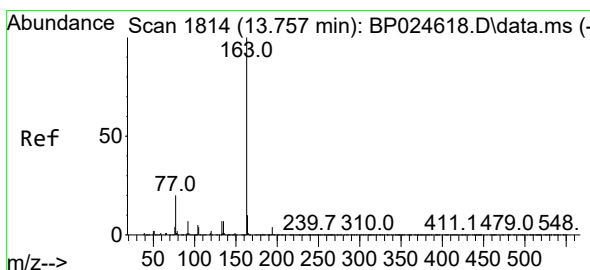
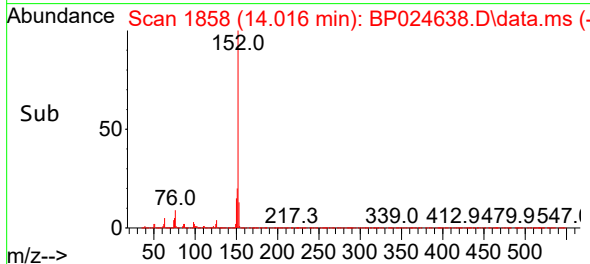
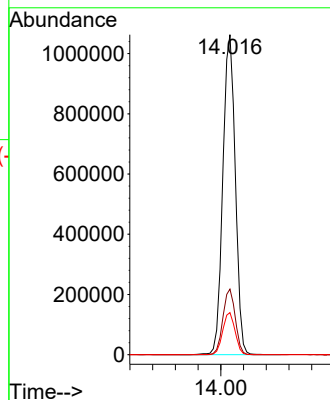
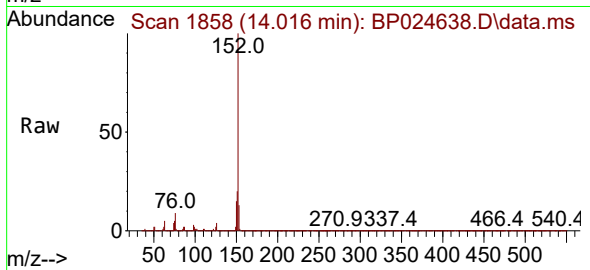
Tgt Ion:152 Resp: 1622957

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 44.935 ng

RT: 13.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

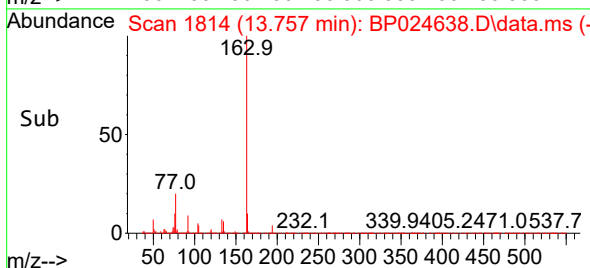
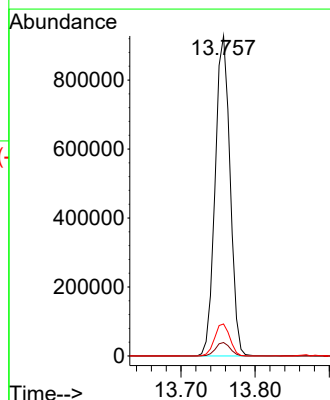
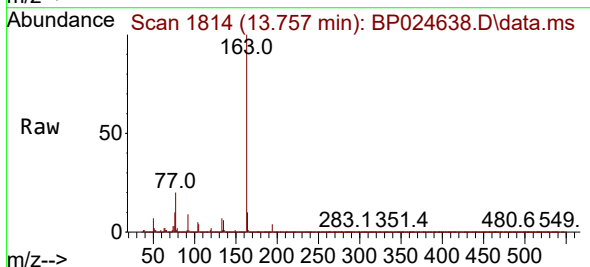
Tgt Ion:163 Resp: 1296579

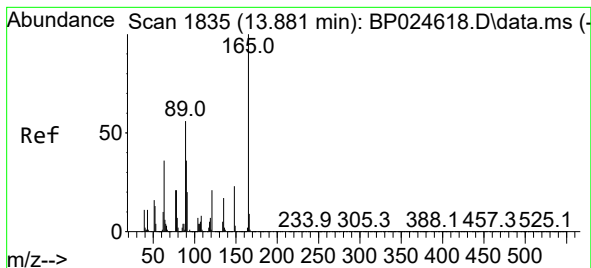
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.1 12.1

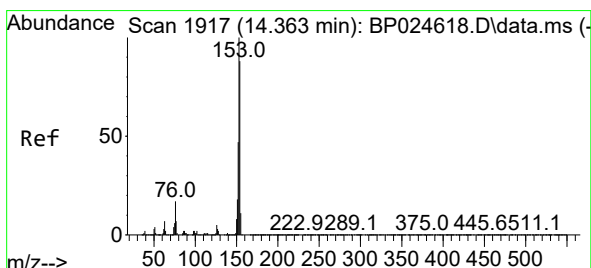
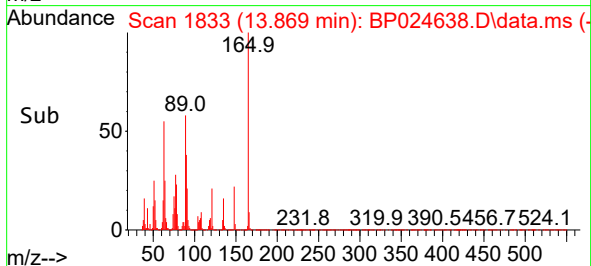
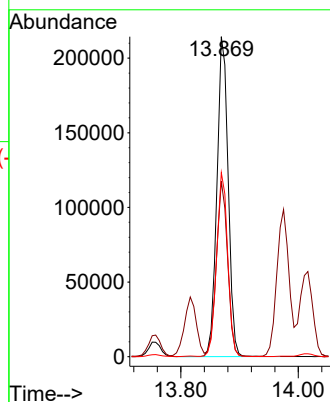
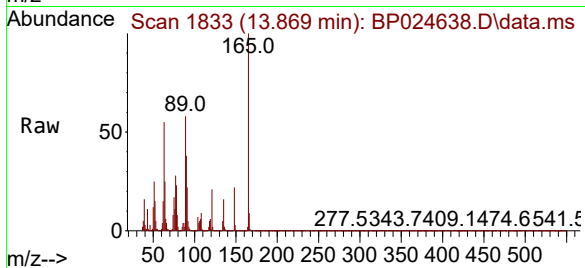




#51
2,6-Dinitrotoluene
Concen: 46.631 ng
RT: 13.869 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

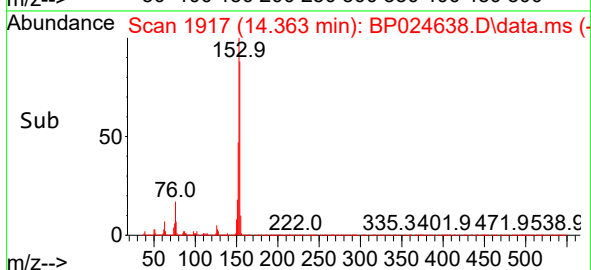
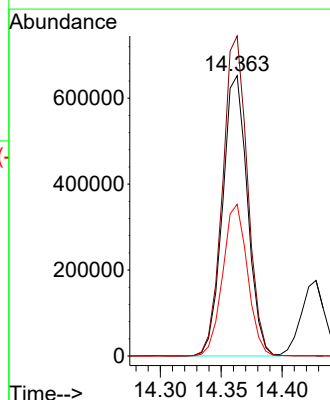
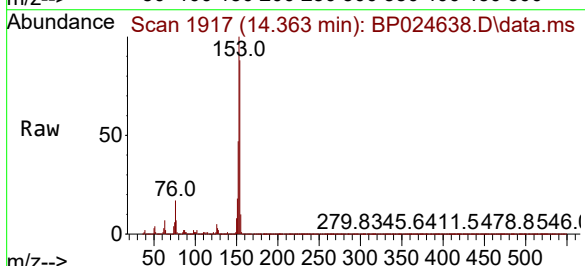
Instrument :
BNA_P
ClientSampleId :
TP-13MS

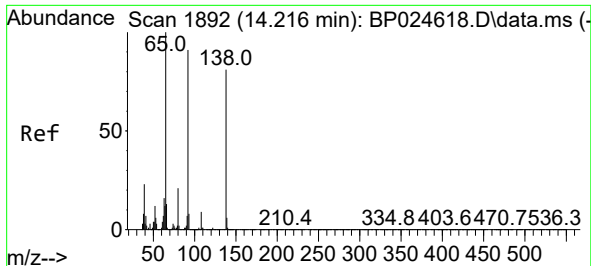
Tgt Ion:165 Resp: 284162
Ion Ratio Lower Upper
165 100
63 54.8 42.4 63.6
89 57.5 44.8 67.2



#52
Acenaphthene
Concen: 45.296 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:154 Resp: 929691
Ion Ratio Lower Upper
154 100
153 114.2 91.0 136.4
152 54.1 42.9 64.3

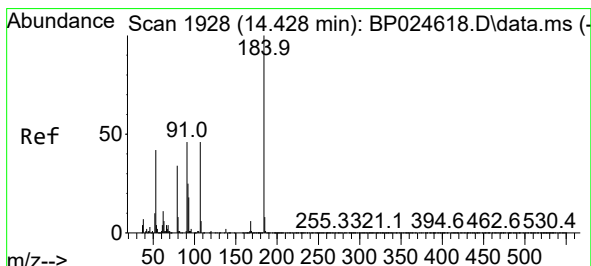
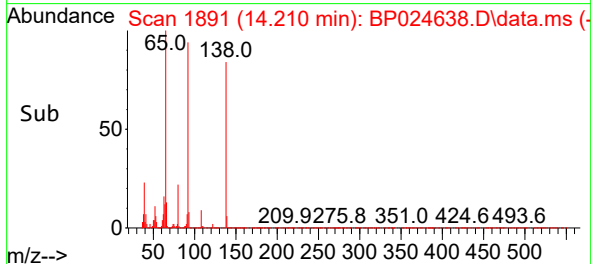
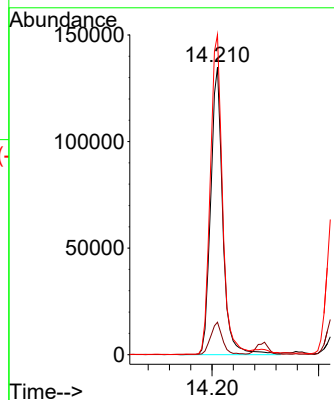
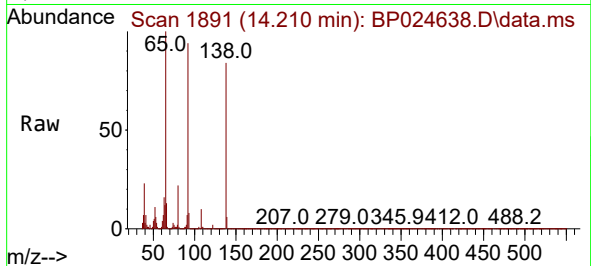




#53
3-Nitroaniline
Concen: 34.141 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

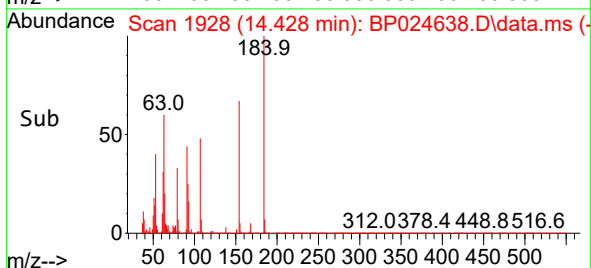
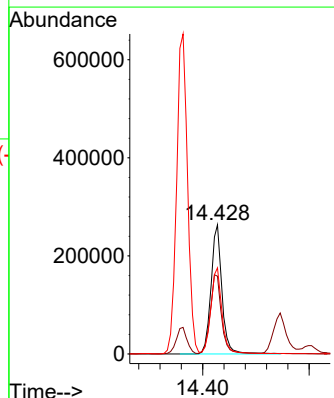
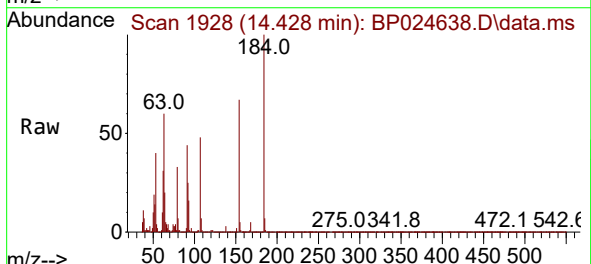
Instrument :
BNA_P
ClientSampleId :
TP-13MS

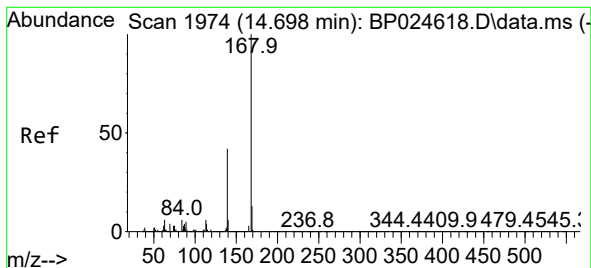
Tgt Ion:138 Resp: 212436
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 111.3 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 96.168 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:184 Resp: 374950
Ion Ratio Lower Upper
184 100
63 60.2 51.3 76.9
154 66.7 53.5 80.3





#55

Dibenzofuran

Concen: 45.559 ng

RT: 14.704 min Scan# 1974

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

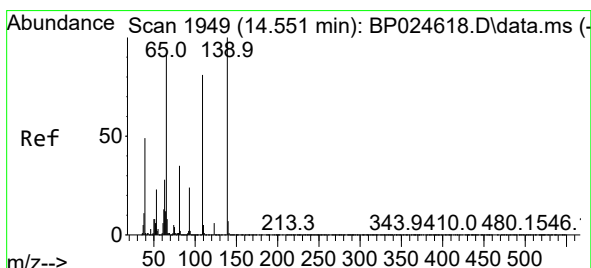
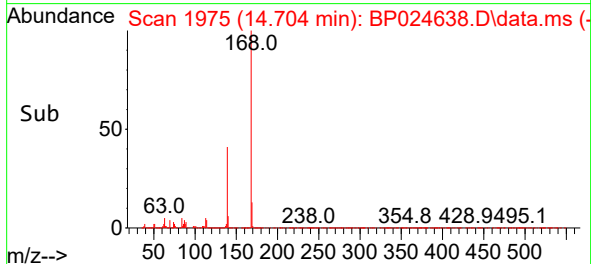
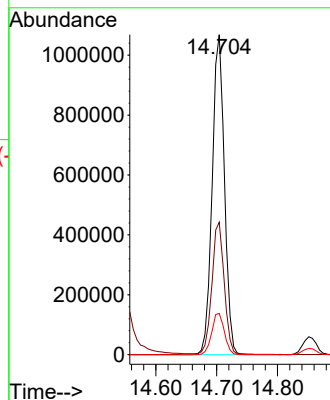
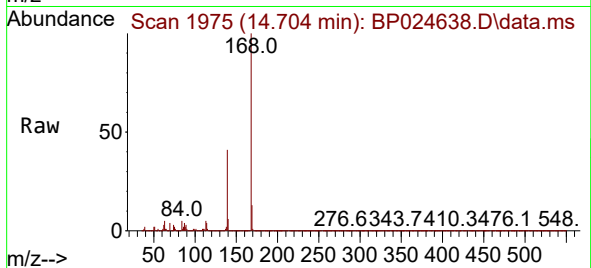
Tgt Ion:168 Resp: 1491506

Ion Ratio Lower Upper

168 100

139 41.4 34.2 51.4

169 12.9 10.8 16.2



#56

4-Nitrophenol

Concen: 97.134 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

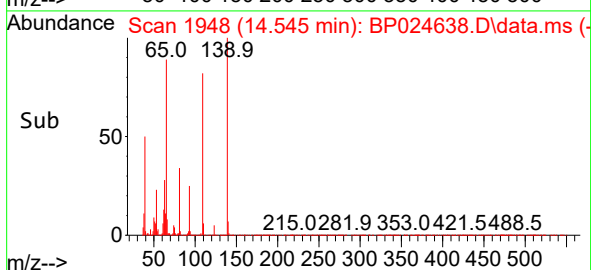
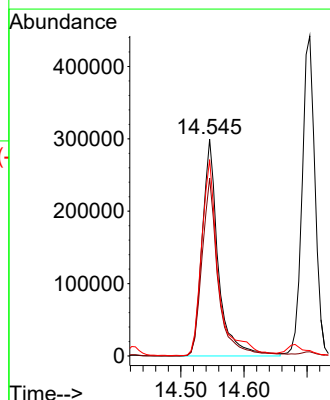
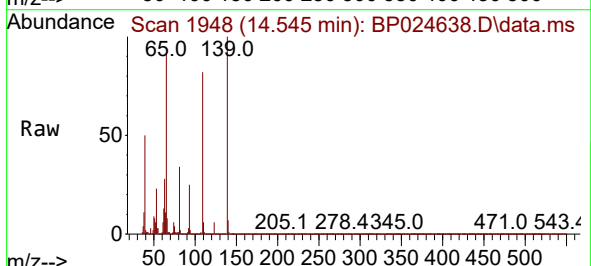
Tgt Ion:139 Resp: 528415

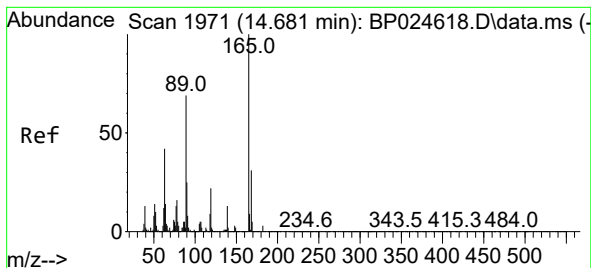
Ion Ratio Lower Upper

139 100

109 82.0 61.4 101.4

65 90.6 72.2 112.2

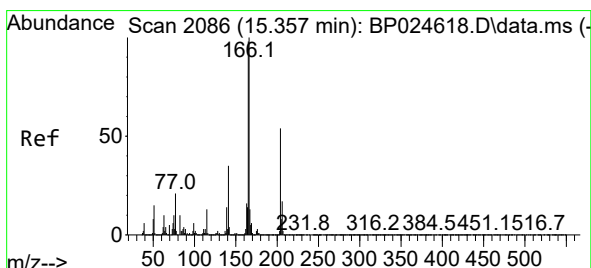
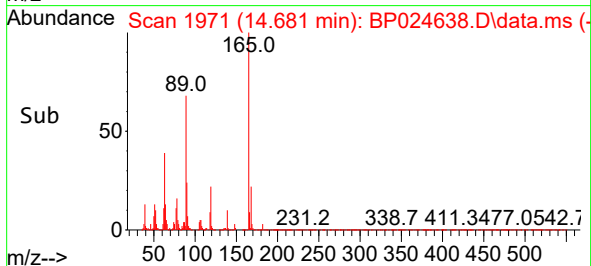
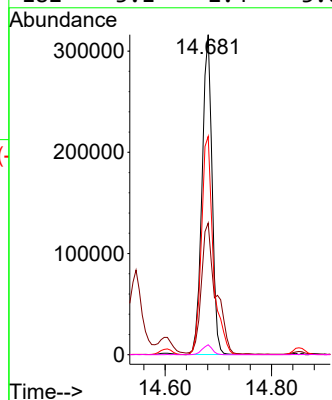
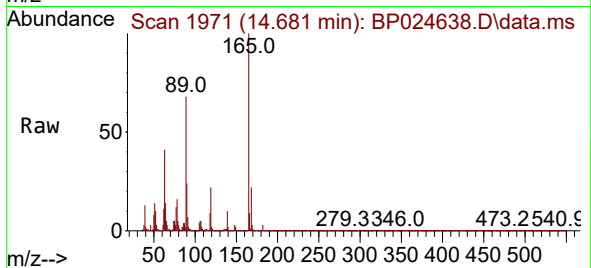




#57
2,4-Dinitrotoluene
Concen: 47.851 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

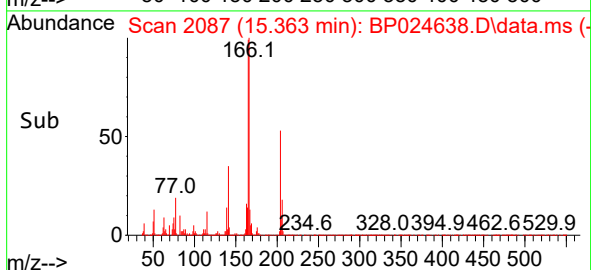
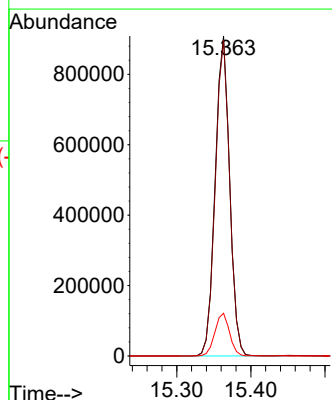
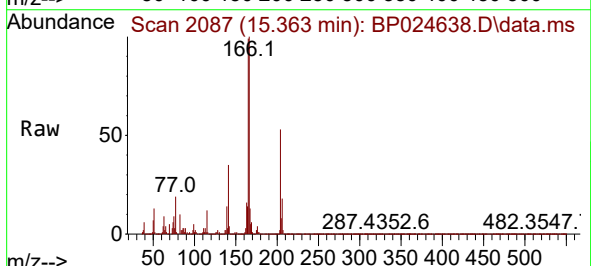
Instrument :
BNA_P
ClientSampleId :
TP-13MS

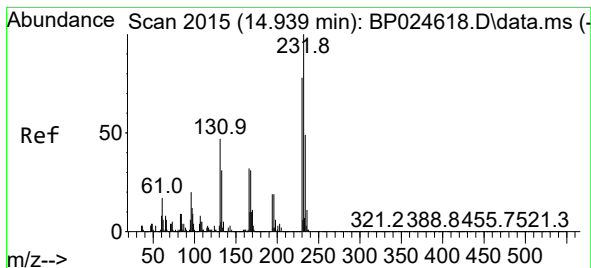
Tgt Ion:165 Resp: 411100
Ion Ratio Lower Upper
165 100
63 41.2 33.8 50.6
89 68.2 55.6 83.4
182 3.1 2.4 3.6



#58
Fluorene
Concen: 46.080 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:166 Resp: 1230074
Ion Ratio Lower Upper
166 100
165 98.7 78.5 117.7
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.714 ng

RT: 14.940 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

Tgt Ion:232 Resp: 358164

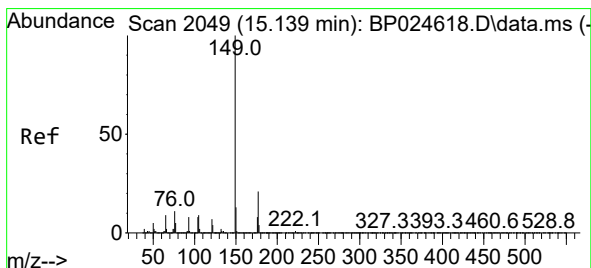
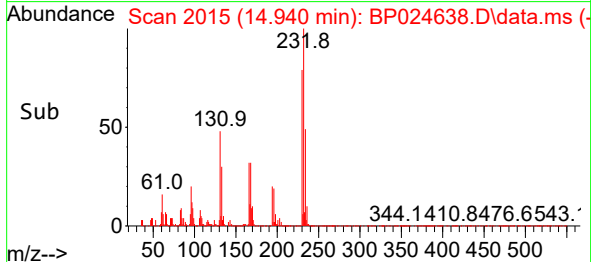
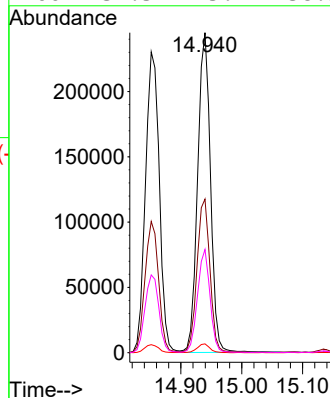
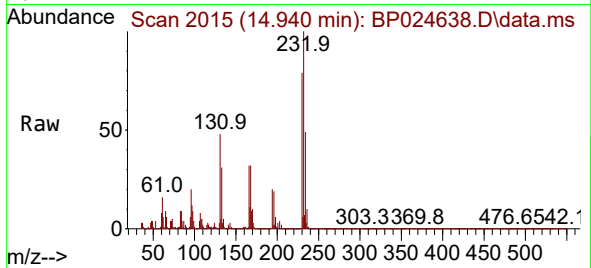
Ion Ratio Lower Upper

232 100

131 48.3 39.5 59.3

130 2.7 2.2 3.4

166 31.5 25.7 38.5



#60

Diethylphthalate

Concen: 45.598 ng

RT: 15.134 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

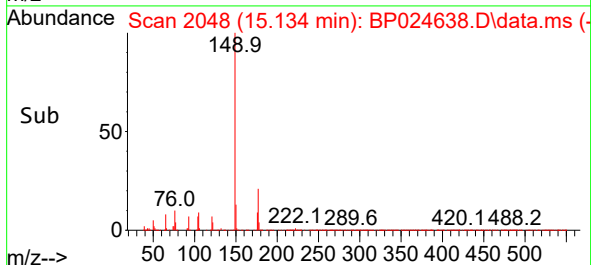
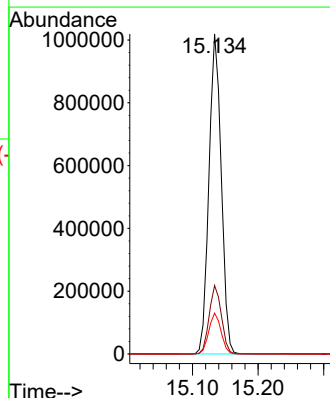
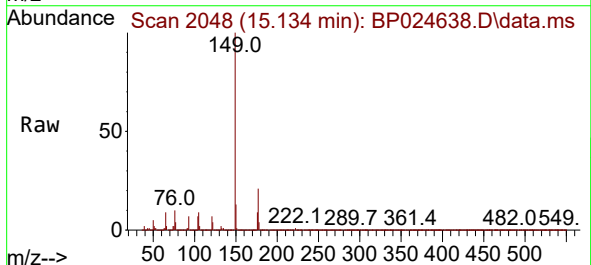
Tgt Ion:149 Resp: 1329786

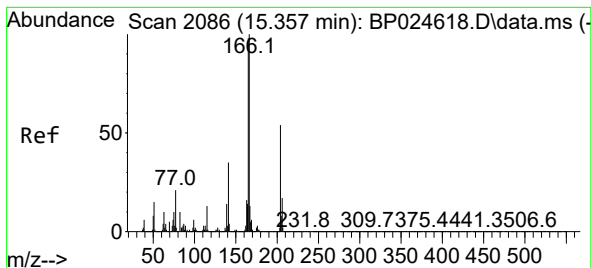
Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

150 12.8 10.2 15.2

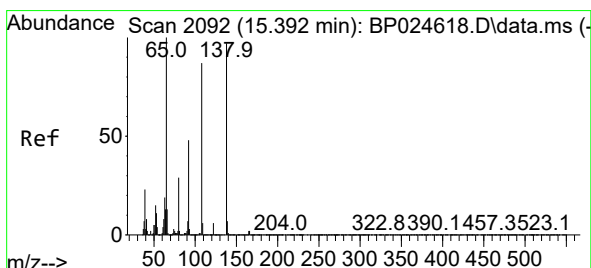
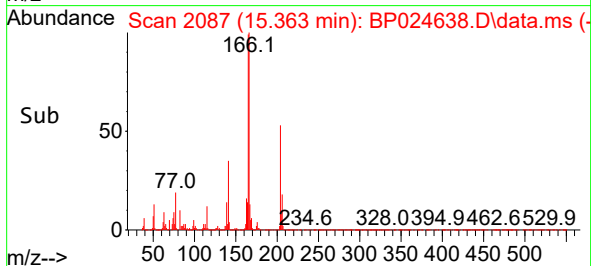
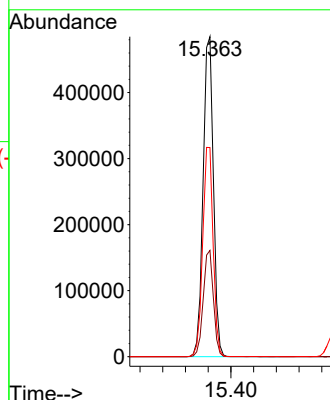
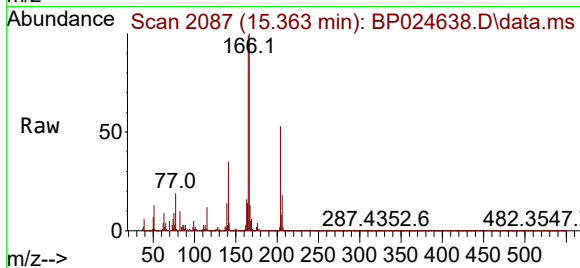




#61
4-Chlorophenyl-phenylether
Concen: 45.689 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

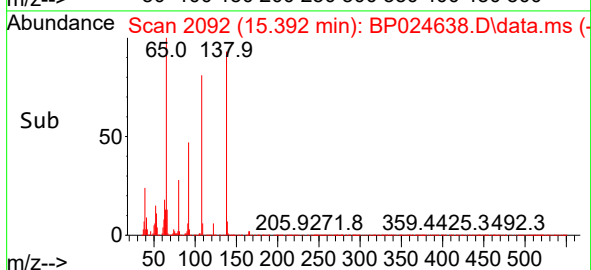
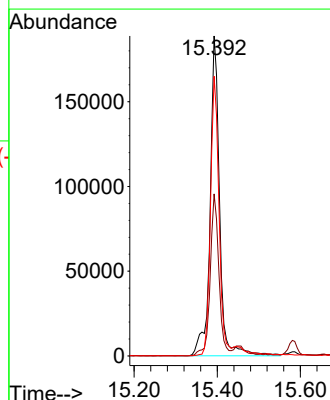
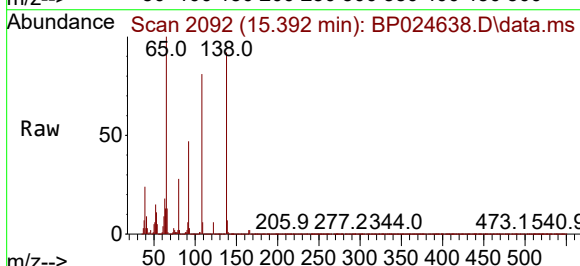
Instrument :
BNA_P
ClientSampleId :
TP-13MS

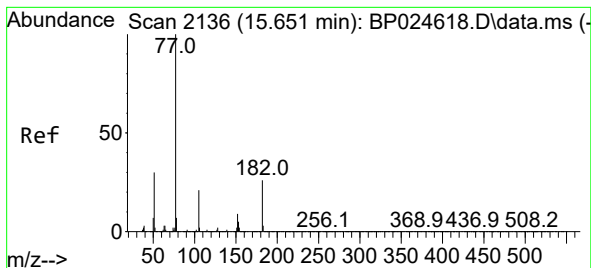
Tgt Ion:204 Resp: 608237
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 65.3 52.9 79.3



#62
4-Nitroaniline
Concen: 50.169 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:138 Resp: 301420
Ion Ratio Lower Upper
138 100
92 50.7 29.2 69.2
108 87.4 69.0 109.0





#63

Azobenzene

Concen: 50.138 ng

RT: 15.657 min Scan# 2136

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

Tgt Ion: 77 Resp: 1250868

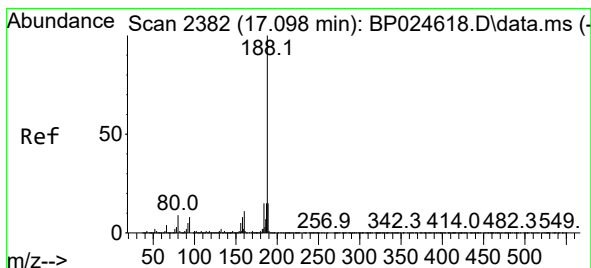
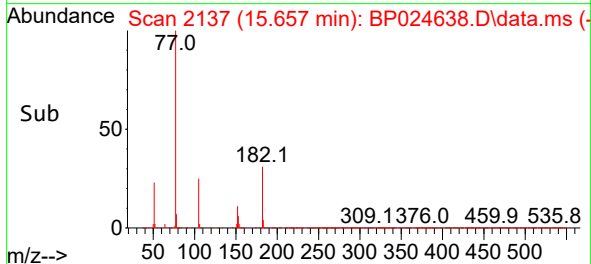
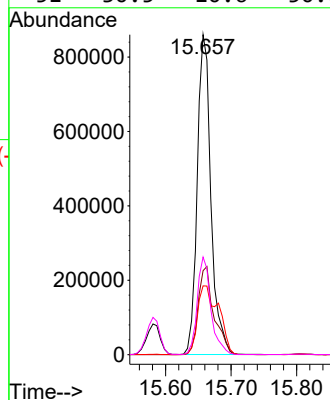
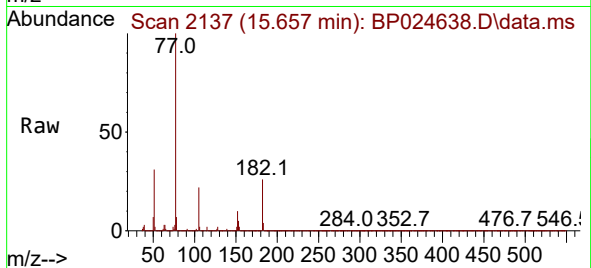
Ion Ratio Lower Upper

77 100

182 26.3 5.7 45.7

105 21.5 1.3 41.3

51 30.5 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 2382

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

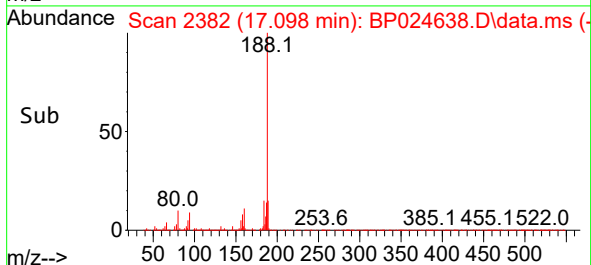
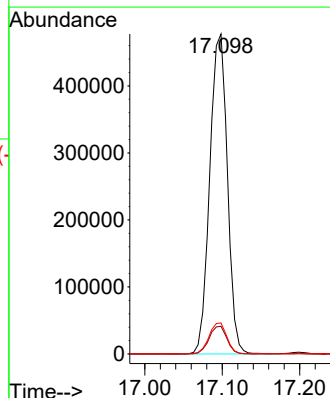
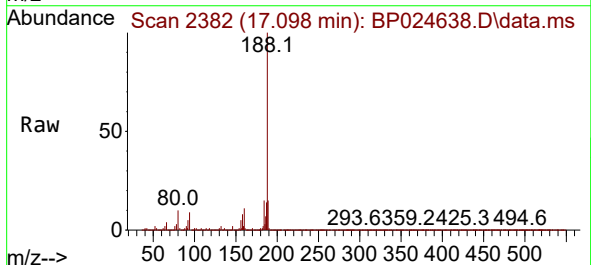
Tgt Ion:188 Resp: 753325

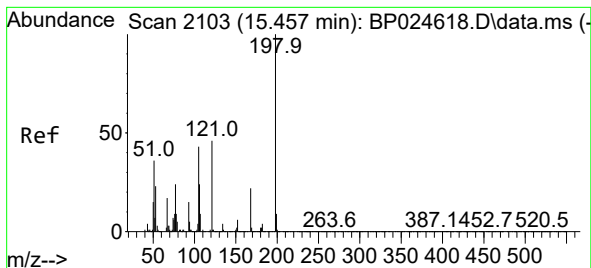
Ion Ratio Lower Upper

188 100

94 8.6 6.5 9.7

80 9.7 7.3 10.9

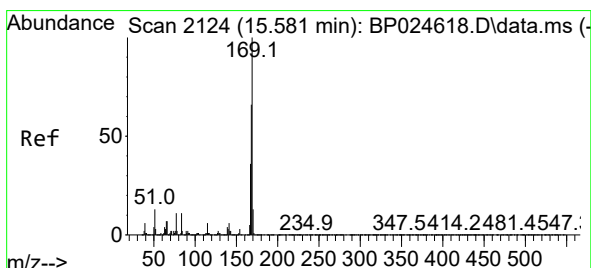
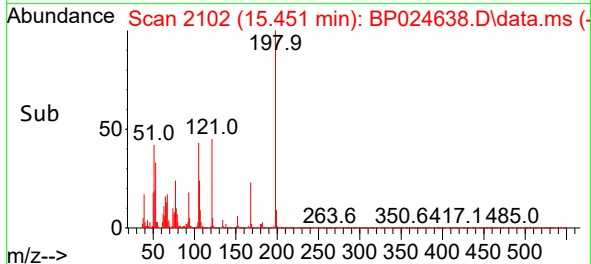
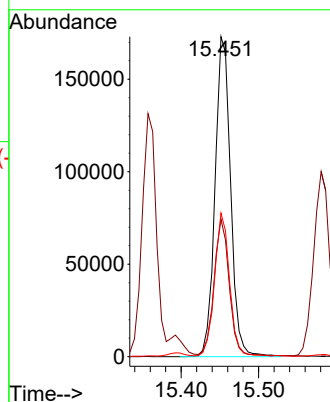
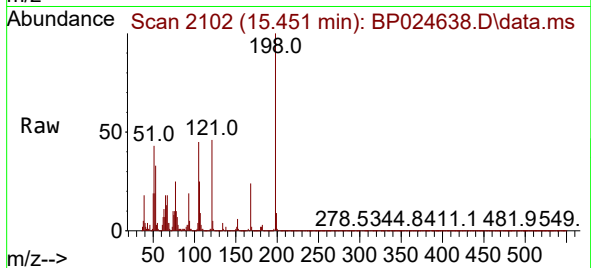




#65
4,6-Dinitro-2-methylphenol
Concen: 49.928 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

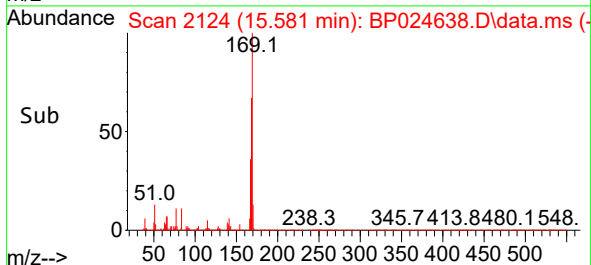
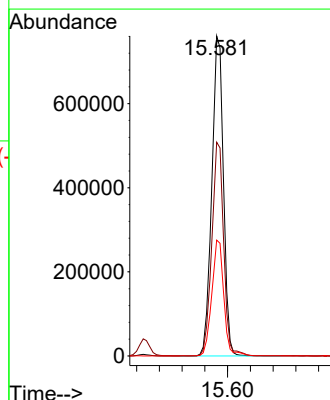
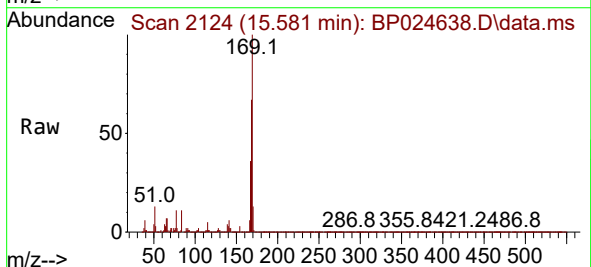
Instrument :
BNA_P
ClientSampleId :
TP-13MS

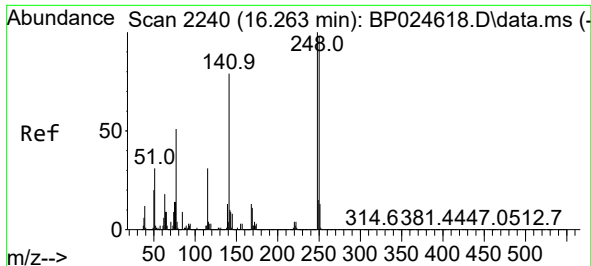
Tgt Ion:198 Resp: 242947
Ion Ratio Lower Upper
198 100
51 42.9 21.1 61.1
105 44.8 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.440 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:169 Resp: 1074572
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.2 28.6 43.0

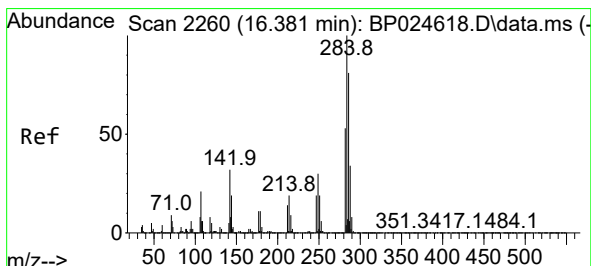
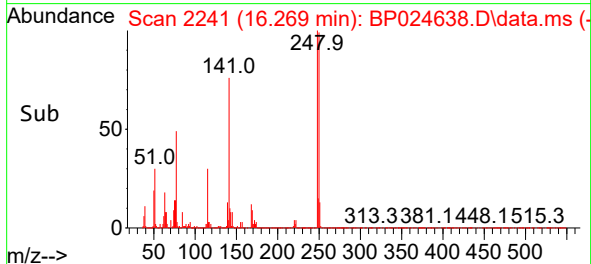
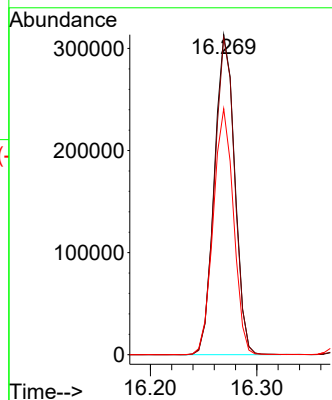
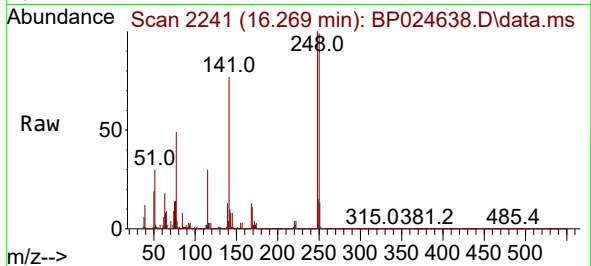




#67
4-Bromophenyl-phenylether
Concen: 46.697 ng
RT: 16.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

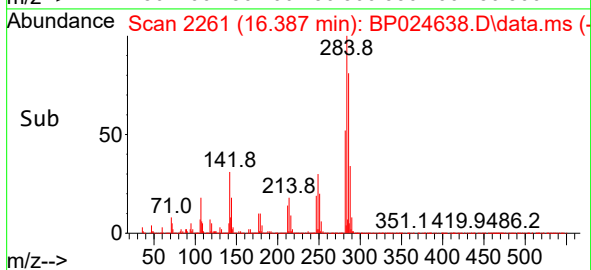
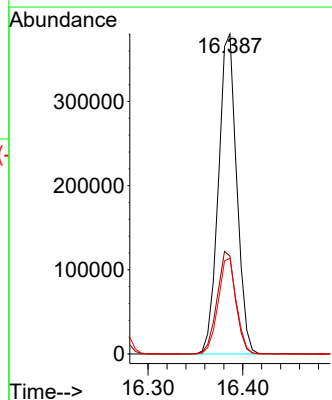
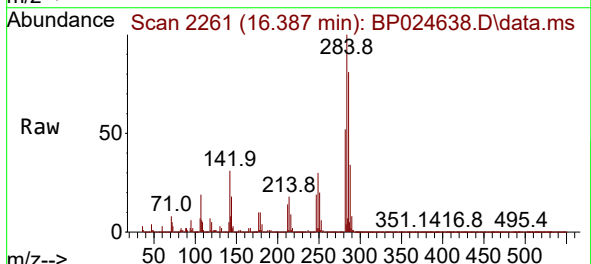
Instrument :
BNA_P
ClientSampleId :
TP-13MS

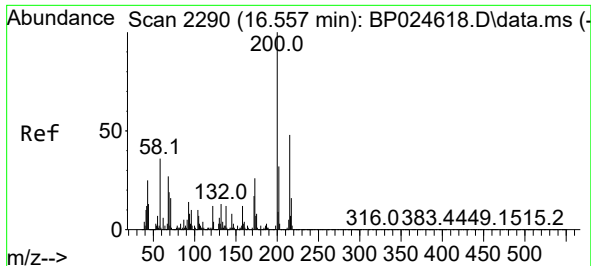
Tgt Ion:248 Resp: 414519
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.4
141 76.8 63.0 94.6



#68
Hexachlorobenzene
Concen: 45.271 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:284 Resp: 510643
Ion Ratio Lower Upper
284 100
142 30.6 25.9 38.9
249 29.9 24.1 36.1

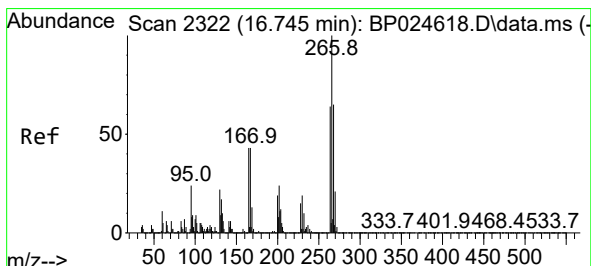
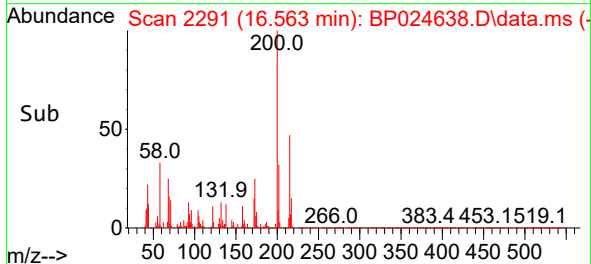
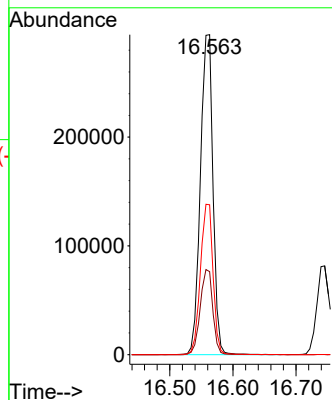
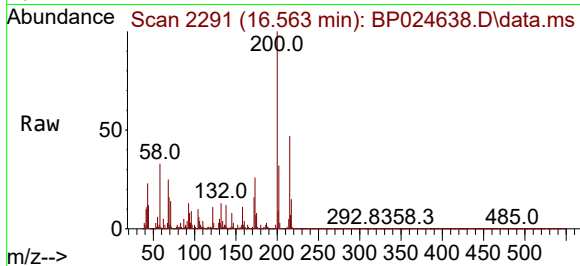




#69
 Atrazine
 Concen: 47.945 ng
 RT: 16.563 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024638.D
 Acq: 15 May 2025 15:18

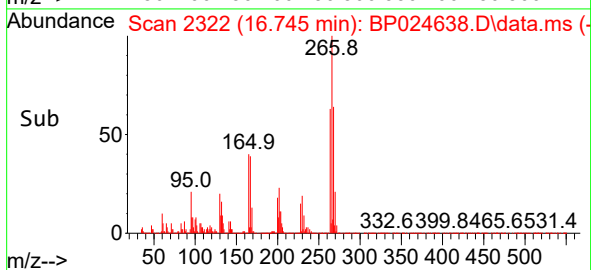
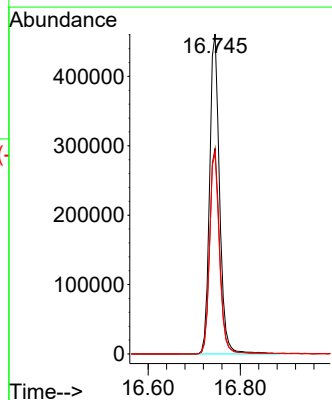
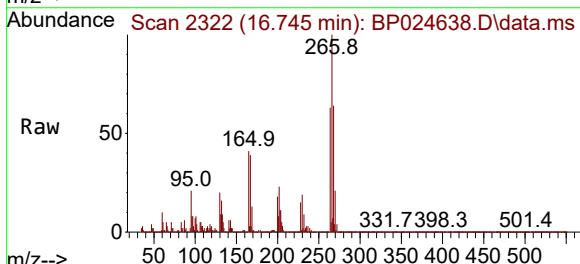
Instrument :
 BNA_P
 ClientSampleId :
 TP-13MS

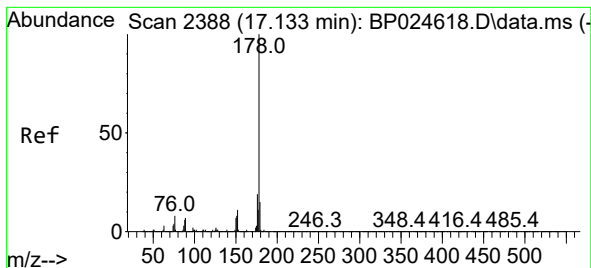
Tgt Ion:200 Resp: 406566
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.9 45.9
 215 46.9 28.3 68.3



#70
 Pentachlorophenol
 Concen: 109.894 ng
 RT: 16.745 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: BP024638.D
 Acq: 15 May 2025 15:18

Tgt Ion:266 Resp: 695823
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.2 78.4
 264 62.7 51.1 76.7





#71

Phenanthrene

Concen: 45.222 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

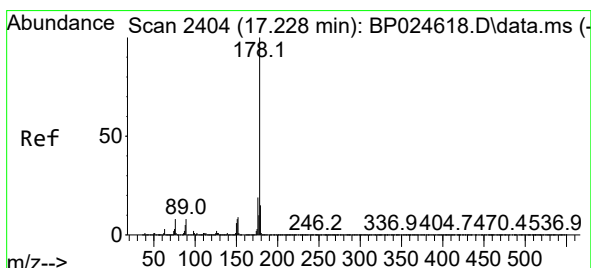
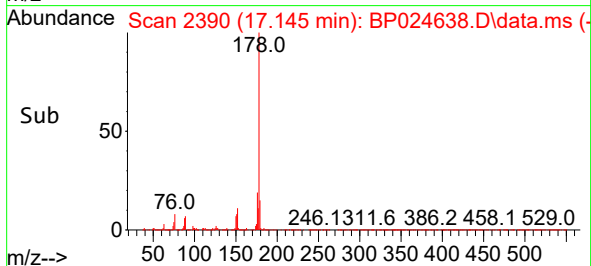
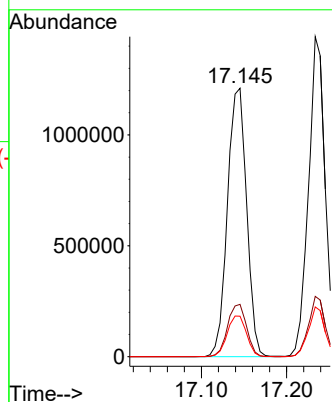
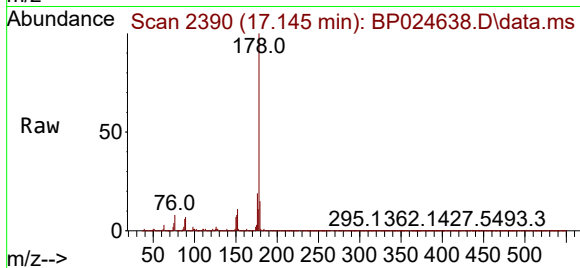
Tgt Ion:178 Resp: 1893808

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.1 12.2 18.4



#72

Anthracene

Concen: 46.792 ng

RT: 17.234 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

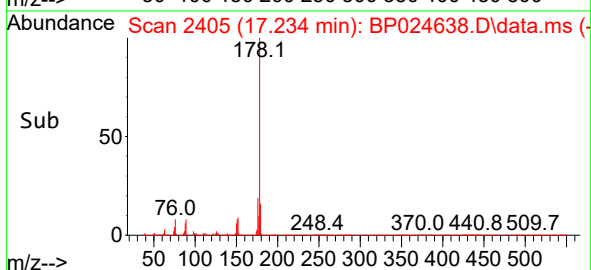
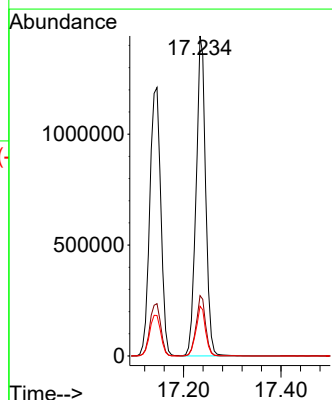
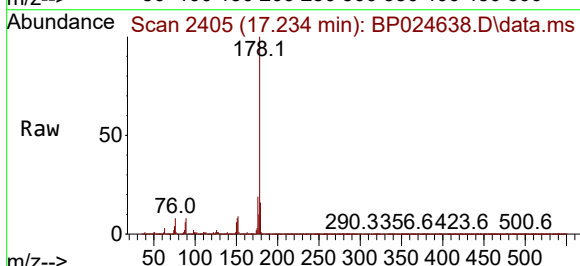
Tgt Ion:178 Resp: 1971542

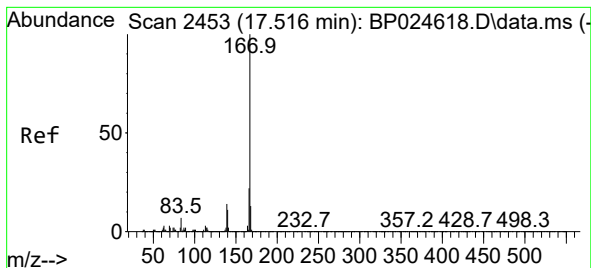
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.6 12.2 18.2





#73

Carbazole

Concen: 48.170 ng

RT: 17.516 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

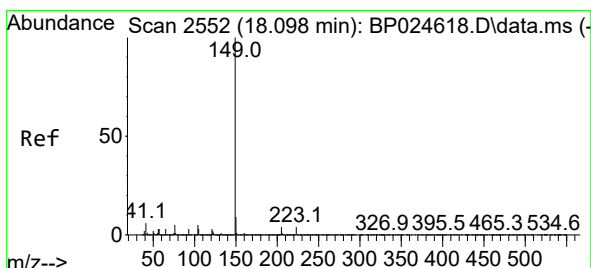
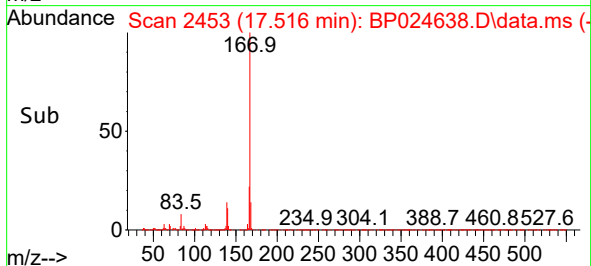
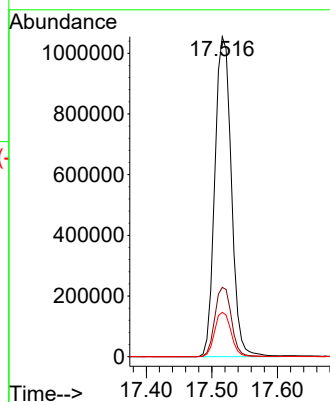
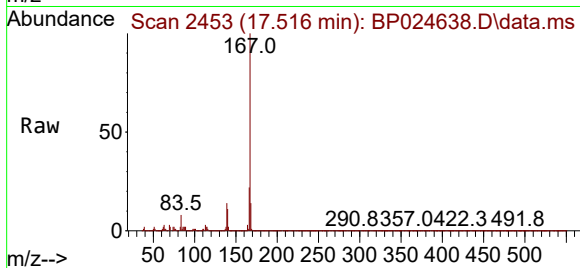
Tgt Ion:167 Resp: 1837012

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

139 13.8 11.3 16.9



#74

Di-n-butylphthalate

Concen: 48.214 ng

RT: 18.098 min Scan# 2552

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

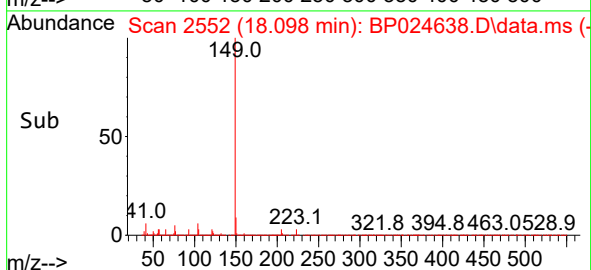
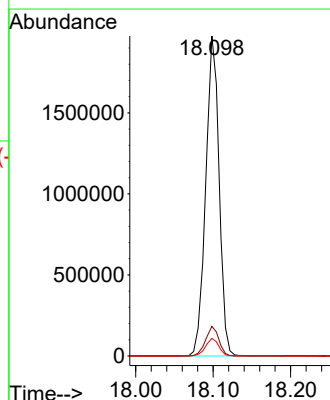
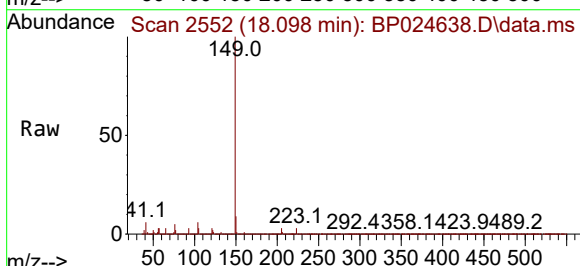
Tgt Ion:149 Resp: 2364678

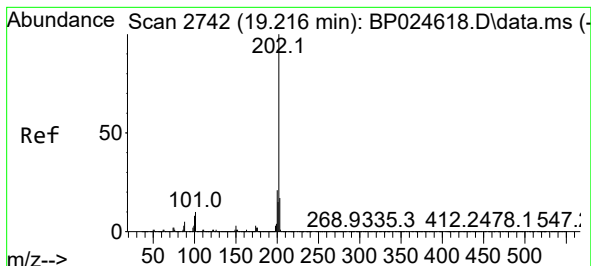
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 46.745 ng

RT: 19.222 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

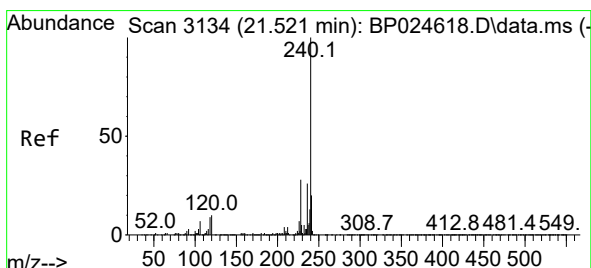
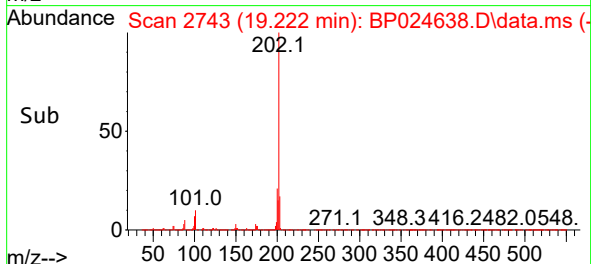
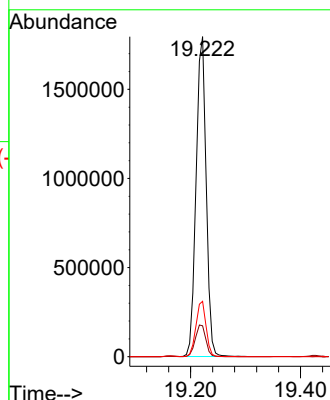
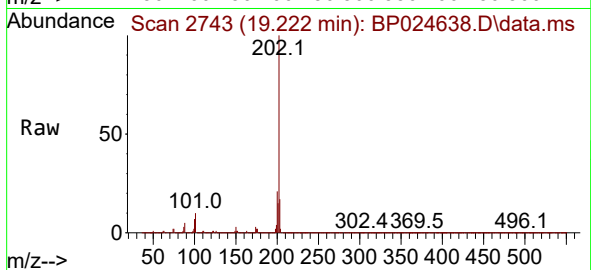
Tgt Ion:202 Resp: 2288323

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

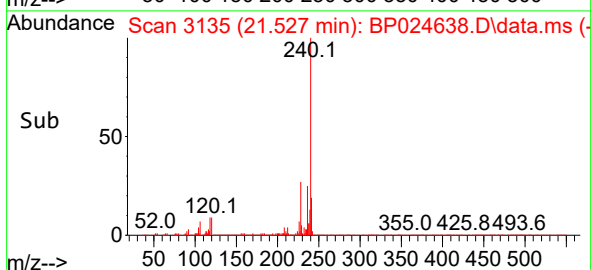
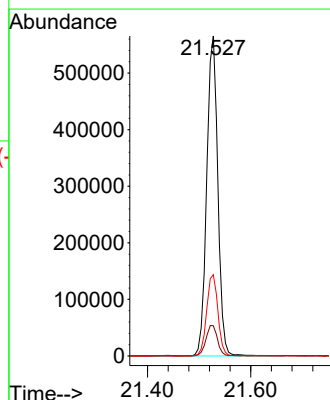
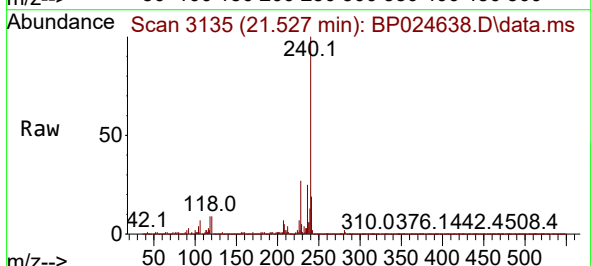
Tgt Ion:240 Resp: 842505

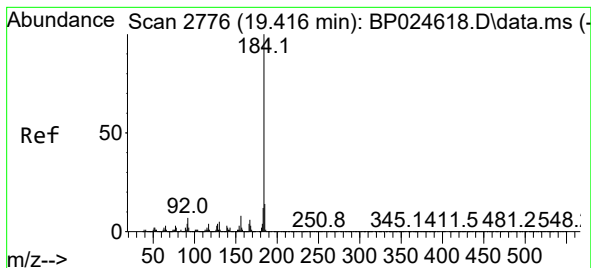
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.4 20.6 31.0





#77

Benzidine

Concen: 53.385 ng

RT: 19.428 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

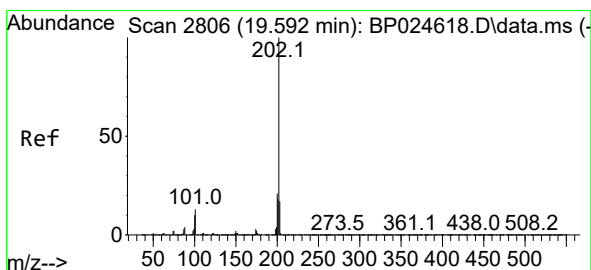
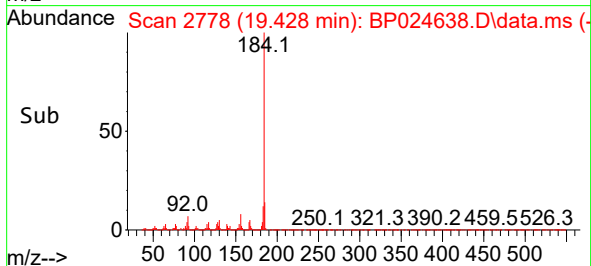
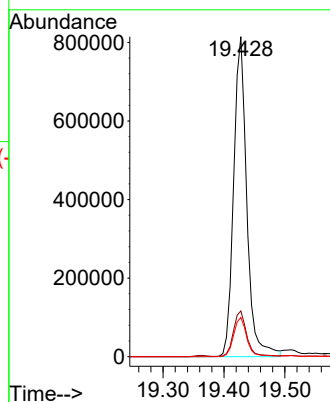
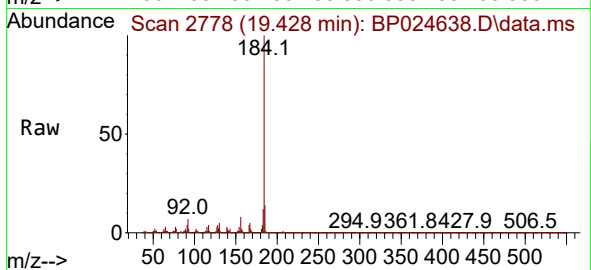
Tgt Ion:184 Resp: 1224992

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 12.2 9.8 14.8



#78

Pyrene

Concen: 47.163 ng

RT: 19.598 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

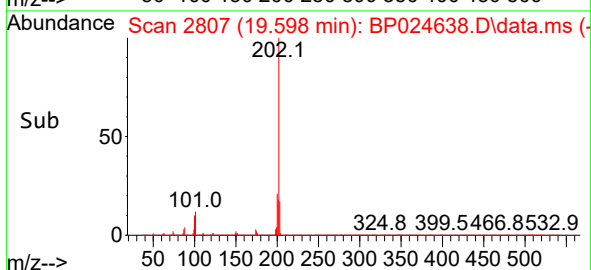
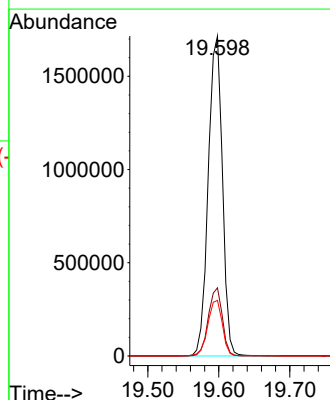
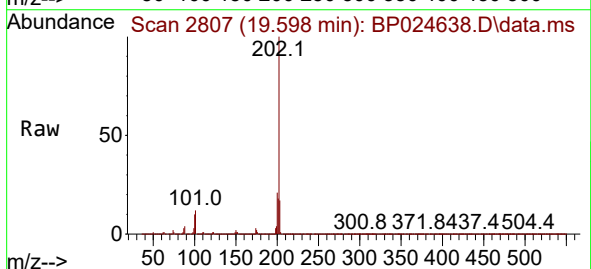
Tgt Ion:202 Resp: 2380843

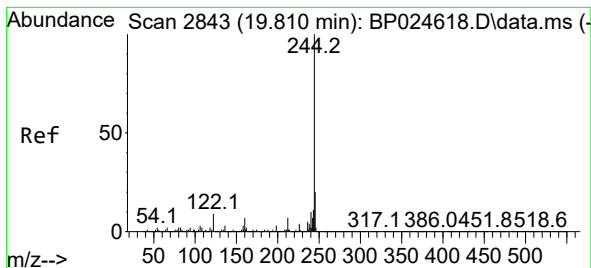
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 48.697 ng

RT: 19.816 min Scan# 2843

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

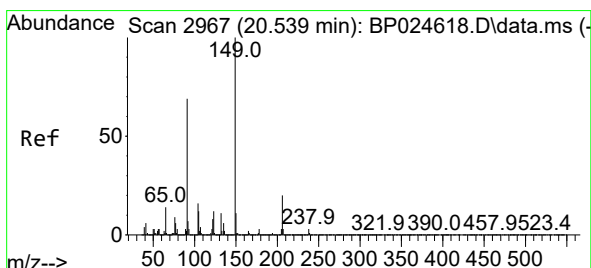
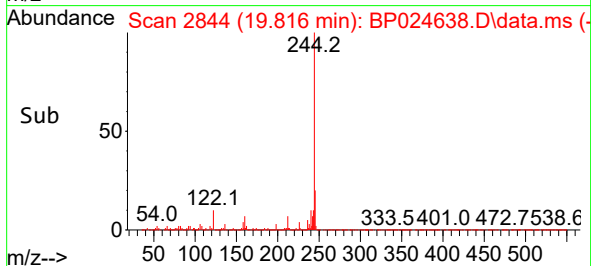
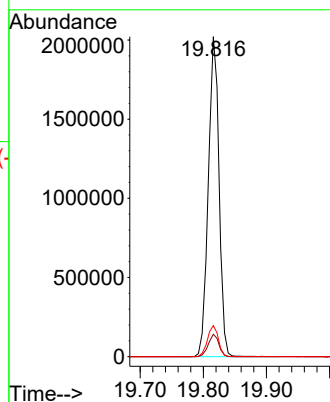
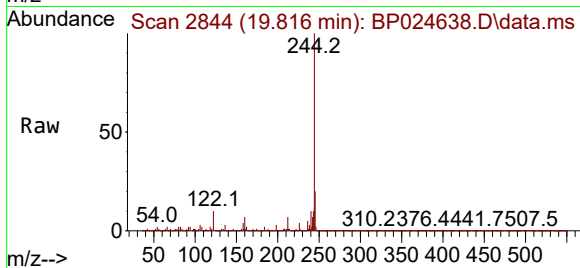
Tgt Ion:244 Resp: 2392705

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.7 7.4 11.0



#80

Butylbenzylphthalate

Concen: 51.148 ng

RT: 20.551 min Scan# 2969

Delta R.T. 0.012 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

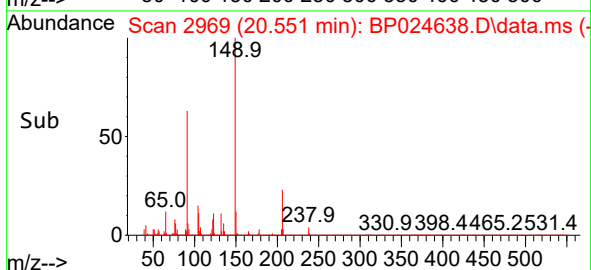
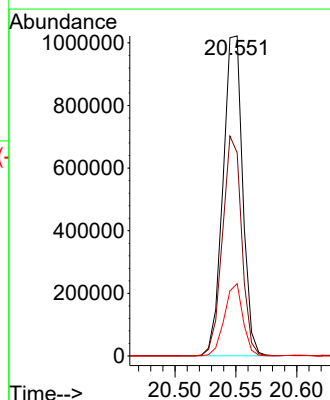
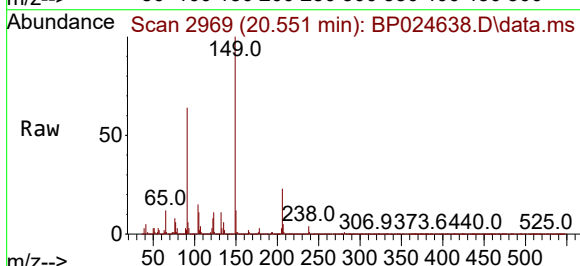
Tgt Ion:149 Resp: 1148313

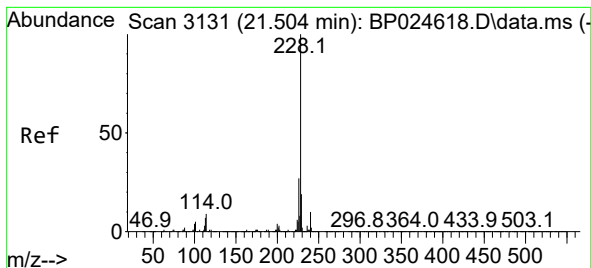
Ion Ratio Lower Upper

149 100

91 63.5 55.4 83.0

206 22.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.484 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

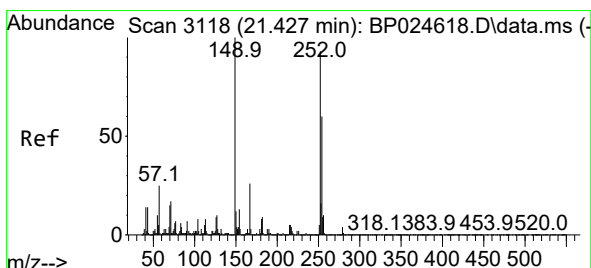
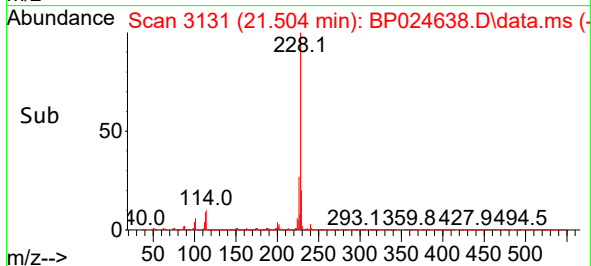
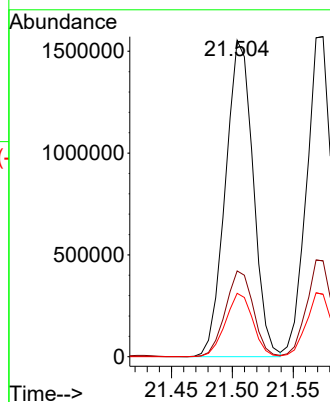
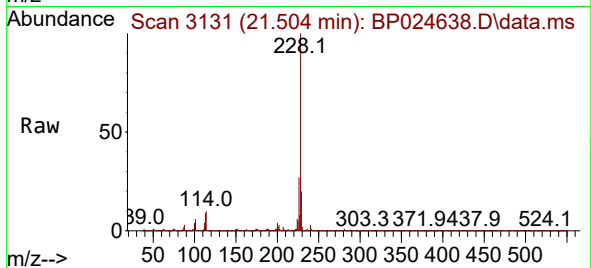
Tgt Ion:228 Resp: 2459103

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 32.874 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

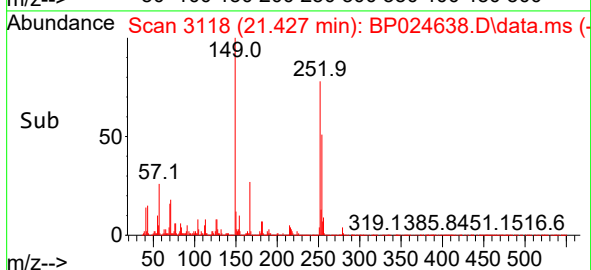
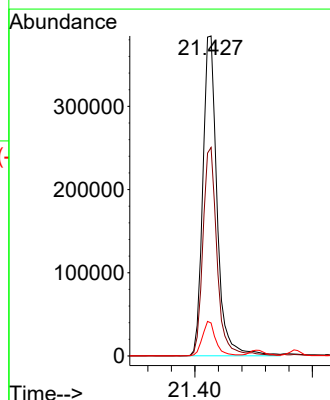
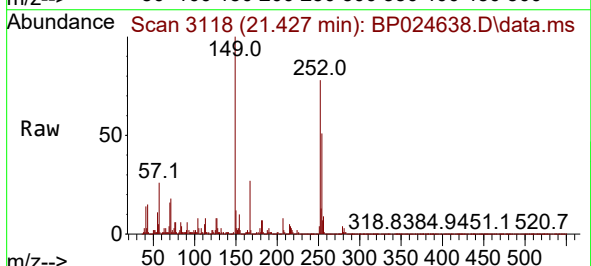
Tgt Ion:252 Resp: 645946

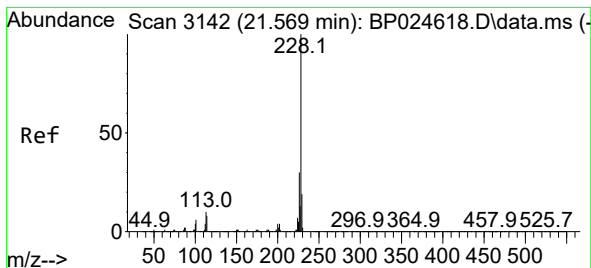
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 10.3 7.7 11.5





#83

Chrysene

Concen: 45.864 ng

RT: 21.575 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

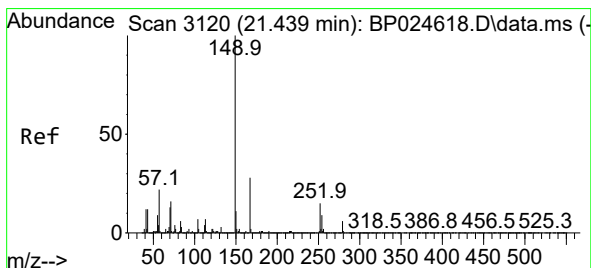
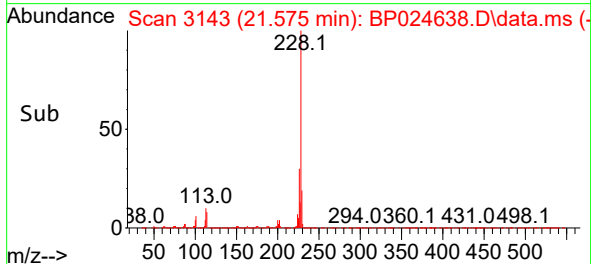
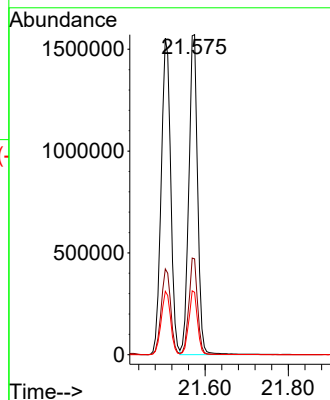
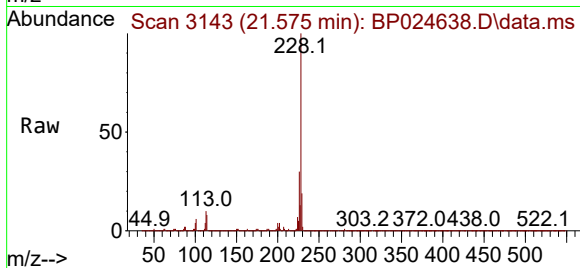
Tgt Ion:228 Resp: 2300052

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.290 ng

RT: 21.439 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

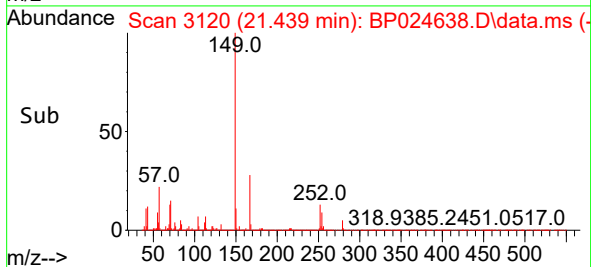
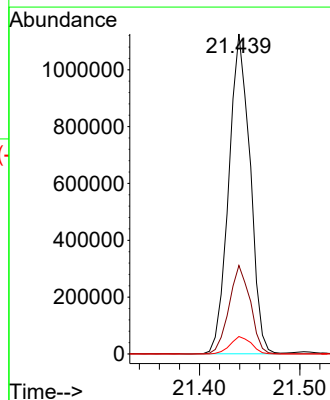
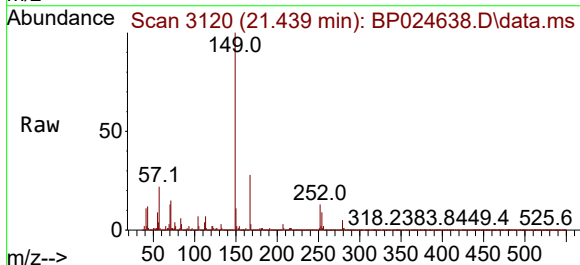
Tgt Ion:149 Resp: 1659519

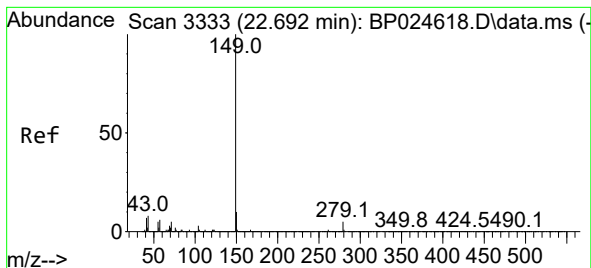
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 52.847 ng

RT: 22.692 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

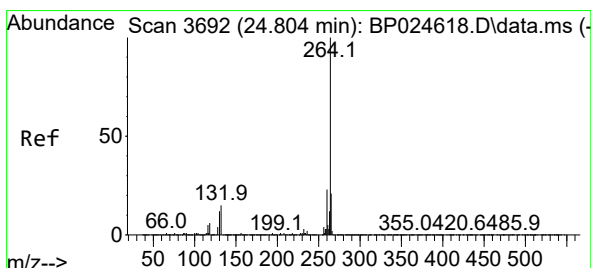
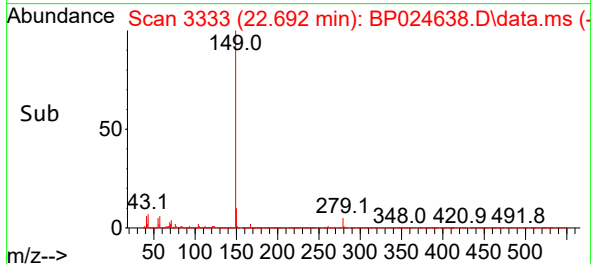
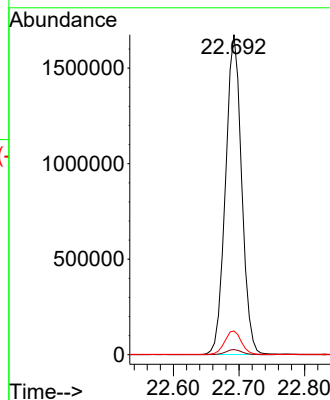
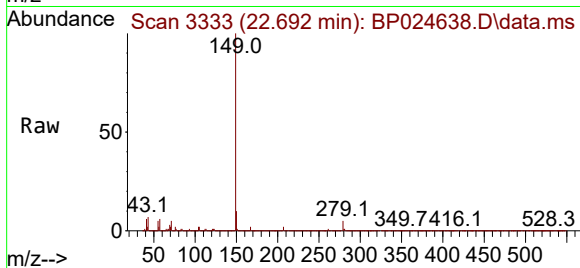
Tgt Ion:149 Resp: 2851767

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3691

Delta R.T. -0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

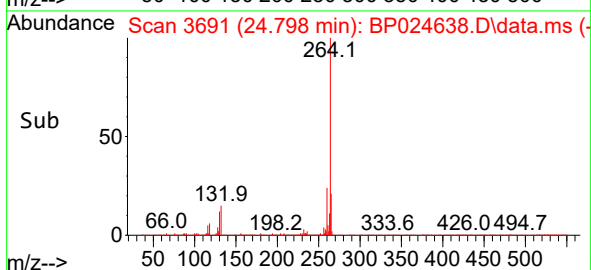
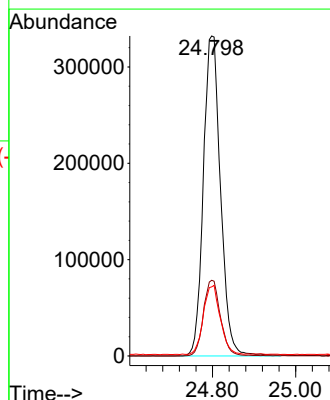
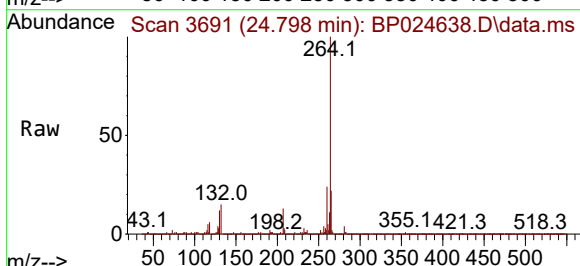
Tgt Ion:264 Resp: 953147

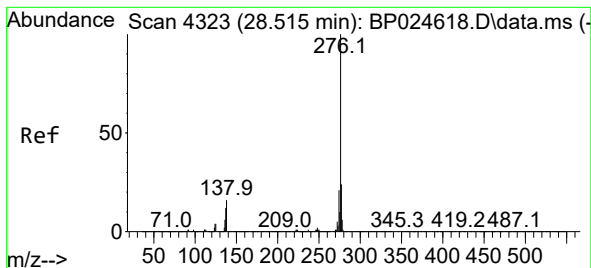
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.287 ng

RT: 28.533 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

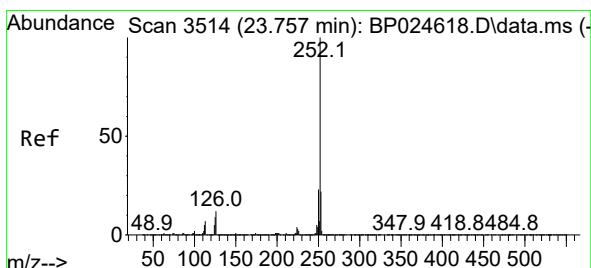
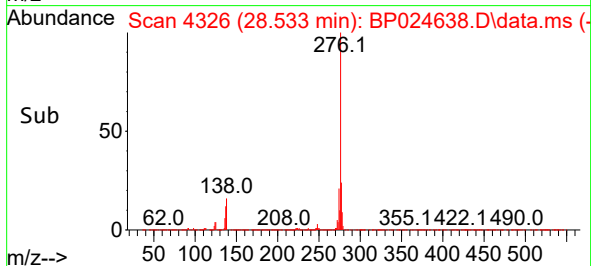
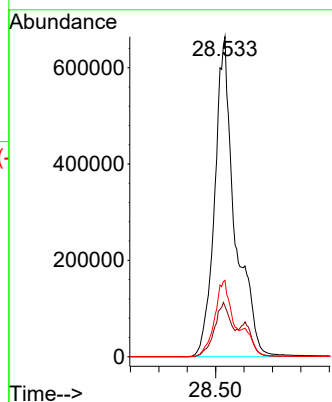
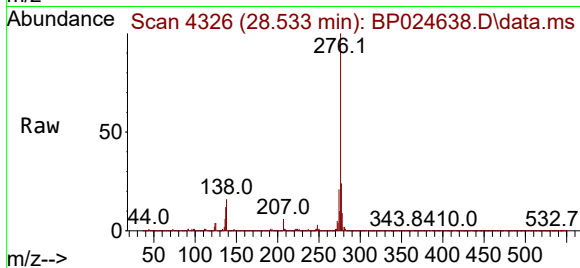
Tgt Ion:276 Resp: 3290454

Ion Ratio Lower Upper

276 100

138 13.8 11.2 16.8

277 20.7 15.7 23.5



#88

Benzo(b)fluoranthene

Concen: 47.829 ng

RT: 23.769 min Scan# 3516

Delta R.T. 0.012 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

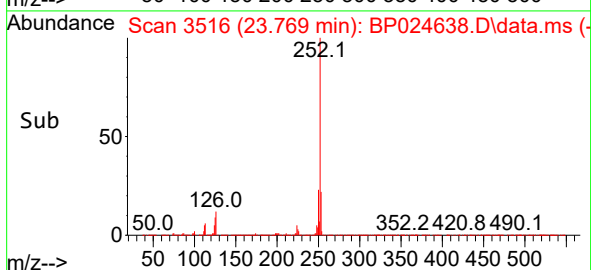
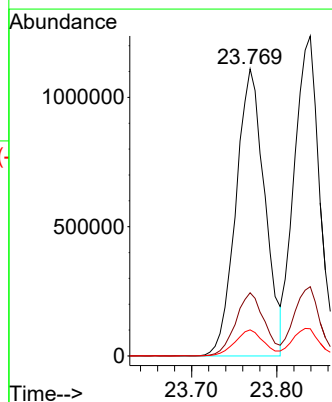
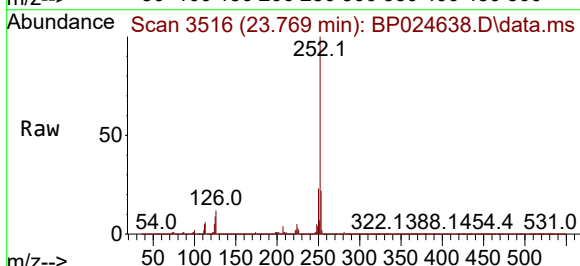
Tgt Ion:252 Resp: 2609378

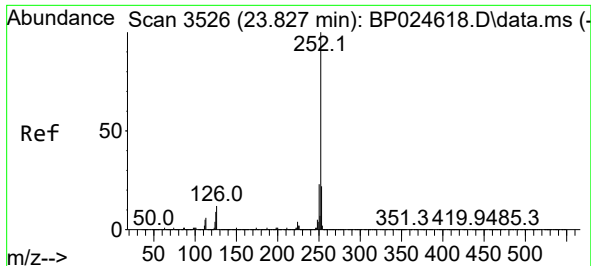
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.1 7.5 11.3

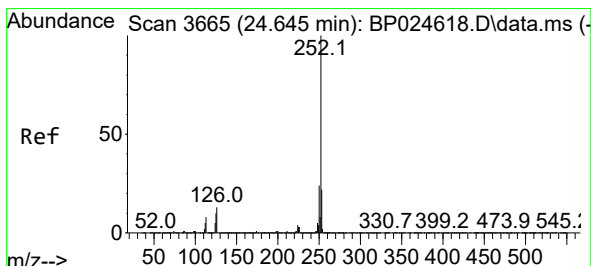
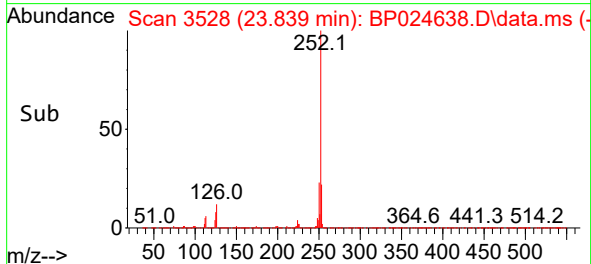
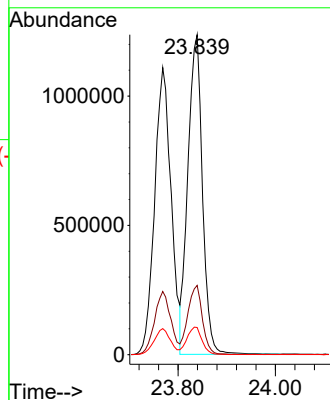
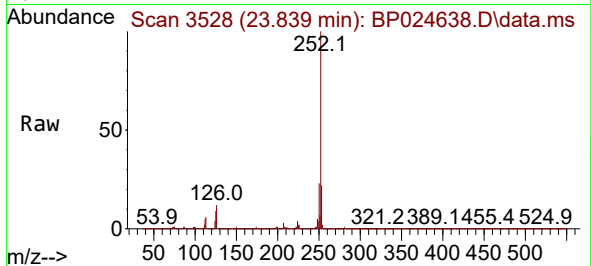




#89
Benzo(k)fluoranthene
Concen: 45.681 ng
RT: 23.839 min Scan# 3526
Delta R.T. 0.012 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

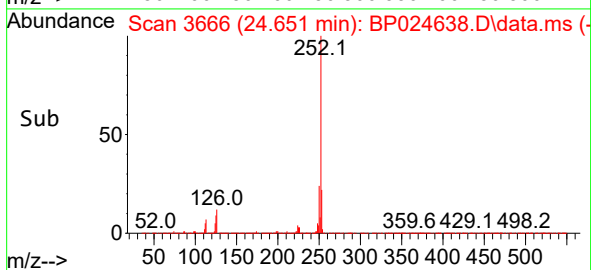
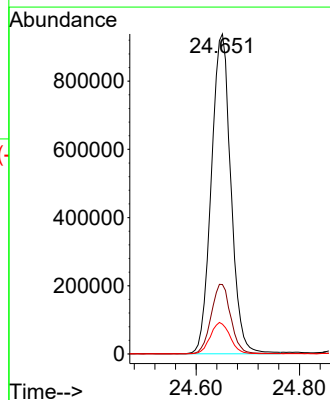
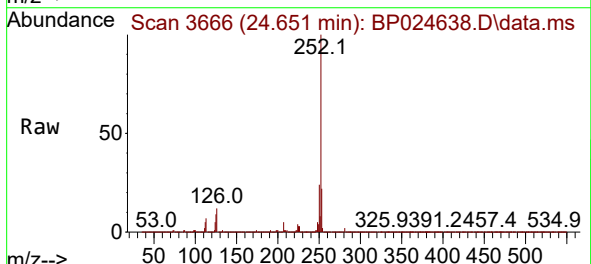
Instrument :
BNA_P
ClientSampleId :
TP-13MS

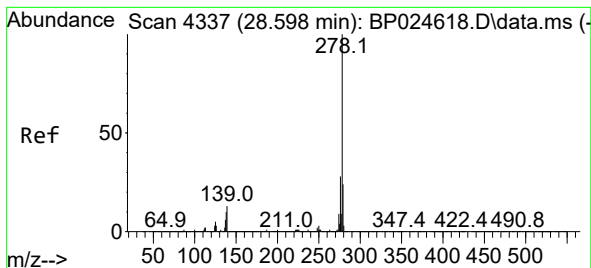
Tgt Ion:252 Resp: 2568026
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.5 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.981 ng
RT: 24.651 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:252 Resp: 2461650
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.3 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 47.603 ng

RT: 28.604 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Instrument :

BNA_P

ClientSampleId :

TP-13MS

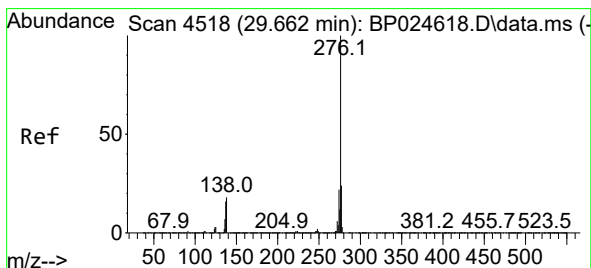
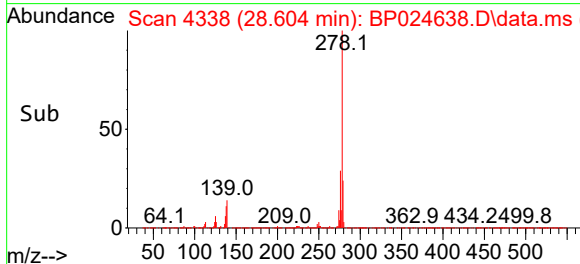
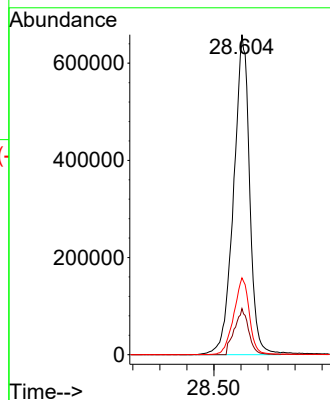
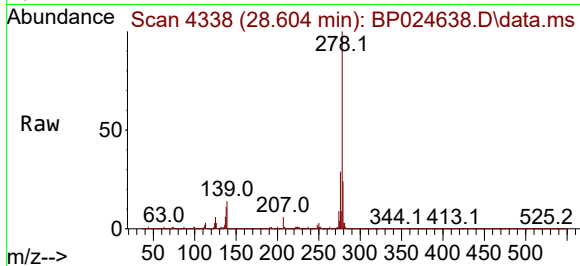
Tgt Ion:278 Resp: 2694828

Ion Ratio Lower Upper

278 100

139 14.4 10.2 15.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.408 ng

RT: 29.686 min Scan# 4522

Delta R.T. 0.024 min

Lab File: BP024638.D

Acq: 15 May 2025 15:18

Tgt Ion:276 Resp: 2668855

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 18.1 14.4 21.6

