

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049920.D
 Acq On : 14 Apr 2025 19:06
 Operator : RC/JU
 Sample : Q1779-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-23MS

Quant Time: Apr 15 01:03:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	447784	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1604018	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	1047299	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	2068860	20.000	ng	0.00
76) Chrysene-d12	21.397	240	2012203	20.000	ng	0.00
86) Perylene-d12	24.391	264	1784297	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2726151	103.380	ng	0.00
7) Phenol-d6	6.951	99	3361854	102.467	ng	0.00
23) Nitrobenzene-d5	8.928	82	1931888	67.068	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1641809	107.777	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4923310	63.746	ng	-0.01
79) Terphenyl-d14	19.780	244	7408939	69.003	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	371257	34.185	ng	98
3) Pyridine	3.652	79	1036401	36.322	ng	100
4) n-Nitrosodimethylamine	3.563	42	430682	39.662	ng	99
6) Aniline	7.098	93	772043	27.462	ng	99
8) 2-Chlorophenol	7.340	128	1182675	43.763	ng	99
9) Benzaldehyde	6.910	77	627773	37.286	ng	99
10) Phenol	6.975	94	1410890	44.067	ng	100
11) bis(2-Chloroethyl)ether	7.192	93	1169538	46.581	ng	98
12) 1,3-Dichlorobenzene	7.657	146	1338050	41.879	ng	100
13) 1,4-Dichlorobenzene	7.804	146	1349495	41.977	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1310024	43.263	ng	99
15) Benzyl Alcohol	8.010	79	870736	42.146	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1241738	44.372	ng	99
17) 2-Methylphenol	8.222	107	900710	45.651	ng	99
18) Hexachloroethane	8.851	117	466737	41.730	ng	93
19) n-Nitroso-di-n-propyla...	8.581	70	785482	43.226	ng	100
20) 3+4-Methylphenols	8.551	107	1240039	46.100	ng	99
22) Acetophenone	8.592	105	1584303	40.641	ng	99
24) Nitrobenzene	8.969	77	1125723	40.586	ng	99
25) Isophorone	9.498	82	2130560	44.153	ng	99
26) 2-Nitrophenol	9.681	139	611016	41.563	ng	99
27) 2,4-Dimethylphenol	9.751	122	1012091	60.749	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1337343	41.397	ng	99
29) 2,4-Dichlorophenol	10.222	162	1162147	41.964	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1329309	41.492	ng	99
31) Naphthalene	10.616	128	3284177	39.846	ng	100
32) Benzoic acid	9.898	122	627334	33.513	ng	98
33) 4-Chloroaniline	10.745	127	670729	23.046	ng	99
34) Hexachlorobutadiene	10.904	225	840572	42.416	ng	99
35) Caprolactam	11.522	113	318383	40.084	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	1010853	41.670	ng	98
37) 2-Methylnaphthalene	12.227	142	2162229	37.235	ng	99
38) 1-Methylnaphthalene	12.451	142	2282402	40.343	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1530315	41.767	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1729119	134.681	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	991139	42.511	ng	98

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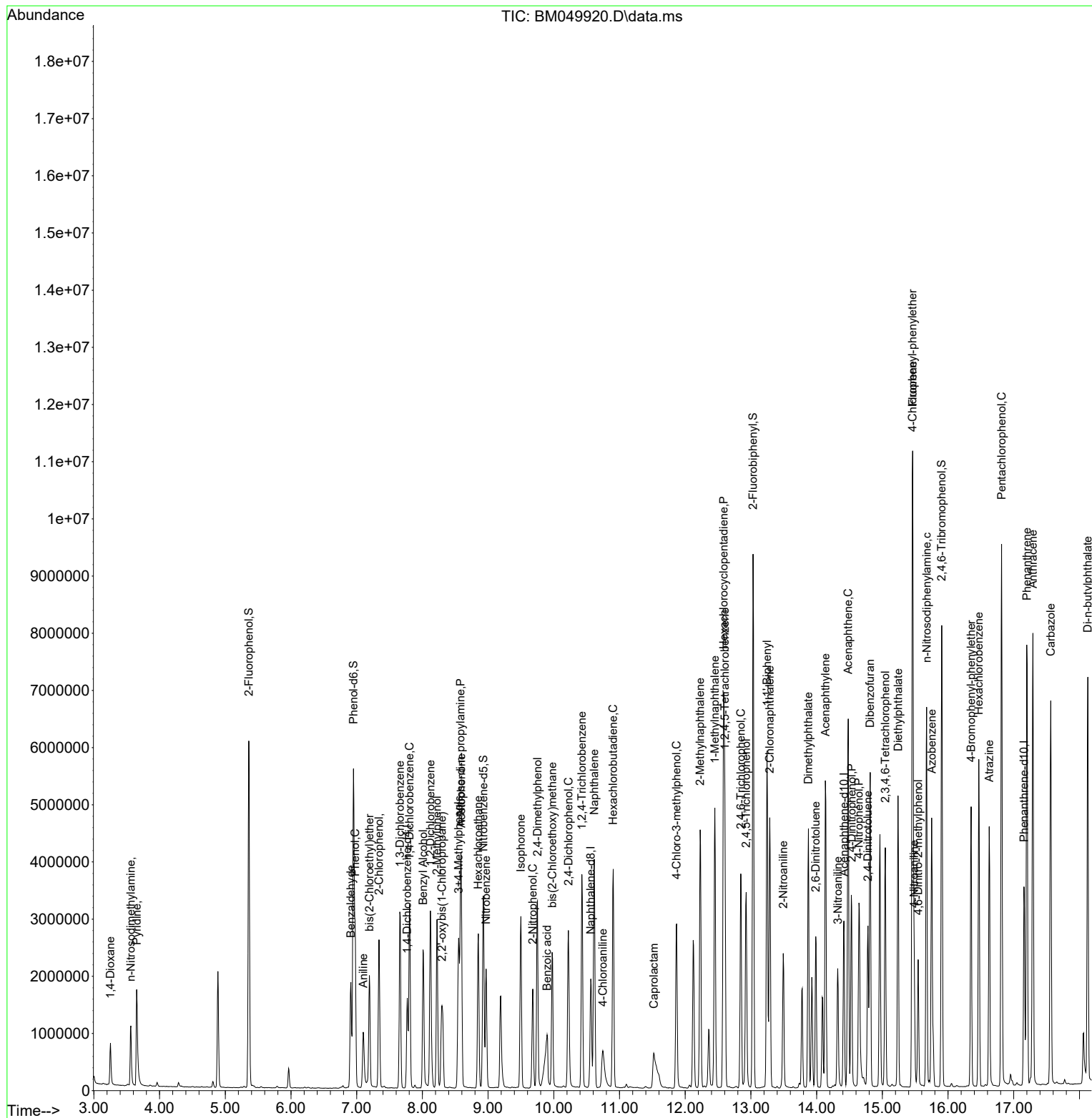
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1067585	42.136	ng	99
46) 1,1'-Biphenyl	13.245	154	3163903	40.640	ng	100
47) 2-Chloronaphthalene	13.286	162	2508729	40.998	ng	99
48) 2-Nitroaniline	13.492	65	602156	42.536	ng	96
49) Acenaphthylene	14.133	152	3914984	43.922	ng	99
50) Dimethylphthalate	13.874	163	2961172	40.078	ng	100
51) 2,6-Dinitrotoluene	13.986	165	650711	42.036	ng	99
52) Acenaphthene	14.480	154	2287458	40.346	ng	100
53) 3-Nitroaniline	14.321	138	600540	40.139	ng	95
54) 2,4-Dinitrophenol	14.533	184	861363	77.122	ng	95
55) Dibenzofuran	14.816	168	3733116	39.387	ng	98
56) 4-Nitrophenol	14.645	139	1151040	86.332	ng	99
57) 2,4-Dinitrotoluene	14.780	165	912566	44.189	ng	96
58) Fluorene	15.463	166	3124309	41.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	916022	41.250	ng	98
60) Diethylphthalate	15.239	149	2814648	39.724	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1717543	42.522	ng	99
62) 4-Nitroaniline	15.486	138	637874	41.227	ng	98
63) Azobenzene	15.751	77	2613551	43.083	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	547265	41.978	ng	97
66) n-Nitrosodiphenylamine	15.674	169	2623640	42.376	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	1042575	43.410	ng	96
68) Hexachlorobenzene	16.468	284	1194738	43.369	ng	98
69) Atrazine	16.627	200	952503	59.335	ng	98
70) Pentachlorophenol	16.815	266	1757019	86.632	ng	99
71) Phenanthrene	17.198	178	4856933	42.821	ng	99
72) Anthracene	17.292	178	4935381	44.154	ng	100
73) Carbazole	17.562	167	4480251	42.556	ng	99
74) Di-n-butylphthalate	18.127	149	5140785	42.394	ng	100
75) Fluoranthene	19.215	202	6058462	43.443	ng	99
77) Benzidine	19.403	184	2278072	85.338	ng	99
78) Pyrene	19.580	202	6208511	44.769	ng	99
80) Butylbenzylphthalate	20.480	149	2334760	44.806	ng	96
81) Benzo(a)anthracene	21.380	228	5880017	43.969	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1372085	27.169	ng	99
83) Chrysene	21.439	228	5380872	42.323	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	3382178	44.549	ng	97
85) Di-n-octyl phthalate	22.433	149	5532016	41.652	ng	99
87) Indeno(1,2,3-cd)pyrene	27.779	276	5571031	41.886	ng	99
88) Benzo(b)fluoranthene	23.450	252	5010921	43.972	ng	99
89) Benzo(k)fluoranthene	23.509	252	4939362	44.728	ng	100
90) Benzo(a)pyrene	24.256	252	4635352	46.290	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4519794	41.256	ng	99
92) Benzo(g,h,i)perylene	28.832	276	4398330	39.289	ng	98

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

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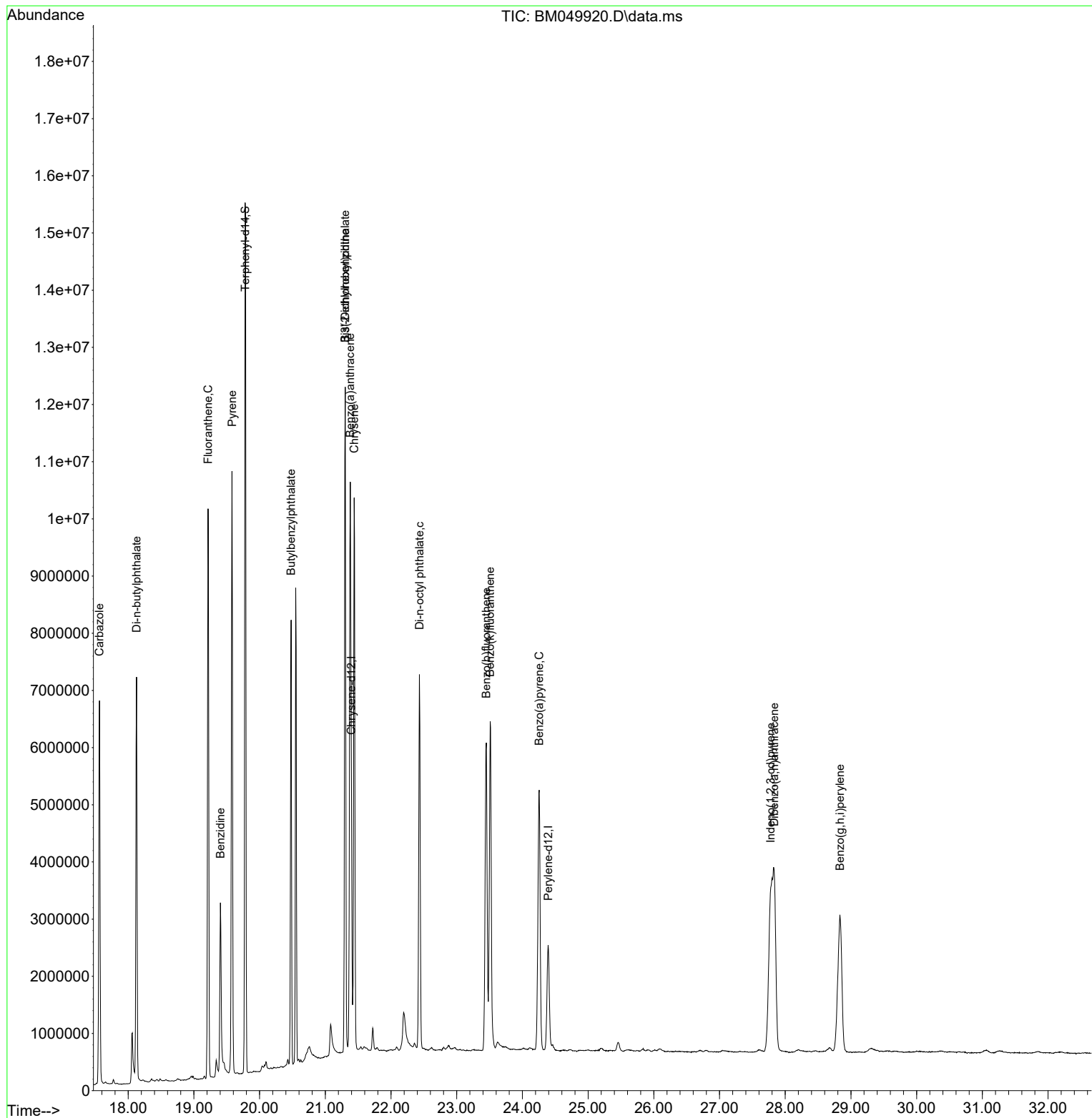
Quant Time: Apr 15 01:03:01 2025
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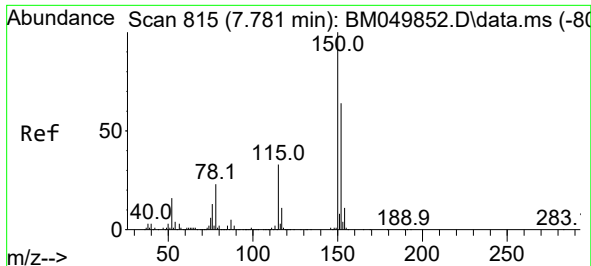


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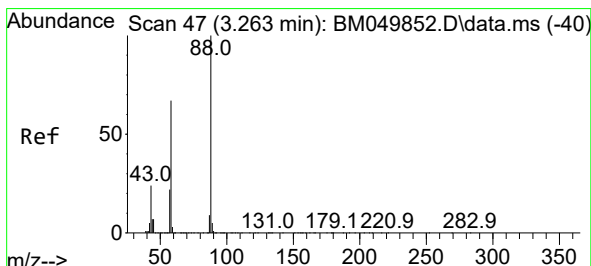
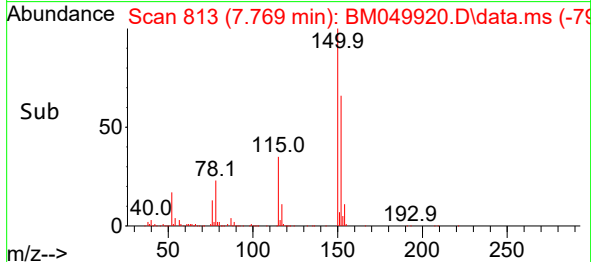
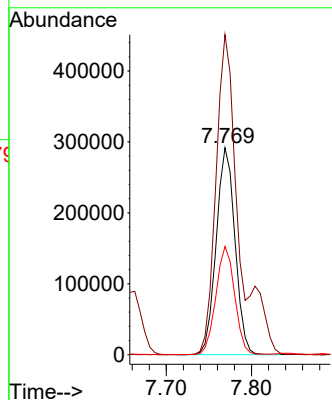
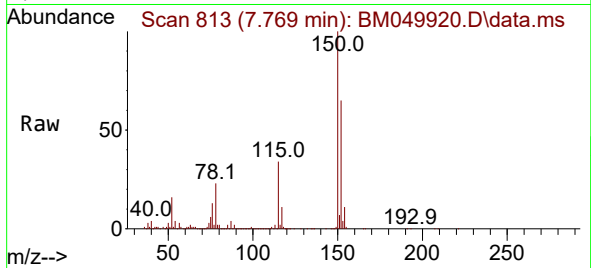




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

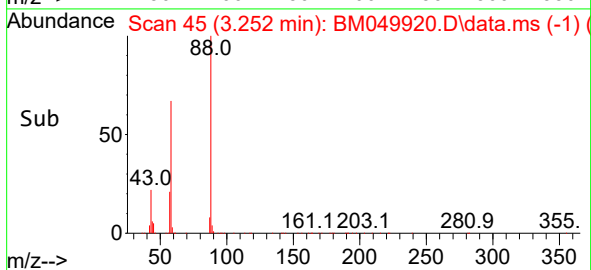
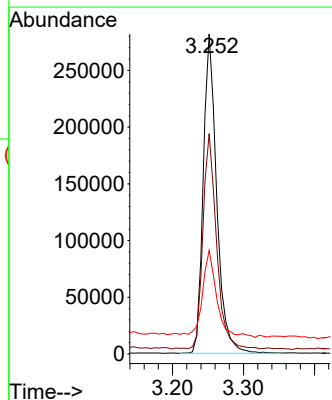
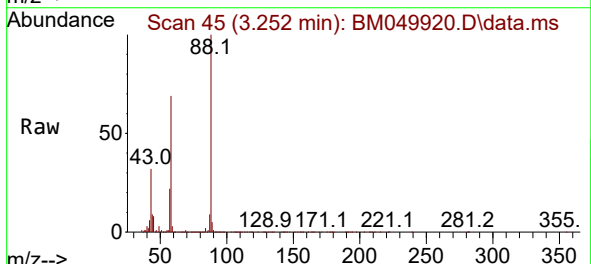
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BNA_M
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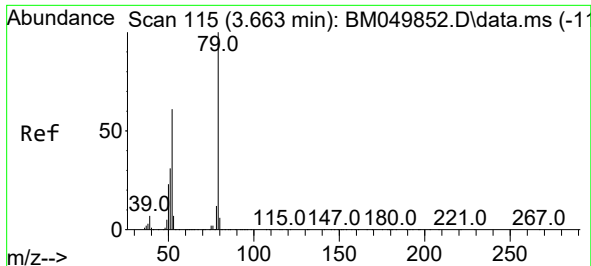
Tgt Ion:152 Resp: 447784
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 52.2 41.1 61.7



#2
1,4-Dioxane
Concen: 34.185 ng
RT: 3.252 min Scan# 45
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion: 88 Resp: 371257
Ion Ratio Lower Upper
88 100
58 67.3 54.1 81.1
43 28.7 20.2 30.4

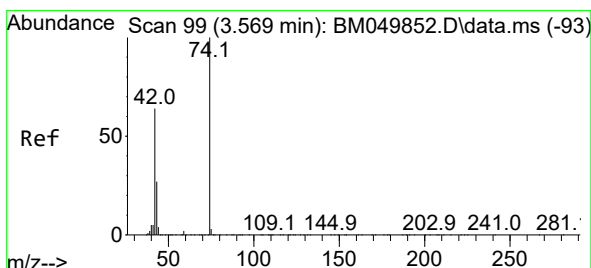
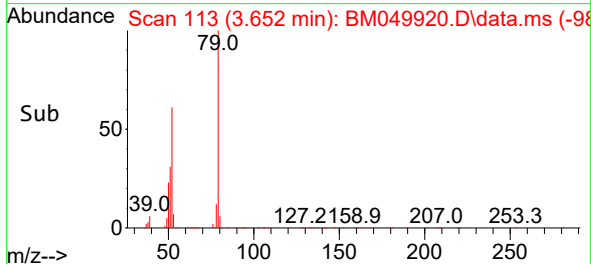
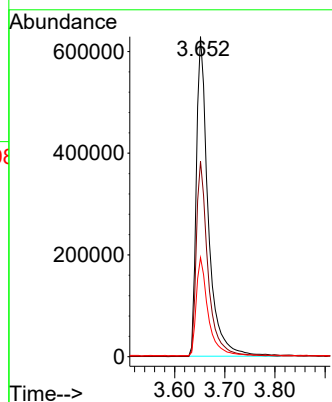
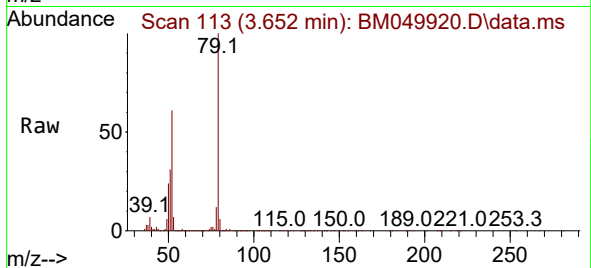




#3
 Pyridine
 Concen: 36.322 ng
 RT: 3.652 min Scan# 115
 Delta R.T. -0.012 min
 Lab File: BM049920.D
 Acq: 14 Apr 2025 19:06

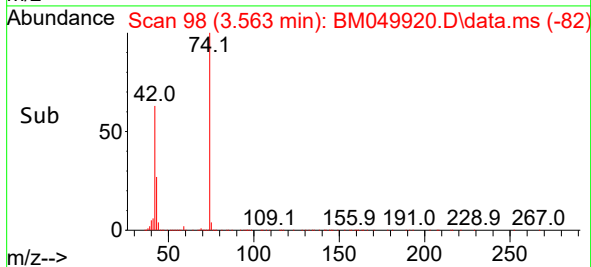
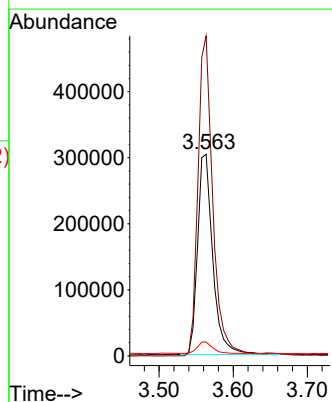
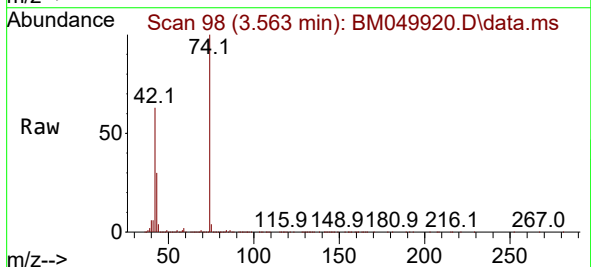
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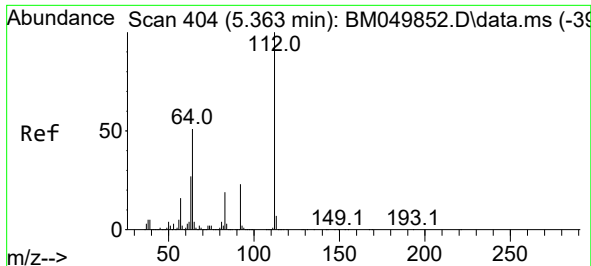
Tgt Ion: 79 Resp: 1036401
 Ion Ratio Lower Upper
 79 100
 52 61.1 48.9 73.3
 51 30.9 25.0 37.6



#4
 n-Nitrosodimethylamine
 Concen: 39.662 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BM049920.D
 Acq: 14 Apr 2025 19:06

Tgt Ion: 42 Resp: 430682
 Ion Ratio Lower Upper
 42 100
 74 158.5 125.4 188.2
 44 7.0 5.9 8.9

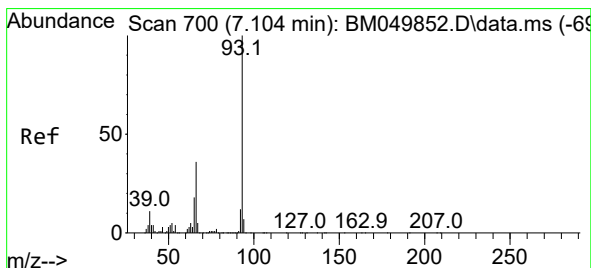
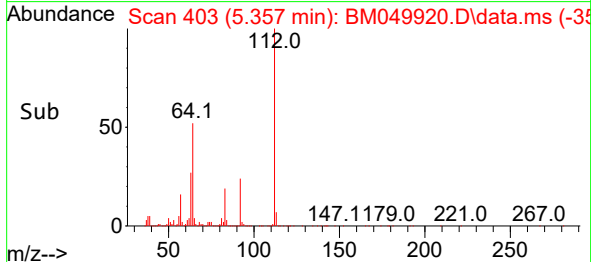
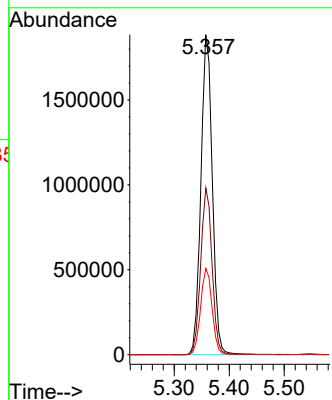
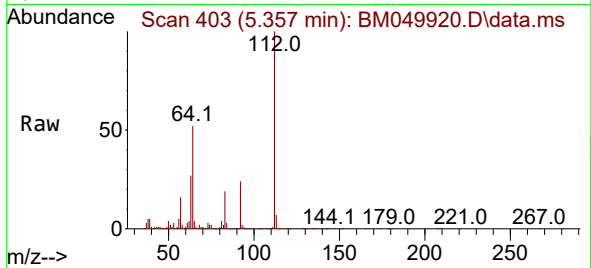




#5
2-Fluorophenol
Concen: 103.380 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

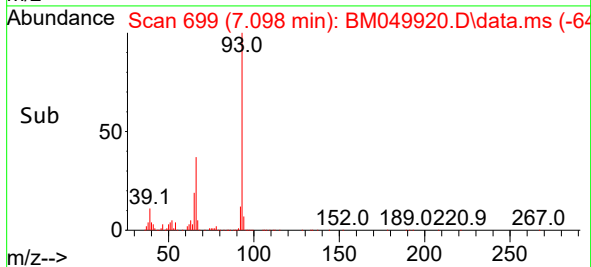
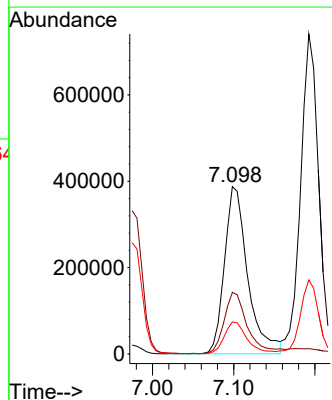
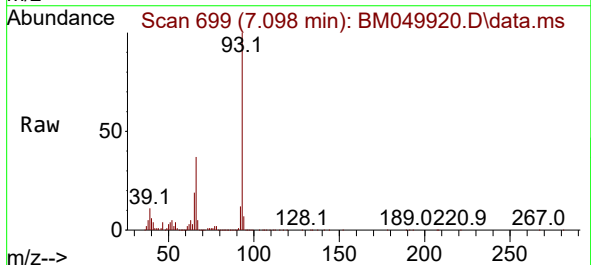
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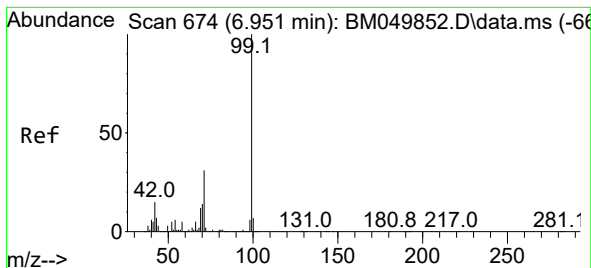
Tgt Ion:112 Resp: 2726151
Ion Ratio Lower Upper
112 100
64 52.1 41.0 61.6
63 27.0 21.5 32.3



#6
Aniline
Concen: 27.462 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion: 93 Resp: 772043
Ion Ratio Lower Upper
93 100
66 36.8 29.1 43.7
65 19.1 14.9 22.3





#7

Phenol-d6

Concen: 102.467 ng

RT: 6.951 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

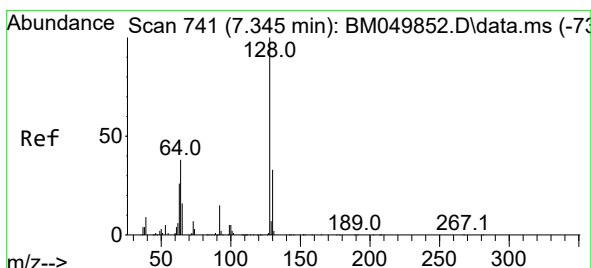
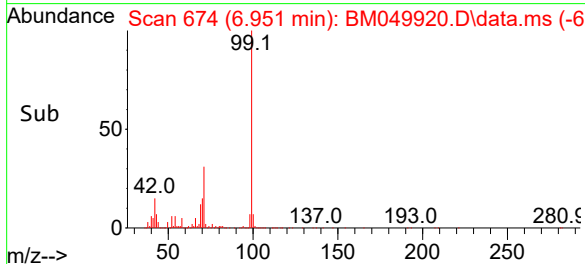
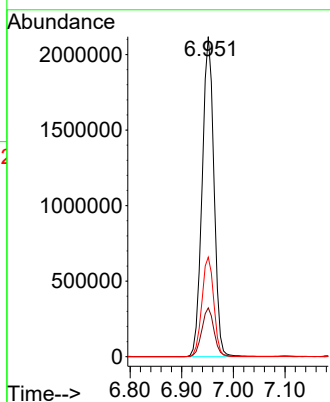
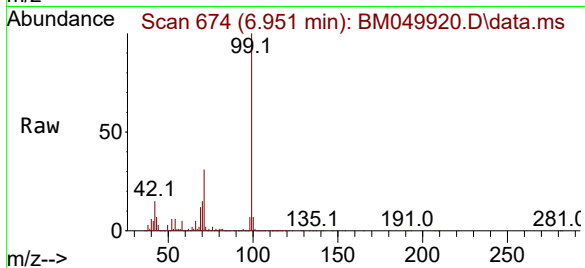
BNA_M

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Tgt Ion: 99 Resp: 3361854

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.1	18.1
71	31.1	24.9	37.3



#8

2-Chlorophenol

Concen: 43.763 ng

RT: 7.340 min Scan# 740

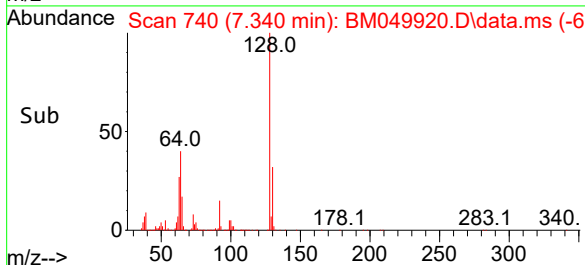
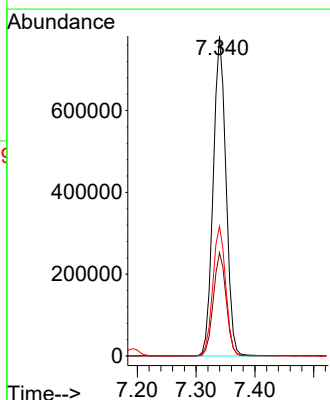
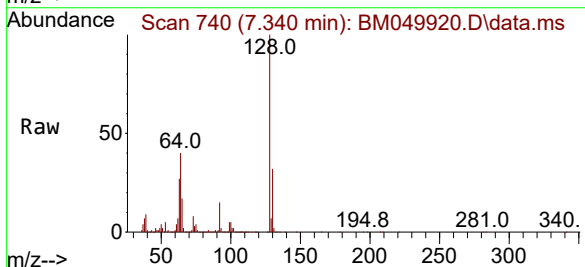
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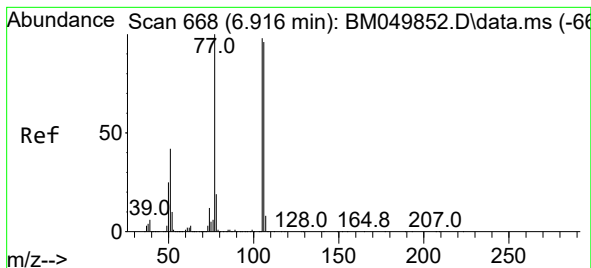
Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Tgt Ion:128 Resp: 1182675

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	40.4	21.1	61.1





#9

Benzaldehyde

Concen: 37.286 ng

RT: 6.910 min Scan# 668

Delta R.T. -0.006 min

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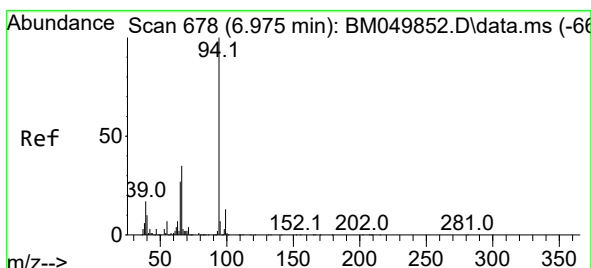
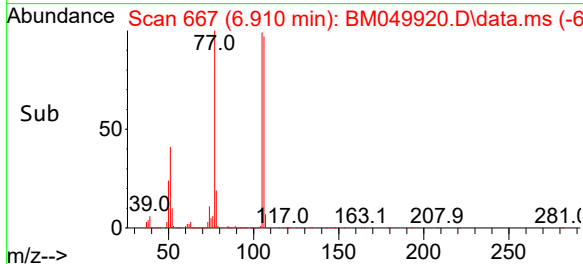
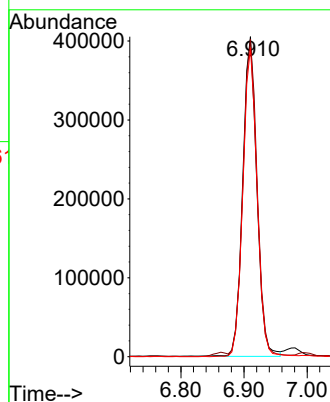
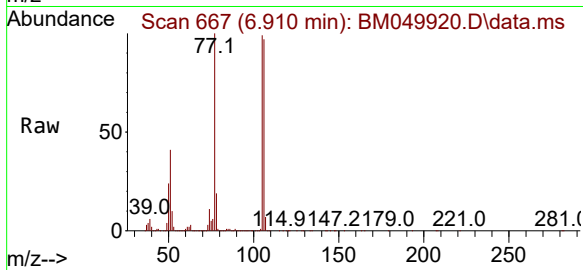
Tgt Ion: 77 Resp: 627773

Ion Ratio Lower Upper

77 100

105 99.2 78.3 118.3

106 96.6 76.0 116.0



#10

Phenol

Concen: 44.067 ng

RT: 6.975 min Scan# 678

Delta R.T. 0.000 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

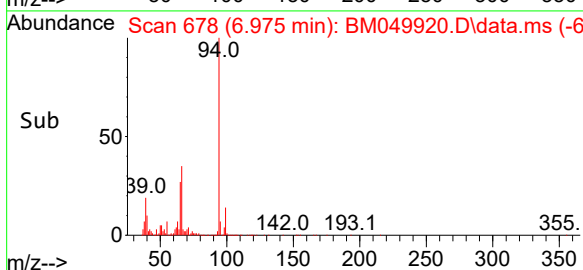
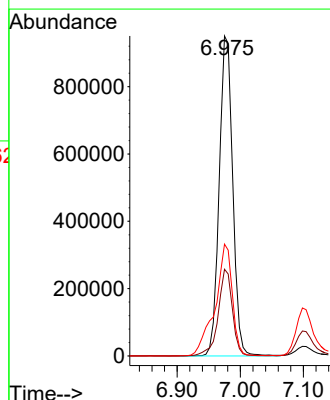
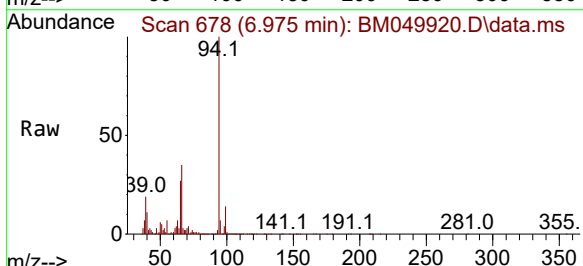
Tgt Ion: 94 Resp: 1410890

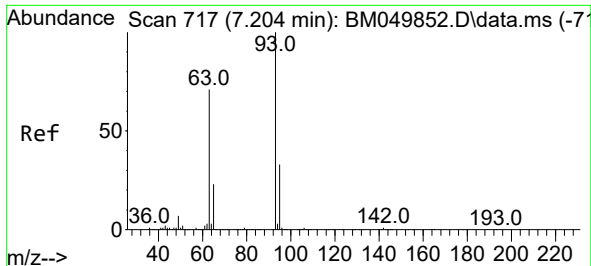
Ion Ratio Lower Upper

94 100

65 27.1 7.3 47.3

66 35.0 14.8 54.8

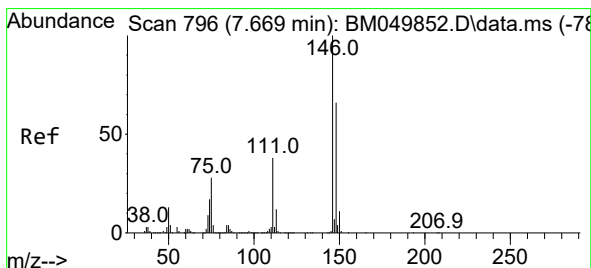
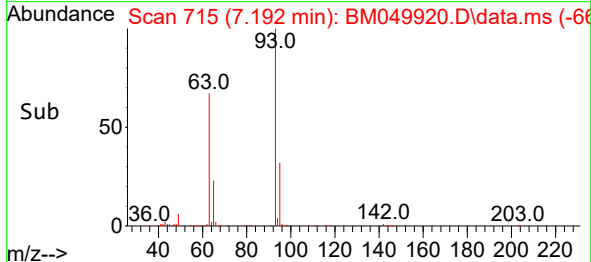
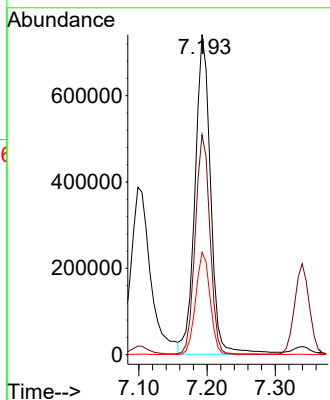
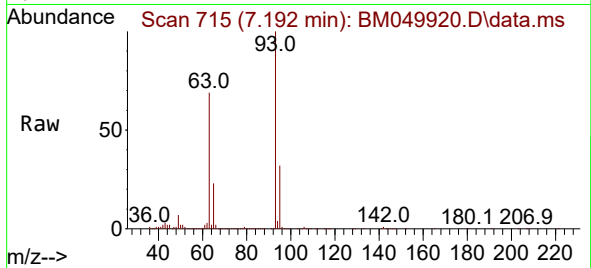




#11
bis(2-Chloroethyl)ether
Concen: 46.581 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

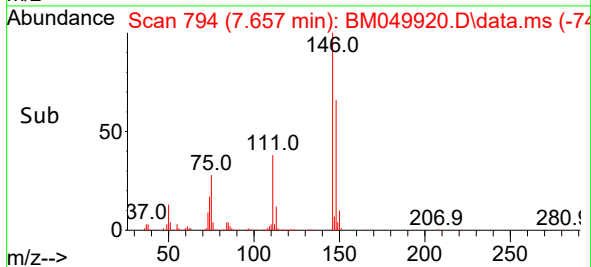
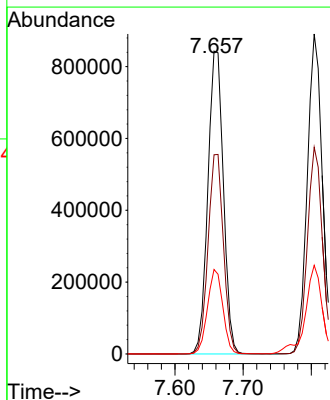
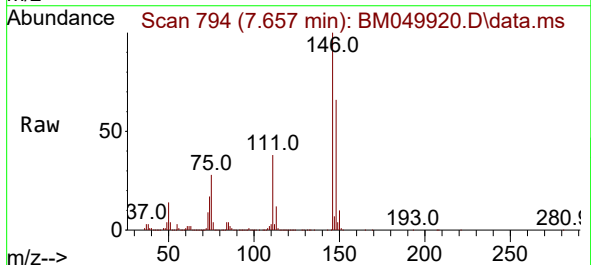
Instrument :
BNA_M
ClientSampleId :
TP-23MS

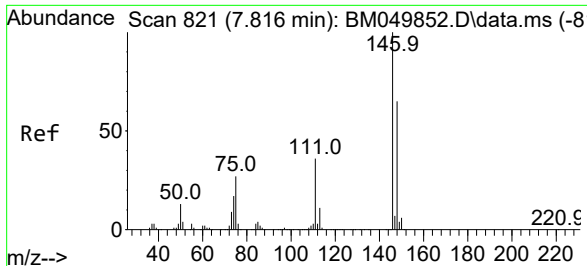
Tgt Ion: 93 Resp: 1169538
Ion Ratio Lower Upper
93 100
63 68.7 50.9 90.9
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.879 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:146 Resp: 1338050
Ion Ratio Lower Upper
146 100
148 65.8 52.5 78.7
75 27.9 22.5 33.7

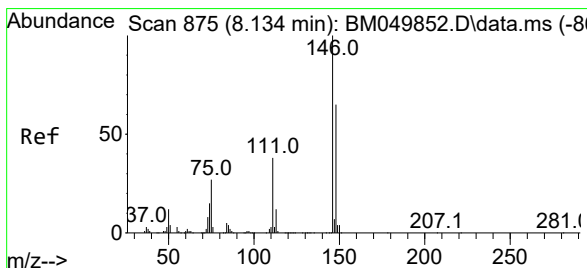
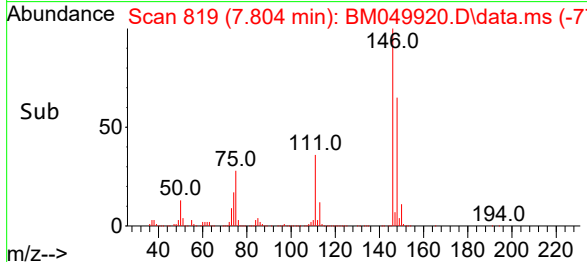
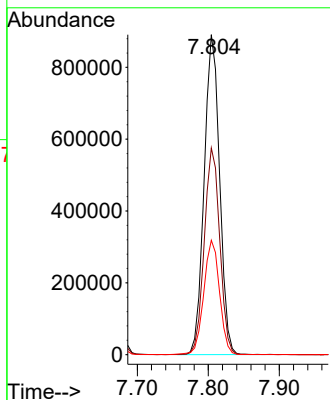
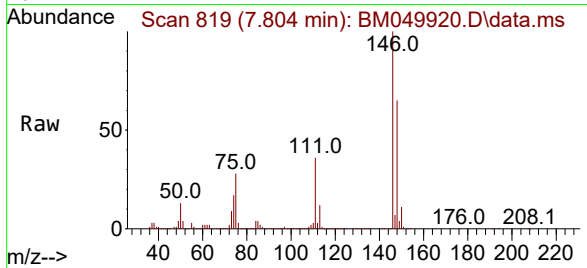




#13
1,4-Dichlorobenzene
Concen: 41.977 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

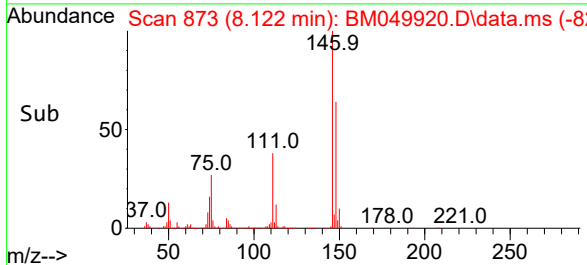
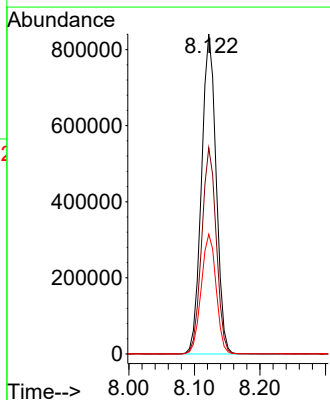
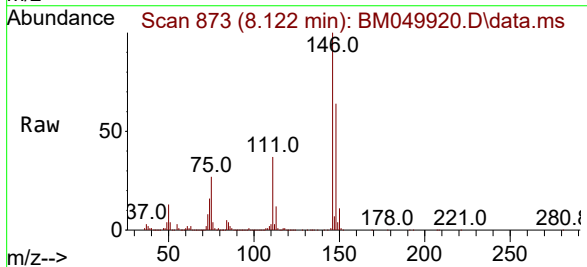
Instrument :
BNA_M
ClientSampleId :
TP-23MS

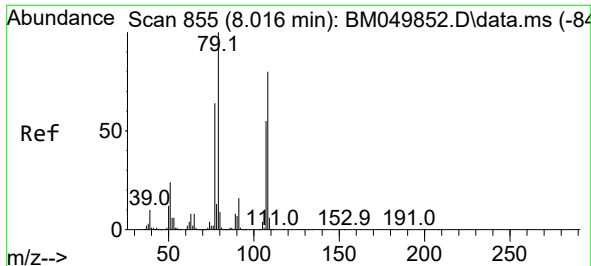
Tgt Ion:146 Resp: 1349495
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
111 35.7 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 43.263 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:146 Resp: 1310024
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 37.4 30.2 45.4

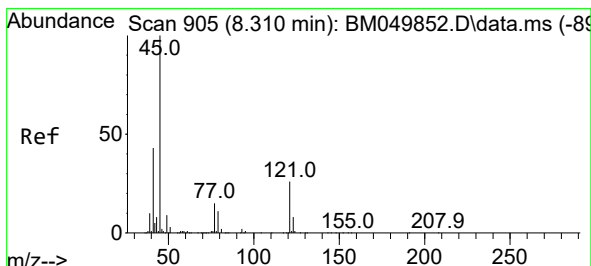
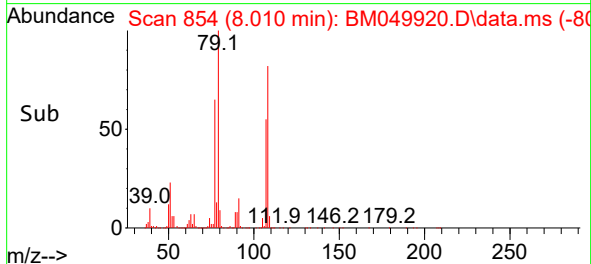
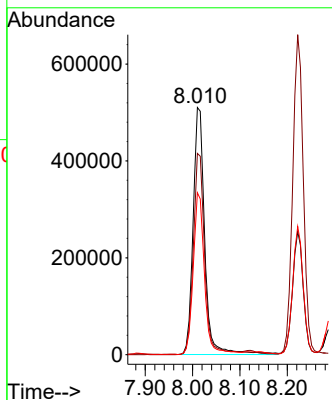
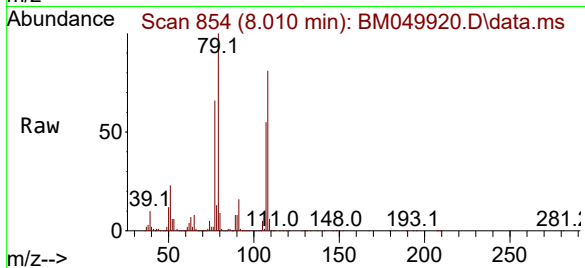




#15
Benzyl Alcohol
Concen: 42.146 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

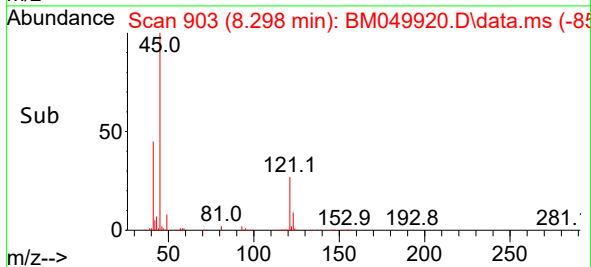
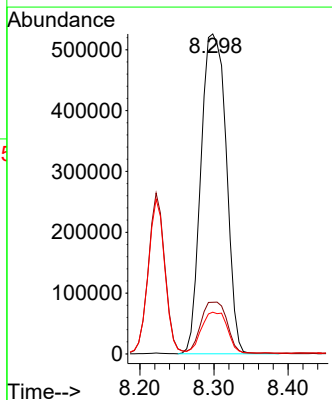
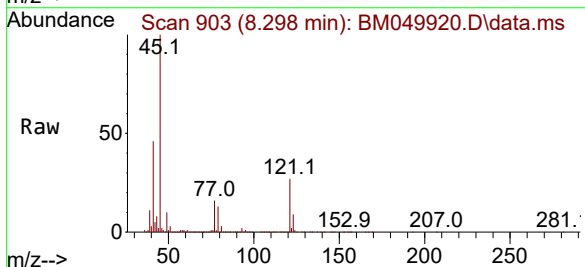
Instrument :
BNA_M
ClientSampleId :
TP-23MS

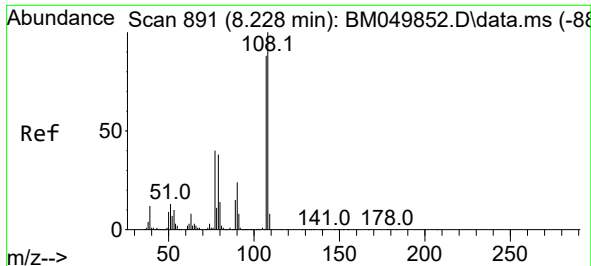
Tgt Ion: 79 Resp: 870736
Ion Ratio Lower Upper
79 100
108 81.4 63.6 95.4
77 65.5 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.372 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion: 45 Resp: 1241738
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.9
79 13.1 0.0 32.9

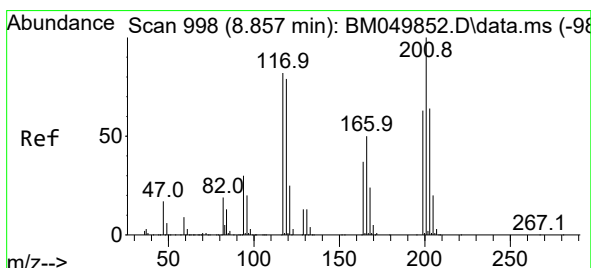
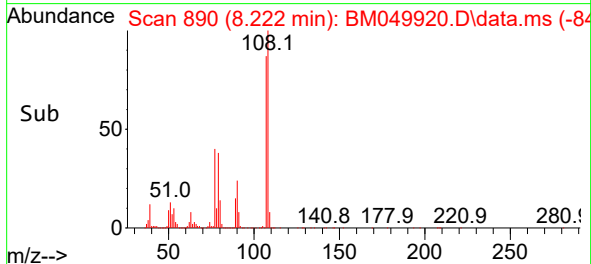
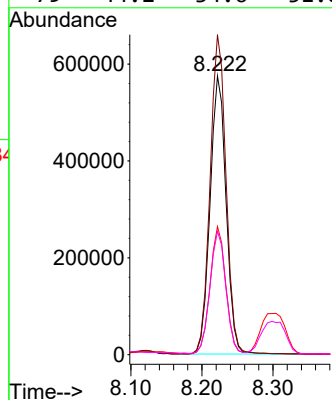
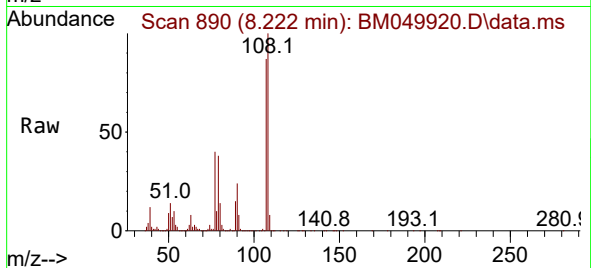




#17
2-Methylphenol
Concen: 45.651 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

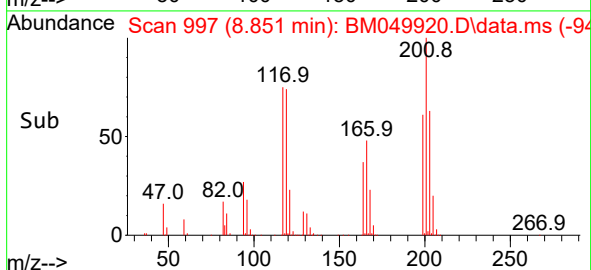
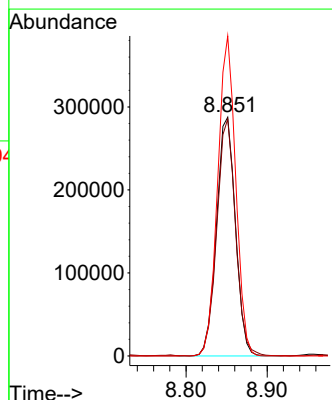
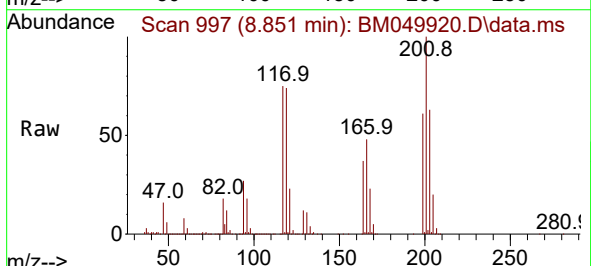
Instrument :
BNA_M
ClientSampleId :
TP-23MS

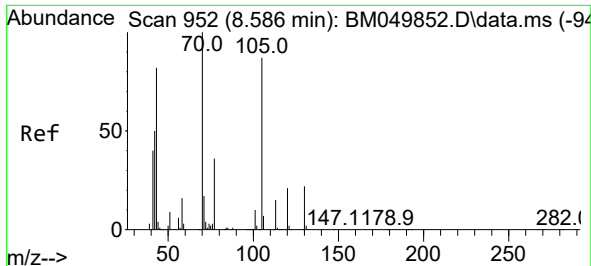
Tgt Ion:107 Resp: 900710
Ion Ratio Lower Upper
107 100
108 114.8 91.0 136.6
77 46.0 36.5 54.7
79 44.2 34.6 51.8



#18
Hexachloroethane
Concen: 41.730 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:117 Resp: 466737
Ion Ratio Lower Upper
117 100
119 99.3 77.5 116.3
201 134.0 97.7 146.5

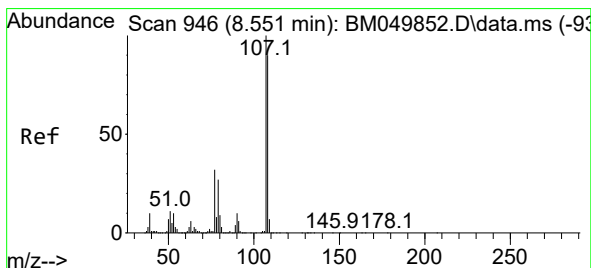
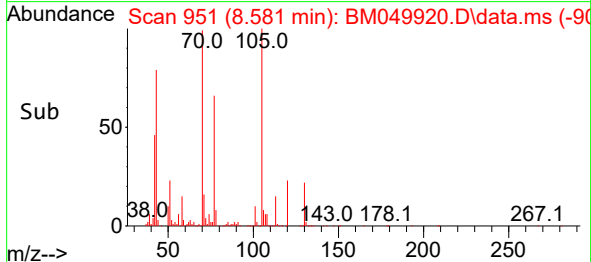
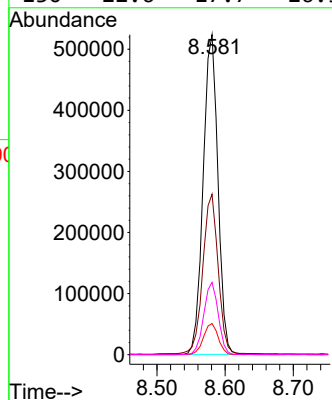
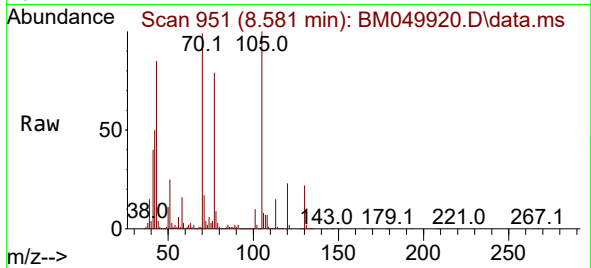




#19
n-Nitroso-di-n-propylamine
Concen: 43.226 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

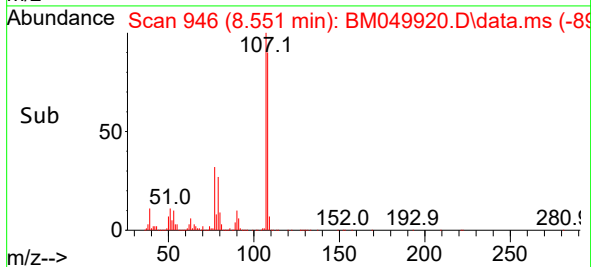
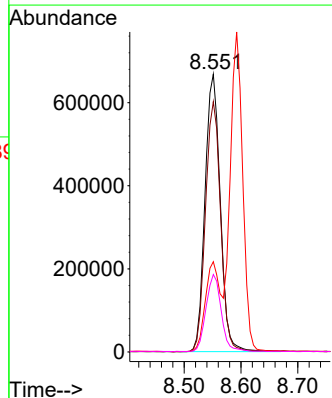
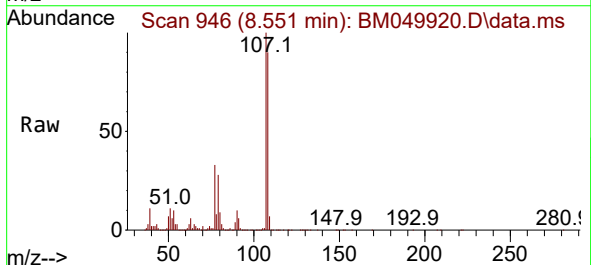
Instrument :
BNA_M
ClientSampleId :
TP-23MS

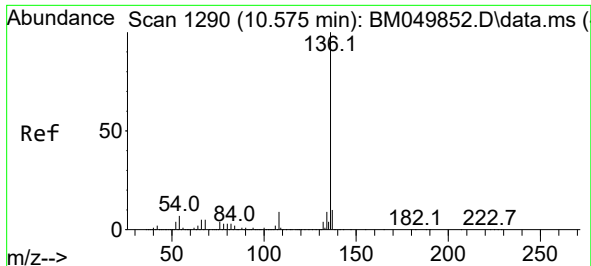
Tgt Ion: 70 Resp: 785482
Ion Ratio Lower Upper
70 100
42 50.1 40.2 60.2
101 9.7 7.9 11.9
130 22.6 17.7 26.5



#20
3+4-Methylphenols
Concen: 46.100 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion: 107 Resp: 1240039
Ion Ratio Lower Upper
107 100
108 90.1 69.6 109.6
77 32.5 11.7 51.7
79 27.9 7.3 47.3

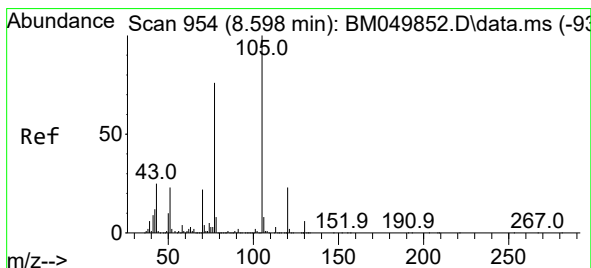
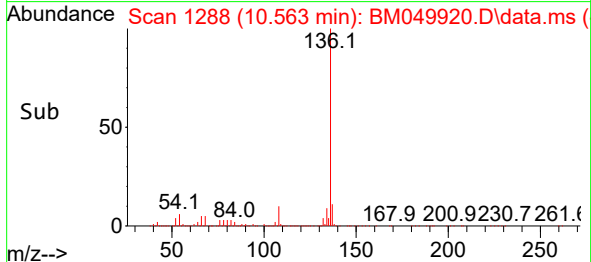
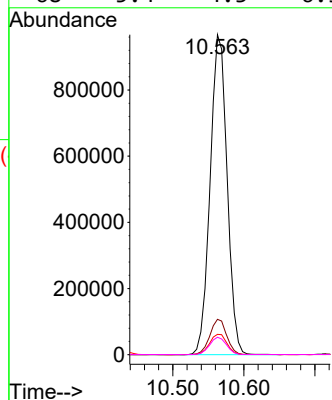
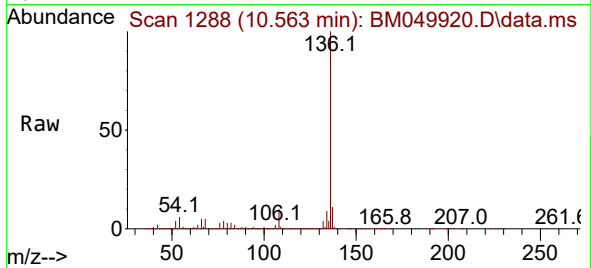




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

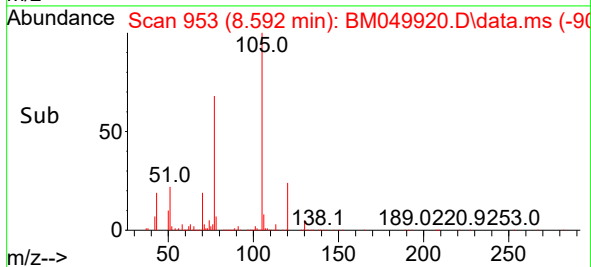
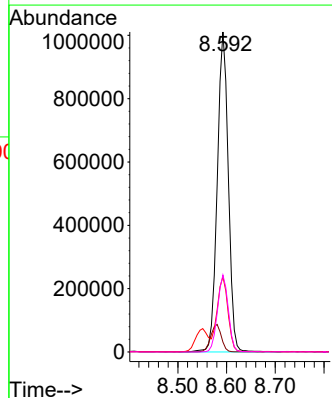
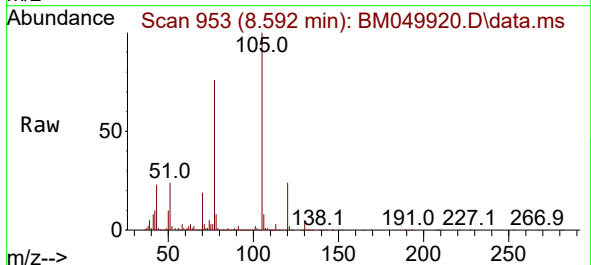
Instrument :
BNA_M
ClientSampleId :
TP-23MS

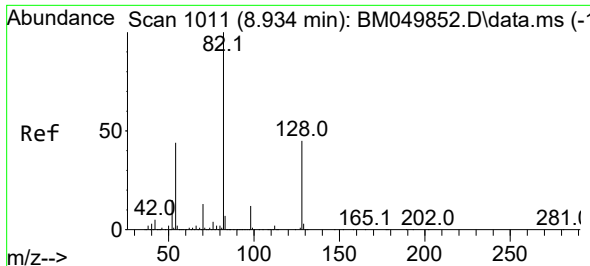
Tgt Ion:136 Resp: 1604018
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.3 5.3 7.9
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 40.641 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:105 Resp: 1584303
Ion Ratio Lower Upper
105 100
71 3.1 3.0 4.4
51 23.5 18.6 27.8
120 24.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 67.068 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

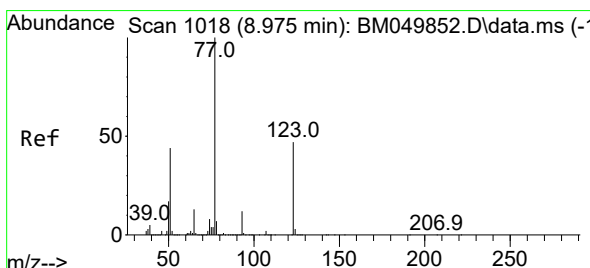
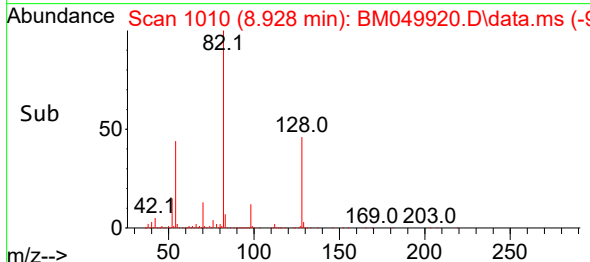
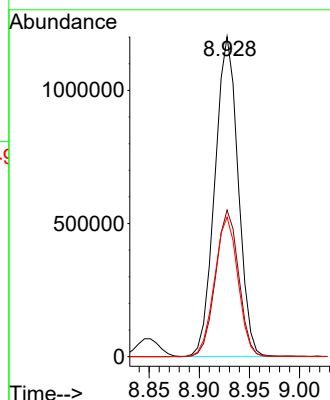
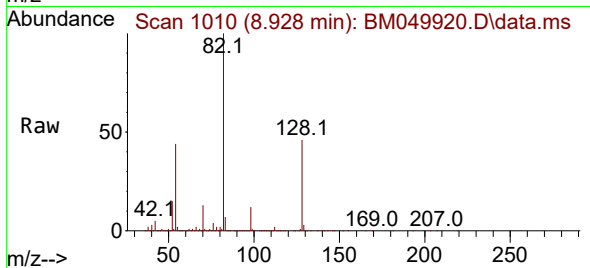
Tgt Ion: 82 Resp: 1931888

Ion Ratio Lower Upper

82 100

128 45.8 36.2 54.2

54 43.6 35.0 52.6



#24

Nitrobenzene

Concen: 40.586 ng

RT: 8.969 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

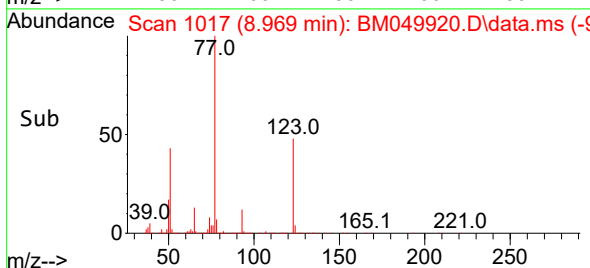
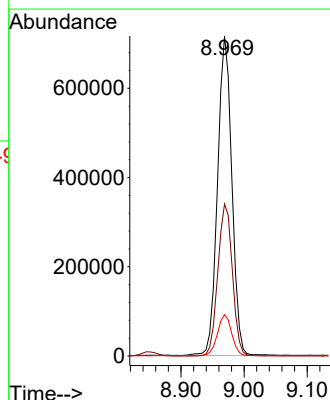
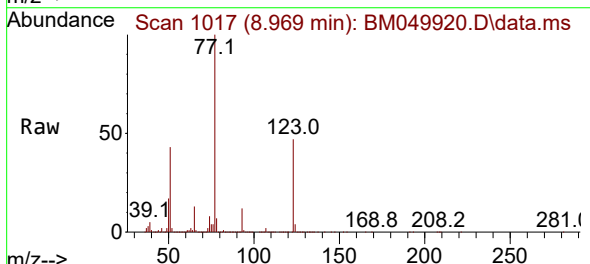
Tgt Ion: 77 Resp: 1125723

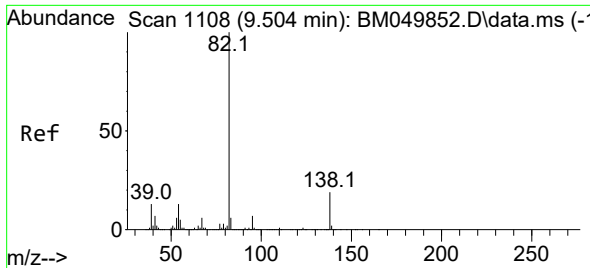
Ion Ratio Lower Upper

77 100

123 47.5 37.4 56.2

65 12.9 10.1 15.1

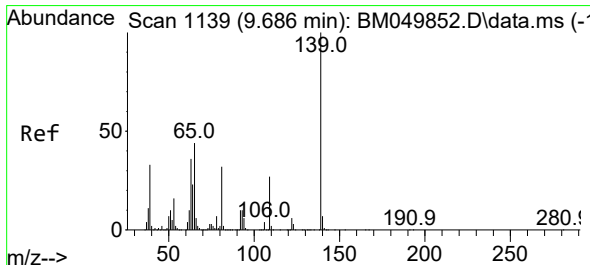
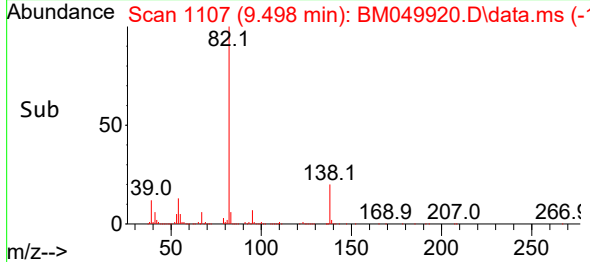
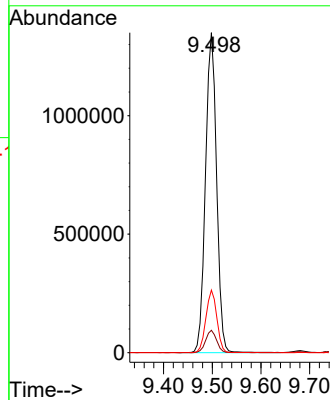
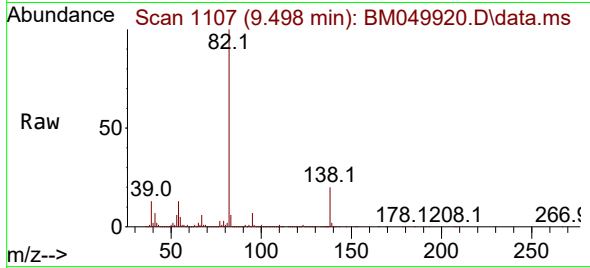




#25
Isophorone
Concen: 44.153 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

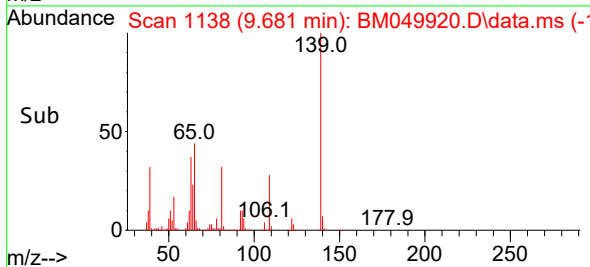
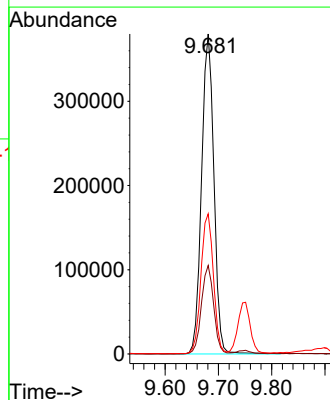
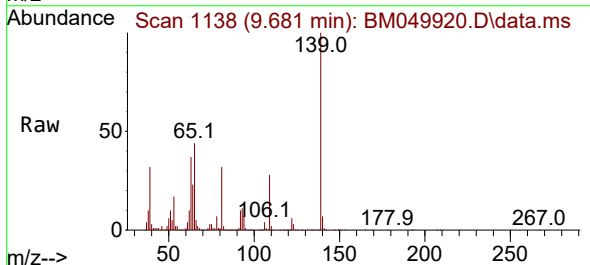
Instrument :
BNA_M
ClientSampleId :
TP-23MS

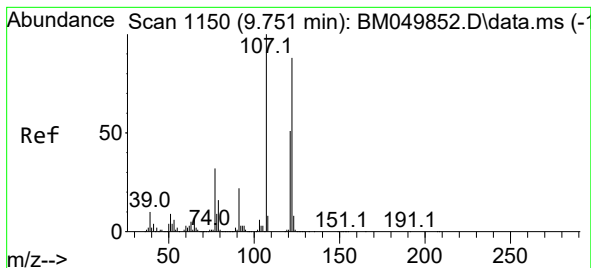
Tgt Ion: 82 Resp: 2130560
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.5 15.0 22.6



#26
2-Nitrophenol
Concen: 41.563 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion: 139 Resp: 611016
Ion Ratio Lower Upper
139 100
109 27.7 21.7 32.5
65 43.8 35.2 52.8

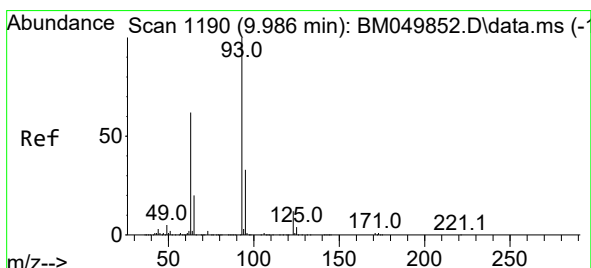
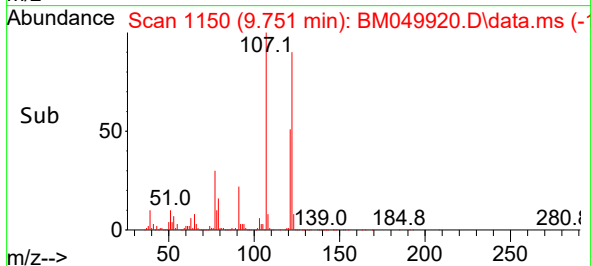
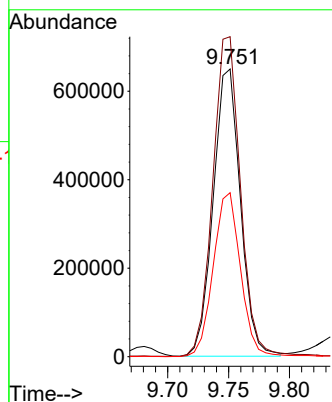
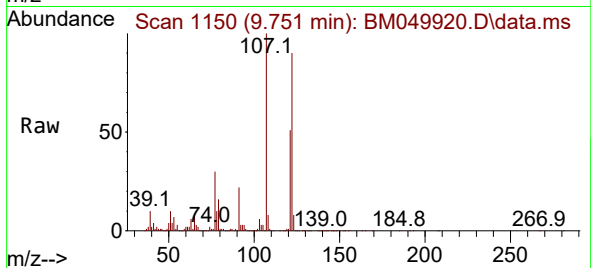




#27
2,4-Dimethylphenol
Concen: 60.749 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

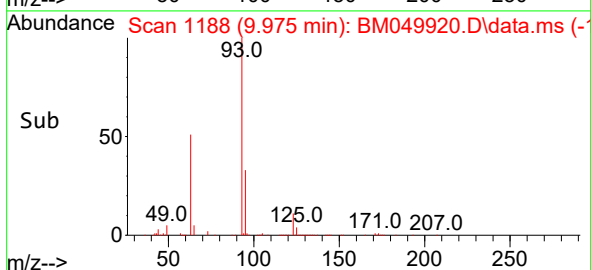
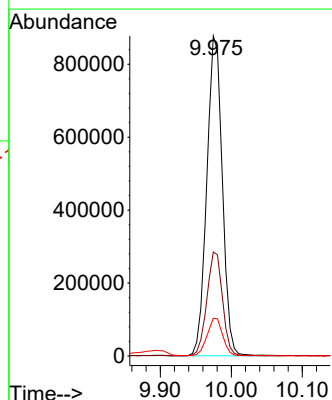
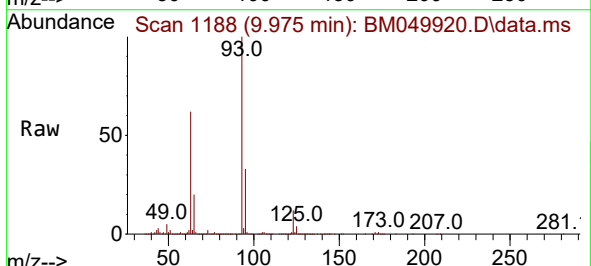
Instrument :
BNA_M
ClientSampleId :
TP-23MS

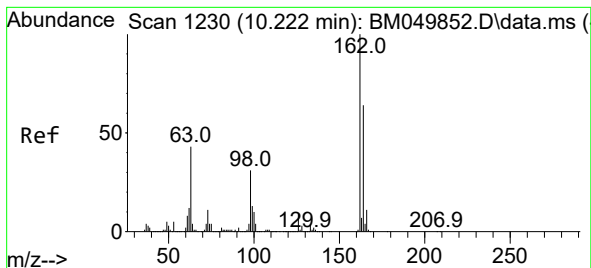
Tgt Ion:122 Resp: 1012091
Ion Ratio Lower Upper
122 100
107 111.2 90.3 135.5
121 57.0 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 41.397 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion: 93 Resp: 1337343
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.964 ng

RT: 10.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

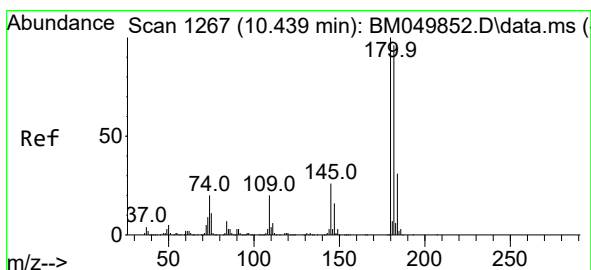
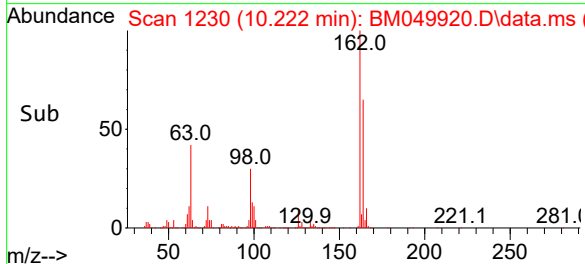
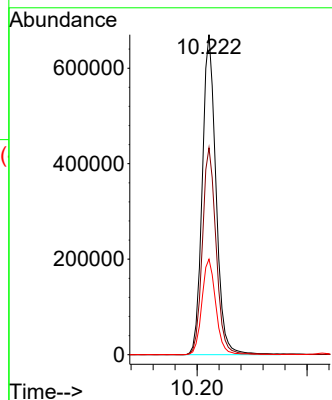
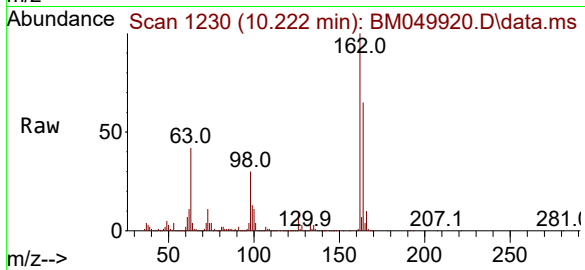
Tgt Ion:162 Resp: 1162147

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 29.9 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 41.492 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

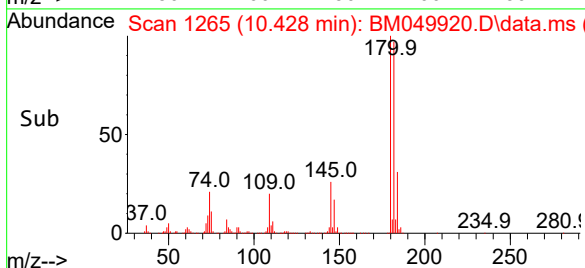
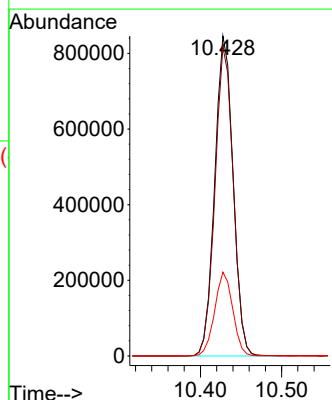
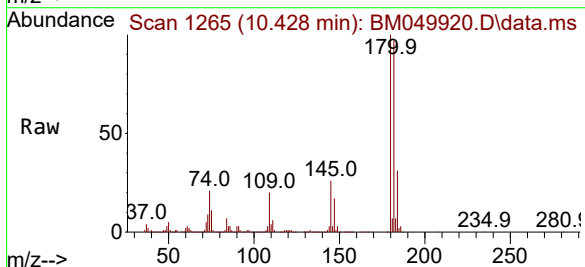
Tgt Ion:180 Resp: 1329309

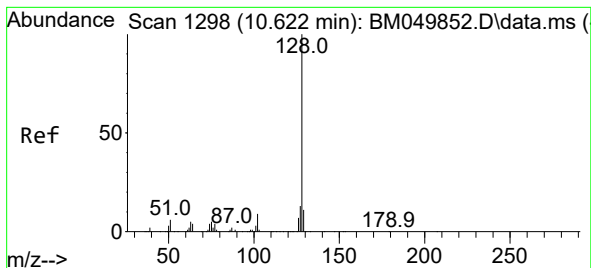
Ion Ratio Lower Upper

180 100

182 96.6 76.7 115.1

145 26.2 20.8 31.2





#31

Naphthalene

Concen: 39.846 ng

RT: 10.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

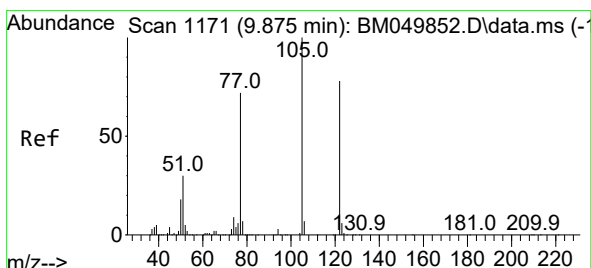
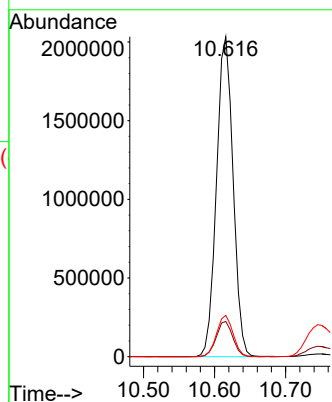
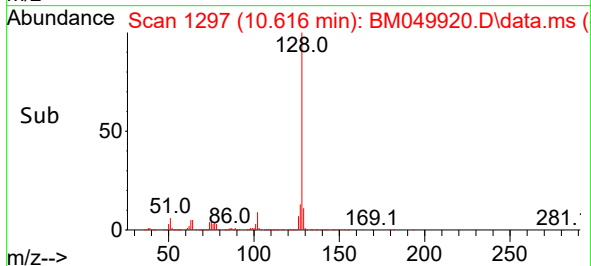
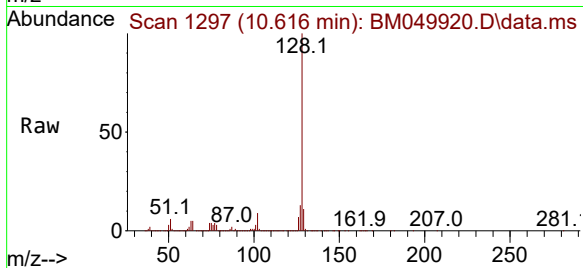
Tgt Ion:128 Resp: 3284177

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.9 10.6 15.8



#32

Benzoic acid

Concen: 33.513 ng

RT: 9.898 min Scan# 1175

Delta R.T. 0.023 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

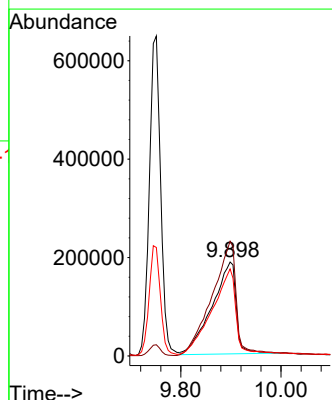
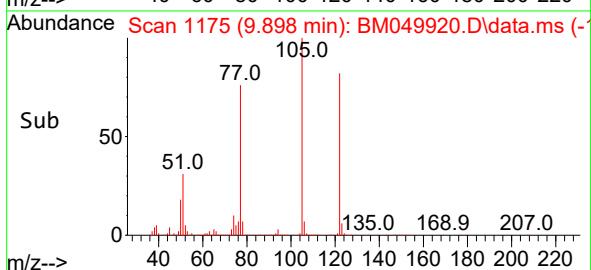
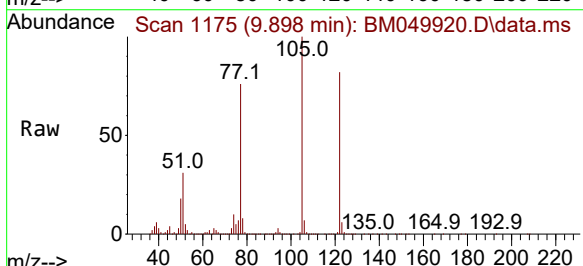
Tgt Ion:122 Resp: 627334

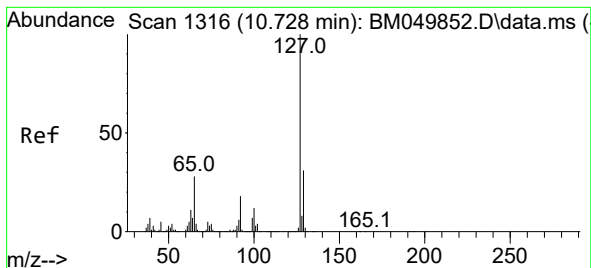
Ion Ratio Lower Upper

122 100

105 122.1 103.8 143.8

77 92.7 70.7 110.7





#33

4-Chloroaniline

Concen: 23.046 ng

RT: 10.745 min Scan# 1

Delta R.T. 0.018 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

Tgt Ion:127 Resp: 670729

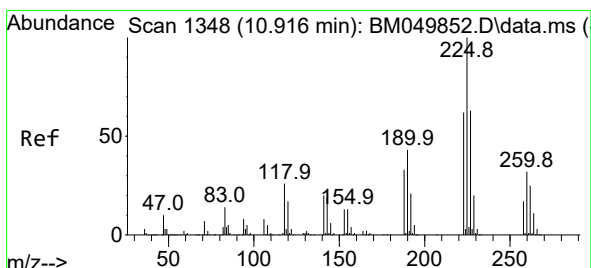
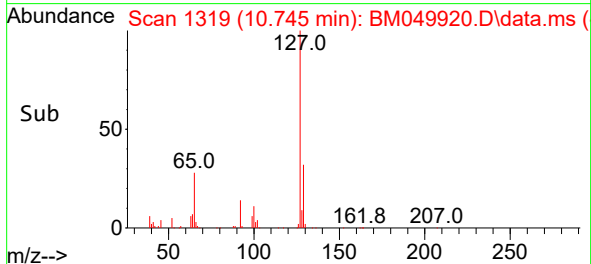
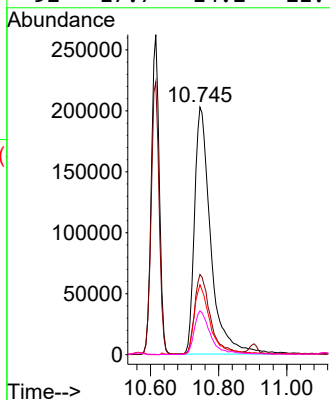
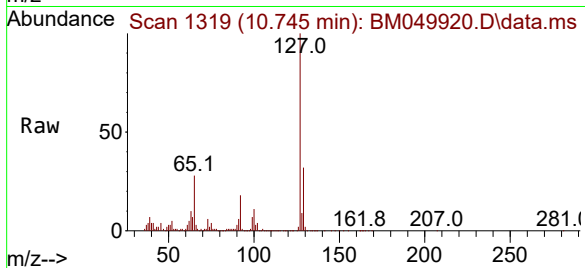
Ion Ratio Lower Upper

127 100

129 32.4 24.9 37.3

65 28.3 22.4 33.6

92 17.7 14.2 21.4



#34

Hexachlorobutadiene

Concen: 42.416 ng

RT: 10.904 min Scan# 1346

Delta R.T. -0.012 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

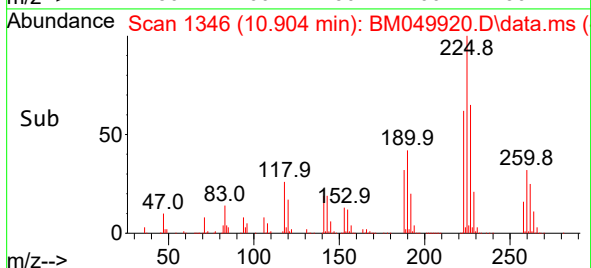
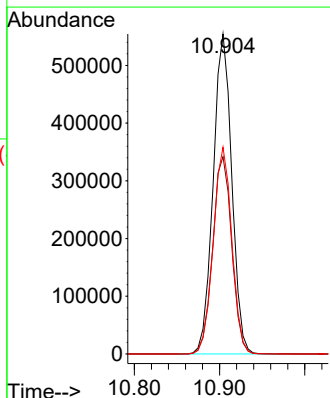
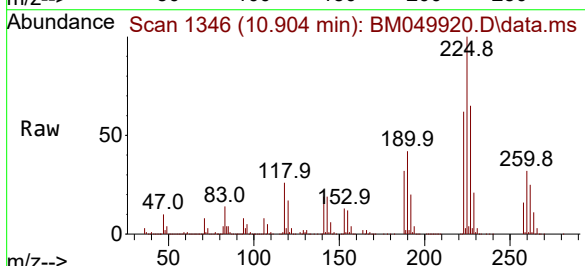
Tgt Ion:225 Resp: 840572

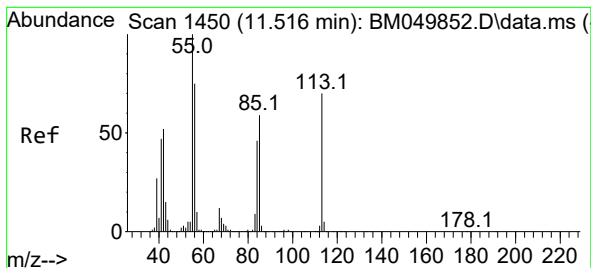
Ion Ratio Lower Upper

225 100

223 61.6 49.4 74.2

227 64.6 50.1 75.1





#35

Caprolactam

Concen: 40.084 ng

RT: 11.522 min Scan# 14

Delta R.T. 0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

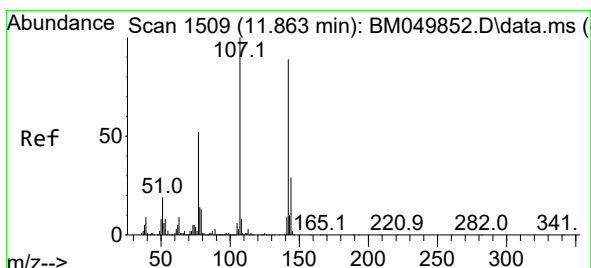
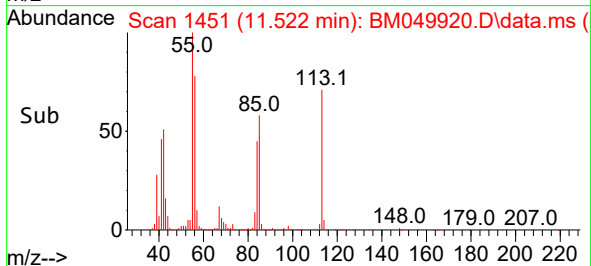
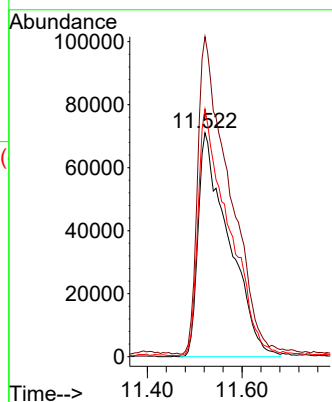
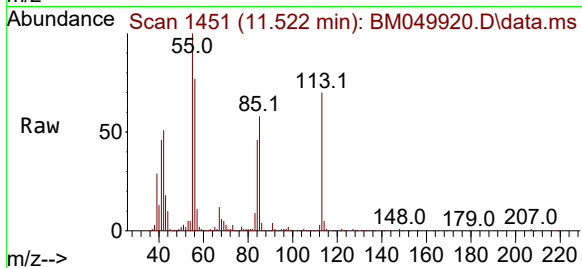
Tgt Ion:113 Resp: 318383

Ion Ratio Lower Upper

113 100

55 143.0 124.3 164.3

56 110.7 87.5 127.5



#36

4-Chloro-3-methylphenol

Concen: 41.670 ng

RT: 11.869 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

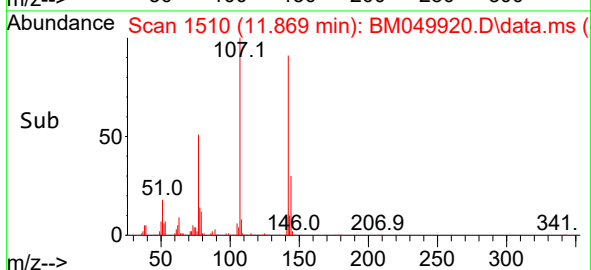
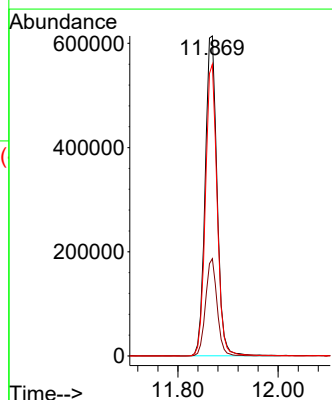
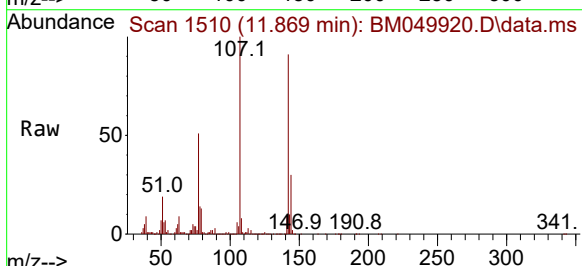
Tgt Ion:107 Resp: 1010853

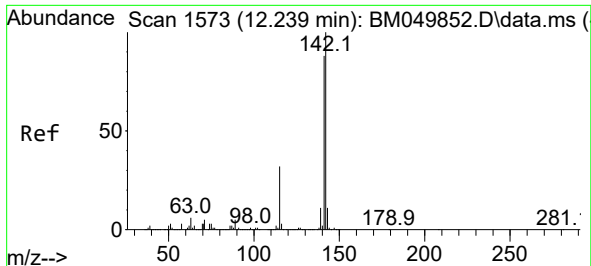
Ion Ratio Lower Upper

107 100

144 30.4 23.6 35.4

142 91.1 71.4 107.0

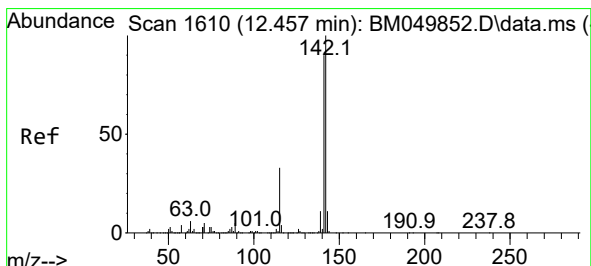
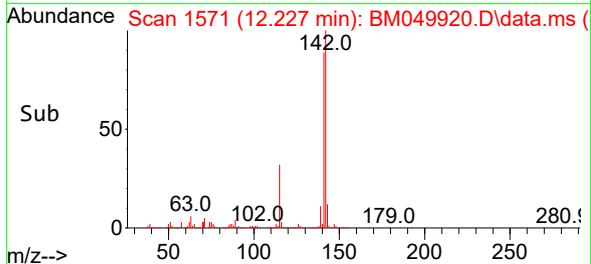
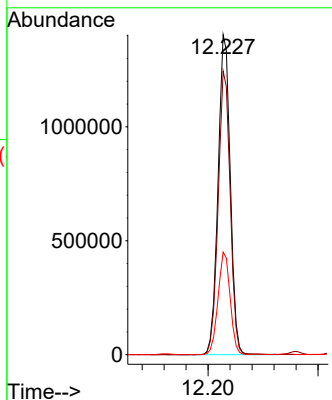
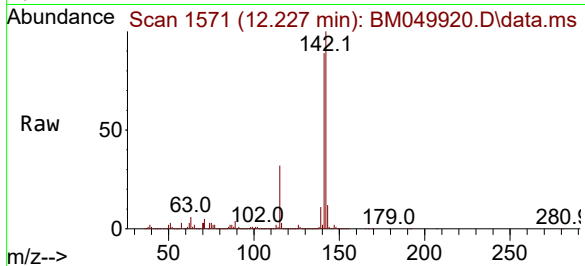




#37
2-Methylnaphthalene
Concen: 37.235 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

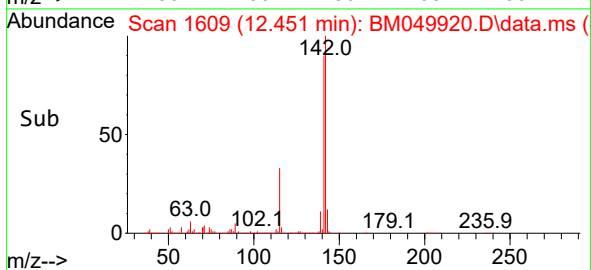
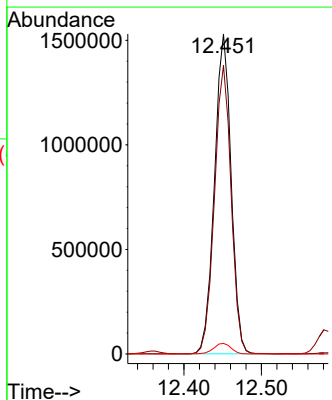
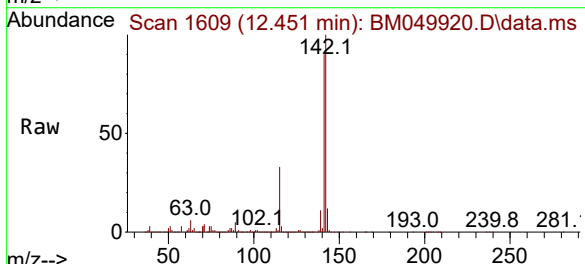
Instrument :
BNA_M
ClientSampleId :
TP-23MS

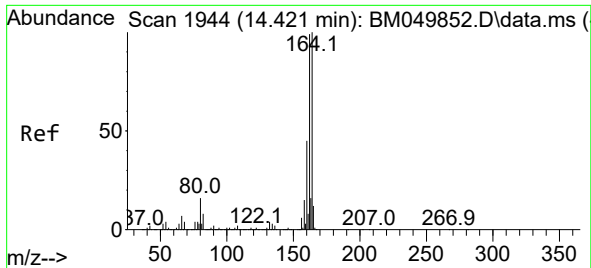
Tgt Ion:142 Resp: 2162229
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.2
115 32.1 25.4 38.2



#38
1-Methylnaphthalene
Concen: 40.343 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:142 Resp: 2282402
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2
116 3.3 2.9 4.3

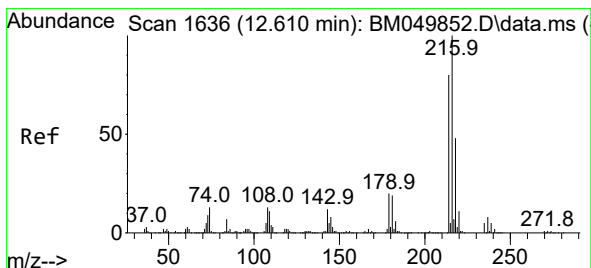
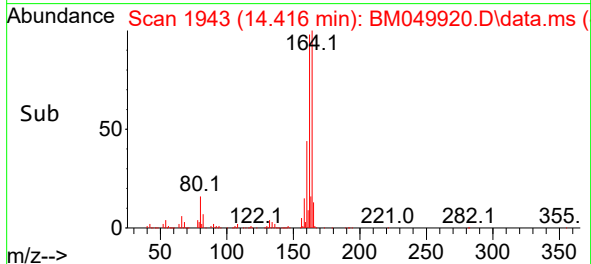
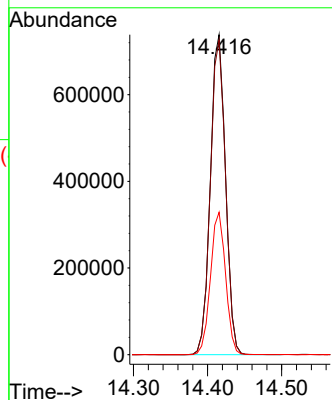
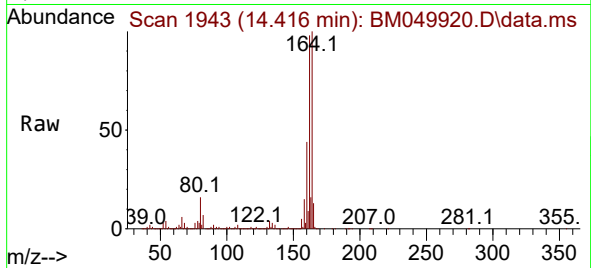




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

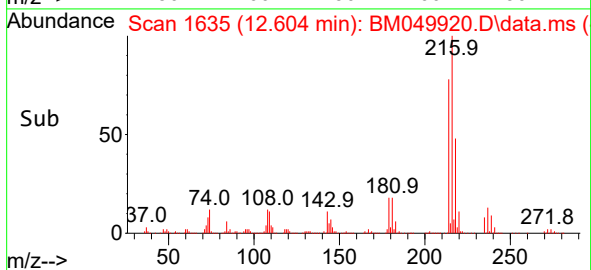
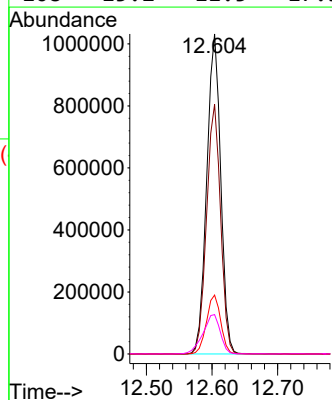
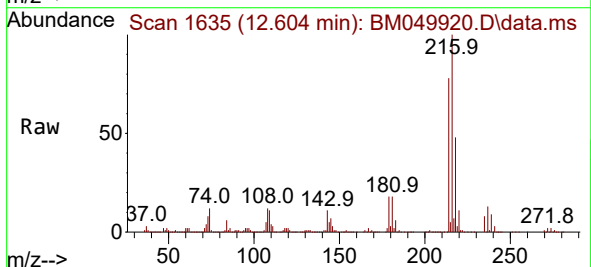
Instrument :
BNA_M
ClientSampleId :
TP-23MS

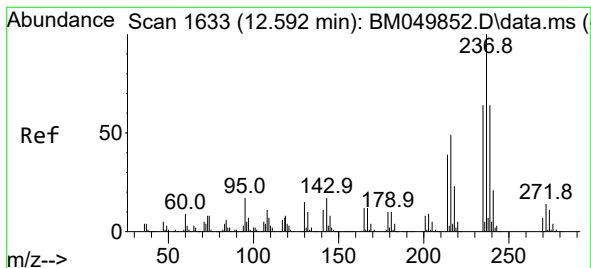
Tgt Ion:164 Resp: 1047299
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.0
160 44.5 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.767 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:216 Resp: 1530315
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 18.8 15.8 23.6
108 15.2 11.5 17.3





#41

Hexachlorocyclopentadiene

Concen: 134.681 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

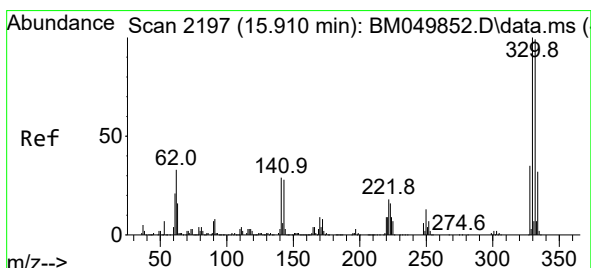
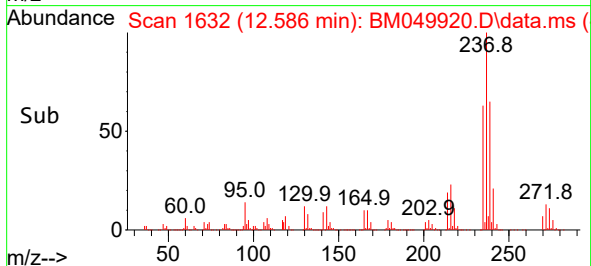
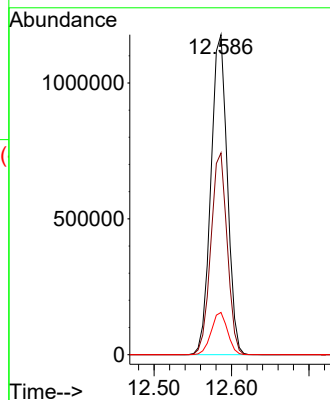
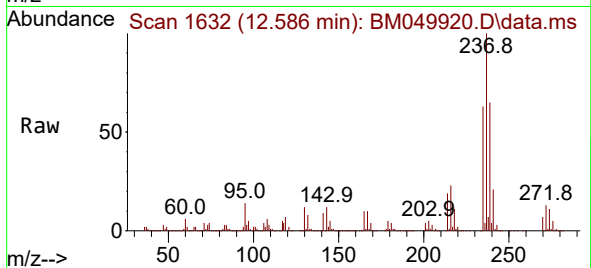
Tgt Ion:237 Resp: 1729119

Ion Ratio Lower Upper

237 100

235 63.0 43.7 83.7

272 13.2 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 107.777 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

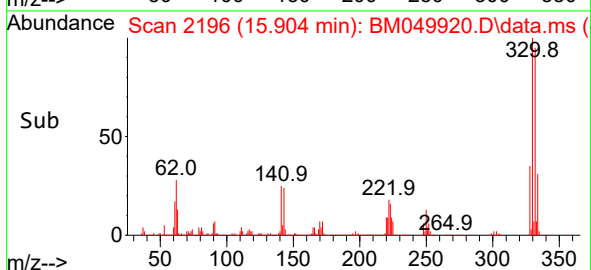
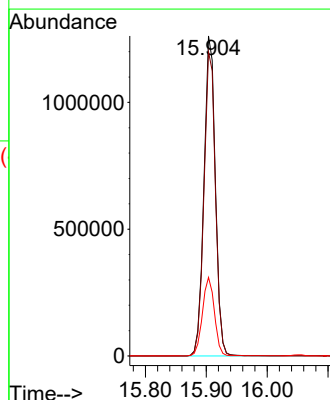
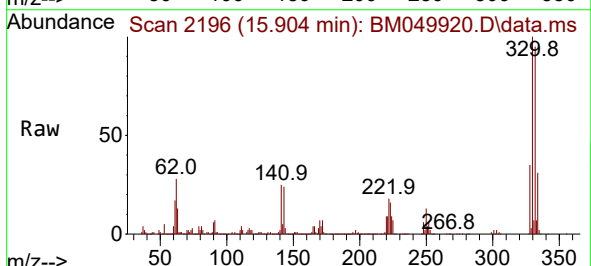
Tgt Ion:330 Resp: 1641809

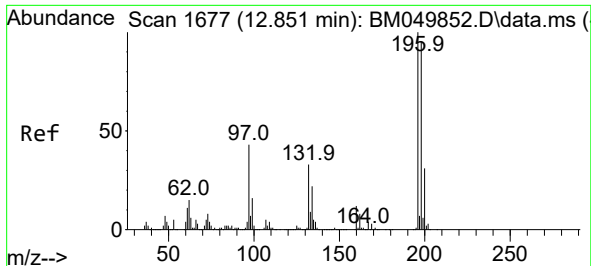
Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 25.7 23.5 35.3

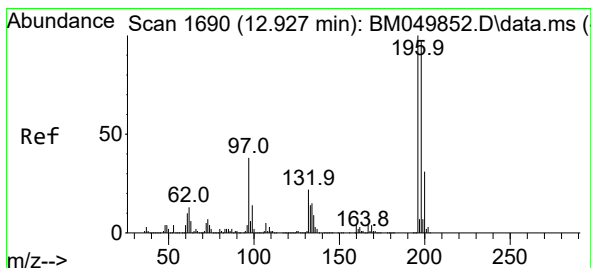
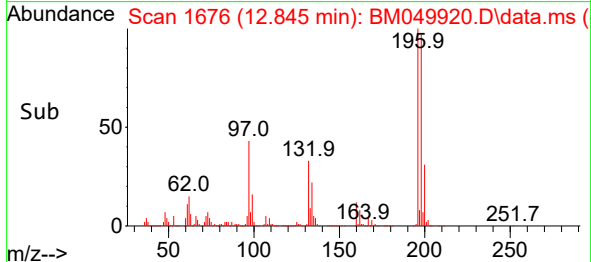
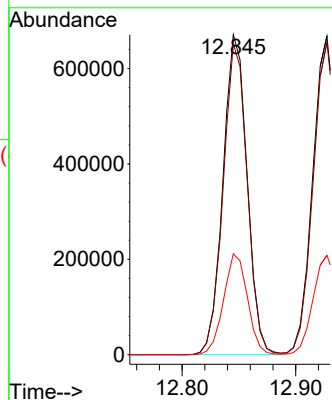
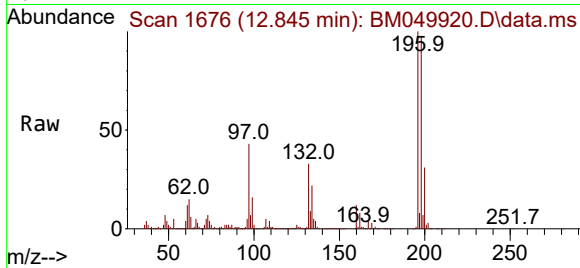




#43
2,4,6-Trichlorophenol
Concen: 42.511 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

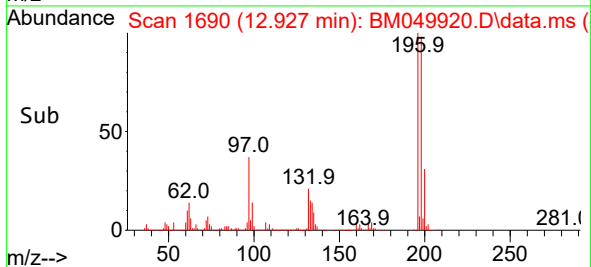
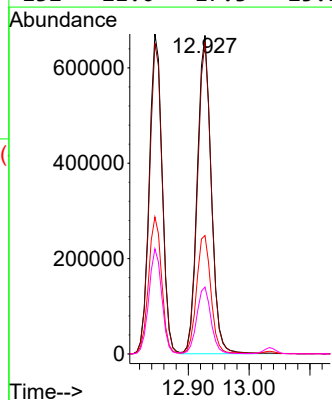
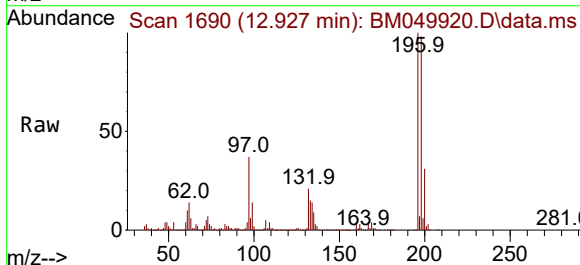
Instrument :
BNA_M
ClientSampleId :
TP-23MS

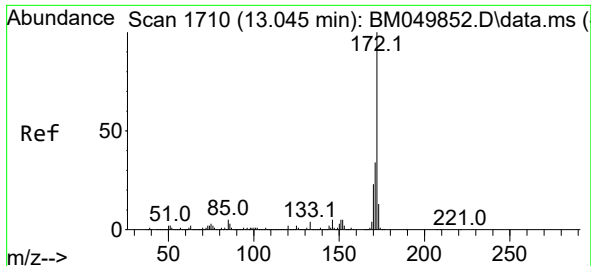
Tgt Ion:196 Resp: 991139
Ion Ratio Lower Upper
196 100
198 97.2 76.1 114.1
200 31.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.136 ng
RT: 12.927 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:196 Resp: 1067585
Ion Ratio Lower Upper
196 100
198 98.0 77.7 116.5
97 37.2 30.3 45.5
132 21.0 17.3 25.9

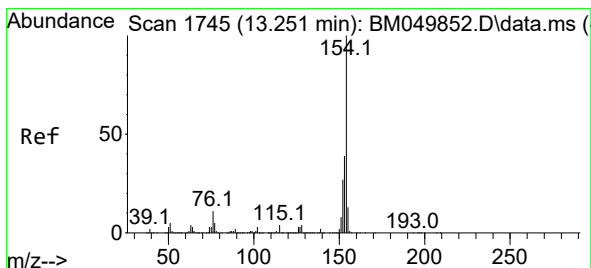
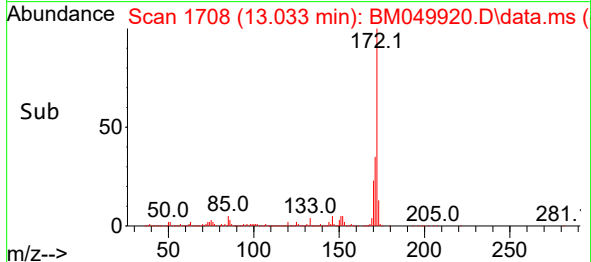
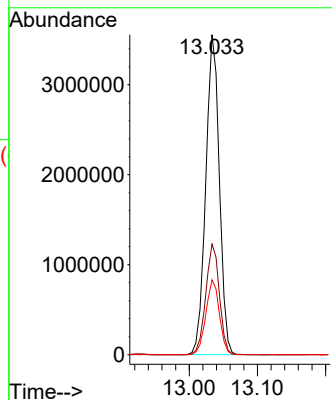
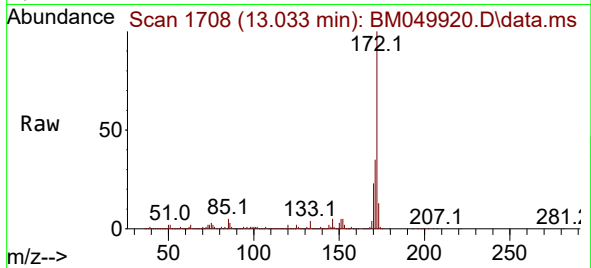




#45
2-Fluorobiphenyl
Concen: 63.746 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

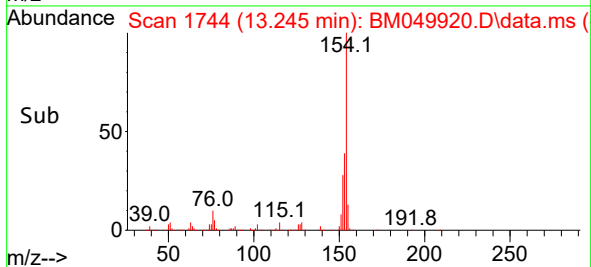
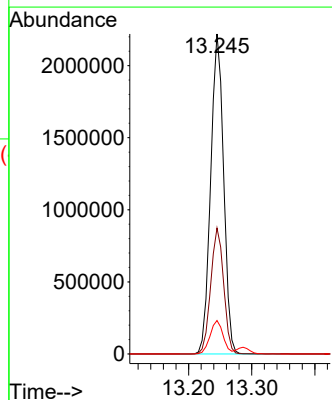
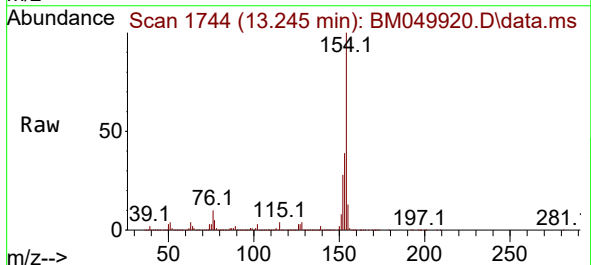
Instrument :
BNA_M
ClientSampleId :
TP-23MS

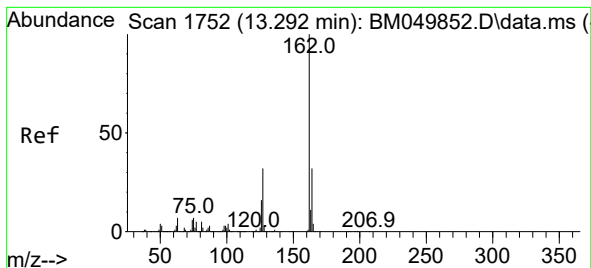
Tgt Ion:172 Resp: 4923310
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.2
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.640 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:154 Resp: 3163903
Ion Ratio Lower Upper
154 100
153 39.3 19.3 59.3
76 10.5 0.0 30.7





#47

2-Chloronaphthalene

Concen: 40.998 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

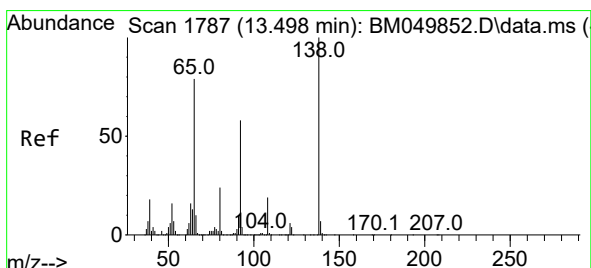
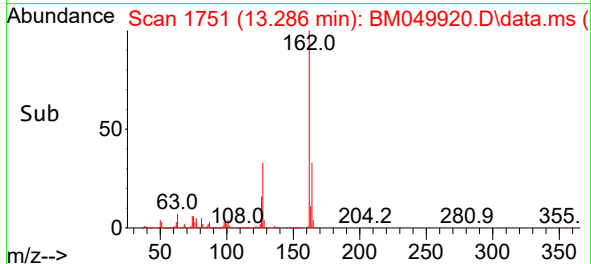
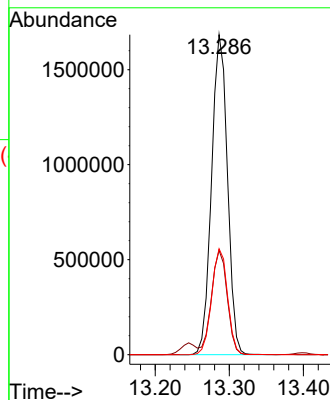
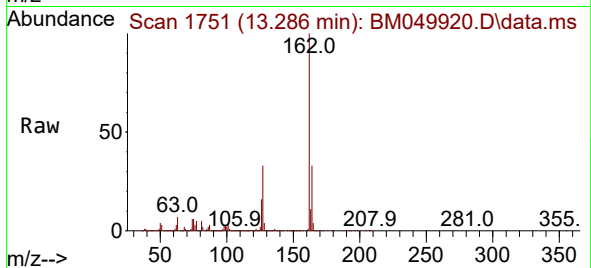
Tgt Ion:162 Resp: 2508729

Ion Ratio Lower Upper

162 100

127 32.6 26.0 39.0

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 42.536 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

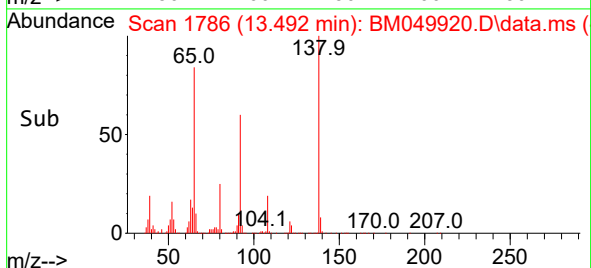
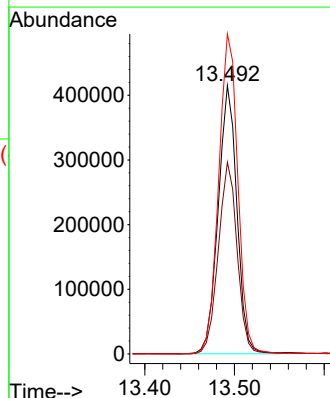
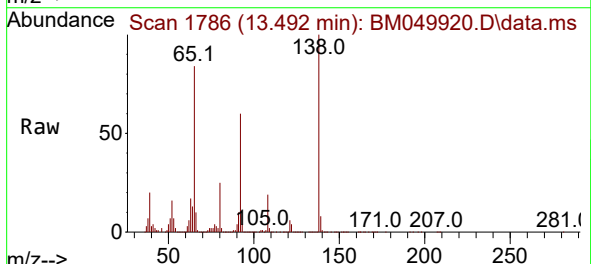
Tgt Ion: 65 Resp: 602156

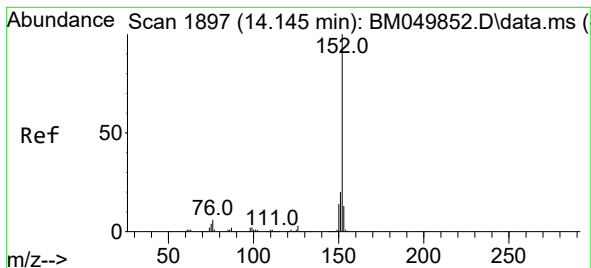
Ion Ratio Lower Upper

65 100

92 71.4 58.4 87.6

138 119.2 100.8 151.2





#49

Acenaphthylene

Concen: 43.922 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.012 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

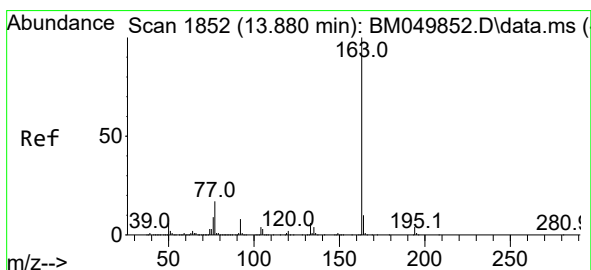
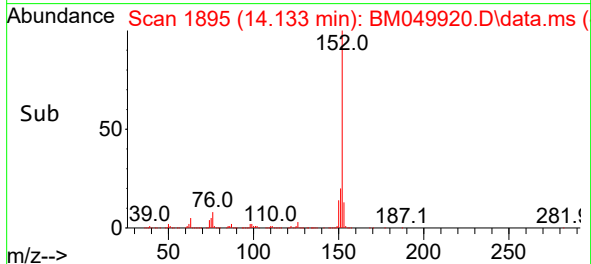
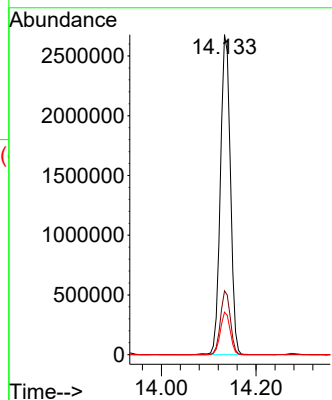
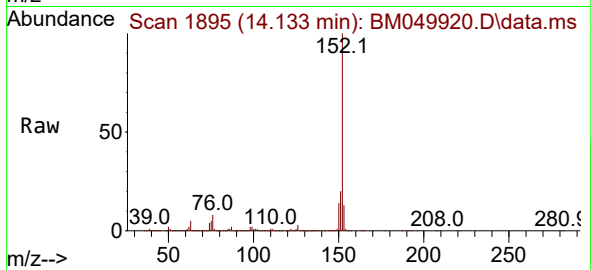
Tgt Ion:152 Resp: 3914984

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 40.078 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

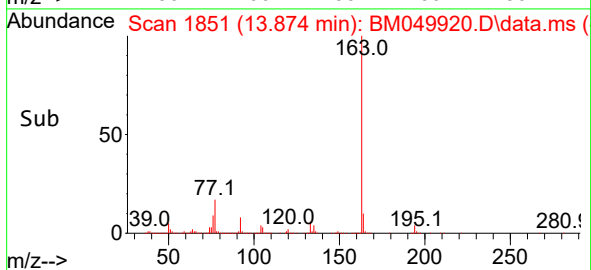
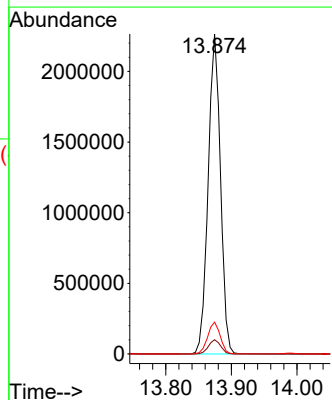
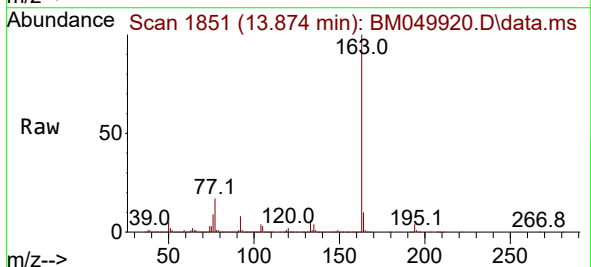
Tgt Ion:163 Resp: 2961172

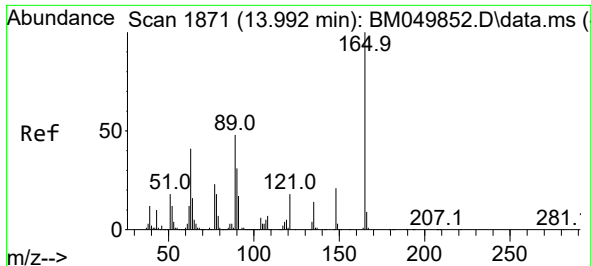
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.0 7.9 11.9

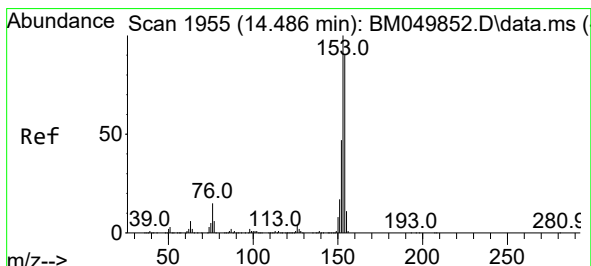
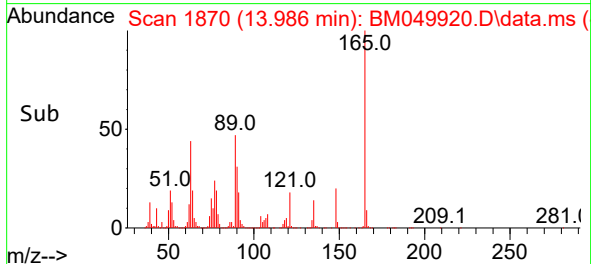
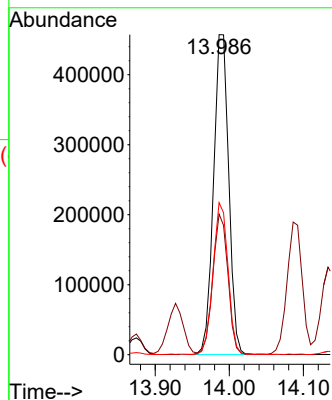
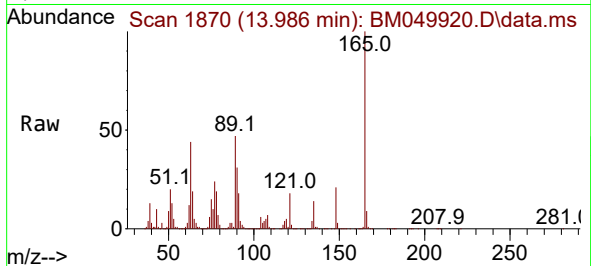




#51
2,6-Dinitrotoluene
Concen: 42.036 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

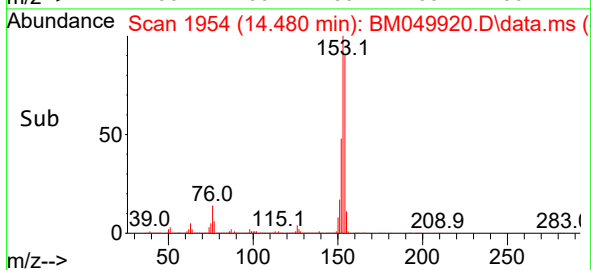
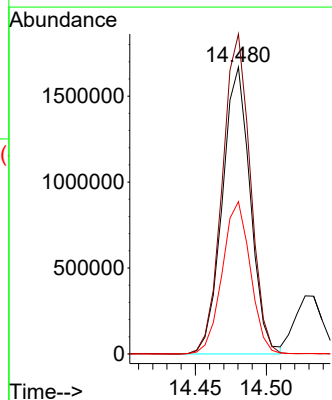
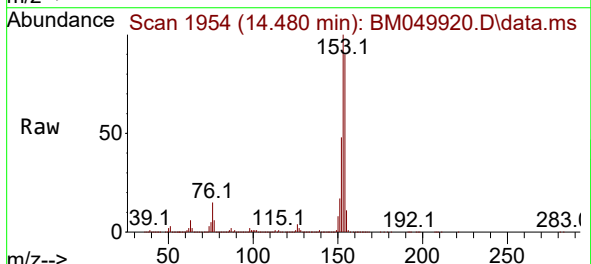
Instrument :
BNA_M
ClientSampleId :
TP-23MS

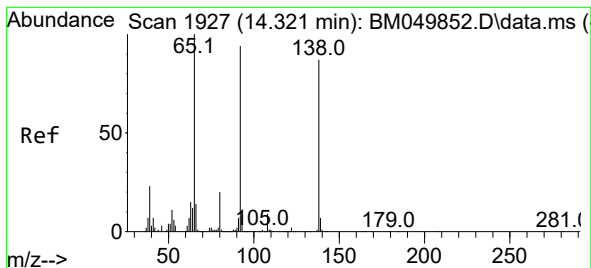
Tgt Ion:165 Resp: 650711
Ion Ratio Lower Upper
165 100
63 43.9 36.1 54.1
89 47.5 38.3 57.5



#52
Acenaphthene
Concen: 40.346 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:154 Resp: 2287458
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 53.1 42.2 63.2

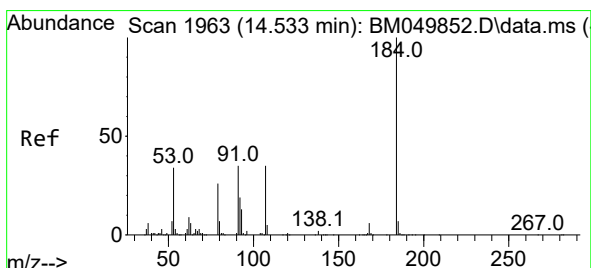
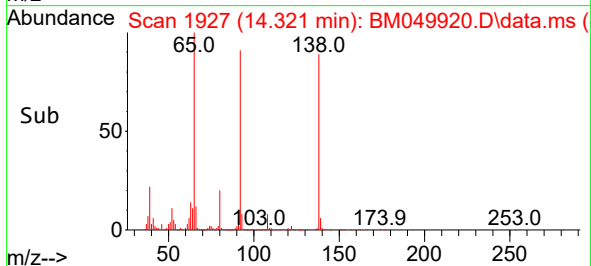
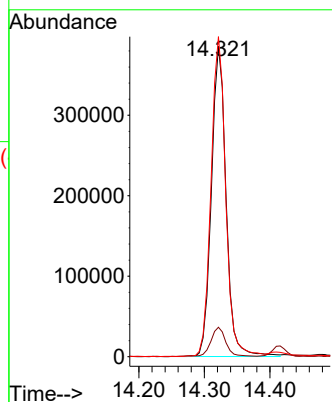
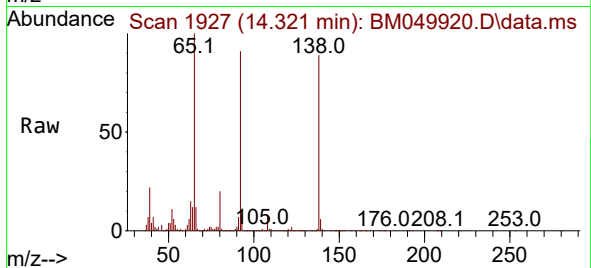




#53
3-Nitroaniline
Concen: 40.139 ng
RT: 14.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

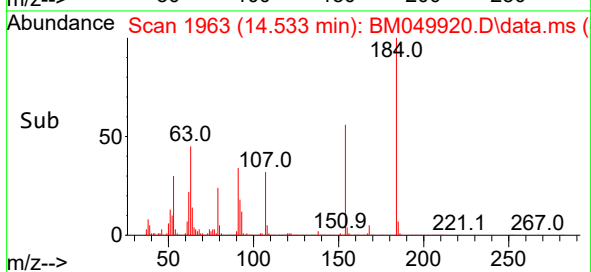
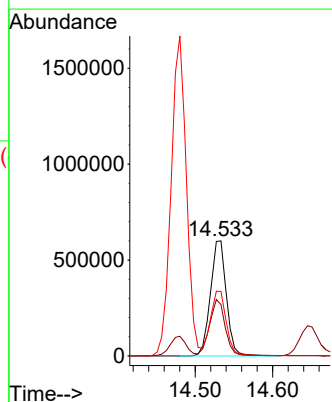
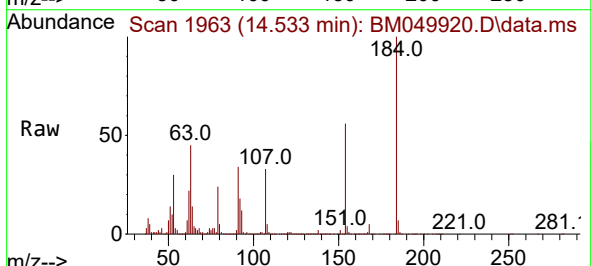
Instrument :
BNA_M
ClientSampleId :
TP-23MS

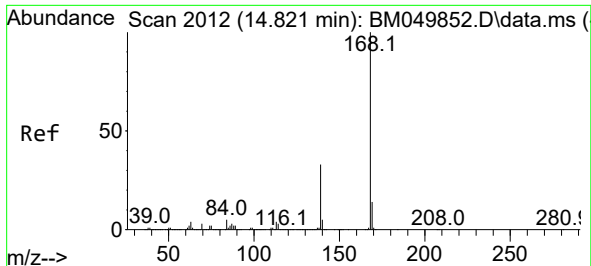
Tgt Ion:138 Resp: 600540
Ion Ratio Lower Upper
138 100
108 9.5 8.1 12.1
92 103.1 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 77.122 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:184 Resp: 861363
Ion Ratio Lower Upper
184 100
63 44.6 38.4 57.6
154 56.0 48.1 72.1

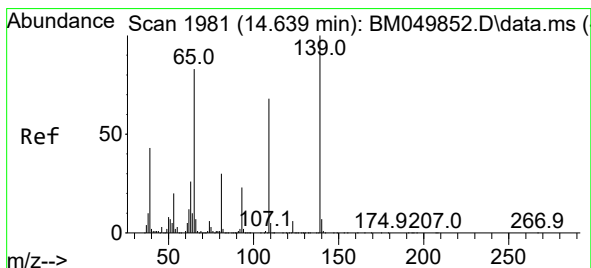
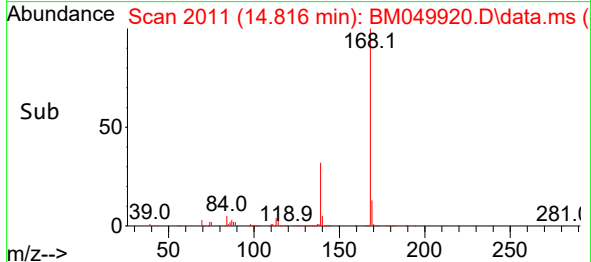
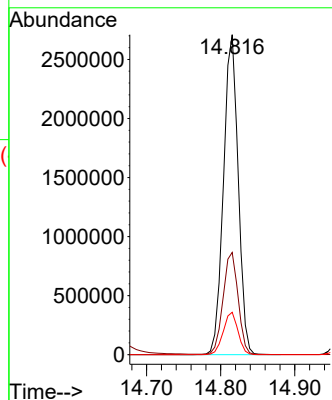
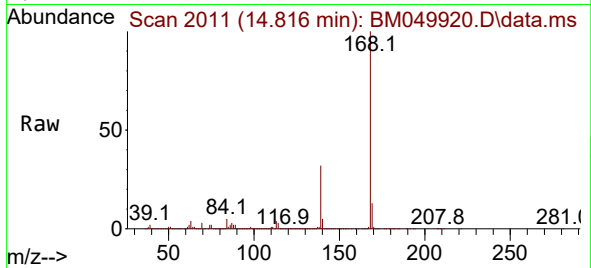




#55
Dibenzenofuran
Concen: 39.387 ng
RT: 14.816 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

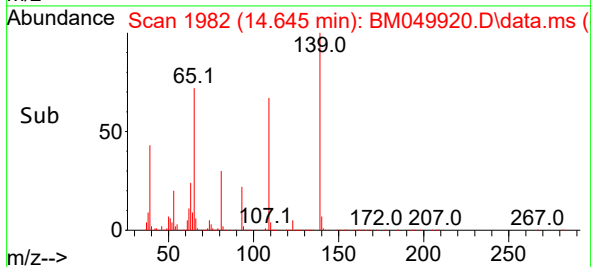
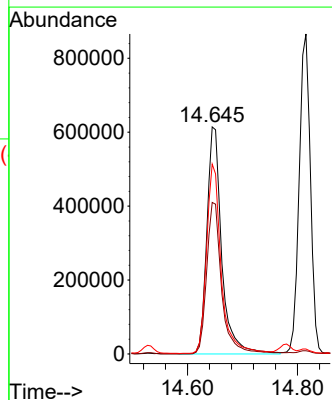
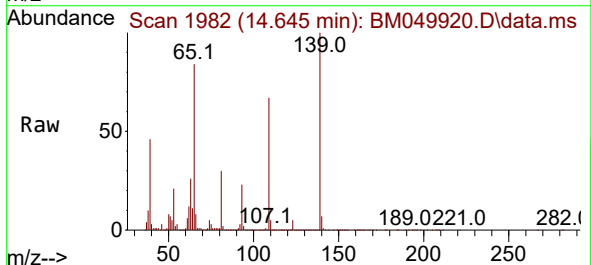
Instrument :
BNA_M
ClientSampleId :
TP-23MS

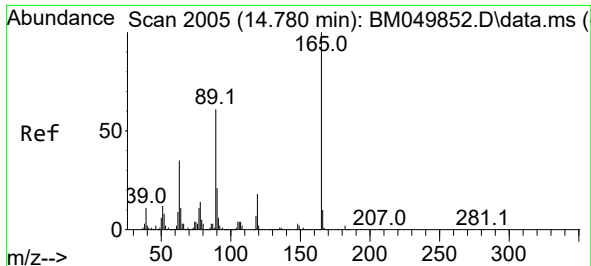
Tgt Ion:168 Resp: 3733116
Ion Ratio Lower Upper
168 100
139 32.0 26.6 39.8
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 86.332 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:139 Resp: 1151040
Ion Ratio Lower Upper
139 100
109 66.7 47.9 87.9
65 83.6 62.7 102.7





#57

2,4-Dinitrotoluene

Concen: 44.189 ng

RT: 14.780 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

Tgt Ion:165 Resp: 912566

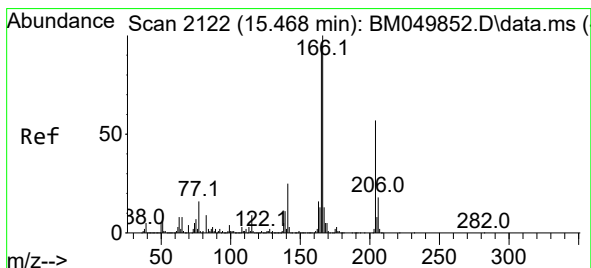
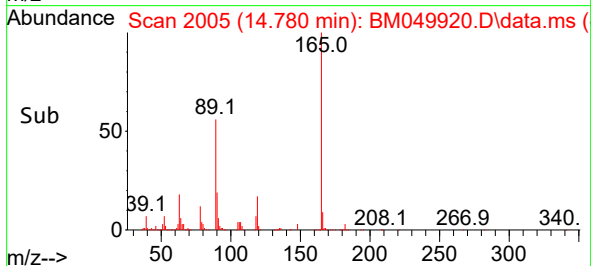
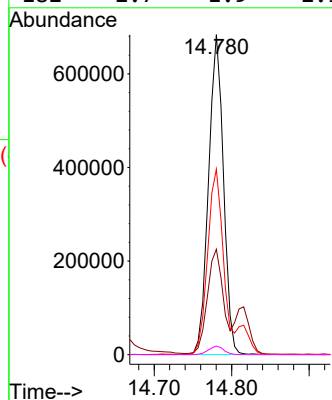
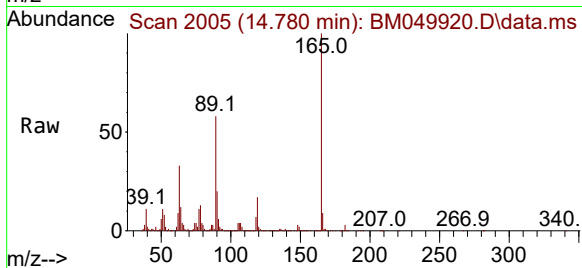
Ion Ratio Lower Upper

165 100

63 33.0 28.6 42.8

89 57.9 49.0 73.6

182 2.7 1.9 2.9



#58

Fluorene

Concen: 41.470 ng

RT: 15.463 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

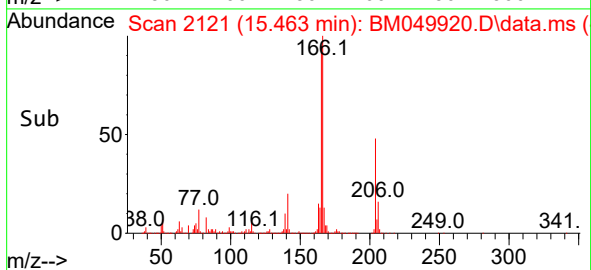
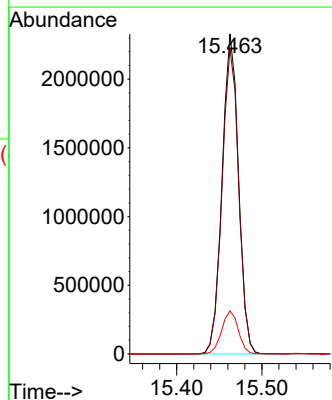
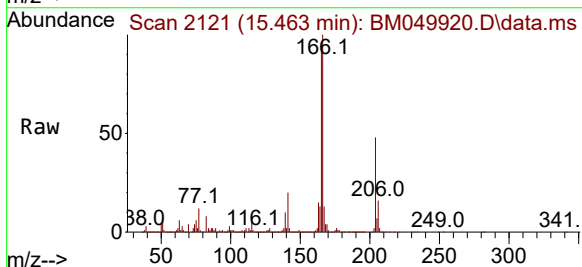
Tgt Ion:166 Resp: 3124309

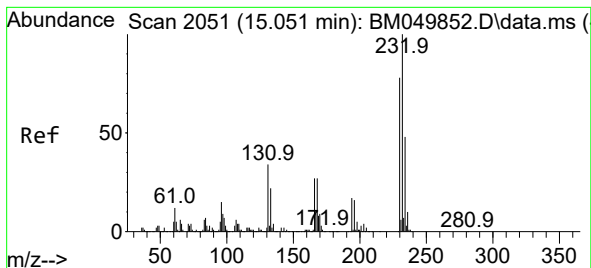
Ion Ratio Lower Upper

166 100

165 95.5 76.3 114.5

167 13.5 10.7 16.1

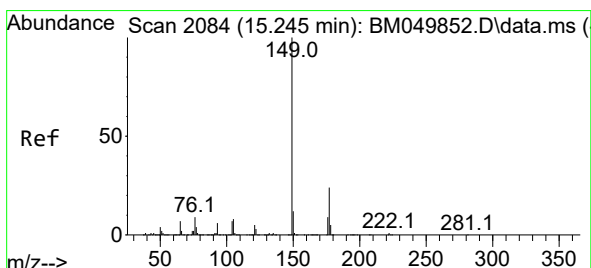
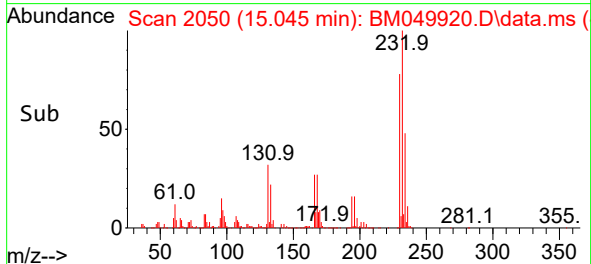
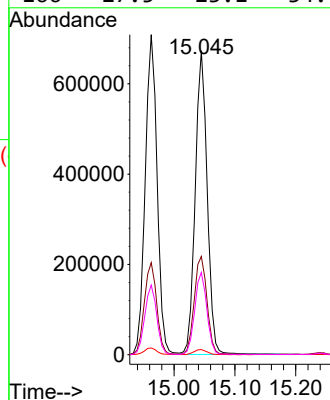
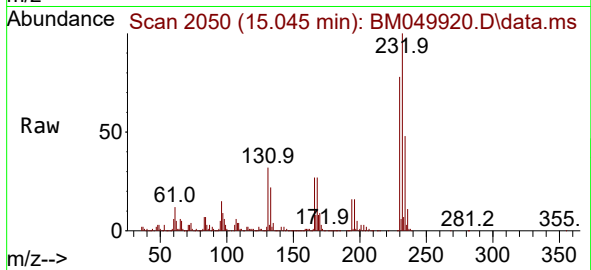




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.250 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

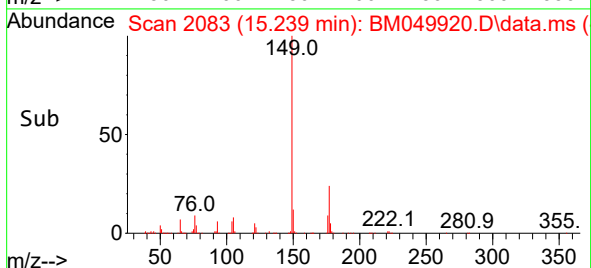
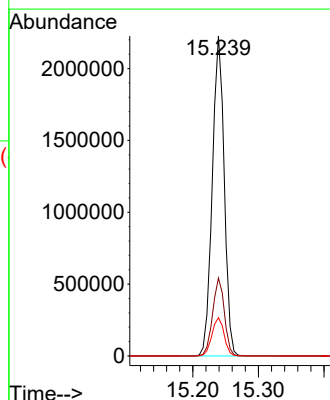
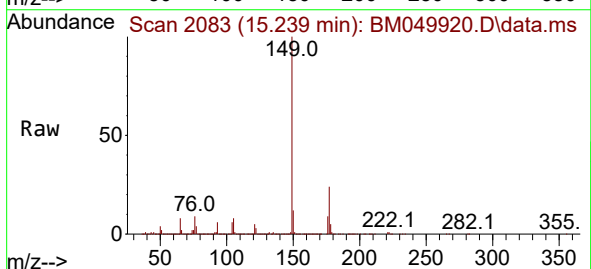
Instrument :
BNA_M
ClientSampleId :
TP-23MS

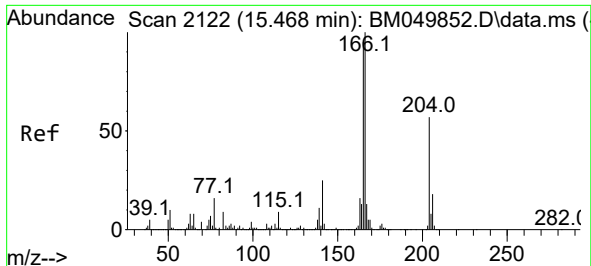
Tgt Ion:232 Resp: 916022
Ion Ratio Lower Upper
232 100
131 34.4 28.4 42.6
130 1.9 1.6 2.4
166 27.5 23.1 34.7



#60
Diethylphthalate
Concen: 39.724 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:149 Resp: 2814648
Ion Ratio Lower Upper
149 100
177 24.4 19.0 28.4
150 12.0 9.7 14.5

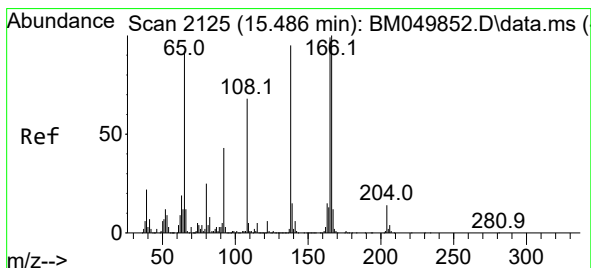
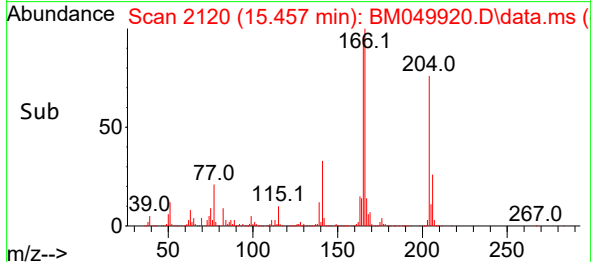
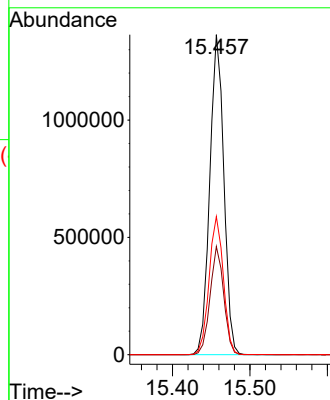
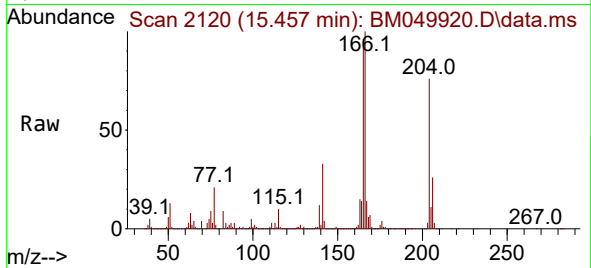




#61
4-Chlorophenyl-phenylether
Concen: 42.522 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

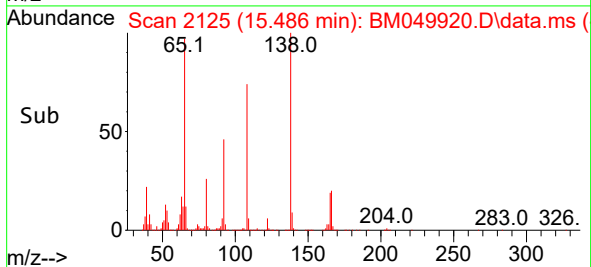
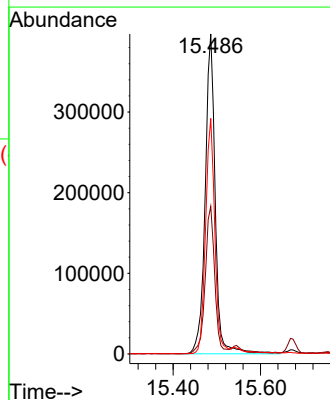
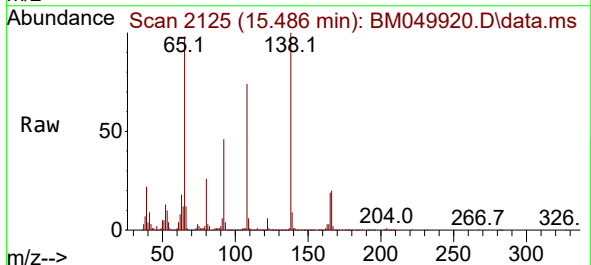
Instrument :
BNA_M
ClientSampleId :
TP-23MS

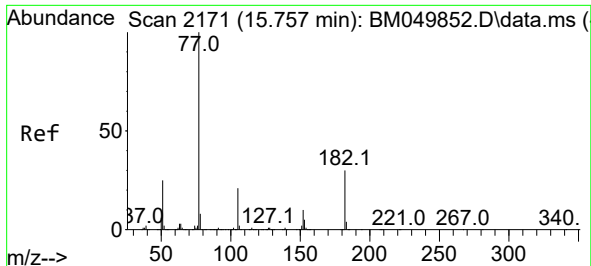
Tgt Ion:204 Resp: 1717543
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 43.1 35.0 52.6



#62
4-Nitroaniline
Concen: 41.227 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:138 Resp: 637874
Ion Ratio Lower Upper
138 100
92 46.1 24.9 64.9
108 73.6 51.7 91.7

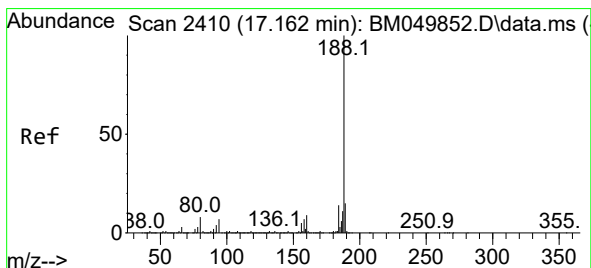
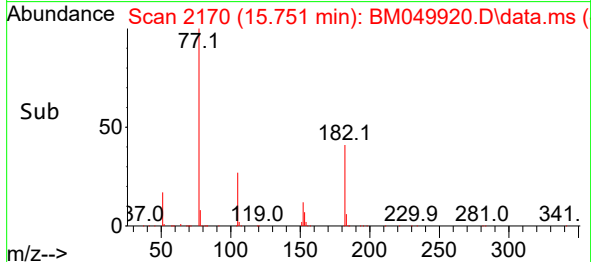
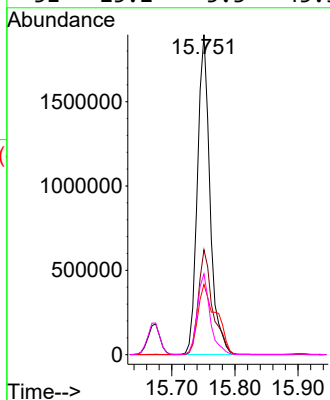
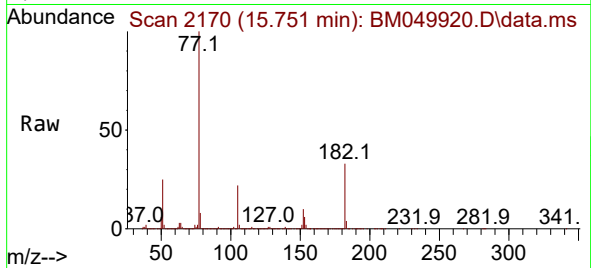




#63
Azobenzene
Concen: 43.083 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

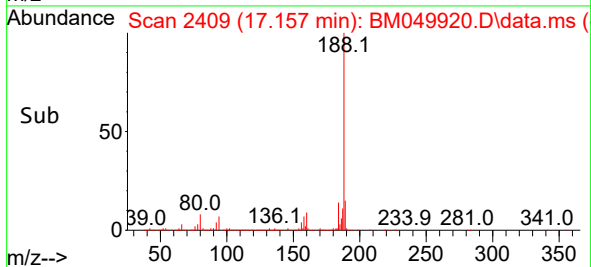
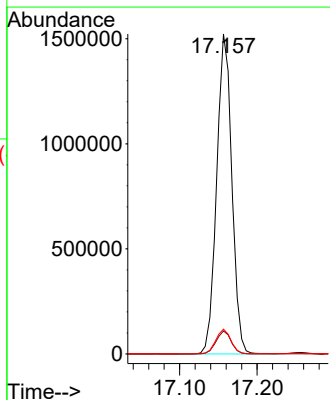
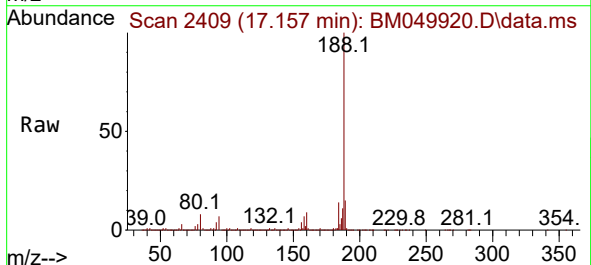
Instrument :
BNA_M
ClientSampleId :
TP-23MS

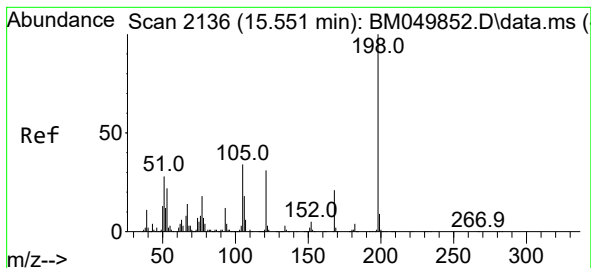
Tgt Ion: 77 Resp: 2613551
Ion Ratio Lower Upper
77 100
182 32.8 10.4 50.4
105 22.0 1.5 41.5
51 25.2 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:188 Resp: 2068860
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 7.8 6.4 9.6

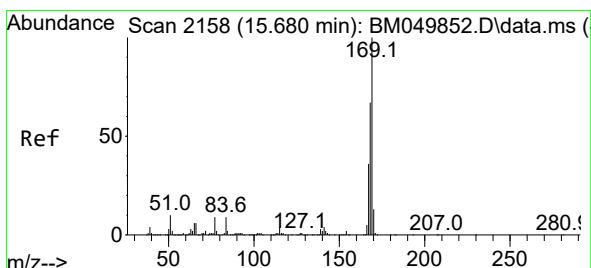
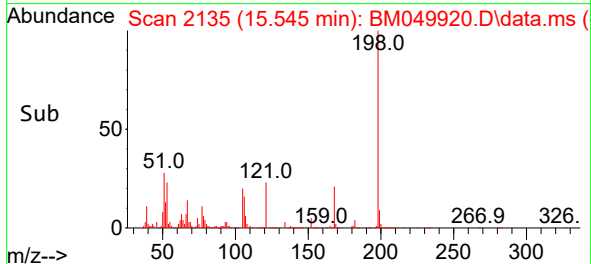
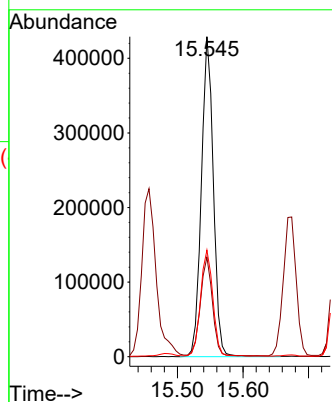
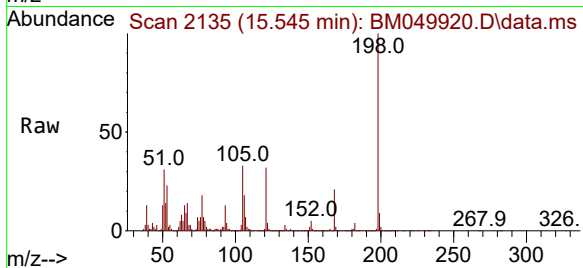




#65
4,6-Dinitro-2-methylphenol
Concen: 41.978 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

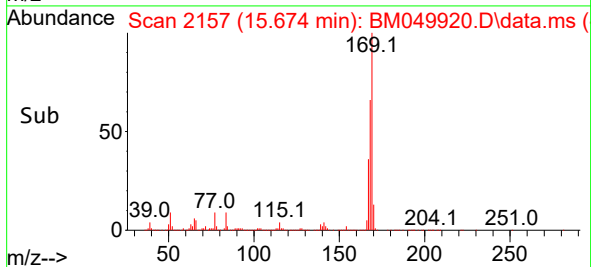
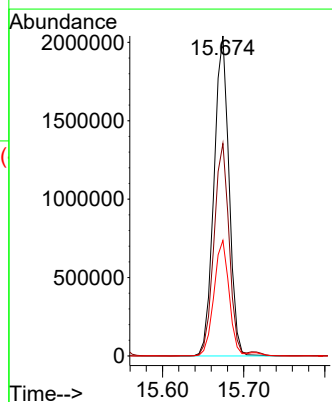
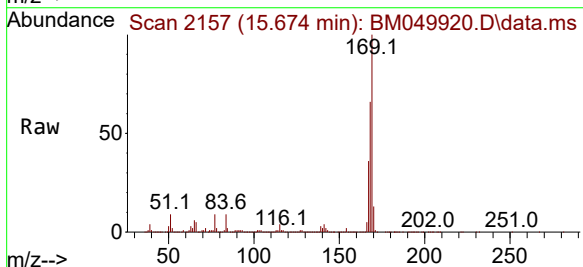
Instrument :
BNA_M
ClientSampleId :
TP-23MS

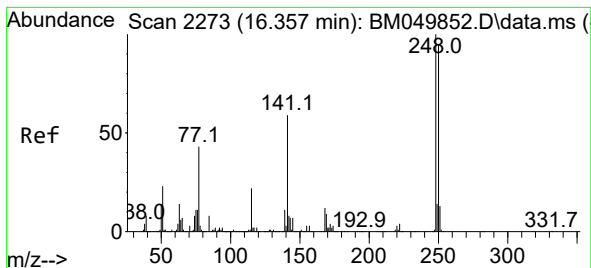
Tgt Ion:198 Resp: 547265
Ion Ratio Lower Upper
198 100
51 31.1 9.6 49.6
105 33.3 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 42.376 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:169 Resp: 2623640
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.1 29.0 43.6

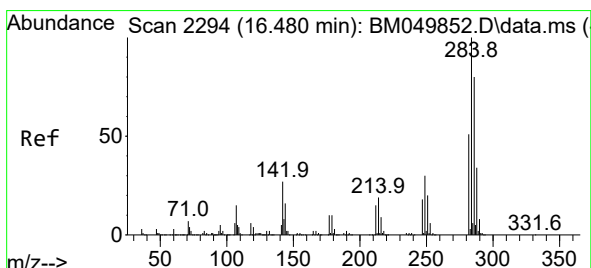
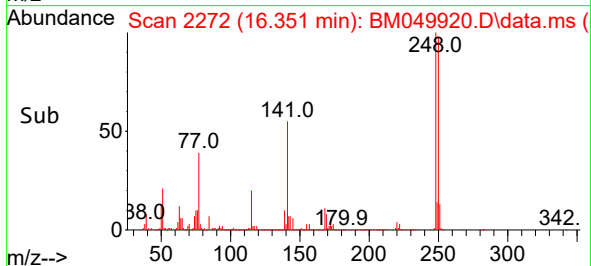
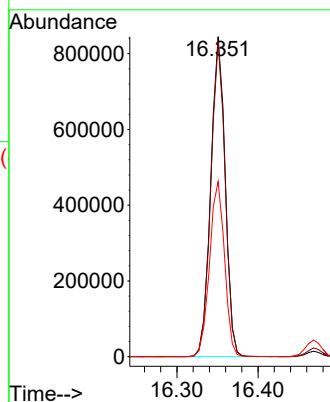
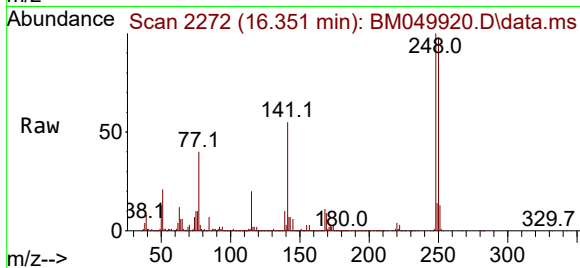




#67
4-Bromophenyl-phenylether
Concen: 43.410 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

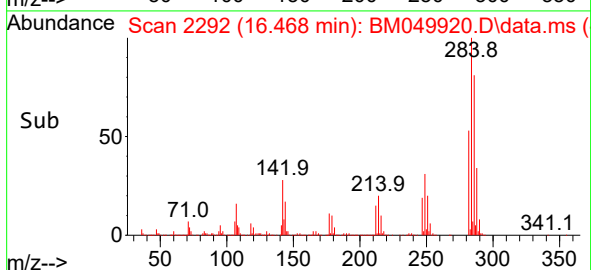
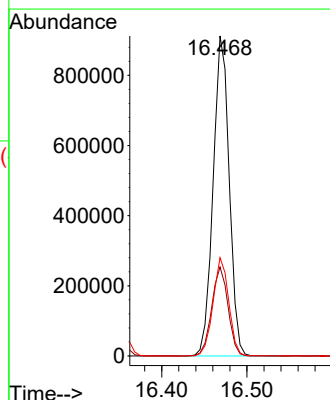
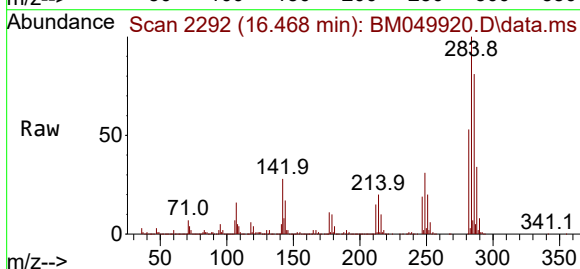
Instrument :
BNA_M
ClientSampleId :
TP-23MS

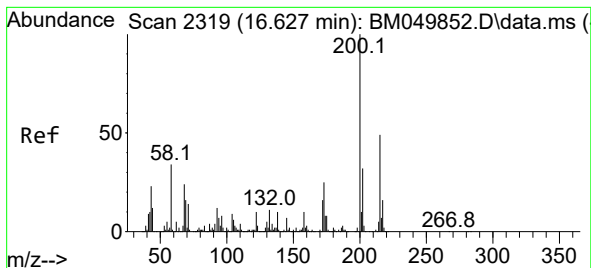
Tgt Ion:248 Resp: 1042575
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 54.8 47.3 70.9



#68
Hexachlorobenzene
Concen: 43.369 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:284 Resp: 1194738
Ion Ratio Lower Upper
284 100
142 27.8 21.2 31.8
249 30.7 24.1 36.1





#69

Atrazine

Concen: 59.335 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

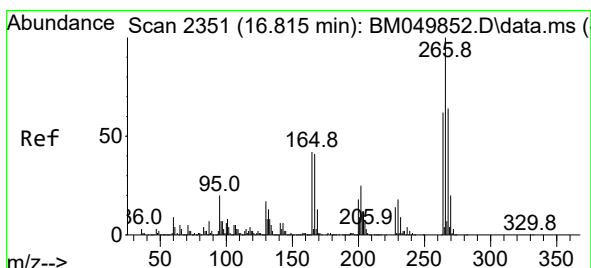
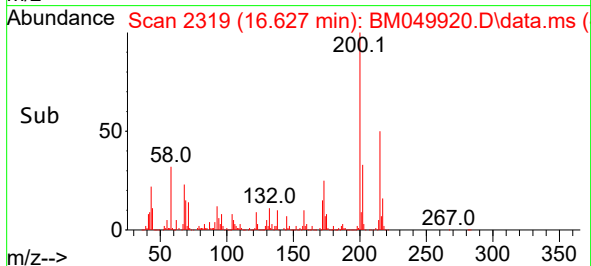
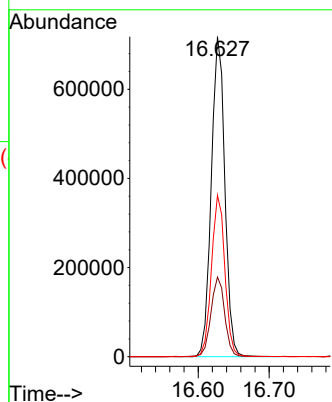
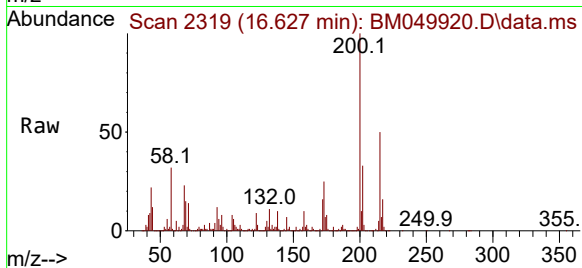
Tgt Ion:200 Resp: 952503

Ion Ratio Lower Upper

200 100

173 24.9 5.4 45.4

215 50.5 29.0 69.0



#70

Pentachlorophenol

Concen: 86.632 ng

RT: 16.815 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

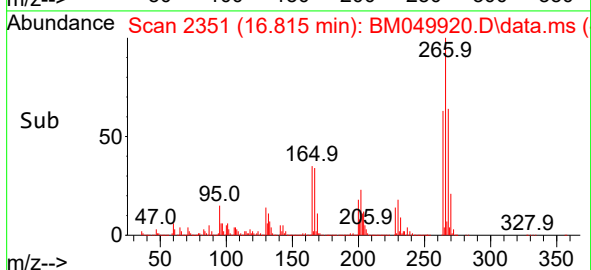
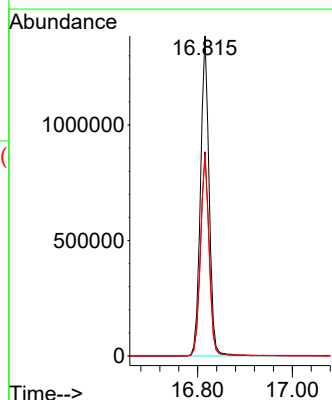
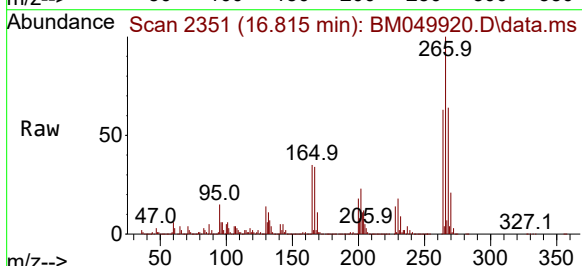
Tgt Ion:266 Resp: 1757019

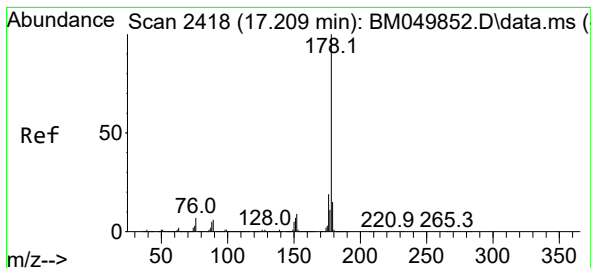
Ion Ratio Lower Upper

266 100

268 63.8 51.4 77.2

264 62.8 49.8 74.8





#71

Phenanthrene

Concen: 42.821 ng

RT: 17.198 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

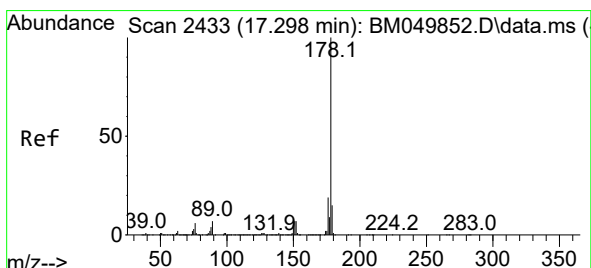
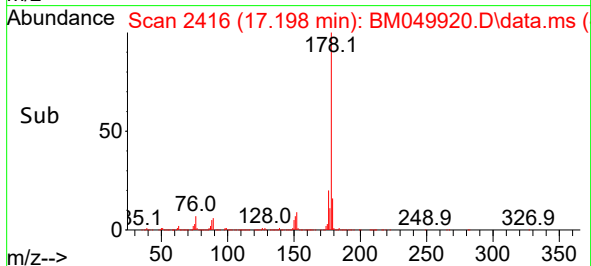
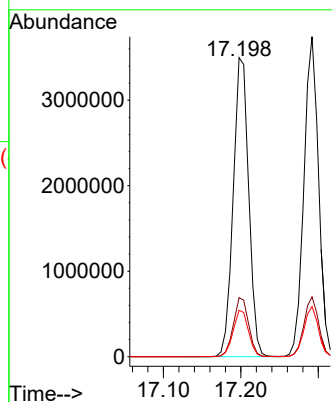
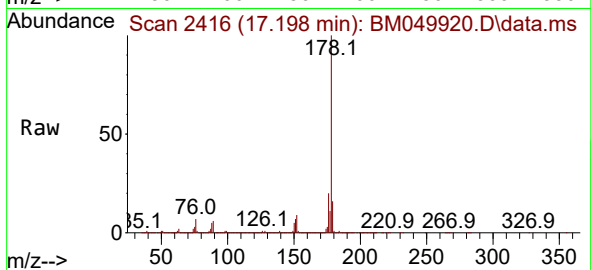
Tgt Ion:178 Resp: 4856933

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 44.154 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

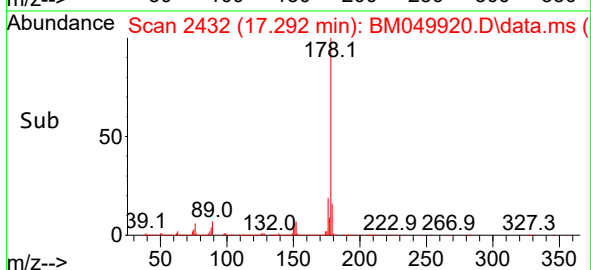
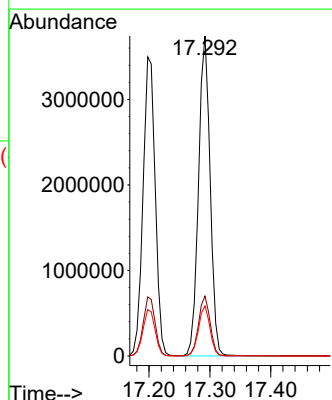
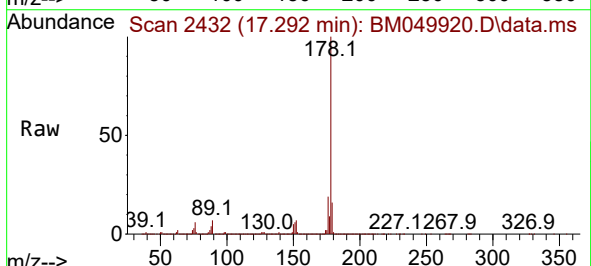
Tgt Ion:178 Resp: 4935381

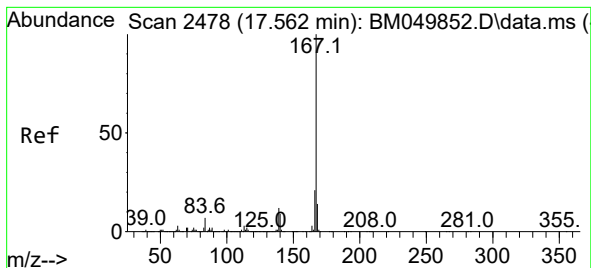
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.6 12.4 18.6





#73

Carbazole

Concen: 42.556 ng

RT: 17.562 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

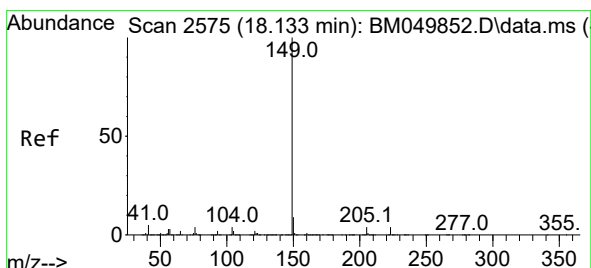
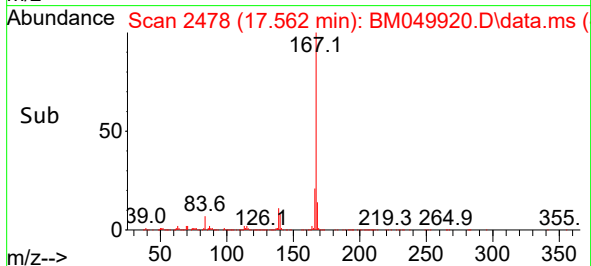
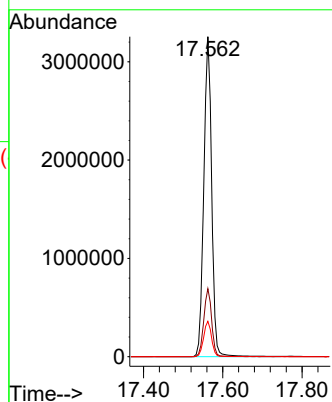
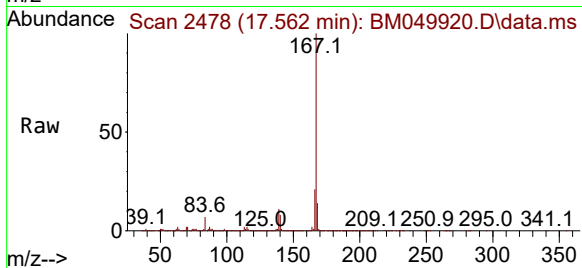
Tgt Ion:167 Resp: 4480251

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 11.1 9.3 13.9



#74

Di-n-butylphthalate

Concen: 42.394 ng

RT: 18.127 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

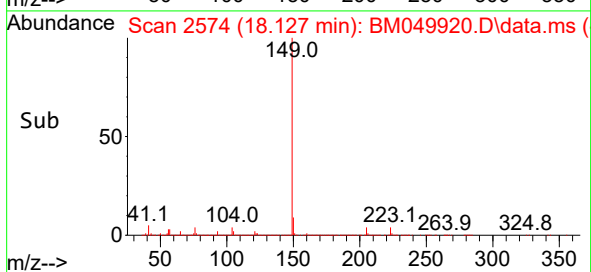
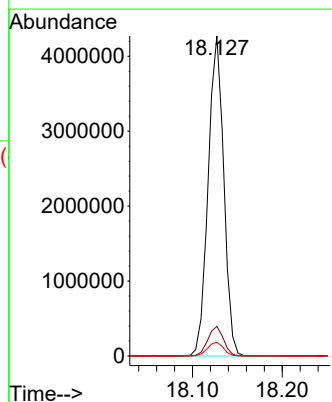
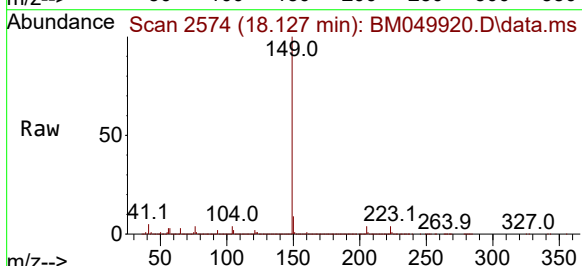
Tgt Ion:149 Resp: 5140785

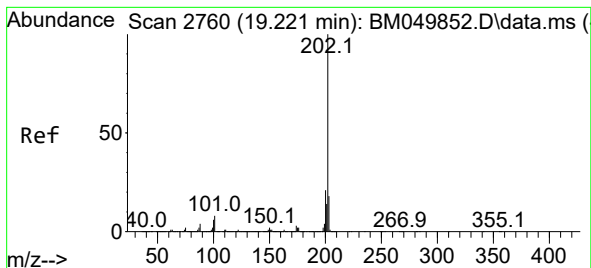
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 43.443 ng

RT: 19.215 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

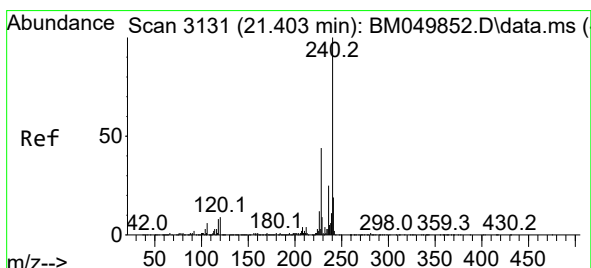
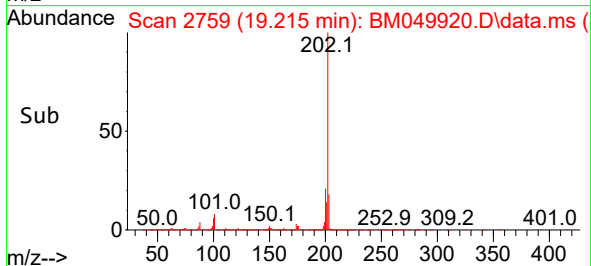
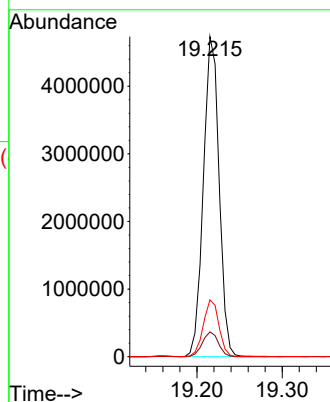
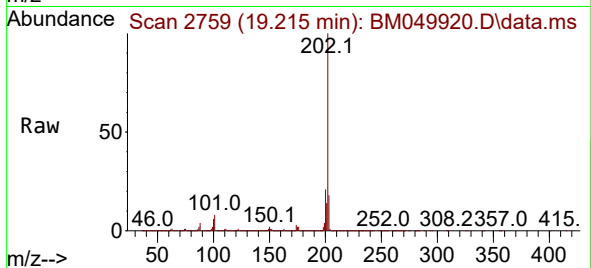
Tgt Ion:202 Resp: 6058462

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.4

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

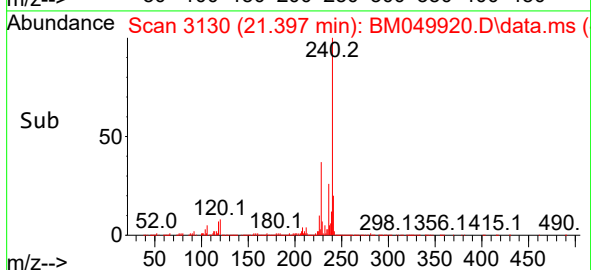
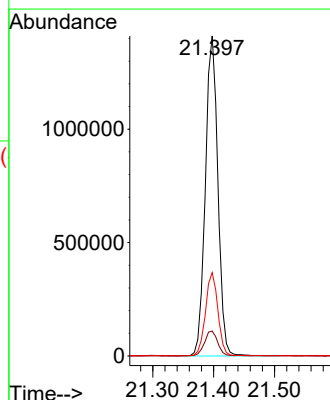
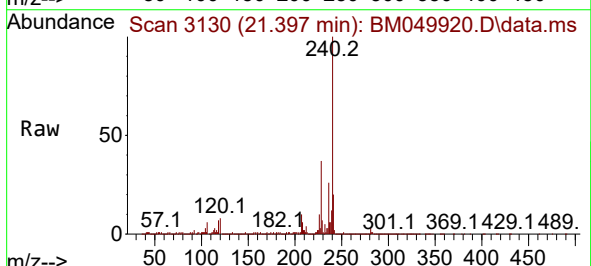
Tgt Ion:240 Resp: 2012203

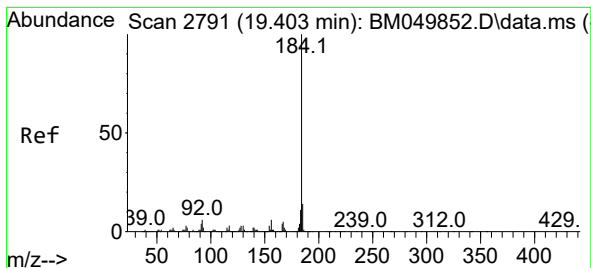
Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 26.0 20.4 30.6





#77

Benzidine

Concen: 85.338 ng

RT: 19.403 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

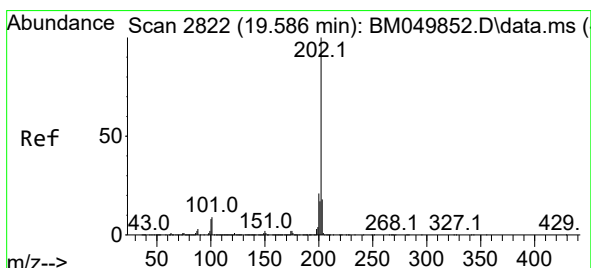
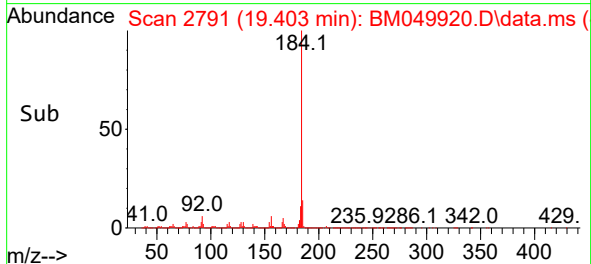
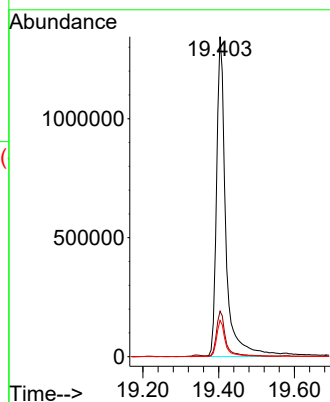
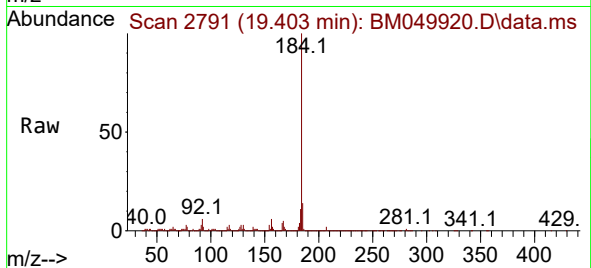
Tgt Ion:184 Resp: 2278072

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.2

183 11.3 8.8 13.2



#78

Pyrene

Concen: 44.769 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

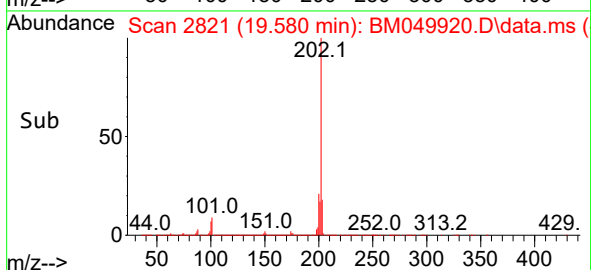
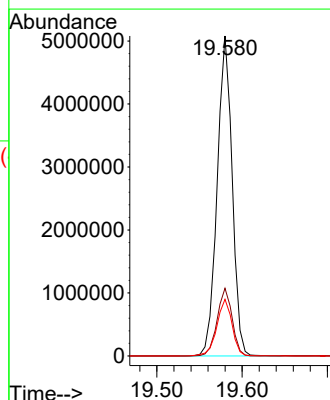
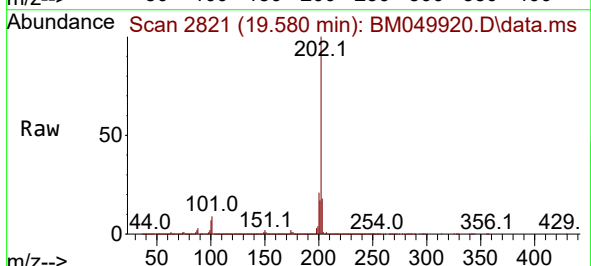
Tgt Ion:202 Resp: 6208511

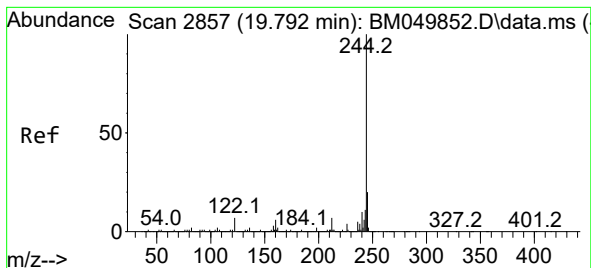
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 69.003 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

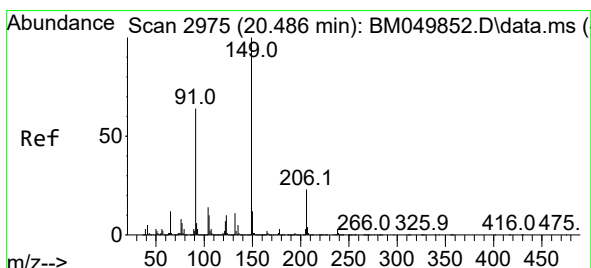
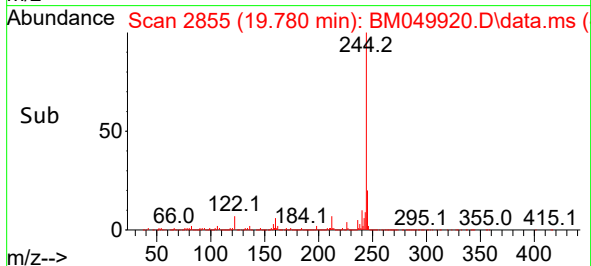
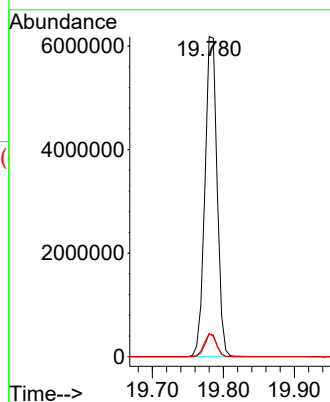
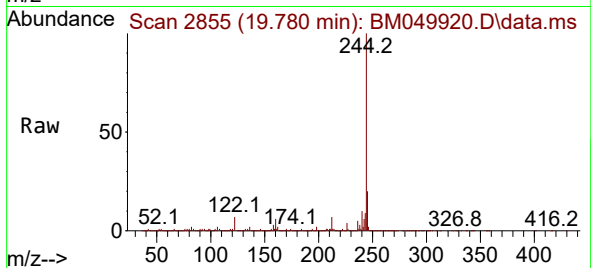
Tgt Ion:244 Resp: 7408939

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 7.2 5.4 8.0



#80

Butylbenzylphthalate

Concen: 44.806 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

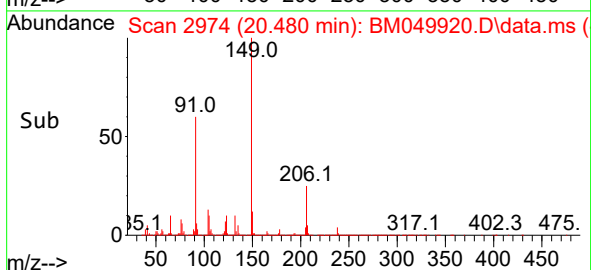
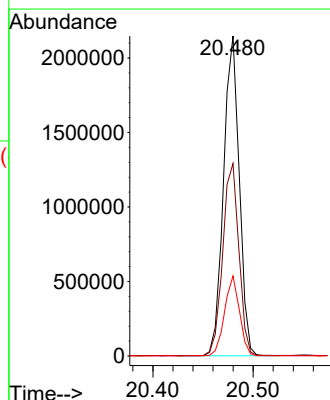
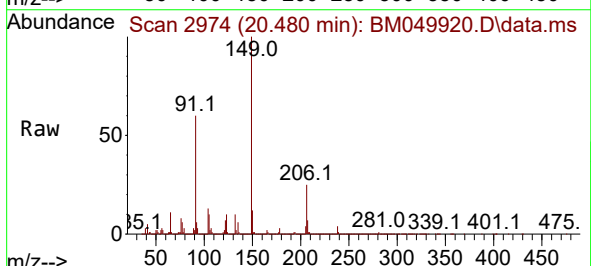
Tgt Ion:149 Resp: 2334760

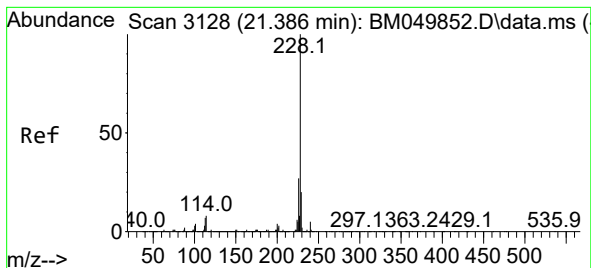
Ion Ratio Lower Upper

149 100

91 60.1 50.9 76.3

206 25.0 18.4 27.6





#81

Benzo(a)anthracene

Concen: 43.969 ng

RT: 21.380 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

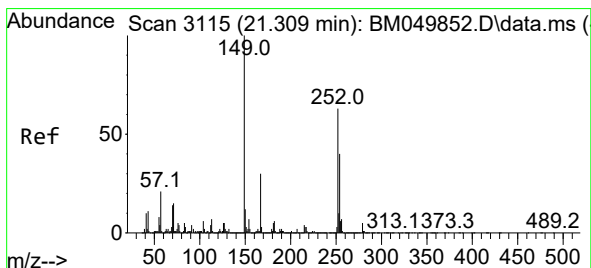
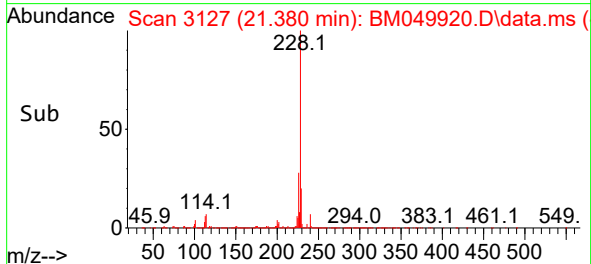
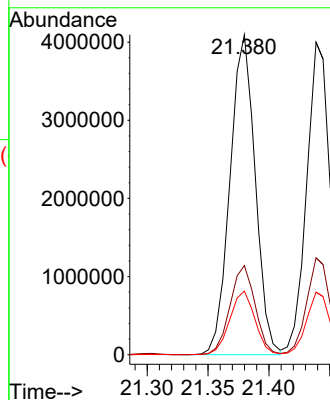
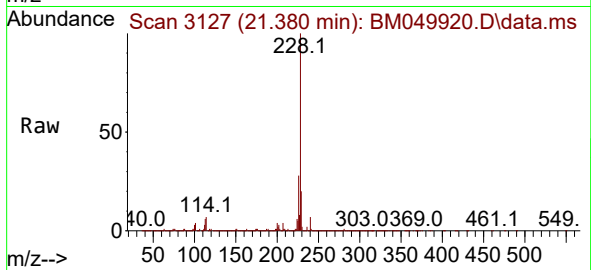
Tgt Ion:228 Resp: 5880017

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 27.169 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

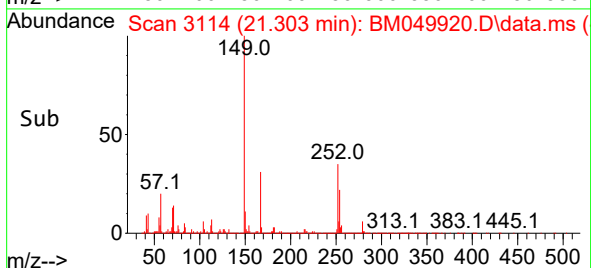
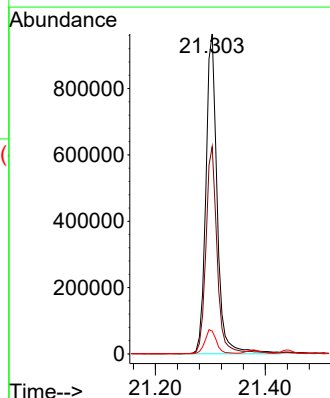
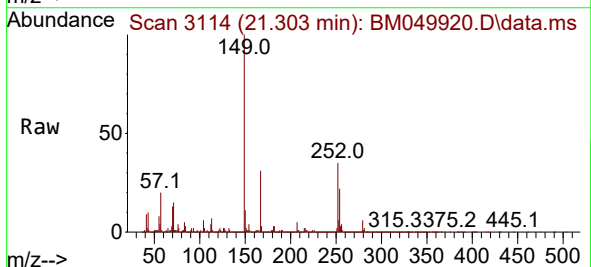
Tgt Ion:252 Resp: 1372085

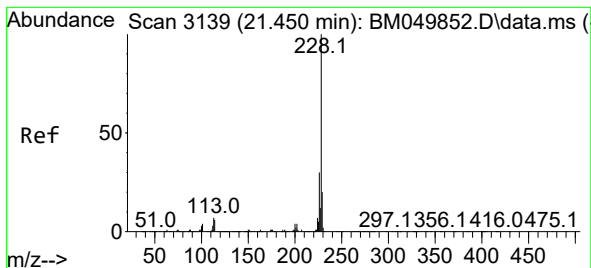
Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

126 7.1 6.3 9.5





#83

Chrysene

Concen: 42.323 ng

RT: 21.439 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

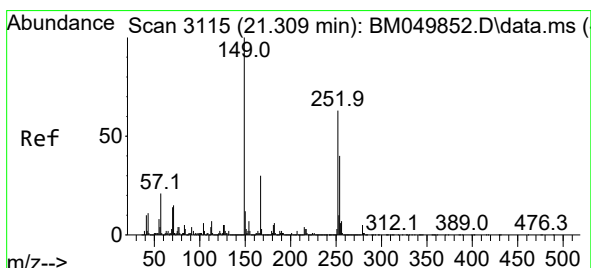
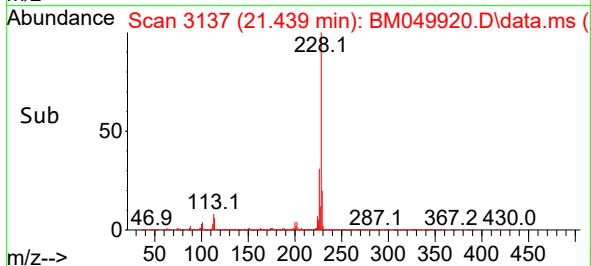
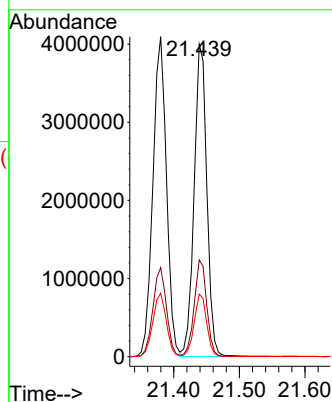
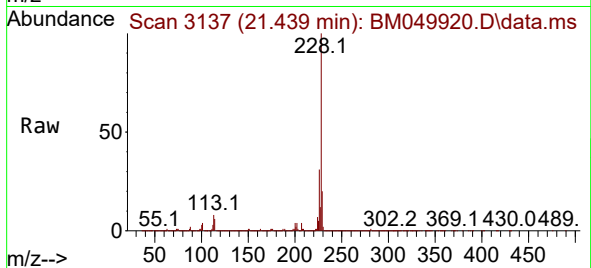
Tgt Ion:228 Resp: 5380872

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.549 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

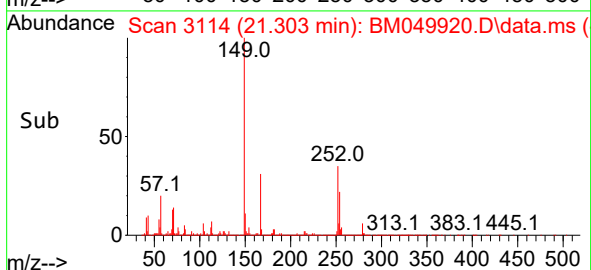
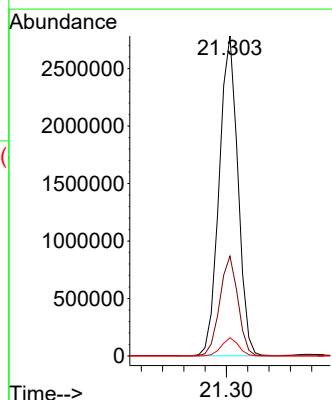
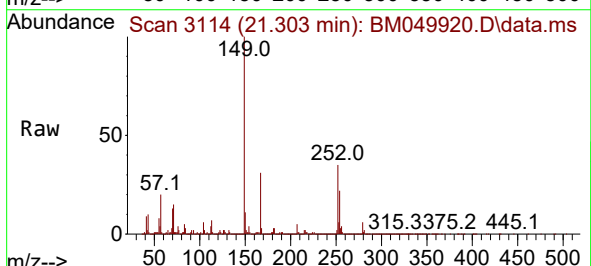
Tgt Ion:149 Resp: 3382178

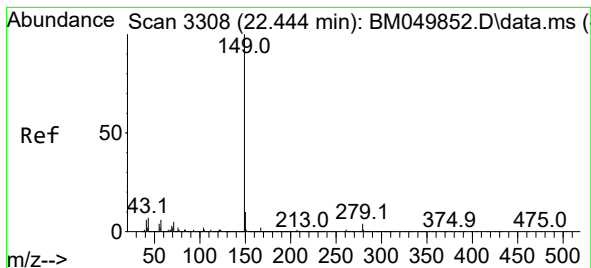
Ion Ratio Lower Upper

149 100

167 31.2 23.8 35.6

279 5.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 41.652 ng

RT: 22.433 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

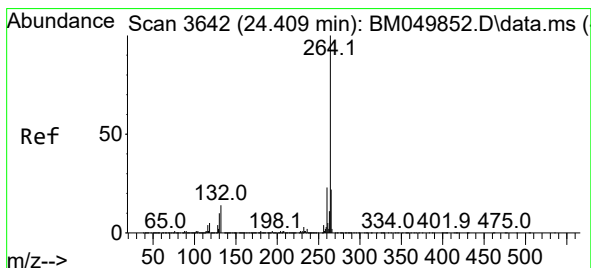
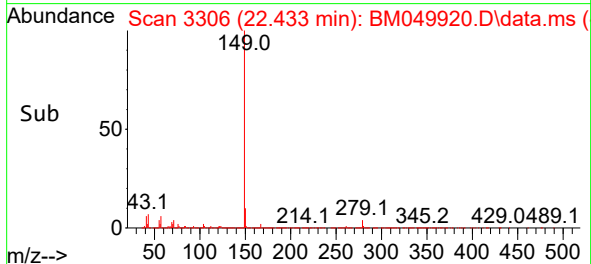
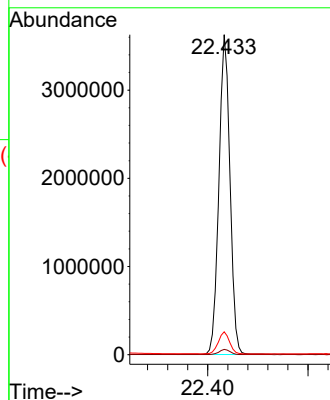
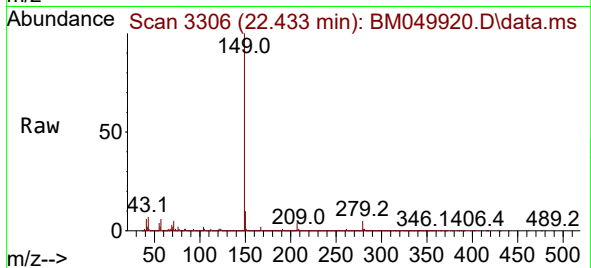
Tgt Ion:149 Resp: 5532016

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.0 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3639

Delta R.T. -0.018 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

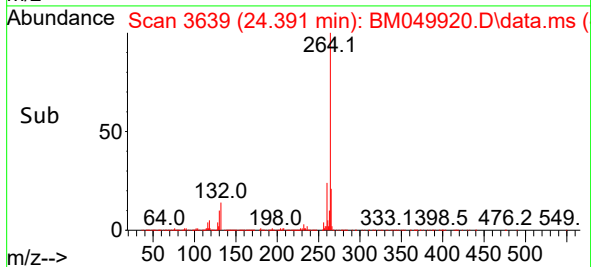
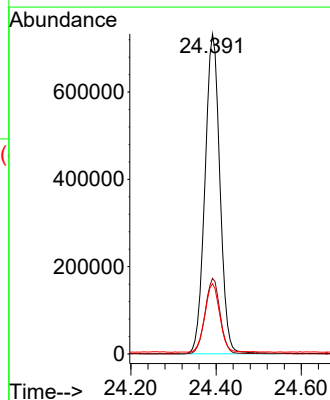
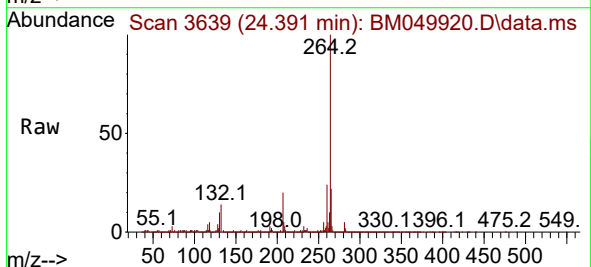
Tgt Ion:264 Resp: 1784297

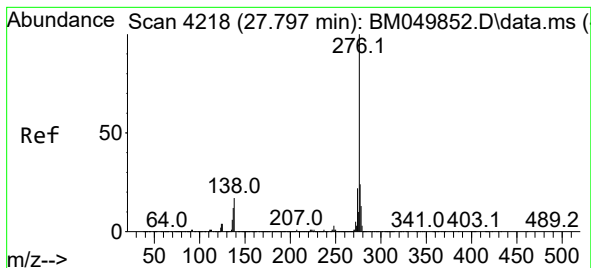
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.9 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.886 ng

RT: 27.779 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

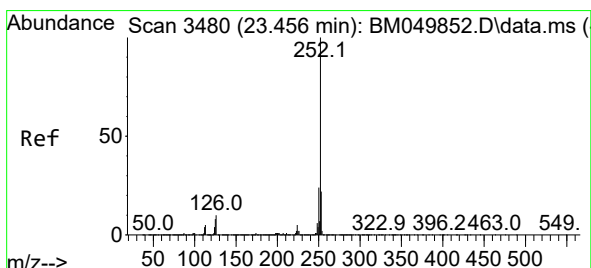
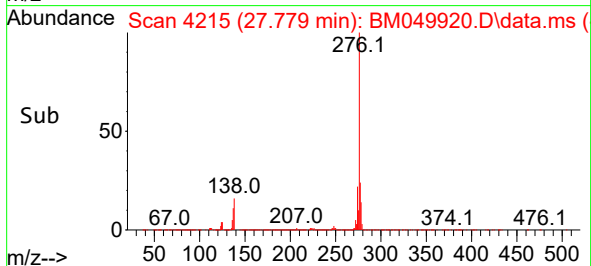
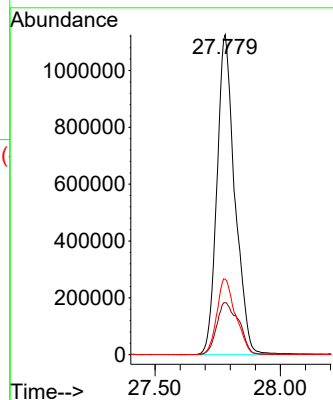
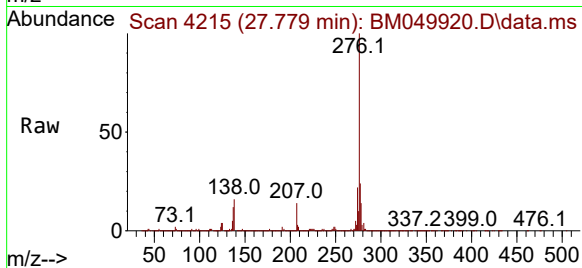
Tgt Ion:276 Resp: 5571031

Ion Ratio Lower Upper

276 100

138 20.1 16.8 25.2

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.972 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

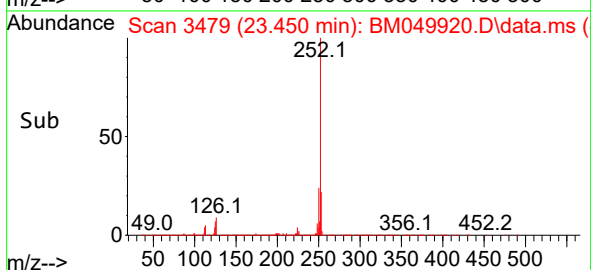
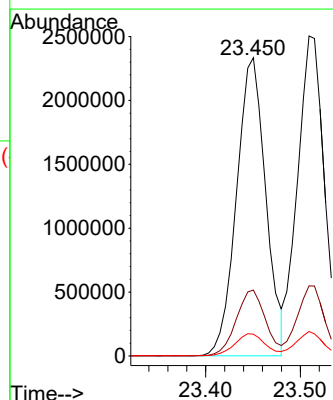
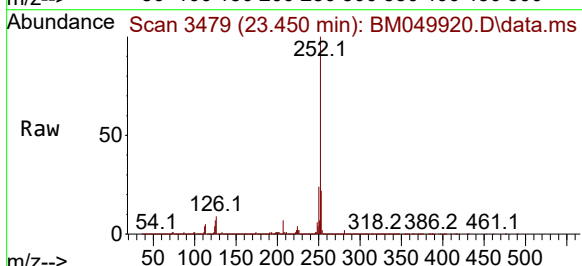
Tgt Ion:252 Resp: 5010921

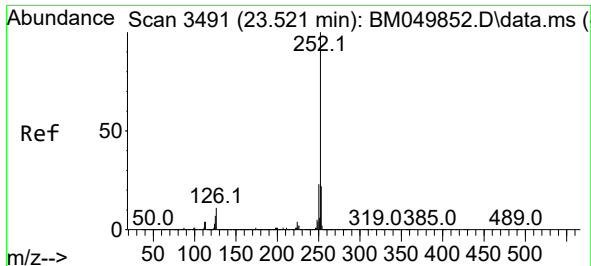
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.3 6.2 9.4

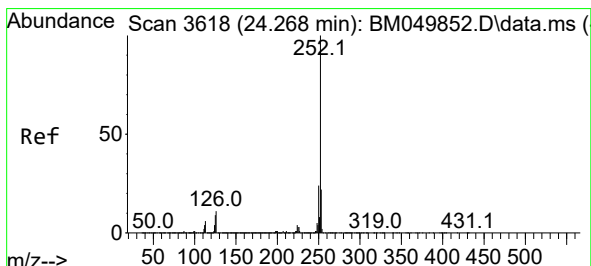
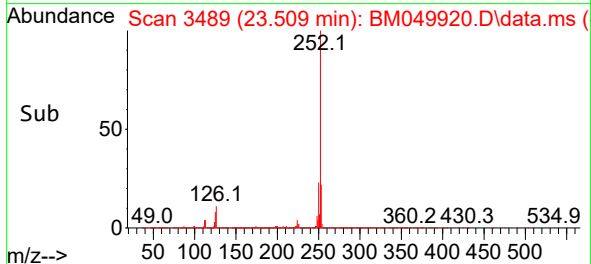
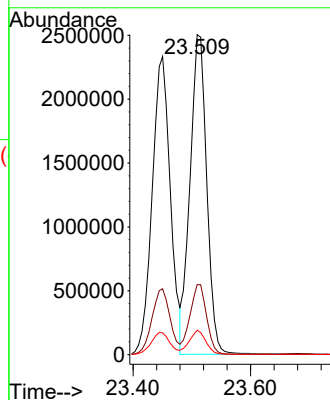
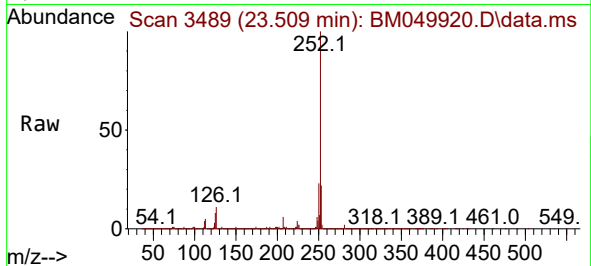




#89
Benzo(k)fluoranthene
Concen: 44.728 ng
RT: 23.509 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

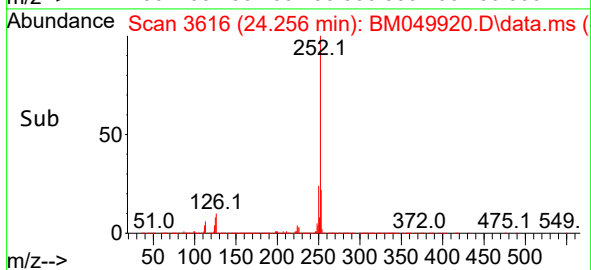
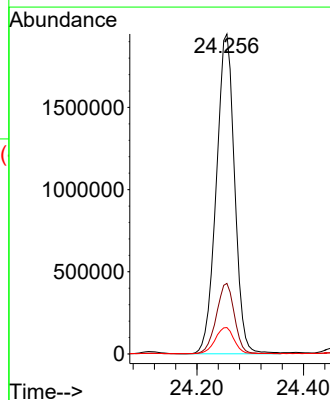
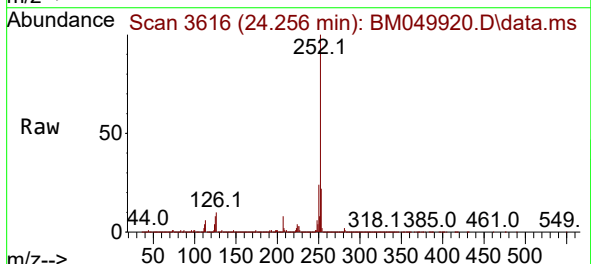
Instrument :
BNA_M
ClientSampleId :
TP-23MS

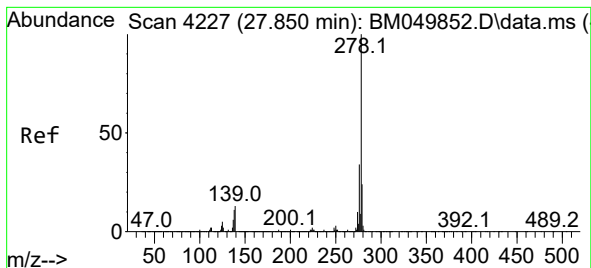
Tgt Ion:252 Resp: 4939362
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.6 5.8 8.8



#90
Benzo(a)pyrene
Concen: 46.290 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.012 min
Lab File: BM049920.D
Acq: 14 Apr 2025 19:06

Tgt Ion:252 Resp: 4635352
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 41.256 ng

RT: 27.832 min Scan# 4394

Delta R.T. -0.018 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Instrument :

BNA_M

ClientSampleId :

TP-23MS

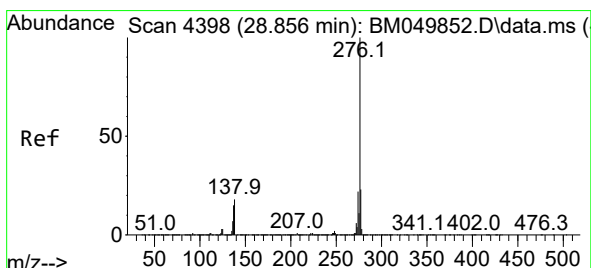
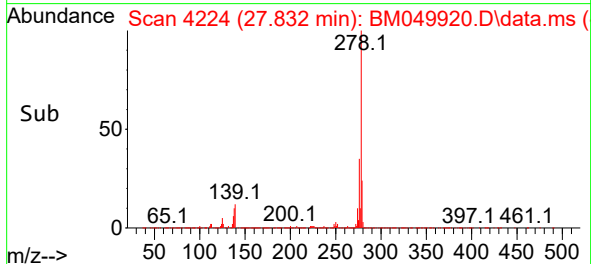
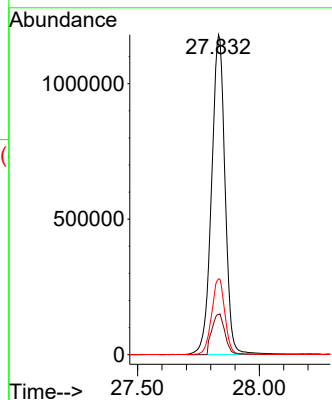
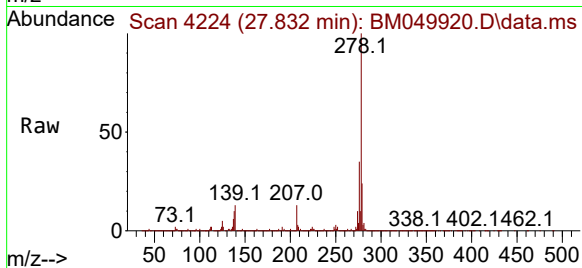
Tgt Ion:278 Resp: 4519794

Ion Ratio Lower Upper

278 100

139 12.6 10.6 15.8

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 39.289 ng

RT: 28.832 min Scan# 4394

Delta R.T. -0.023 min

Lab File: BM049920.D

Acq: 14 Apr 2025 19:06

Tgt Ion:276 Resp: 4398330

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.5 14.6 21.8

