

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042125\
 Data File : BM049980.D
 Acq On : 21 Apr 2025 11:15
 Operator : RC/JU
 Sample : PB167645BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167645BS

Quant Time: Apr 21 11:59:36 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	405465	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1378196	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	810401	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1404843	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1154135	20.000	ng	0.00
86) Perylene-d12	24.397	264	1149601	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2892461	121.135	ng	0.00
7) Phenol-d6	6.957	99	3494435	117.624	ng	0.00
23) Nitrobenzene-d5	8.928	82	2042556	82.528	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1446565	122.719	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5148618	86.150	ng	-0.01
79) Terphenyl-d14	19.786	244	6229008	101.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	306579	31.176	ng	99
3) Pyridine	3.652	79	873359	33.803	ng	99
4) n-Nitrosodimethylamine	3.563	42	394723	40.145	ng	98
6) Aniline	7.099	93	1051356	41.300	ng	100
8) 2-Chlorophenol	7.340	128	1059061	43.280	ng	99
9) Benzaldehyde	6.910	77	469566	30.800	ng	99
10) Phenol	6.981	94	1238080	42.705	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	972046	42.756	ng	99
12) 1,3-Dichlorobenzene	7.657	146	1209916	41.821	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1217909	41.838	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1173072	42.784	ng	99
15) Benzyl Alcohol	8.010	79	807273	43.152	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1141979	45.066	ng	99
17) 2-Methylphenol	8.228	107	791650	44.311	ng	99
18) Hexachloroethane	8.845	117	419803	41.451	ng	95
19) n-Nitroso-di-n-propyla...	8.575	70	693522	42.149	ng	100
20) 3+4-Methylphenols	8.551	107	1057066	43.399	ng	99
22) Acetophenone	8.593	105	1378862	41.167	ng	# 99
24) Nitrobenzene	8.969	77	993197	41.676	ng	97
25) Isophorone	9.498	82	1842352	44.436	ng	99
26) 2-Nitrophenol	9.681	139	546955	43.302	ng	99
27) 2,4-Dimethylphenol	9.751	122	870924	60.841	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1162126	41.868	ng	99
29) 2,4-Dichlorophenol	10.222	162	990222	41.615	ng	100
30) 1,2,4-Trichlorobenzene	10.428	180	1161491	42.194	ng	99
31) Naphthalene	10.610	128	2846837	40.200	ng	99
32) Benzoic acid	9.916	122	547361m	33.900	ng	
33) 4-Chloroaniline	10.728	127	575602	23.018	ng	99
34) Hexachlorobutadiene	10.898	225	743966	43.693	ng	99
35) Caprolactam	11.522	113	243129	35.625	ng	94
36) 4-Chloro-3-methylphenol	11.869	107	827174	39.686	ng	99
37) 2-Methylnaphthalene	12.228	142	1836048	36.798	ng	99
38) 1-Methylnaphthalene	12.445	142	1933779	39.782	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1290451	45.516	ng	99
41) Hexachlorocyclopentadiene	12.581	237	1664984	167.595	ng	98
43) 2,4,6-Trichlorophenol	12.851	196	801684	44.436	ng	99

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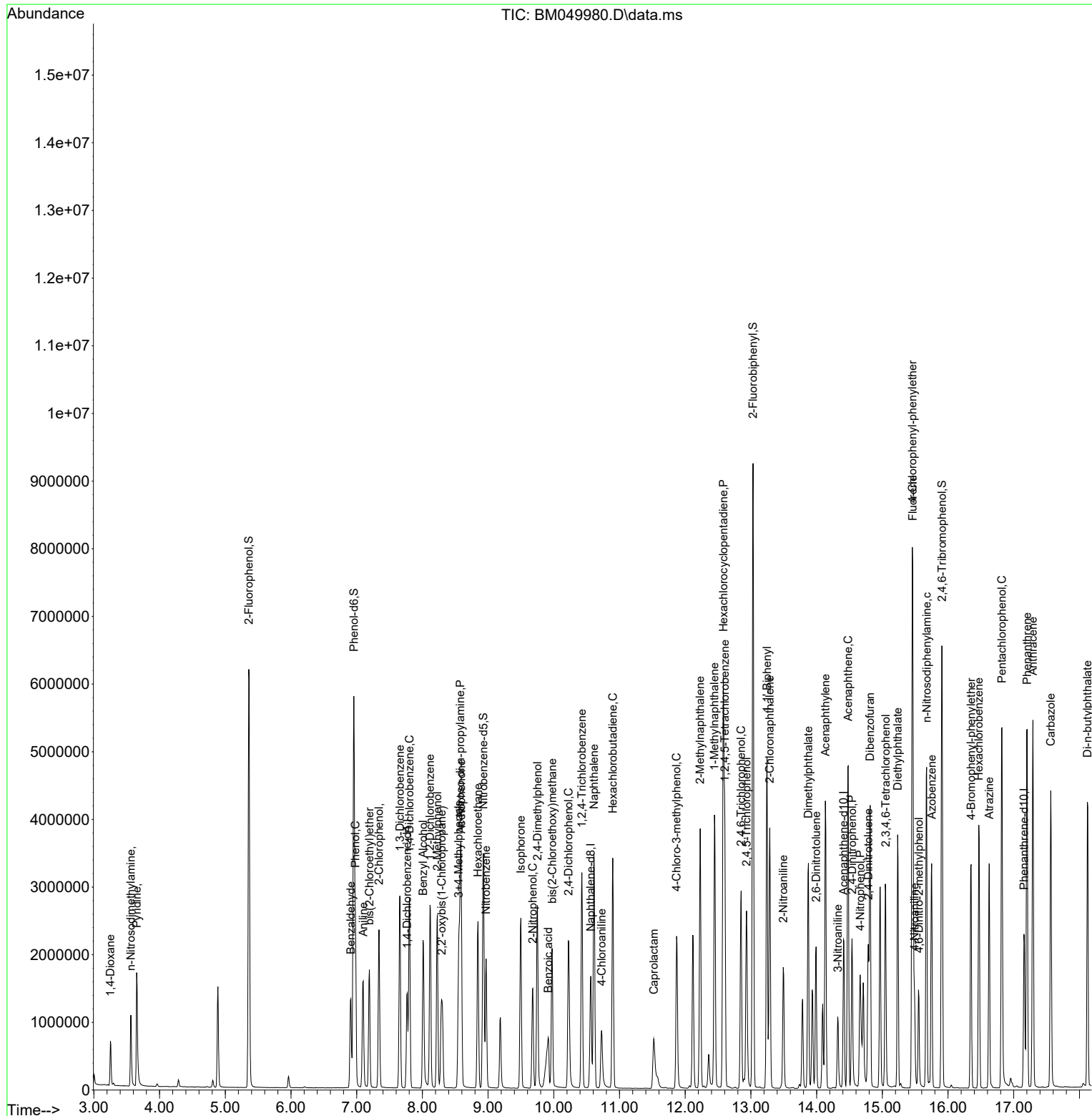
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	852296	43.472	ng	99
46) 1,1'-Biphenyl	13.245	154	2574209	42.731	ng	99
47) 2-Chloronaphthalene	13.286	162	2039547	43.074	ng	99
48) 2-Nitroaniline	13.492	65	468922	42.808	ng	98
49) Acenaphthylene	14.133	152	3135276	45.457	ng	100
50) Dimethylphthalate	13.875	163	2323401	40.638	ng	100
51) 2,6-Dinitrotoluene	13.992	165	506087	42.250	ng	97
52) Acenaphthene	14.480	154	1796540	40.950	ng	99
53) 3-Nitroaniline	14.322	138	311855	26.937	ng	94
54) 2,4-Dinitrophenol	14.539	184	620782	72.325	ng	96
55) Dibenzofuran	14.816	168	2916639	39.768	ng	98
56) 4-Nitrophenol	14.663	139	761858	73.846	ng	99
57) 2,4-Dinitrotoluene	14.786	165	688368	43.076	ng	97
58) Fluorene	15.463	166	2364711	40.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	682403	39.712	ng	97
60) Diethylphthalate	15.233	149	2076932	37.881	ng	99
61) 4-Chlorophenyl-phenylether	15.457	204	1297022	41.498	ng	98
62) 4-Nitroaniline	15.492	138	454257	37.942	ng	99
63) Azobenzene	15.751	77	1784083	38.007	ng	96
65) 4,6-Dinitro-2-methylph...	15.557	198	389517	44.000	ng	96
66) n-Nitrosodiphenylamine	15.674	169	1955452	46.512	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	756840	46.408	ng	94
68) Hexachlorobenzene	16.468	284	872280	46.630	ng	99
69) Atrazine	16.627	200	657210	60.291	ng	97
70) Pentachlorophenol	16.821	266	1088541	79.040	ng	99
71) Phenanthrene	17.204	178	3394421	44.072	ng	100
72) Anthracene	17.292	178	3404218	44.851	ng	100
73) Carbazole	17.563	167	2965804	41.486	ng	99
74) Di-n-butylphthalate	18.121	149	3247632	39.441	ng	99
75) Fluoranthene	19.221	202	3793074	40.054	ng	99
77) Benzidine	19.404	184	1414967	92.414	ng	100
78) Pyrene	19.580	202	3840802	48.287	ng	99
80) Butylbenzylphthalate	20.480	149	1310426	43.845	ng	96
81) Benzo(a)anthracene	21.380	228	3470021	45.239	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	910767	31.442	ng	99
83) Chrysene	21.445	228	3150721	43.206	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	1796205	41.249	ng	99
85) Di-n-octyl phthalate	22.433	149	2905764	38.144	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	3835487	44.759	ng	99
88) Benzo(b)fluoranthene	23.456	252	3132543	42.666	ng	99
89) Benzo(k)fluoranthene	23.515	252	3120017	43.851	ng	100
90) Benzo(a)pyrene	24.262	252	3005590	46.586	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	3122653	44.240	ng	100
92) Benzo(g,h,i)perylene	28.856	276	3029590	42.003	ng	99

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

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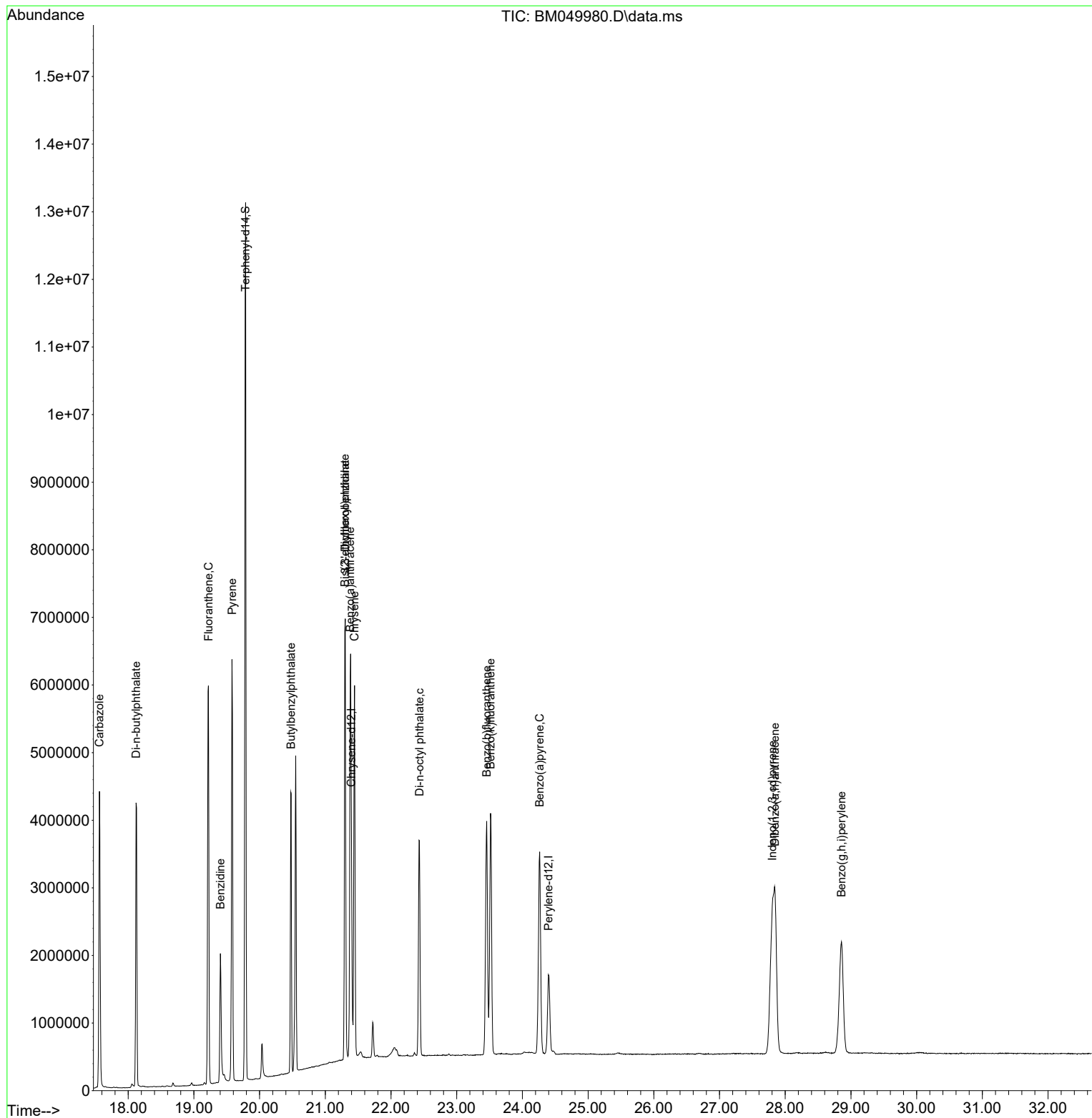
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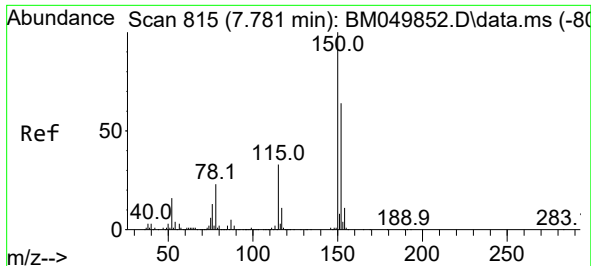


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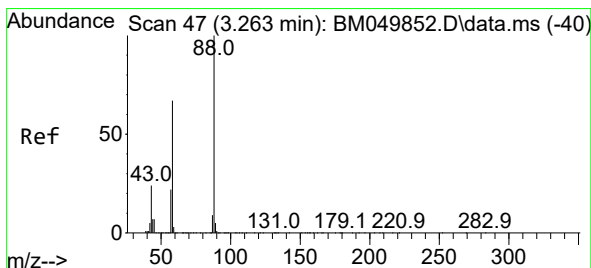
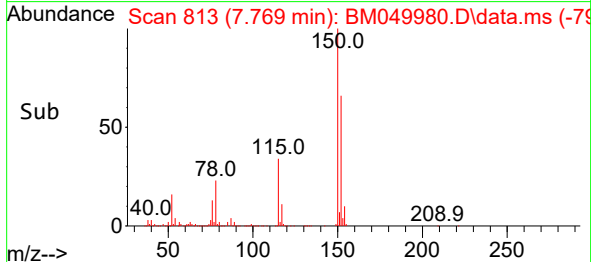
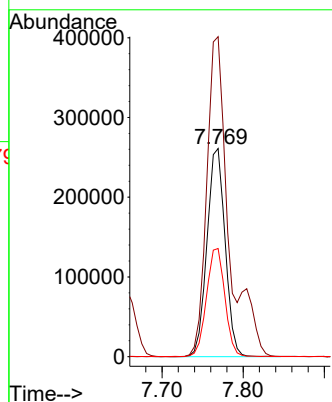
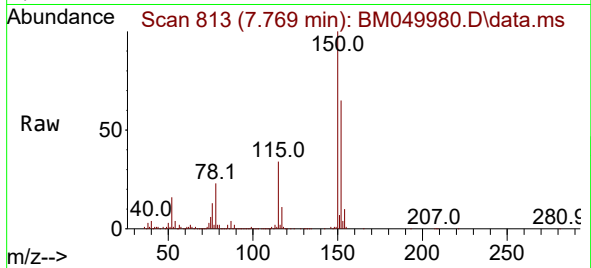




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM049980.D
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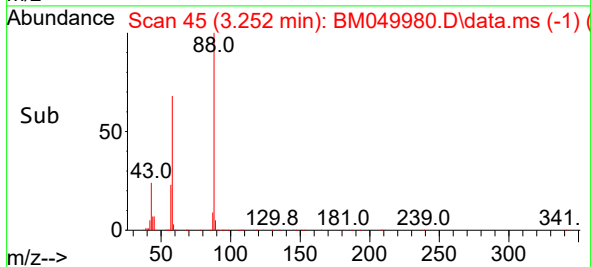
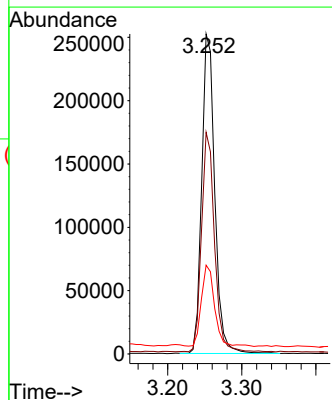
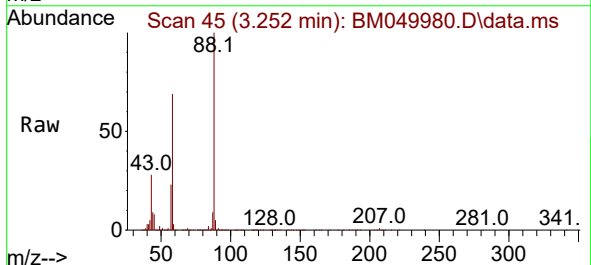
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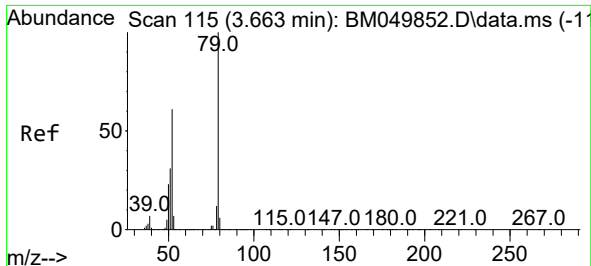
Tgt Ion:152 Resp: 405465
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.3 186.5
 115 52.0 41.1 61.7



#2
 1,4-Dioxane
 Concen: 31.176 ng
 RT: 3.252 min Scan# 45
 Delta R.T. -0.012 min
 Lab File: BM049980.D
 Acq: 21 Apr 2025 11:15

Tgt Ion: 88 Resp: 306579
 Ion Ratio Lower Upper
 88 100
 58 68.5 54.1 81.1
 43 25.9 20.2 30.4

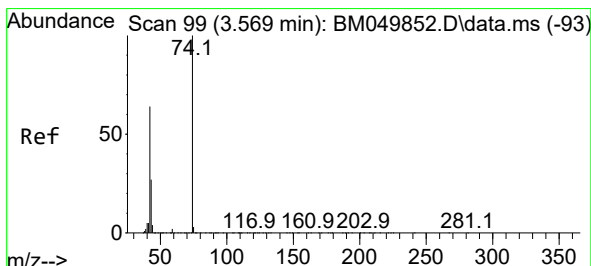
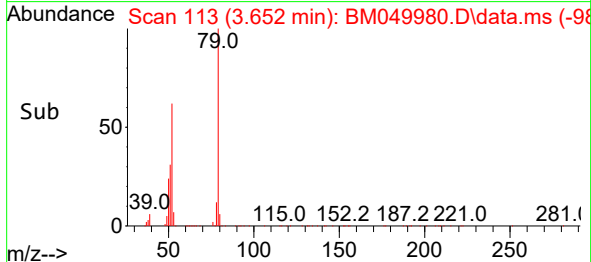
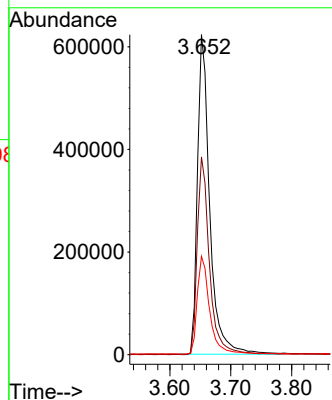
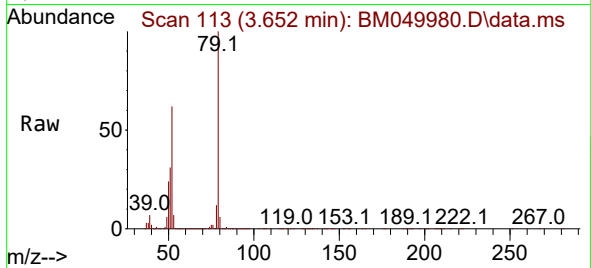




#3
 Pyridine
 Concen: 33.803 ng
 RT: 3.652 min Scan# 115
 Delta R.T. -0.012 min
 Lab File: BM049980.D
 Acq: 21 Apr 2025 11:15

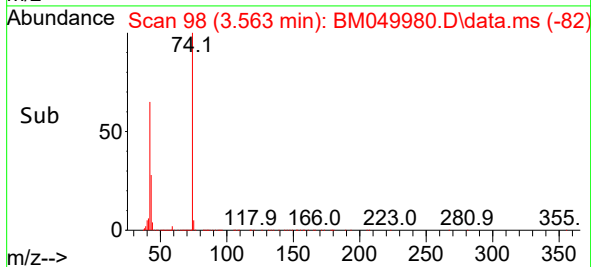
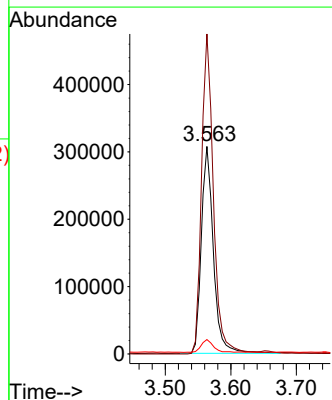
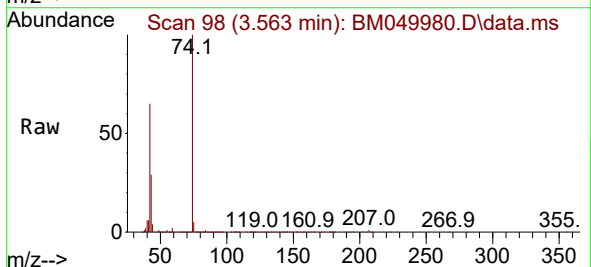
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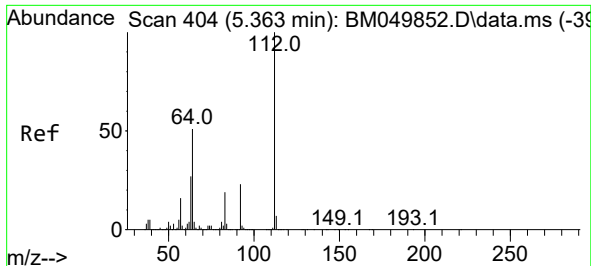
Tgt Ion: 79 Resp: 873359
 Ion Ratio Lower Upper
 79 100
 52 61.8 48.9 73.3
 51 30.8 25.0 37.6



#4
 n-Nitrosodimethylamine
 Concen: 40.145 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BM049980.D
 Acq: 21 Apr 2025 11:15

Tgt Ion: 42 Resp: 394723
 Ion Ratio Lower Upper
 42 100
 74 154.2 125.4 188.2
 44 6.9 5.9 8.9

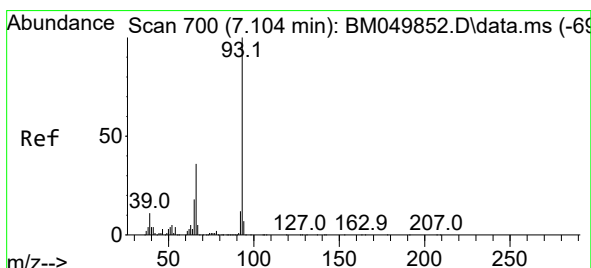
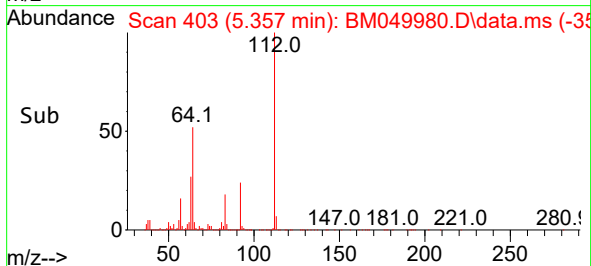
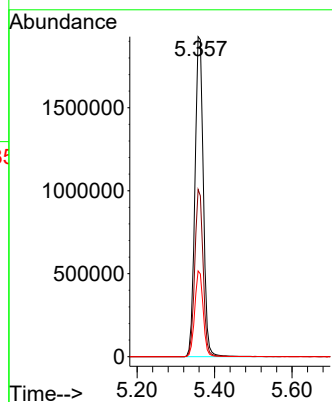
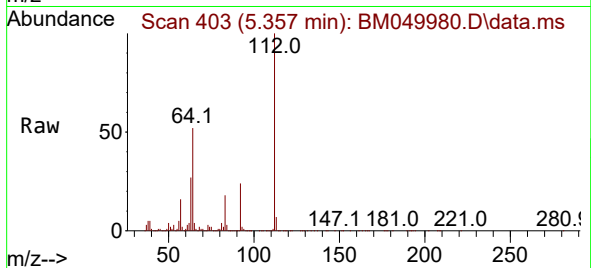




#5
2-Fluorophenol
Concen: 121.135 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049980.D
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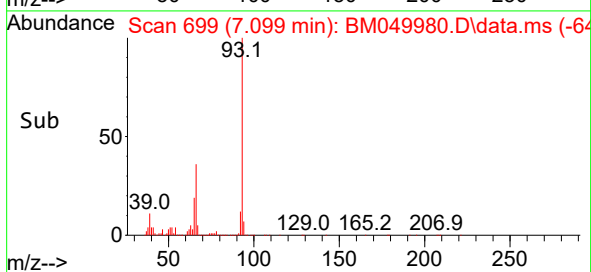
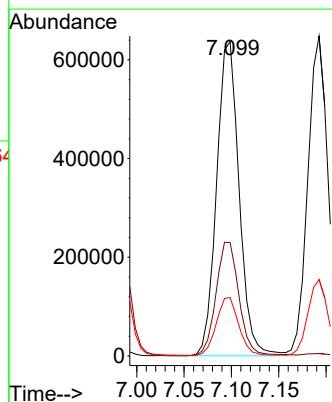
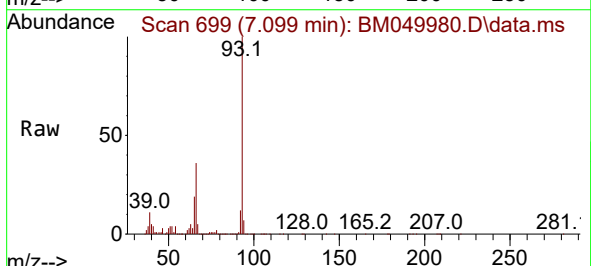
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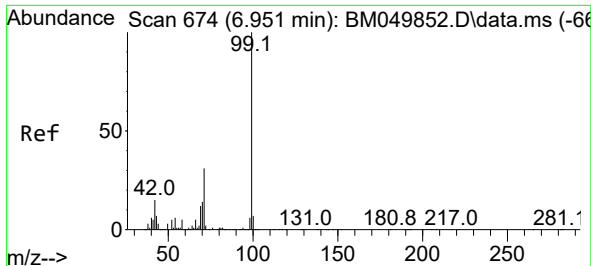
Tgt Ion:112 Resp: 2892461
Ion Ratio Lower Upper
112 100
64 52.2 41.0 61.6
63 26.8 21.5 32.3



#6
Aniline
Concen: 41.300 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.006 min
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Tgt Ion: 93 Resp: 1051356
Ion Ratio Lower Upper
93 100
66 36.1 29.1 43.7
65 18.6 14.9 22.3

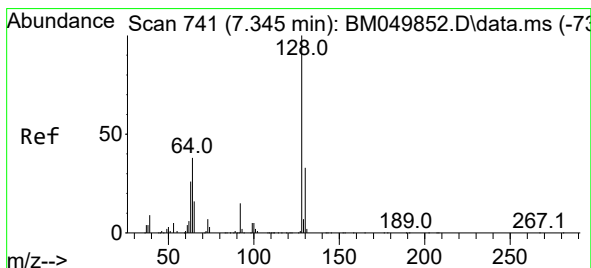
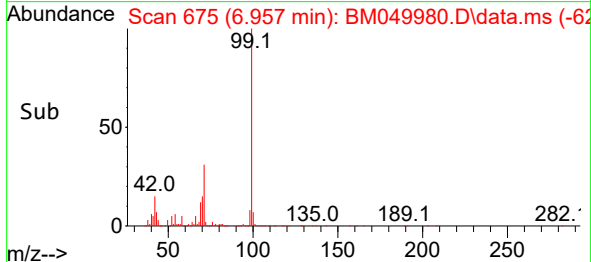
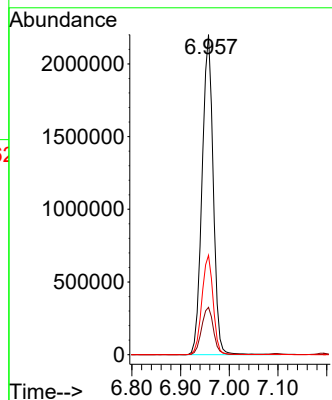
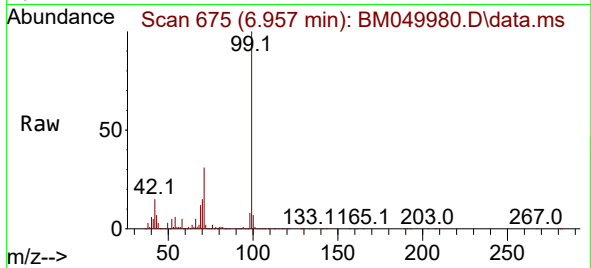




#7
Phenol-d6
Concen: 117.624 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
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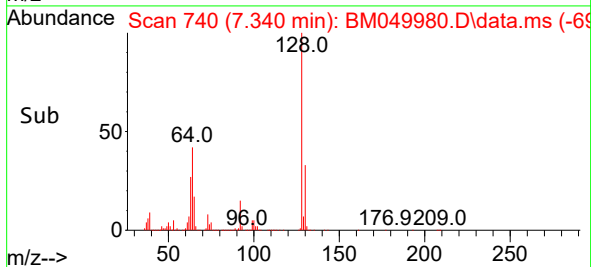
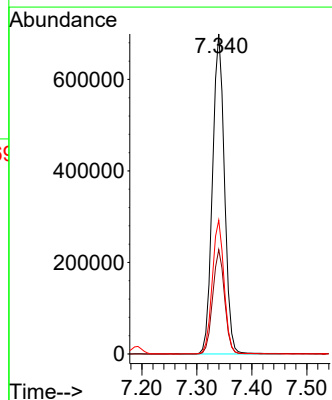
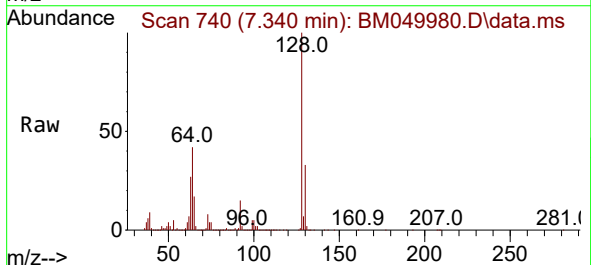
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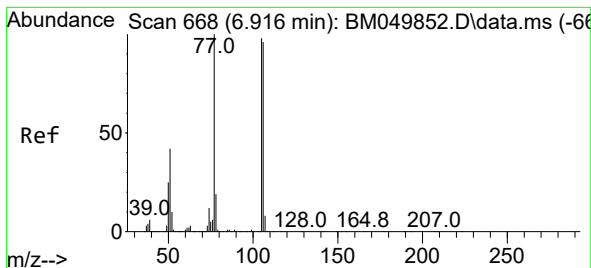
Tgt Ion: 99 Resp: 3494435
Ion Ratio Lower Upper
99 100
42 14.8 12.1 18.1
71 31.1 24.9 37.3



#8
2-Chlorophenol
Concen: 43.280 ng
RT: 7.340 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM049980.D
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Tgt Ion:128 Resp: 1059061
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 41.8 21.1 61.1





#9

Benzaldehyde

Concen: 30.800 ng

RT: 6.910 min Scan# 6

Delta R.T. -0.006 min

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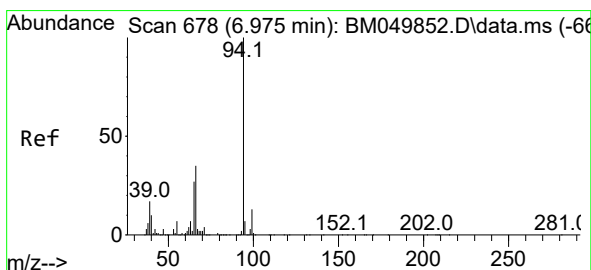
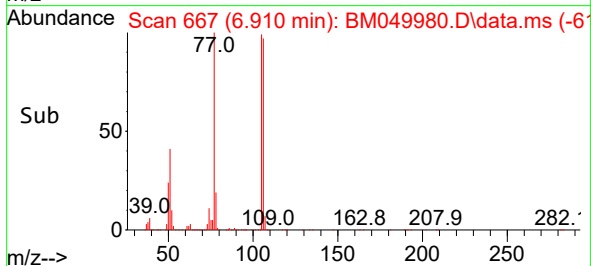
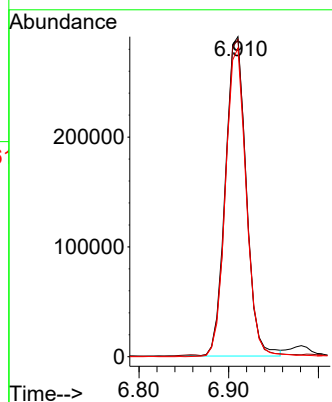
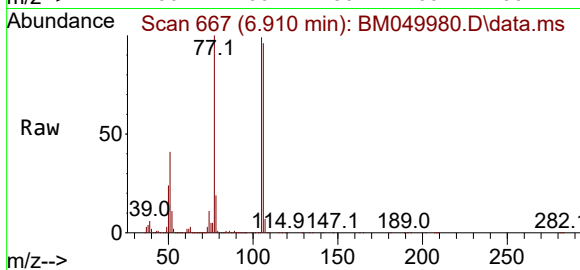
Tgt Ion: 77 Resp: 469566

Ion Ratio Lower Upper

77 100

105 99.2 78.3 118.3

106 96.5 76.0 116.0



#10

Phenol

Concen: 42.705 ng

RT: 6.981 min Scan# 679

Delta R.T. 0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

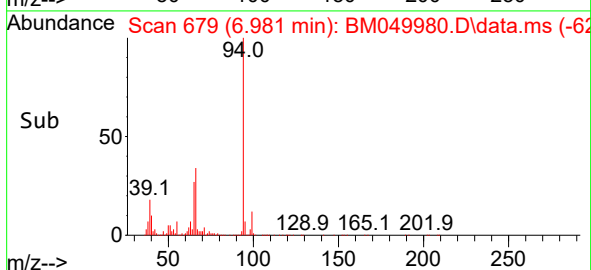
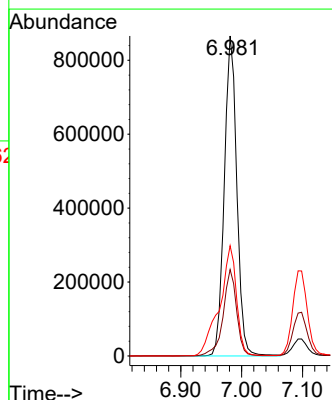
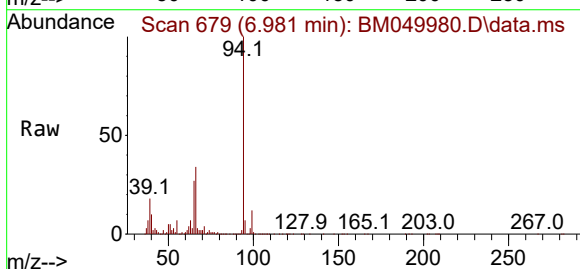
Tgt Ion: 94 Resp: 1238080

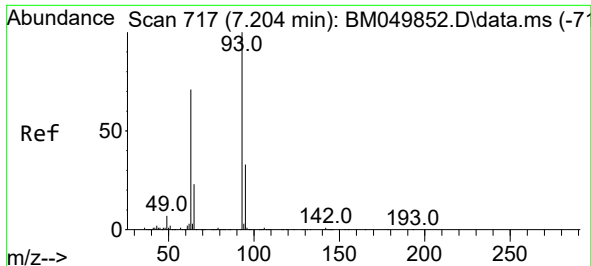
Ion Ratio Lower Upper

94 100

65 27.0 7.3 47.3

66 34.4 14.8 54.8

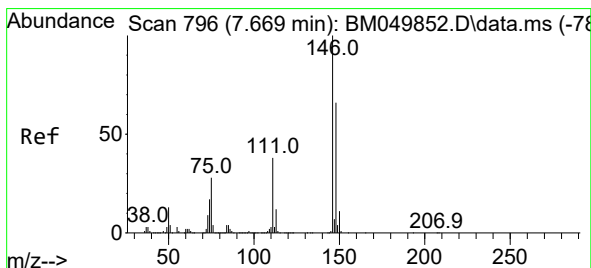
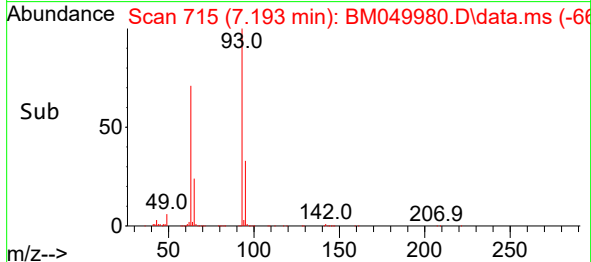
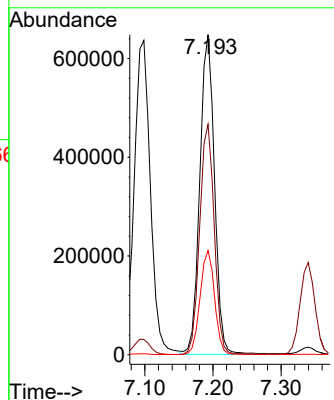
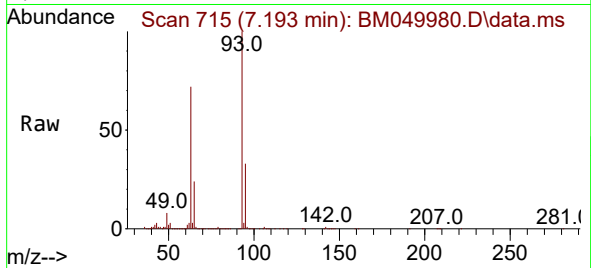




#11
bis(2-Chloroethyl)ether
Concen: 42.756 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

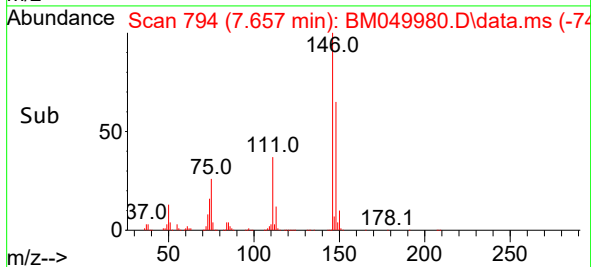
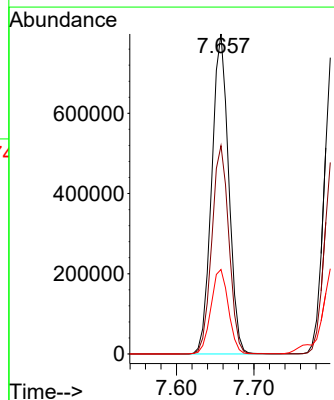
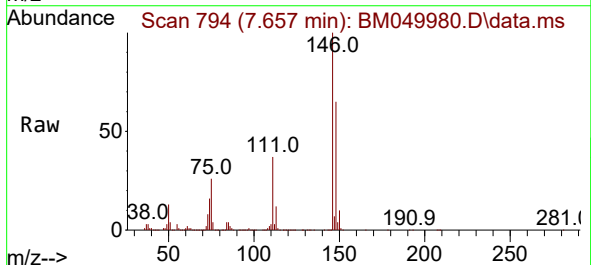
Instrument :
BNA_M
ClientSampleId :
PB167645BS

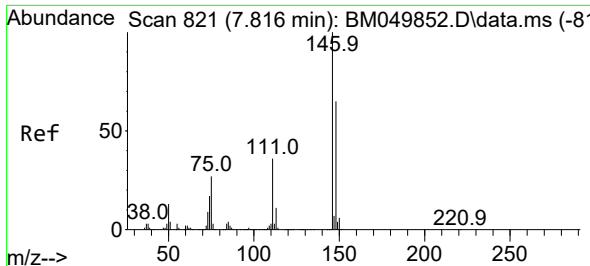
Tgt Ion: 93 Resp: 972046
Ion Ratio Lower Upper
93 100
63 72.0 50.9 90.9
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.821 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:146 Resp: 1209916
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 26.4 22.5 33.7

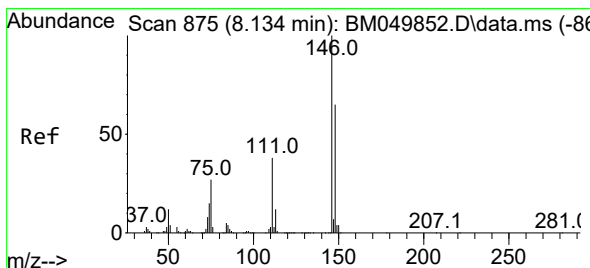
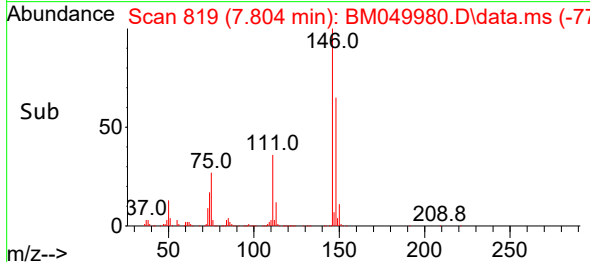
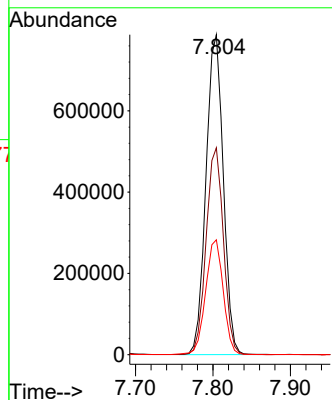
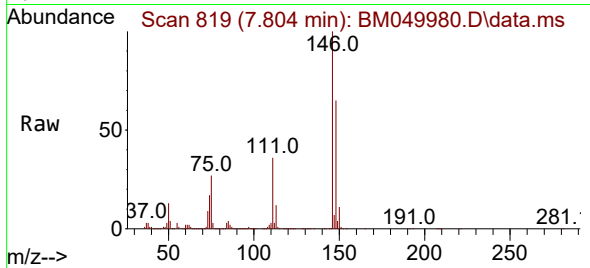




#13
1,4-Dichlorobenzene
Concen: 41.838 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

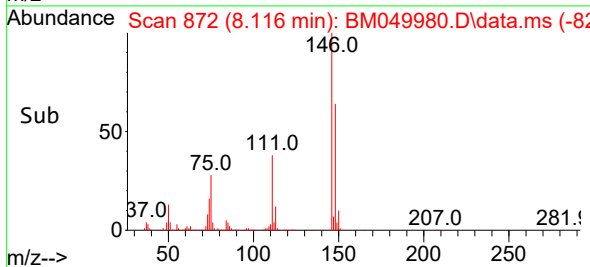
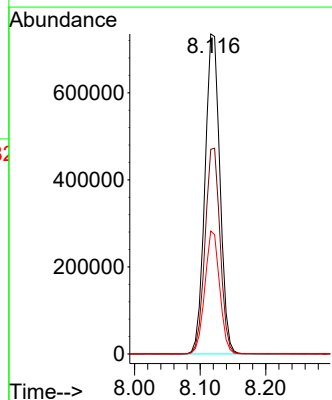
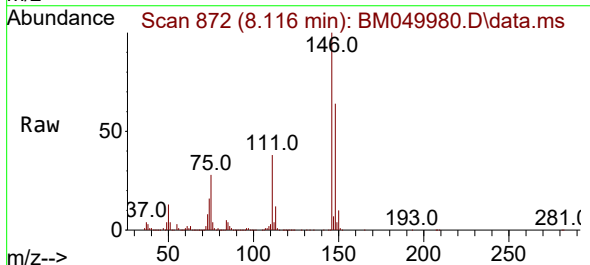
Instrument :
BNA_M
ClientSampleId :
PB167645BS

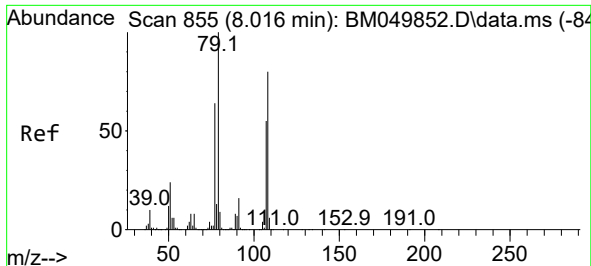
Tgt Ion:146 Resp: 1217909
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
111 35.9 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 42.784 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.017 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:146 Resp: 1173072
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 38.4 30.2 45.4

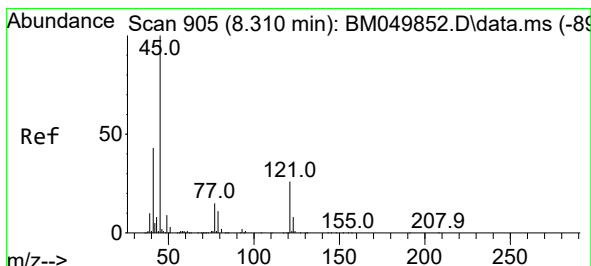
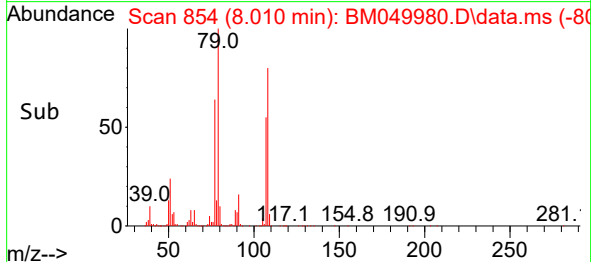
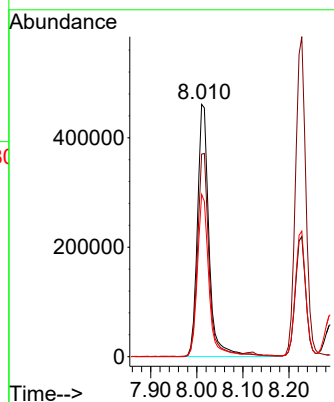
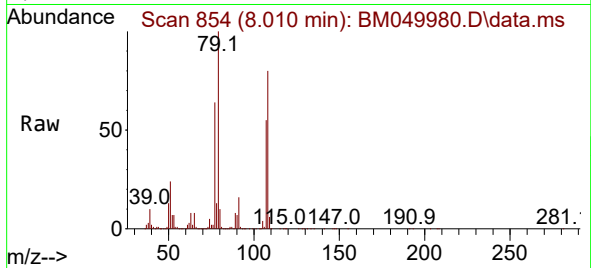




#15
Benzyl Alcohol
Concen: 43.152 ng
RT: 8.010 min Scan# 801
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

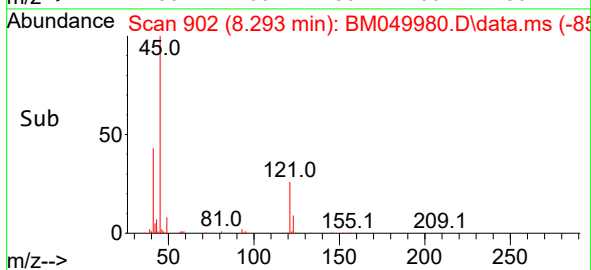
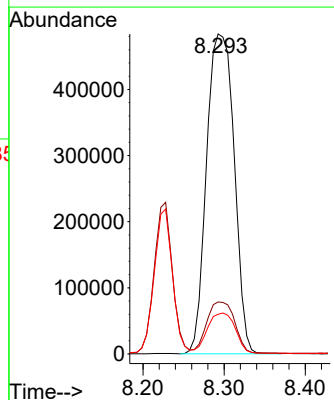
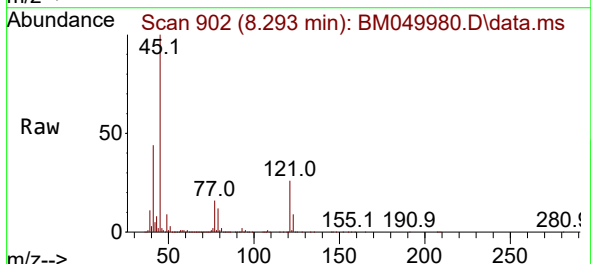
Instrument :
BNA_M
ClientSampleId :
PB167645BS

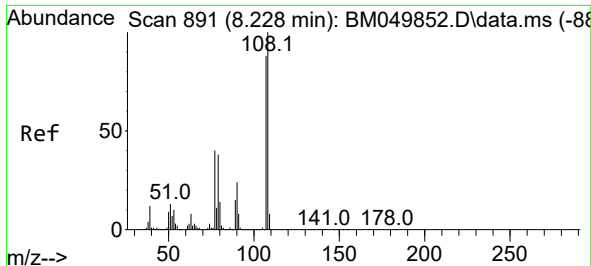
Tgt Ion: 79 Resp: 807273
Ion Ratio Lower Upper
79 100
108 80.3 63.6 95.4
77 64.3 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.066 ng
RT: 8.293 min Scan# 902
Delta R.T. -0.018 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion: 45 Resp: 1141979
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.9
79 12.4 0.0 32.9

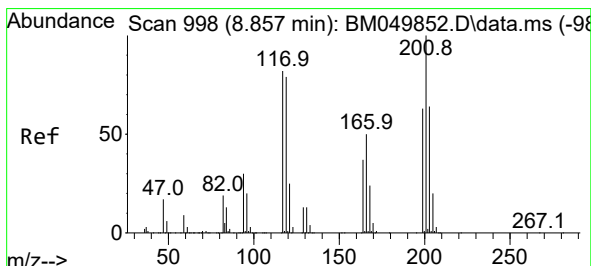
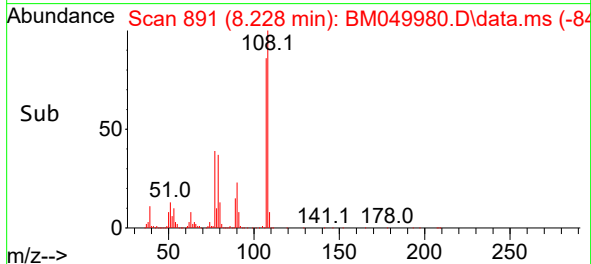
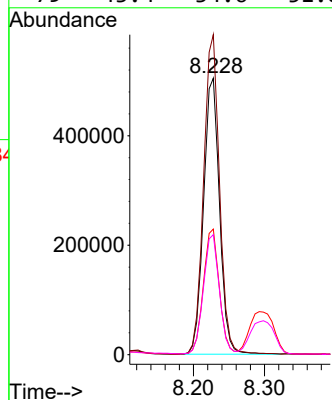
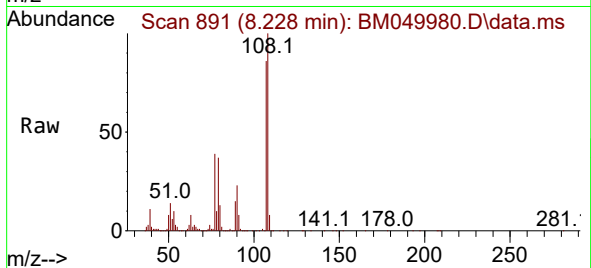




#17
2-Methylphenol
Concen: 44.311 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

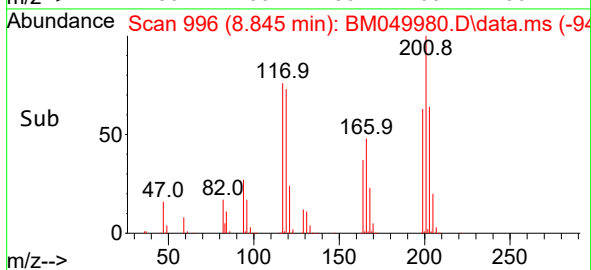
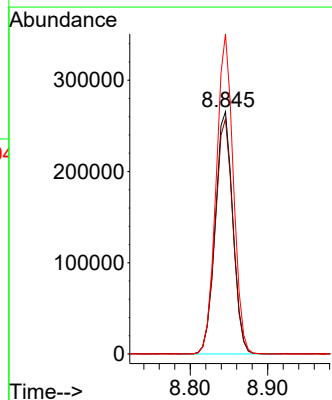
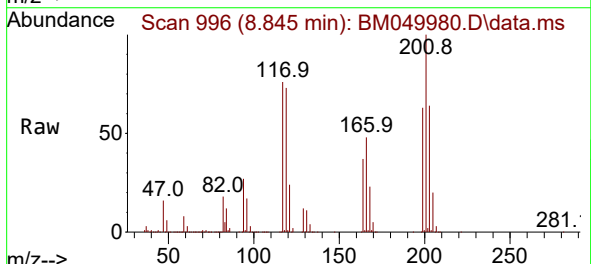
Instrument :
BNA_M
ClientSampleId :
PB167645BS

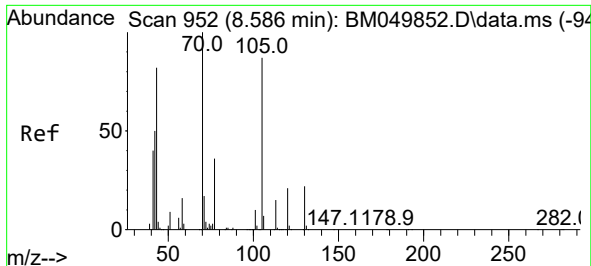
Tgt Ion:	107	Resp:	791650
Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.0	136.6
77	45.4	36.5	54.7
79	43.4	34.6	51.8



#18
Hexachloroethane
Concen: 41.451 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:	117	Resp:	419803
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.5	116.3
201	132.1	97.7	146.5

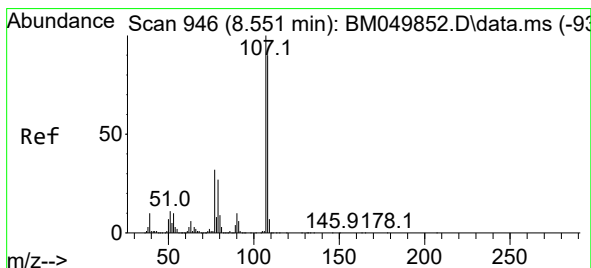
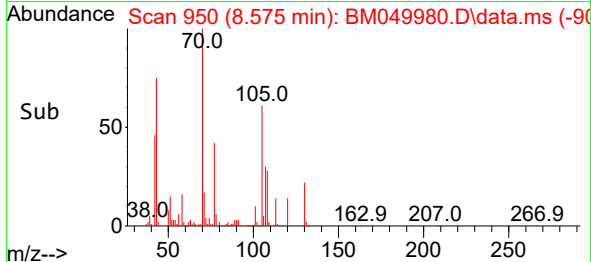
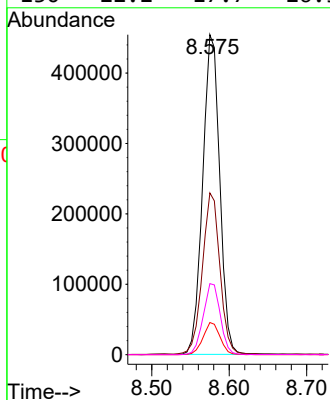
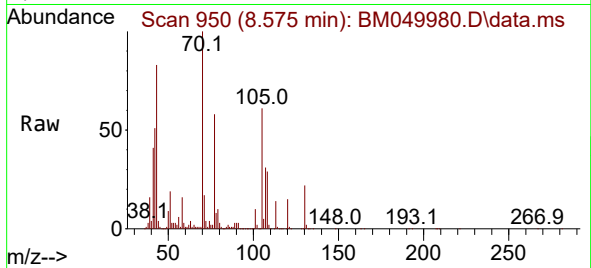




#19
n-Nitroso-di-n-propylamine
Concen: 42.149 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

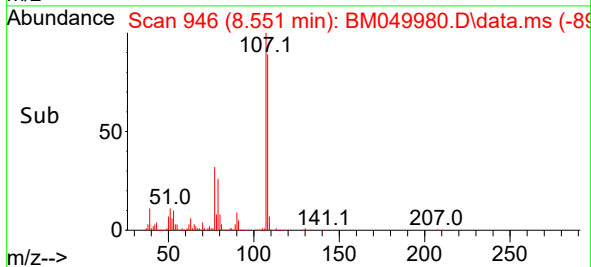
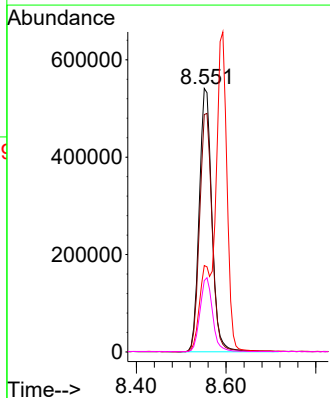
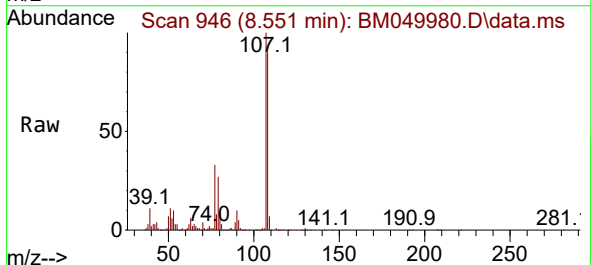
Instrument :
BNA_M
ClientSampleId :
PB167645BS

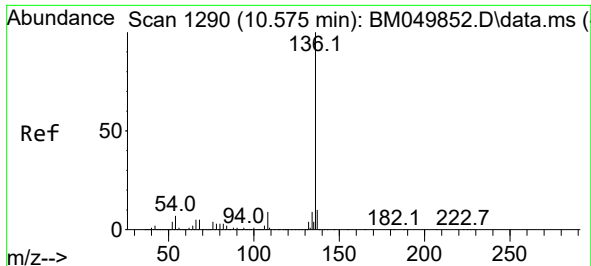
Tgt Ion: 70 Resp: 693522
Ion Ratio Lower Upper
70 100
42 50.5 40.2 60.2
101 10.1 7.9 11.9
130 22.2 17.7 26.5



#20
3+4-Methylphenols
Concen: 43.399 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion: 107 Resp: 1057066
Ion Ratio Lower Upper
107 100
108 90.1 69.6 109.6
77 32.8 11.7 51.7
79 27.1 7.3 47.3

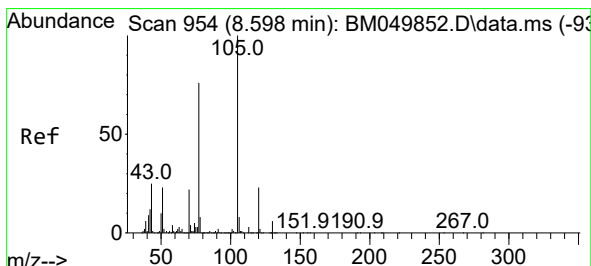
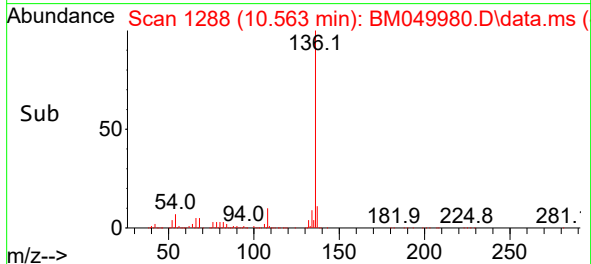
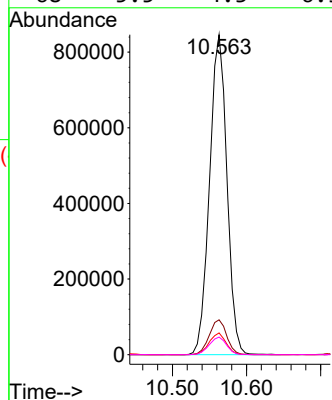
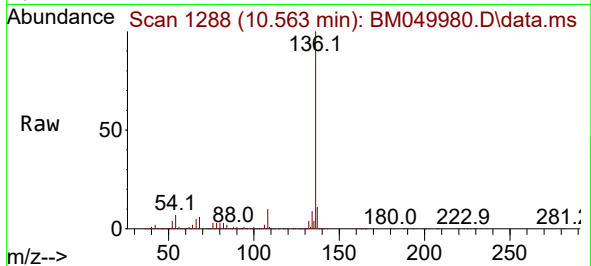




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

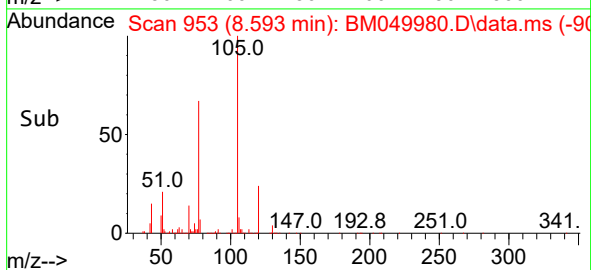
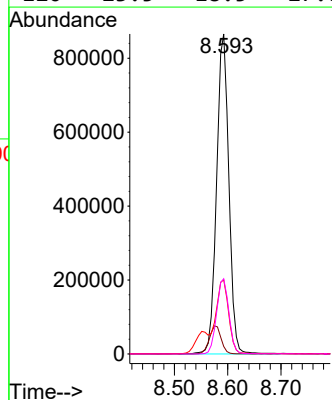
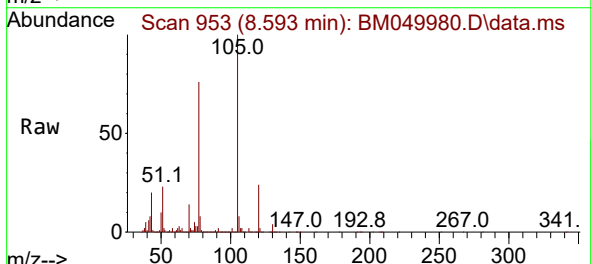
Instrument :
BNA_M
ClientSampleId :
PB167645BS

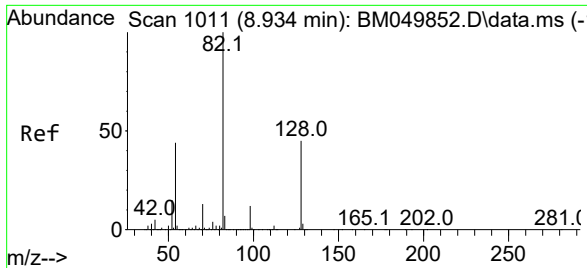
Tgt Ion:136 Resp: 1378196
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.8 5.3 7.9
68 5.5 4.3 6.5



#22
Acetophenone
Concen: 41.167 ng
RT: 8.593 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:105 Resp: 1378862
Ion Ratio Lower Upper
105 100
71 2.4 3.0 4.4#
51 23.2 18.6 27.8
120 23.5 18.5 27.7





#23

Nitrobenzene-d5

Concen: 82.528 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

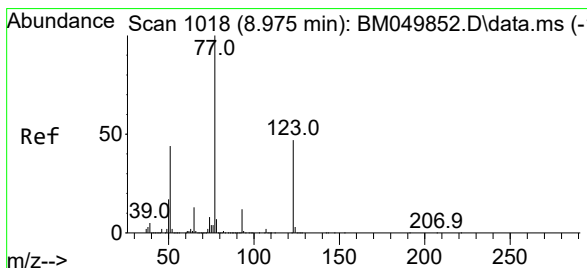
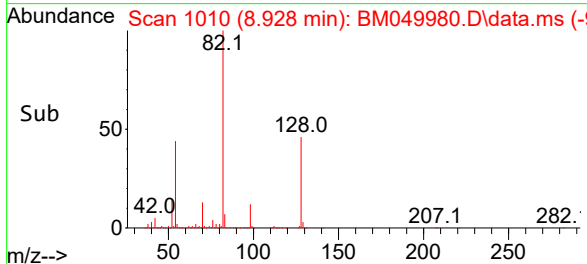
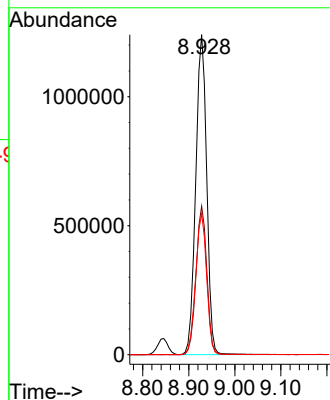
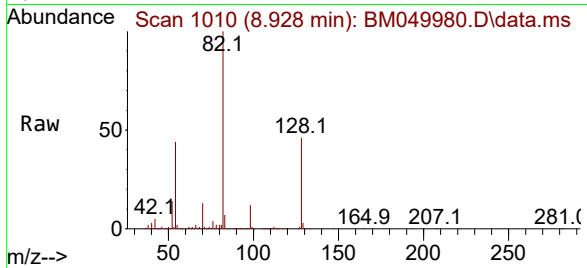
Tgt Ion: 82 Resp: 2042556

Ion Ratio Lower Upper

82 100

128 46.5 36.2 54.2

54 44.0 35.0 52.6



#24

Nitrobenzene

Concen: 41.676 ng

RT: 8.969 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

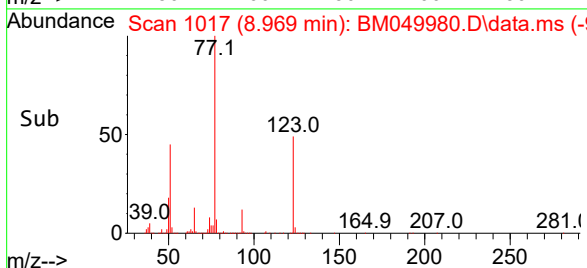
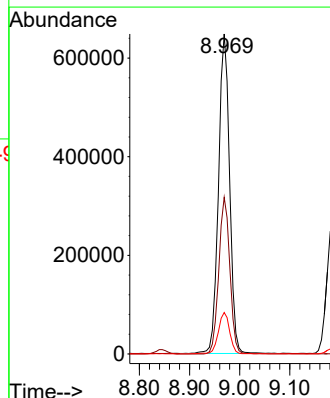
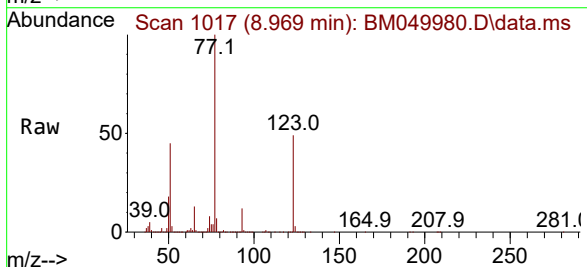
Tgt Ion: 77 Resp: 993197

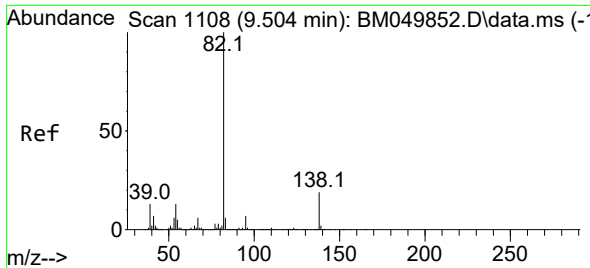
Ion Ratio Lower Upper

77 100

123 48.9 37.4 56.2

65 13.0 10.1 15.1

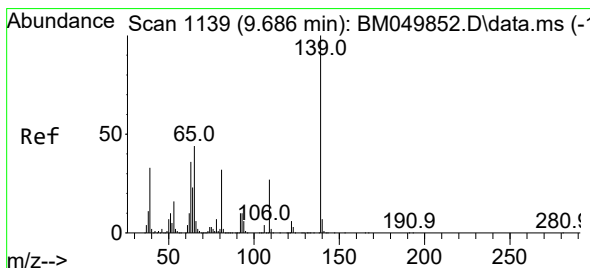
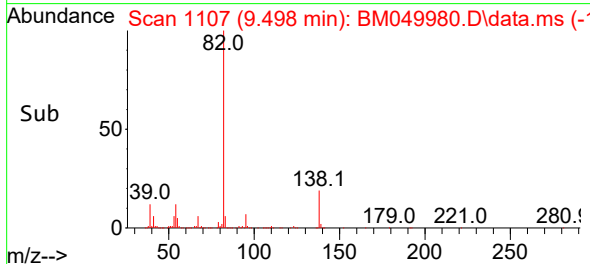
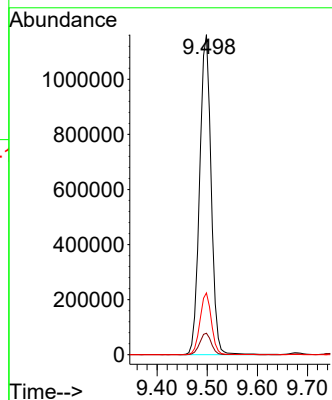
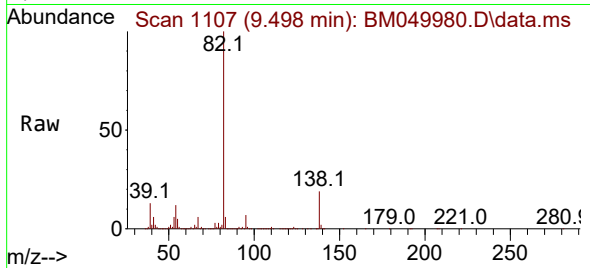




#25
Isophorone
Concen: 44.436 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

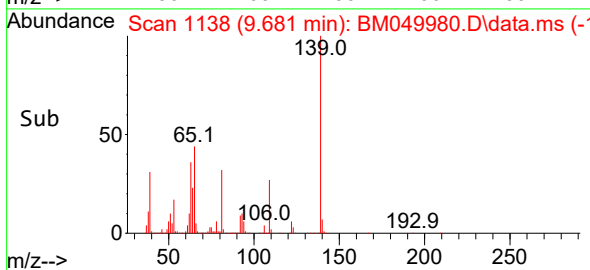
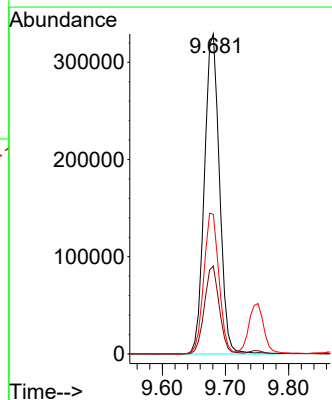
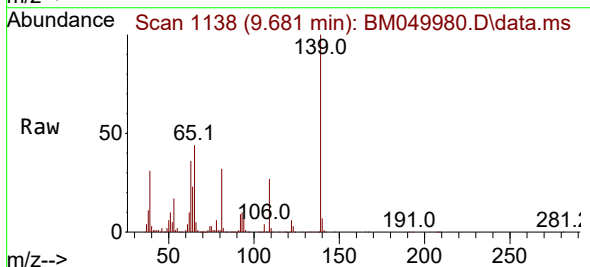
Instrument :
BNA_M
ClientSampleId :
PB167645BS

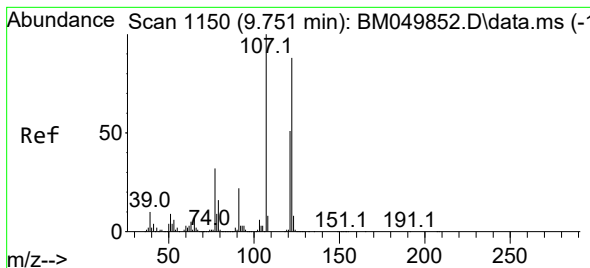
Tgt Ion: 82 Resp: 1842352
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 19.3 15.0 22.6



#26
2-Nitrophenol
Concen: 43.302 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion: 139 Resp: 546955
Ion Ratio Lower Upper
139 100
109 27.5 21.7 32.5
65 43.7 35.2 52.8

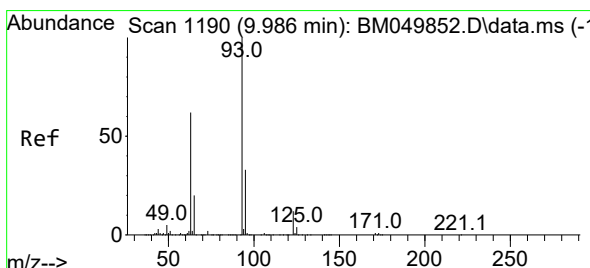
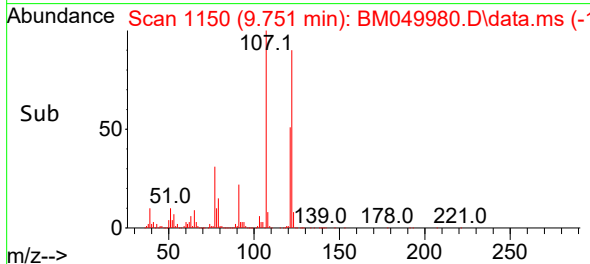
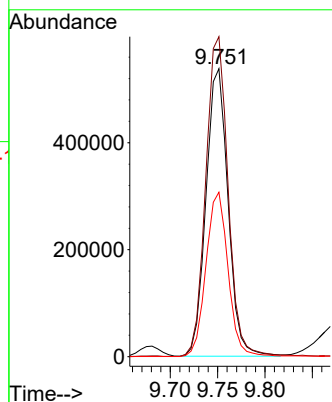
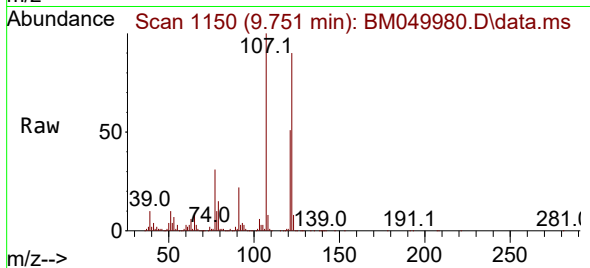




#27
 2,4-Dimethylphenol
 Concen: 60.841 ng
 RT: 9.751 min Scan# 1150
 Delta R.T. 0.000 min
 Lab File: BM049980.D
 Acq: 21 Apr 2025 11:15

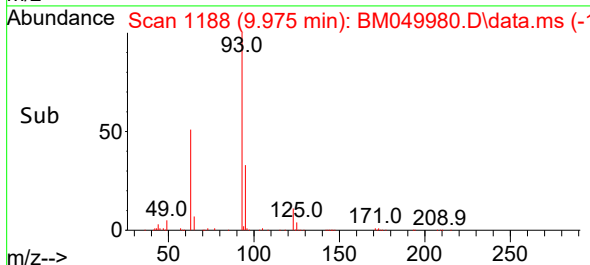
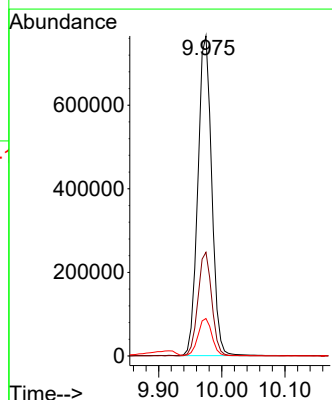
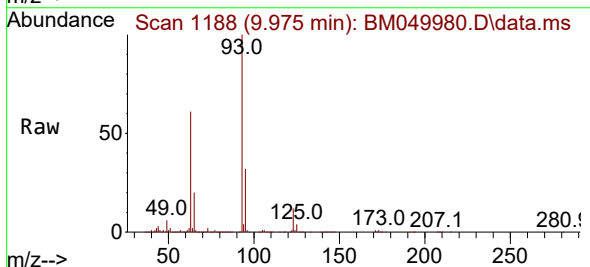
Instrument :
 BNA_M
 ClientSampleId :
 PB167645BS

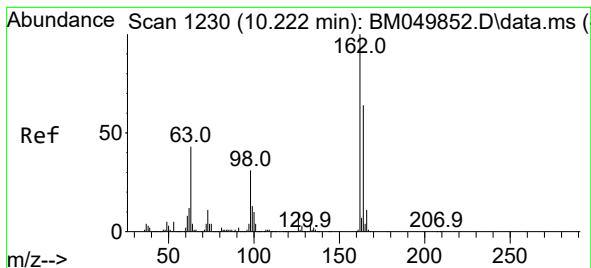
Tgt Ion:122 Resp: 870924
 Ion Ratio Lower Upper
 122 100
 107 111.1 90.3 135.5
 121 57.1 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.868 ng
 RT: 9.975 min Scan# 1188
 Delta R.T. -0.012 min
 Lab File: BM049980.D
 Acq: 21 Apr 2025 11:15

Tgt Ion: 93 Resp: 1162126
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.6 40.0
 123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.615 ng

RT: 10.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

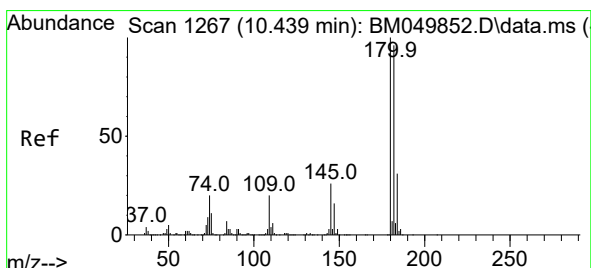
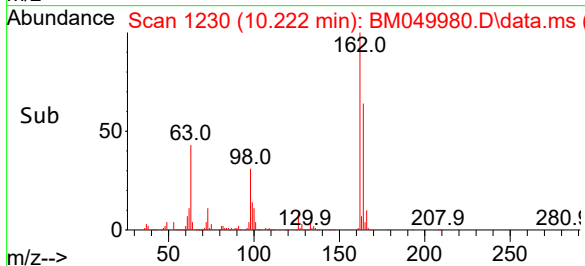
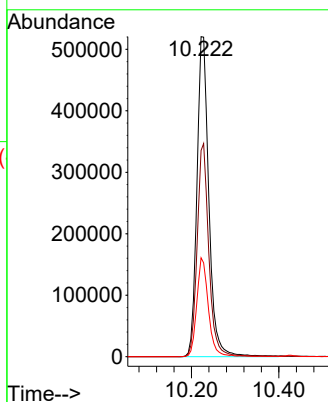
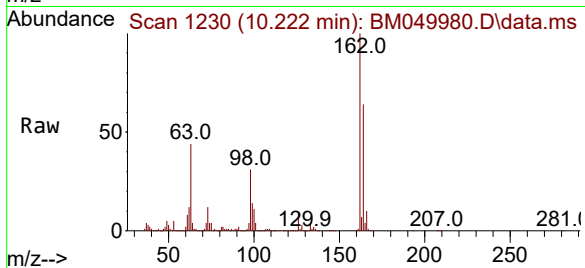
Tgt Ion:162 Resp: 990222

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 30.9 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 42.194 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

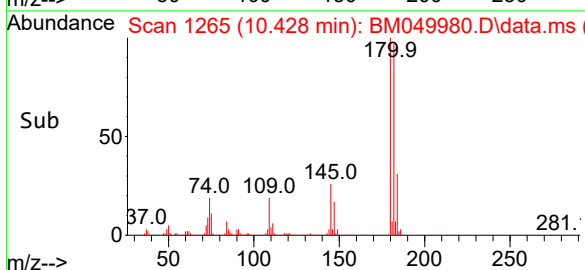
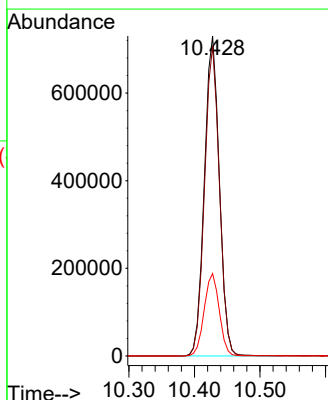
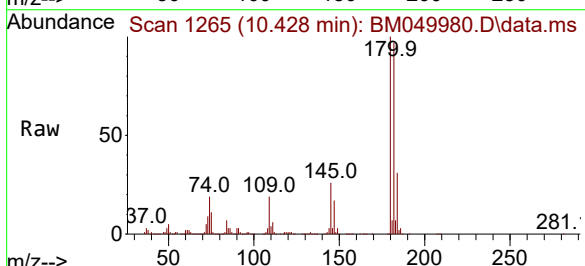
Tgt Ion:180 Resp: 1161491

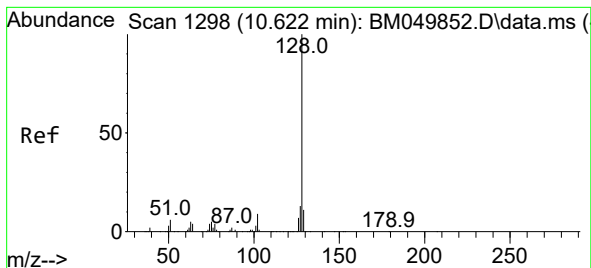
Ion Ratio Lower Upper

180 100

182 96.8 76.7 115.1

145 25.8 20.8 31.2

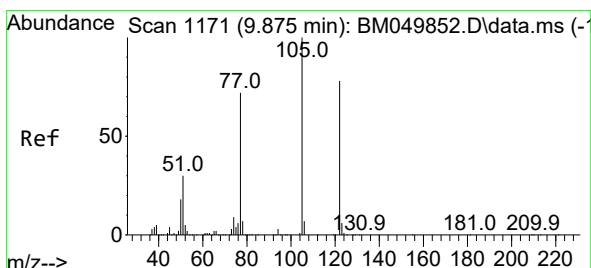
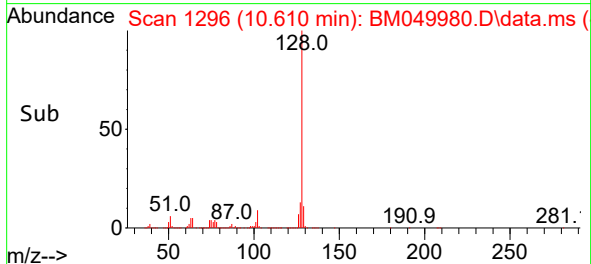
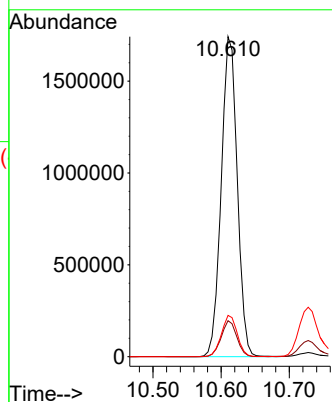
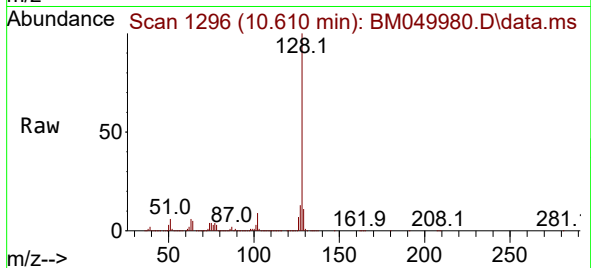




#31
Naphthalene
Concen: 40.200 ng
RT: 10.610 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

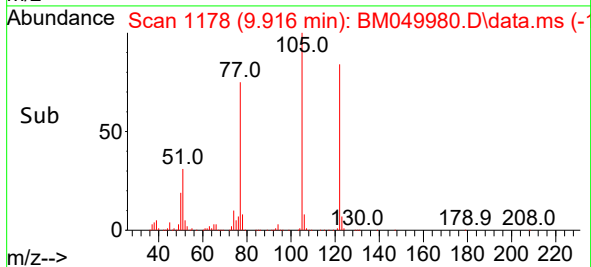
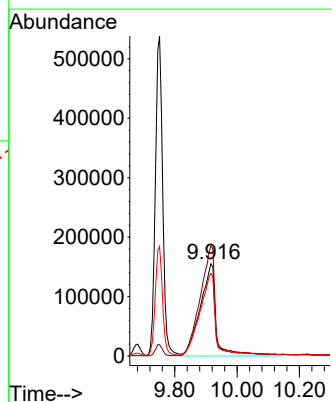
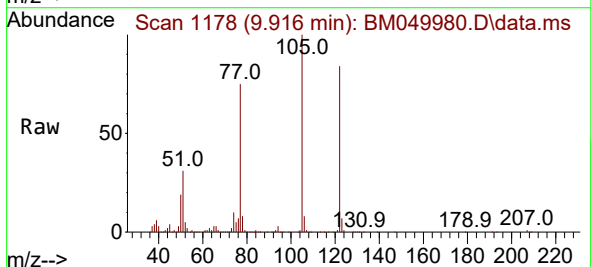
Instrument :
BNA_M
ClientSampleId :
PB167645BS

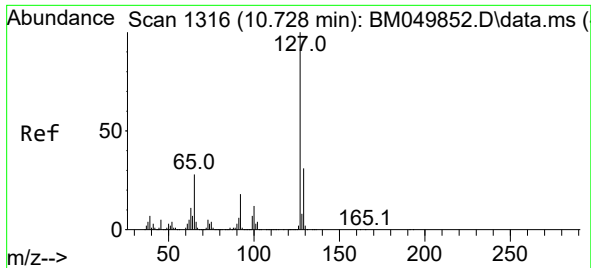
Tgt Ion:128 Resp: 2846837
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 33.900 ng m
RT: 9.916 min Scan# 1178
Delta R.T. 0.041 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:122 Resp: 547361
Ion Ratio Lower Upper
122 100
105 119.5 103.8 143.8
77 89.6 70.7 110.7

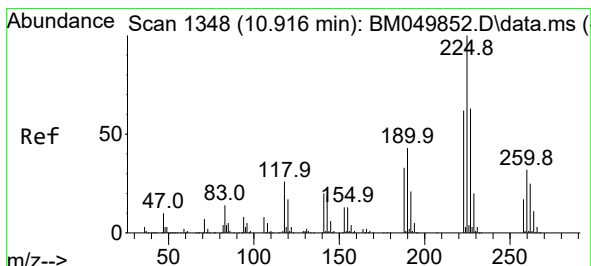
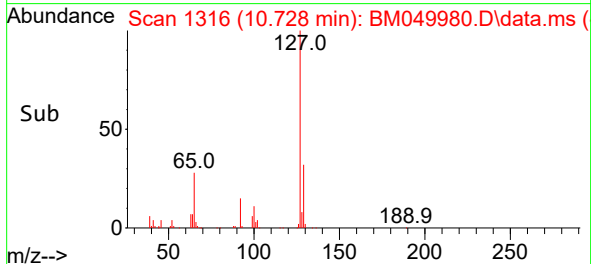
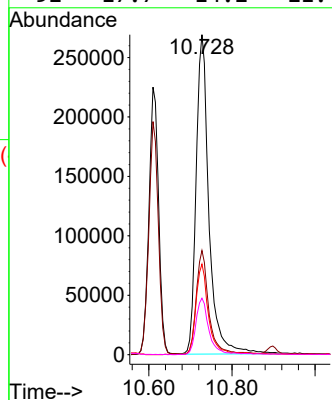
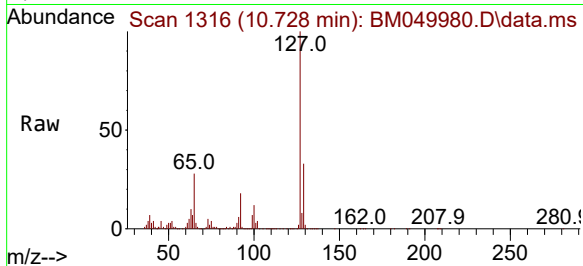




#33
4-Chloroaniline
Concen: 23.018 ng
RT: 10.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

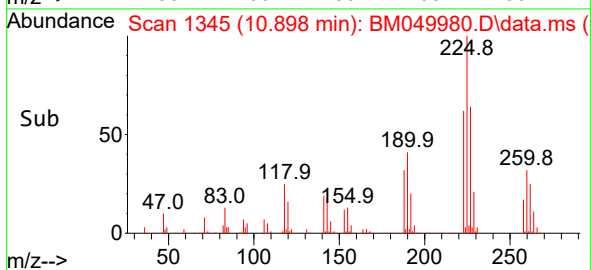
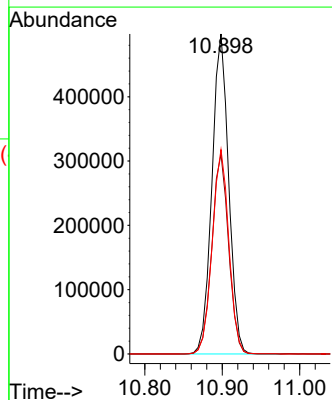
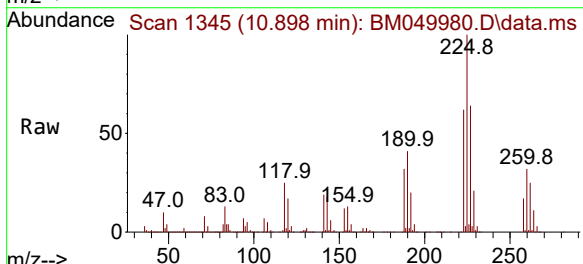
Instrument :
BNA_M
ClientSampleId :
PB167645BS

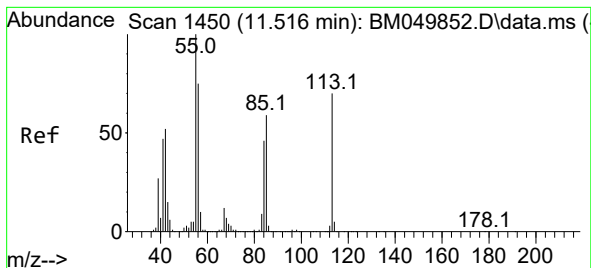
Tgt Ion:	127	Resp:	575602
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.9	37.3
65	28.3	22.4	33.6
92	17.7	14.2	21.4



#34
Hexachlorobutadiene
Concen: 43.693 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.018 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:	225	Resp:	743966
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.2
227	63.9	50.1	75.1

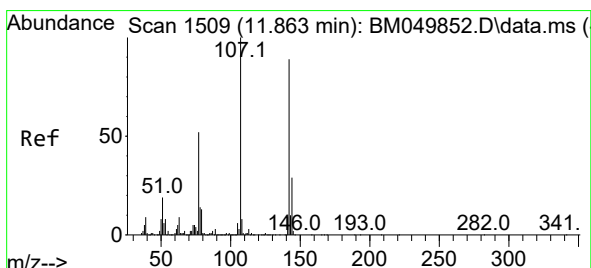
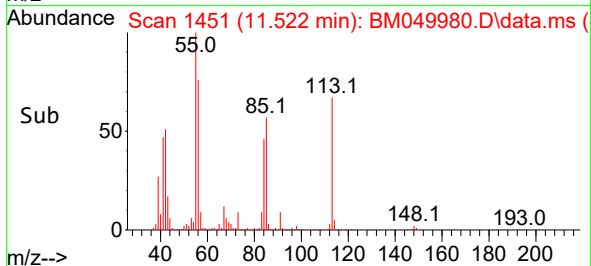
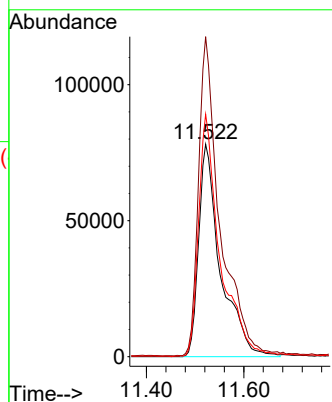
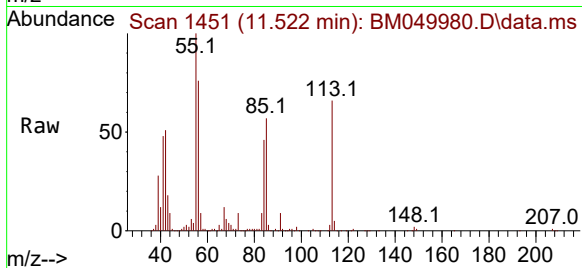




#35
Caprolactam
Concen: 35.625 ng
RT: 11.522 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

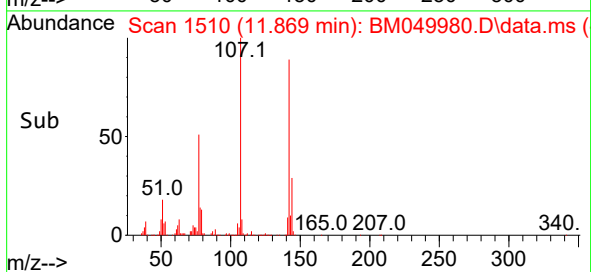
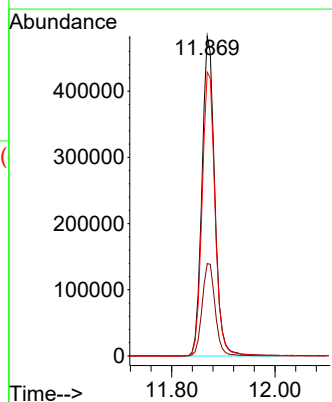
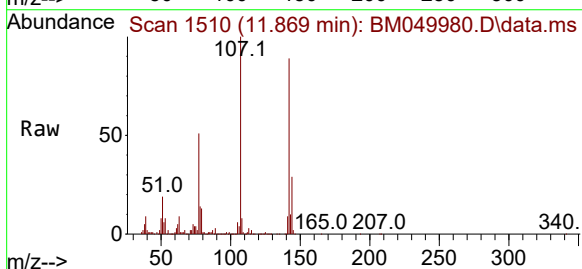
Instrument :
BNA_M
ClientSampleId :
PB167645BS

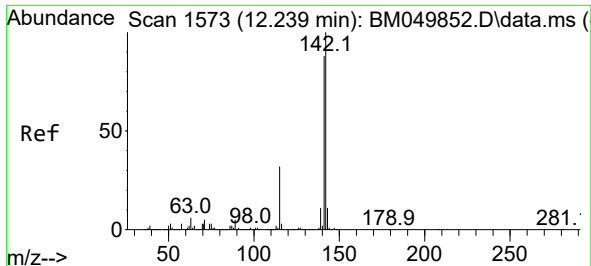
Tgt Ion:113 Resp: 243129
Ion Ratio Lower Upper
113 100
55 150.6 124.3 164.3
56 114.1 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 39.686 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:107 Resp: 827174
Ion Ratio Lower Upper
107 100
144 28.8 23.6 35.4
142 88.7 71.4 107.0

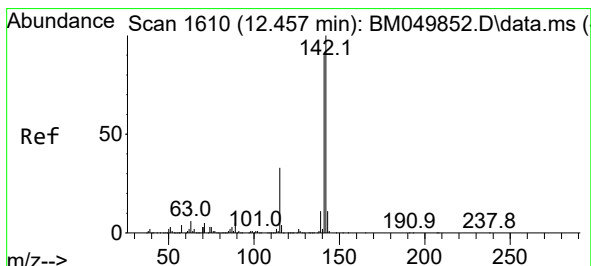
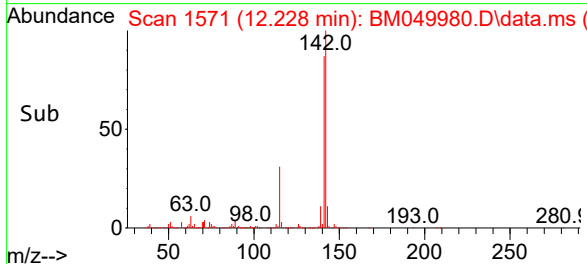
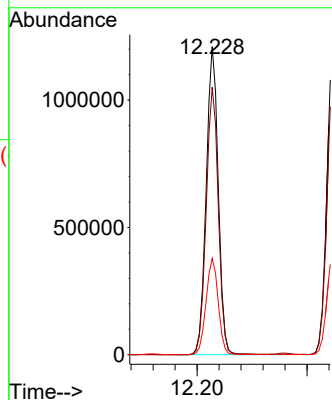
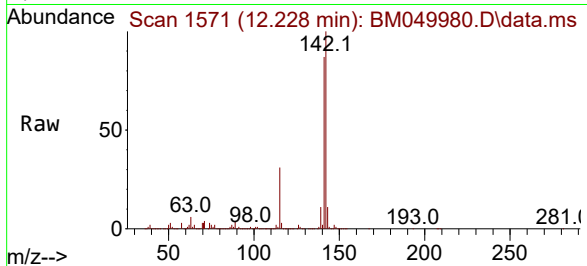




#37
2-Methylnaphthalene
Concen: 36.798 ng
RT: 12.228 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

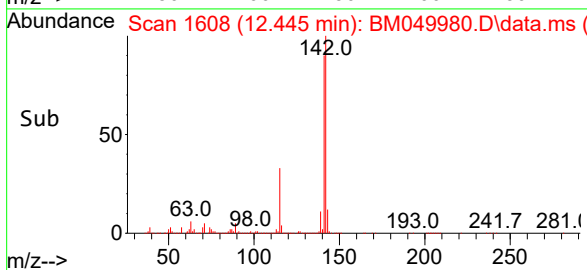
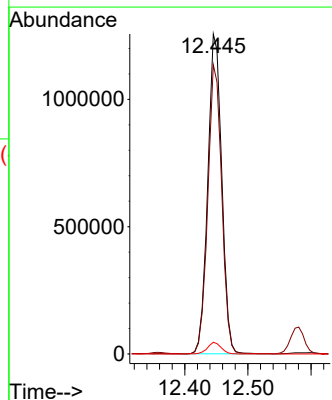
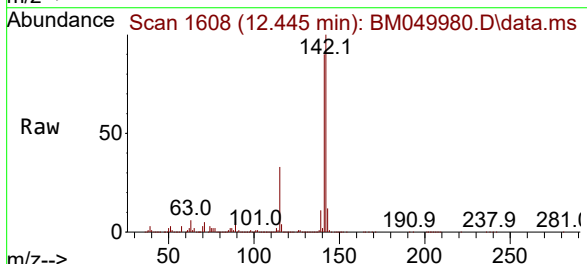
Instrument :
BNA_M
ClientSampleId :
PB167645BS

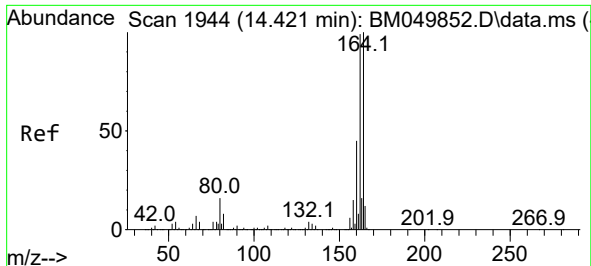
Tgt Ion:142 Resp: 1836048
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.2
115 31.3 25.4 38.2



#38
1-Methylnaphthalene
Concen: 39.782 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:142 Resp: 1933779
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2
116 3.7 2.9 4.3

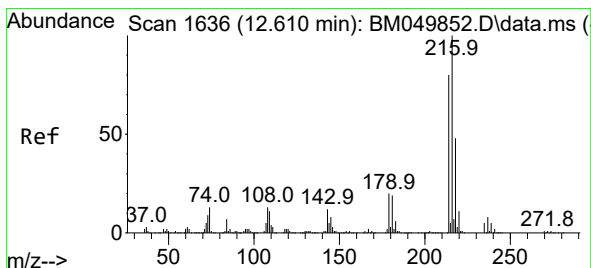
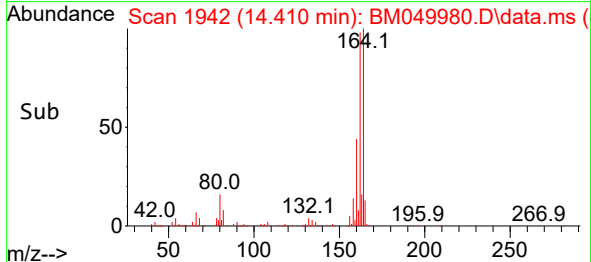
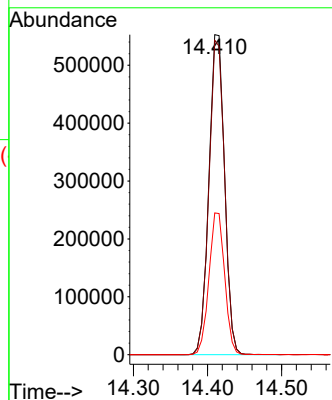
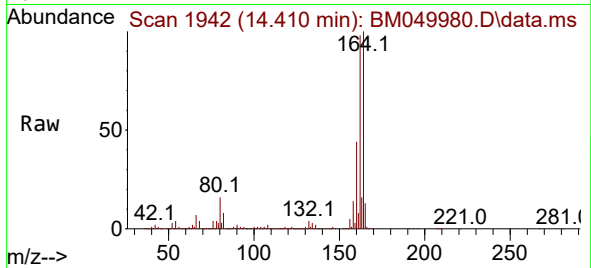




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

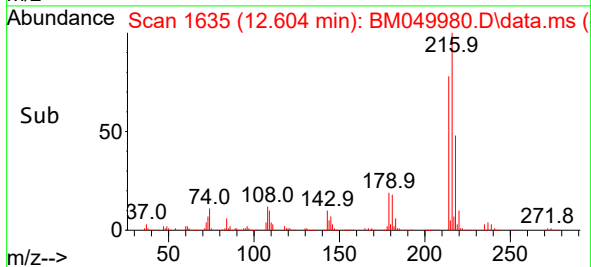
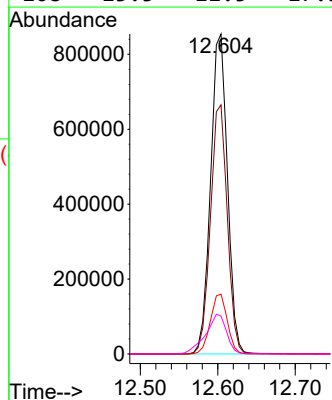
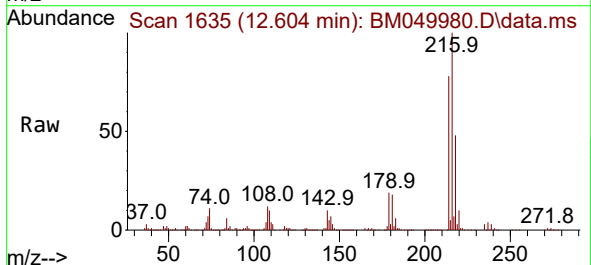
Instrument :
BNA_M
ClientSampleId :
PB167645BS

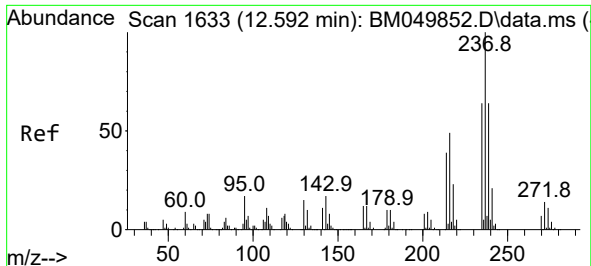
Tgt Ion:164 Resp: 810401
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.0
160 44.3 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.516 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

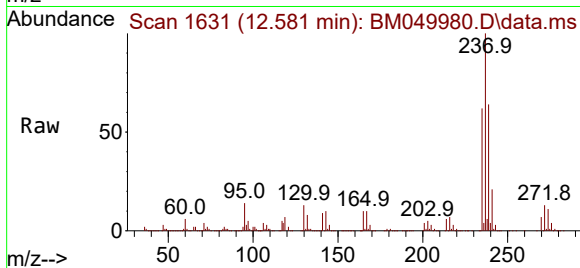
Tgt Ion:216 Resp: 1290451
Ion Ratio Lower Upper
216 100
214 78.0 63.2 94.8
179 18.8 15.8 23.6
108 15.5 11.5 17.3



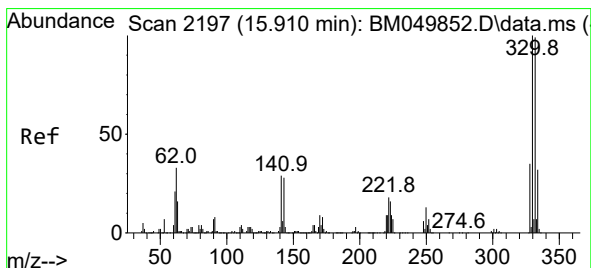
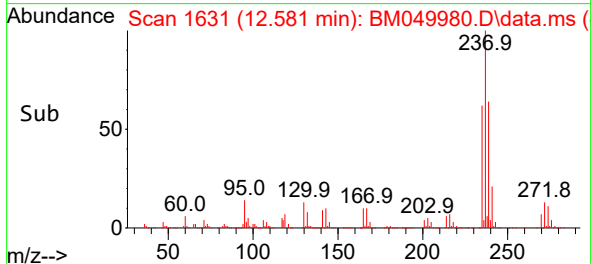
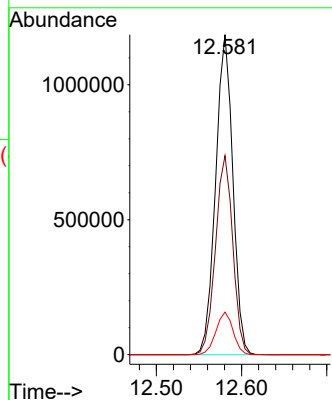


#41
Hexachlorocyclopentadiene
Concen: 167.595 ng
RT: 12.581 min Scan# 1631
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Instrument :
BNA_M
ClientSampleId :
PB167645BS

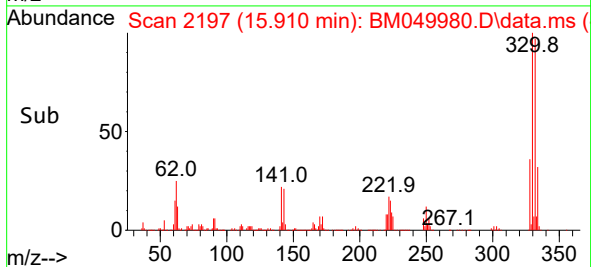
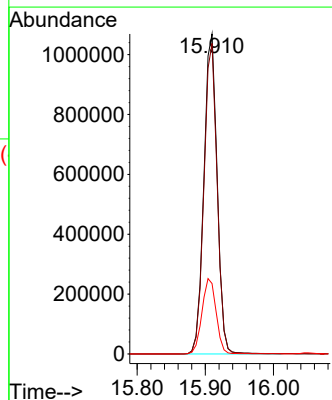
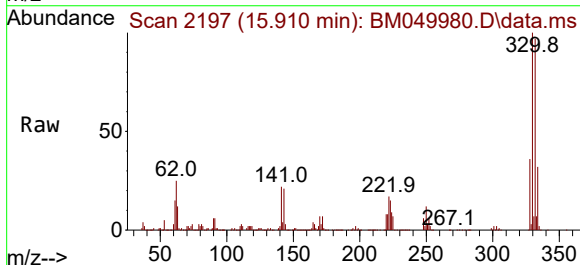


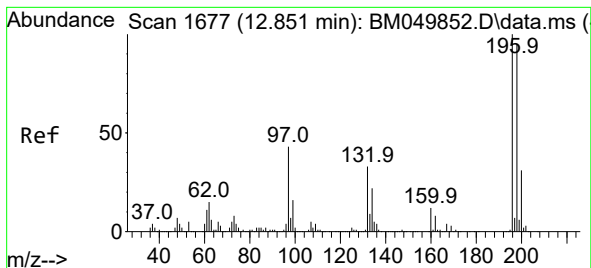
Tgt Ion:237 Resp: 1664984
Ion Ratio Lower Upper
237 100
235 62.2 43.7 83.7
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 122.719 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:330 Resp: 1446565
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 25.1 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 44.436 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

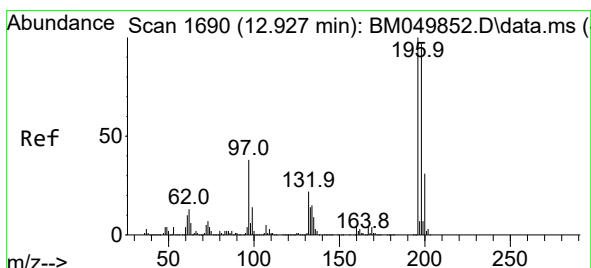
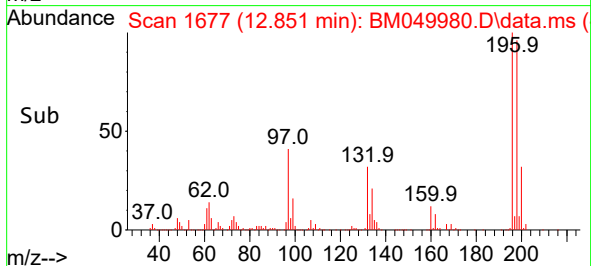
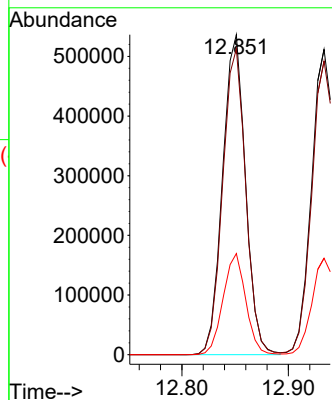
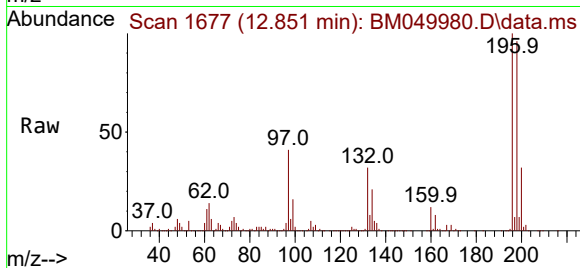
Tgt Ion:196 Resp: 801684

Ion Ratio Lower Upper

196 100

198 95.6 76.1 114.1

200 31.6 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 43.472 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Tgt Ion:196 Resp: 852296

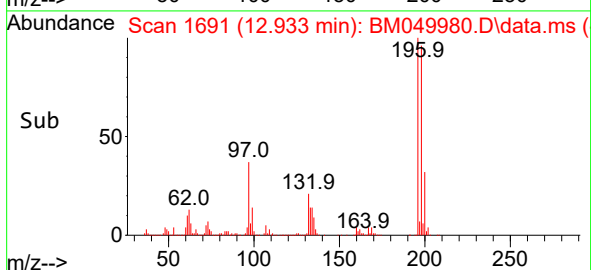
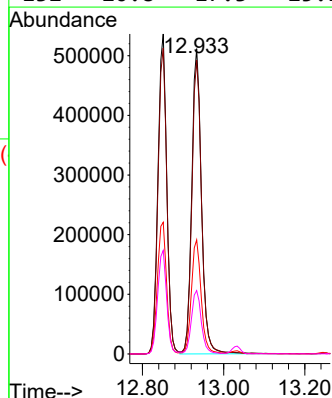
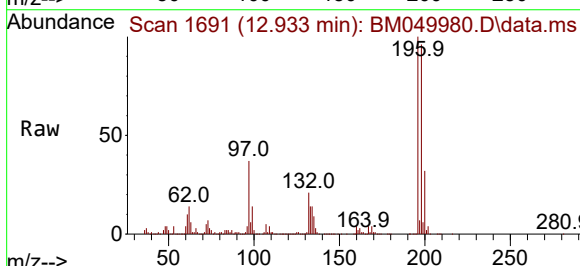
Ion Ratio Lower Upper

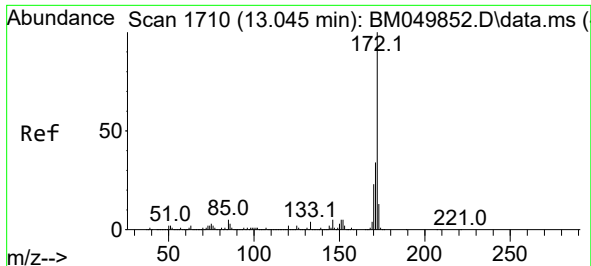
196 100

198 96.2 77.7 116.5

97 37.4 30.3 45.5

132 20.8 17.3 25.9

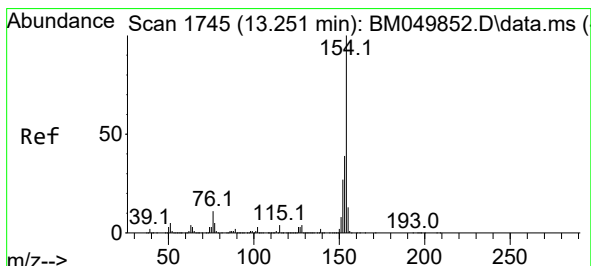
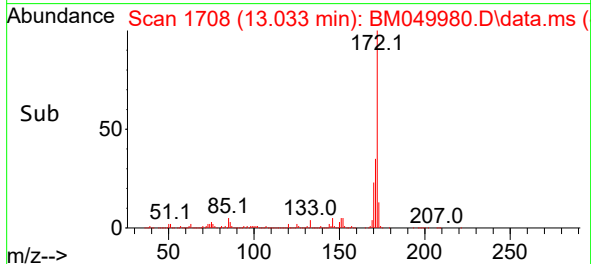
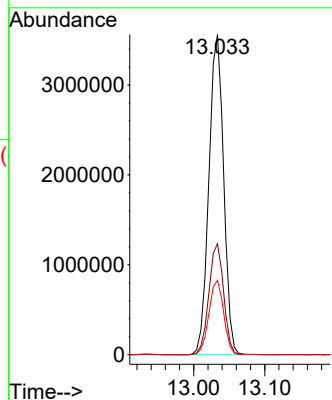
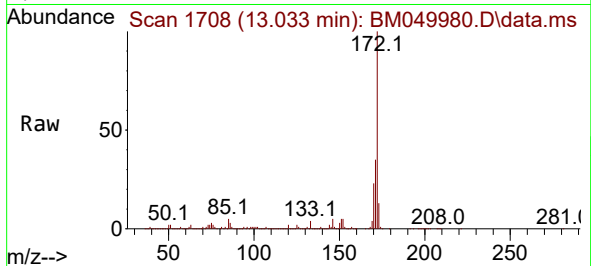




#45
2-Fluorobiphenyl
Concen: 86.150 ng
RT: 13.033 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

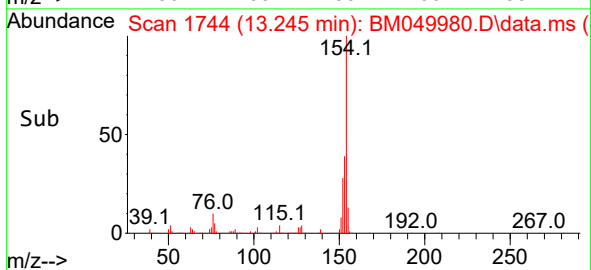
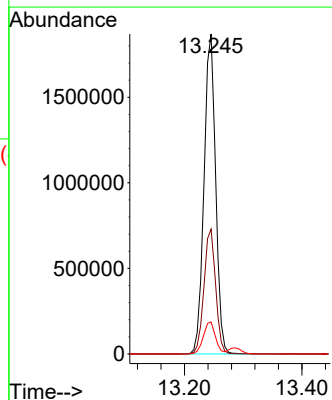
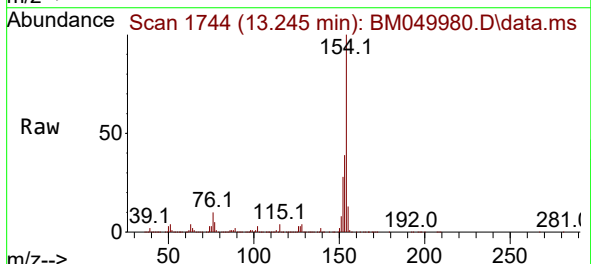
Instrument :
BNA_M
ClientSampleId :
PB167645BS

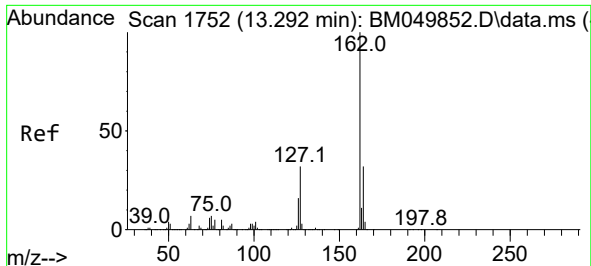
Tgt Ion:172 Resp: 5148618
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.731 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:154 Resp: 2574209
Ion Ratio Lower Upper
154 100
153 39.0 19.3 59.3
76 10.0 0.0 30.7





#47

2-Chloronaphthalene

Concen: 43.074 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

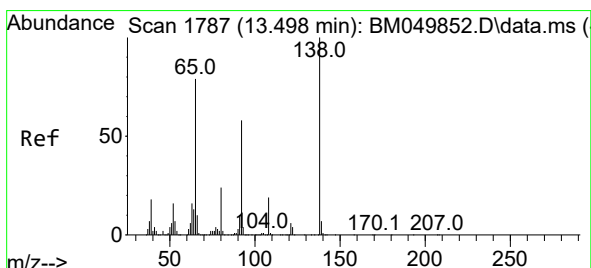
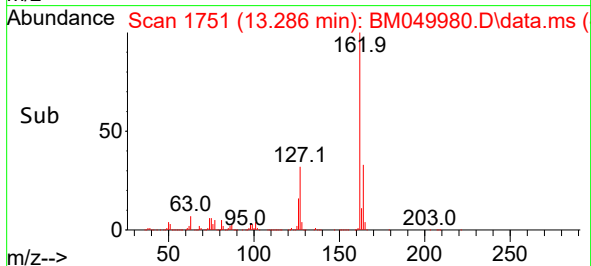
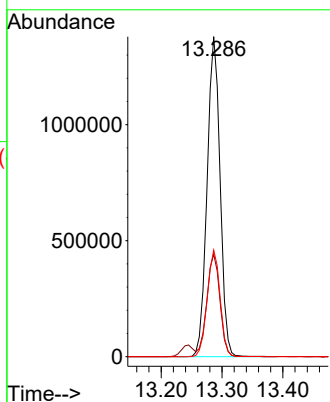
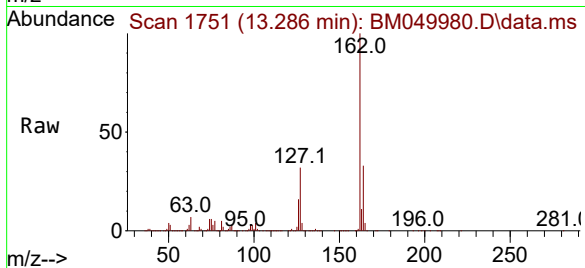
Tgt Ion:162 Resp: 2039547

Ion Ratio Lower Upper

162 100

127 32.0 26.0 39.0

164 33.3 25.9 38.9



#48

2-Nitroaniline

Concen: 42.808 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

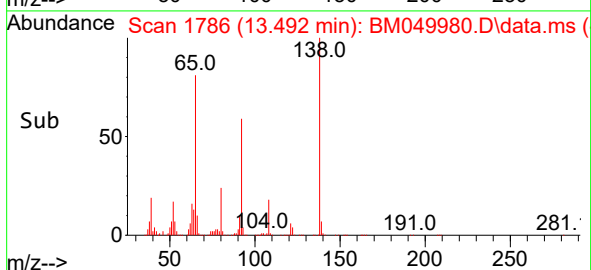
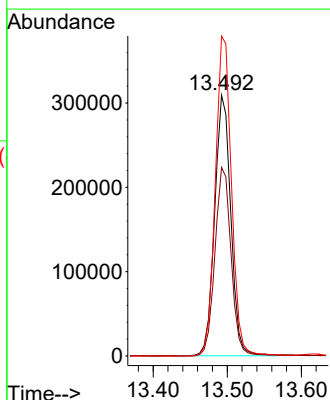
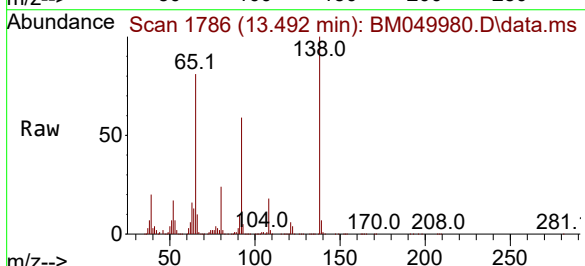
Tgt Ion: 65 Resp: 468922

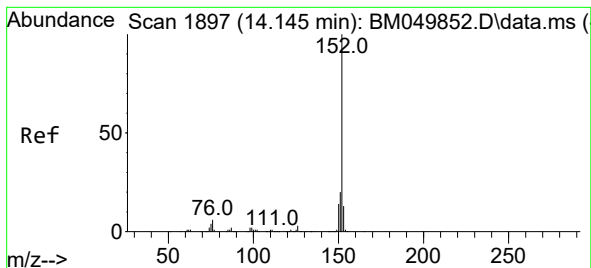
Ion Ratio Lower Upper

65 100

92 72.3 58.4 87.6

138 122.7 100.8 151.2





#49

Acenaphthylene

Concen: 45.457 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.012 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

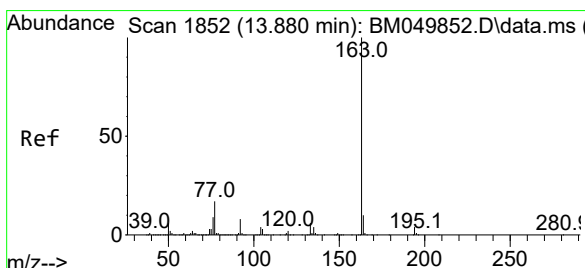
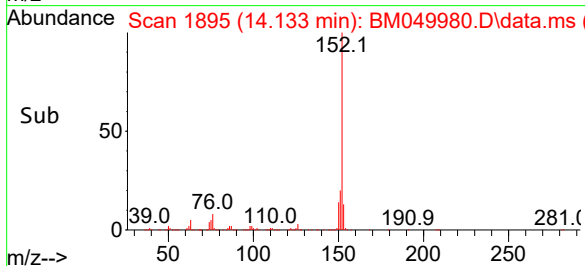
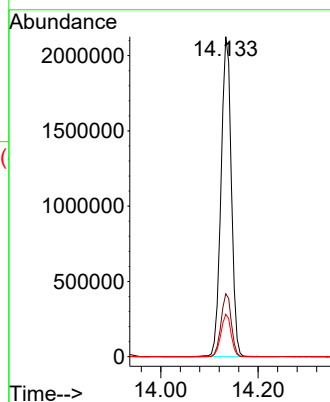
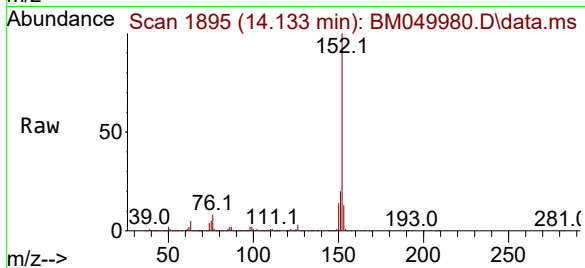
Tgt Ion:152 Resp: 3135276

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 40.638 ng

RT: 13.875 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

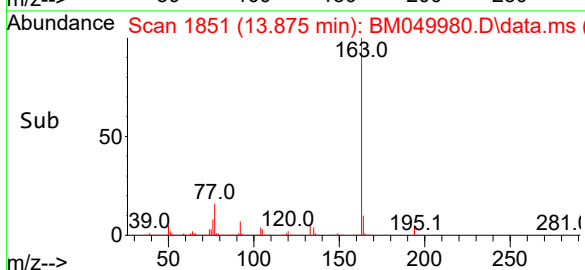
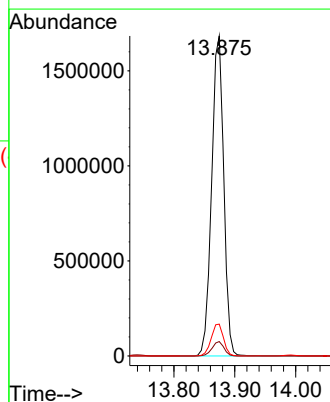
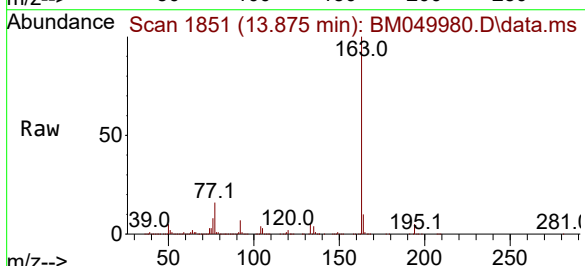
Tgt Ion:163 Resp: 2323401

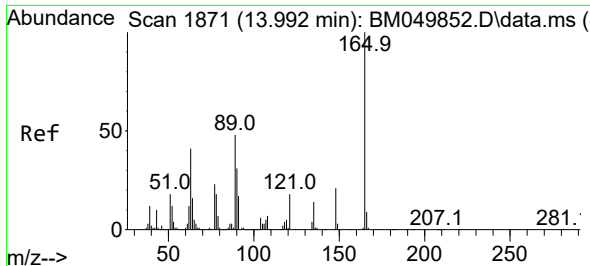
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.0 7.9 11.9

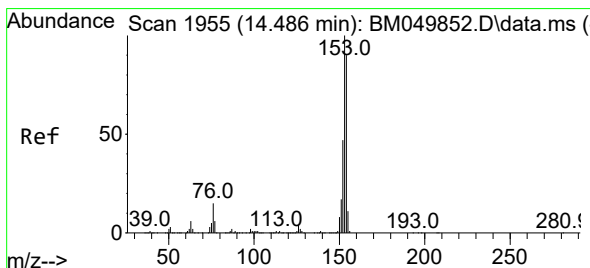
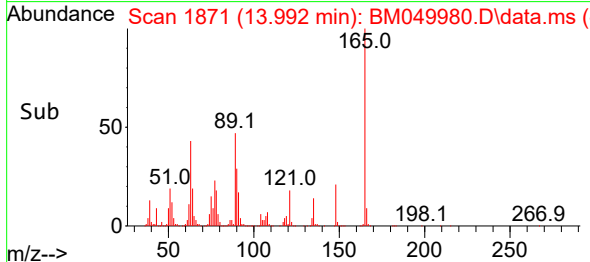
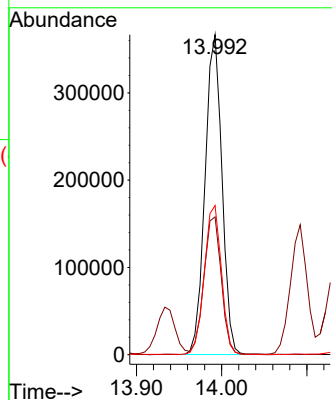
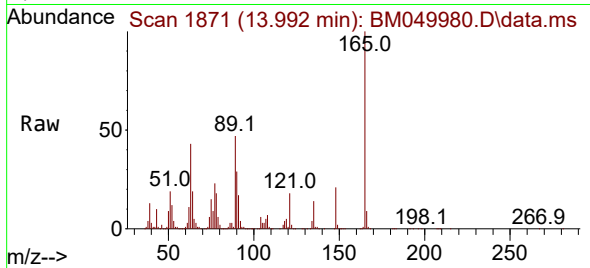




#51
2,6-Dinitrotoluene
Concen: 42.250 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

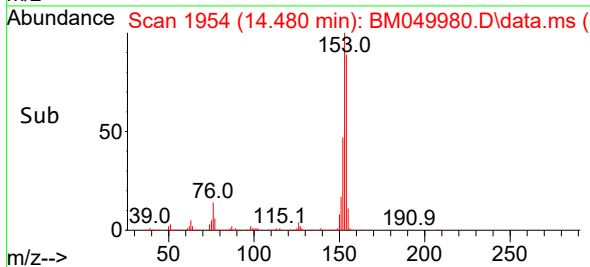
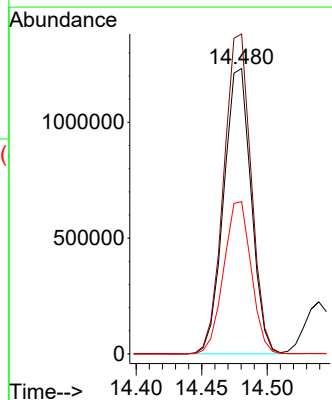
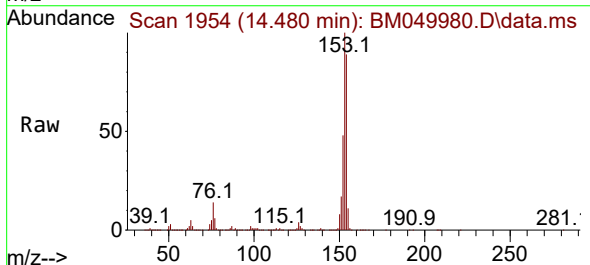
Instrument :
BNA_M
ClientSampleId :
PB167645BS

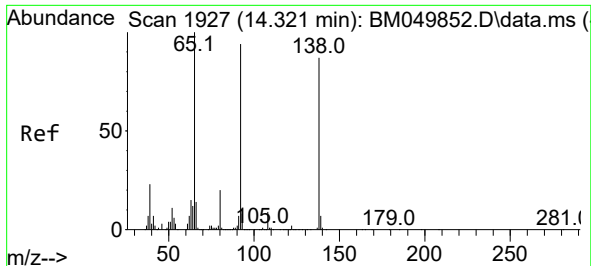
Tgt Ion:165 Resp: 506087
Ion Ratio Lower Upper
165 100
63 43.0 36.1 54.1
89 46.6 38.3 57.5



#52
Acenaphthene
Concen: 40.950 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:154 Resp: 1796540
Ion Ratio Lower Upper
154 100
153 112.1 89.3 133.9
152 53.4 42.2 63.2

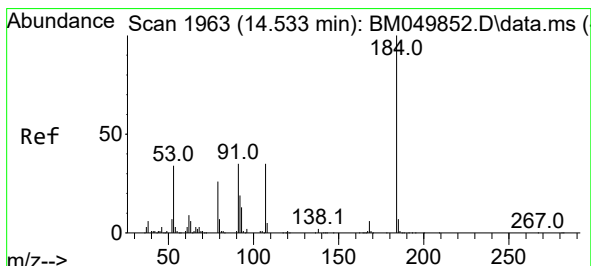
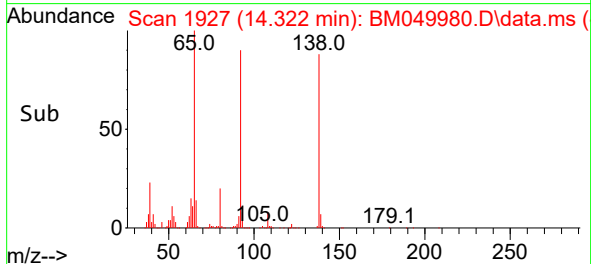
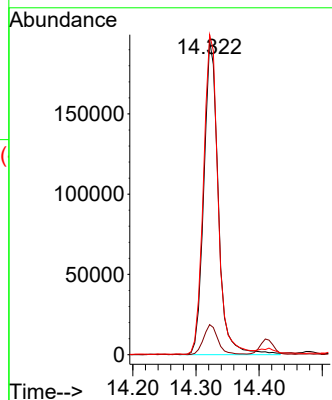
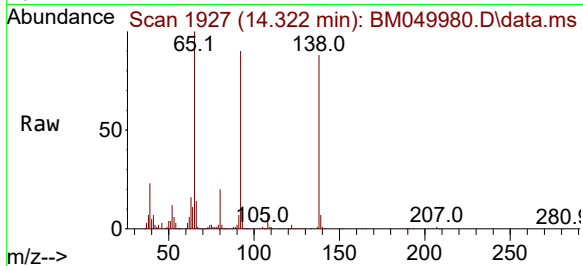




#53
3-Nitroaniline
Concen: 26.937 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

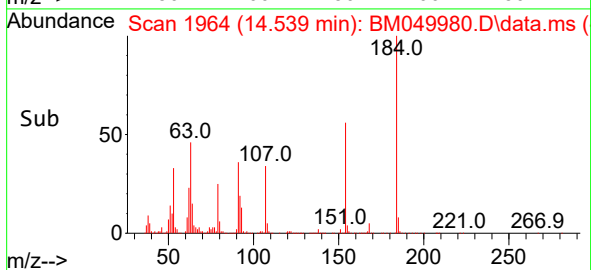
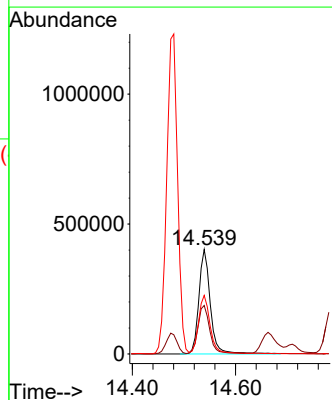
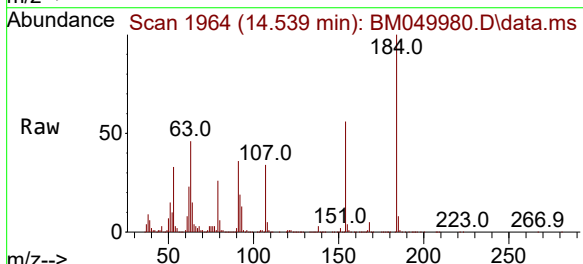
Instrument :
BNA_M
ClientSampleId :
PB167645BS

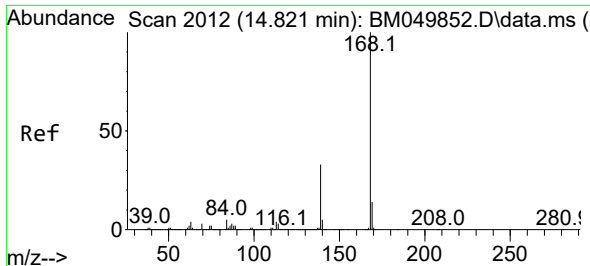
Tgt Ion:138 Resp: 311855
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 101.9 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 72.325 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:184 Resp: 620782
Ion Ratio Lower Upper
184 100
63 46.4 38.4 57.6
154 56.0 48.1 72.1

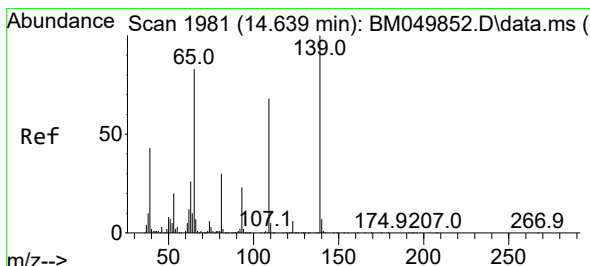
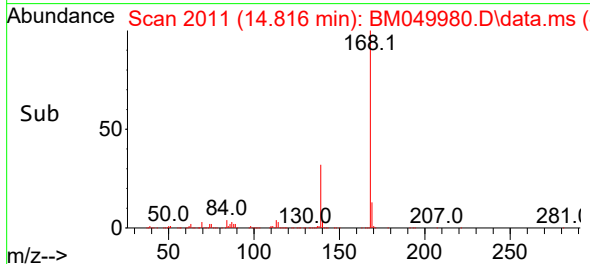
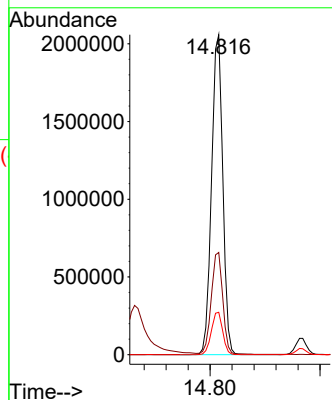
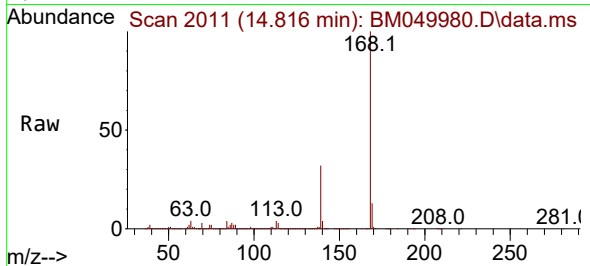




#55
Dibenzenofuran
Concen: 39.768 ng
RT: 14.816 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

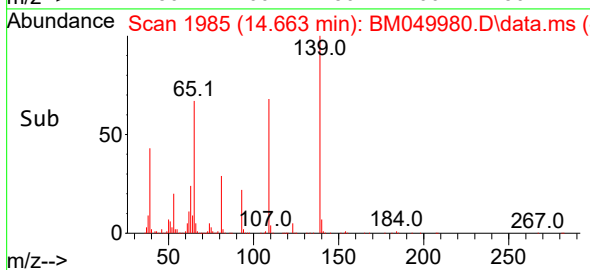
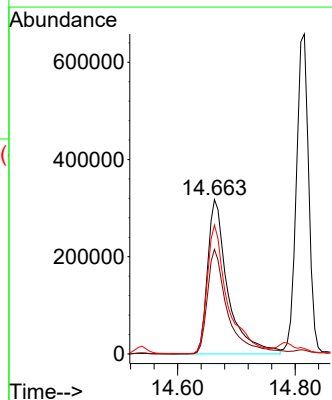
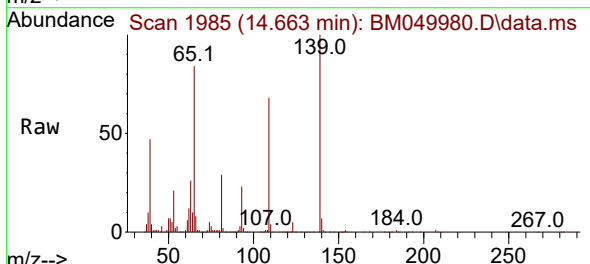
Instrument :
BNA_M
ClientSampleId :
PB167645BS

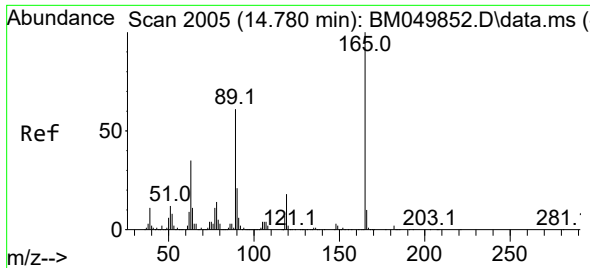
Tgt Ion:168 Resp: 2916639
Ion Ratio Lower Upper
168 100
139 32.0 26.6 39.8
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 73.846 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.024 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:139 Resp: 761858
Ion Ratio Lower Upper
139 100
109 67.8 47.9 87.9
65 83.6 62.7 102.7





#57

2,4-Dinitrotoluene

Concen: 43.076 ng

RT: 14.786 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

Tgt Ion:165 Resp: 688368

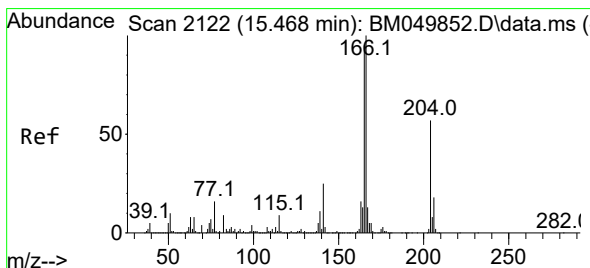
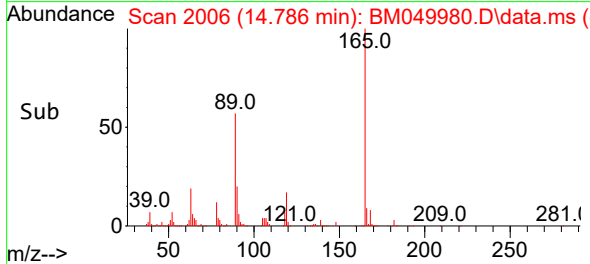
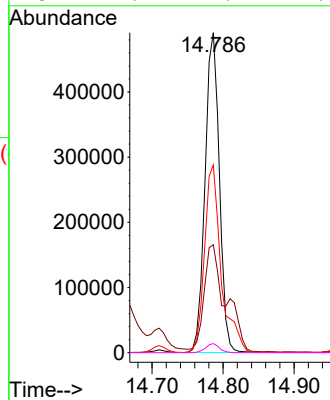
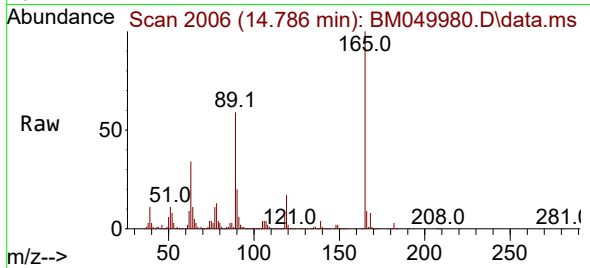
Ion Ratio Lower Upper

165 100

63 33.8 28.6 42.8

89 58.6 49.0 73.6

182 2.9 1.9 2.9



#58

Fluorene

Concen: 40.563 ng

RT: 15.463 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

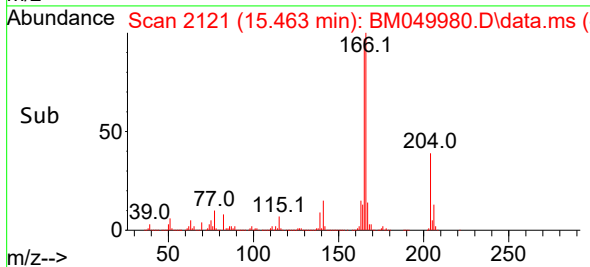
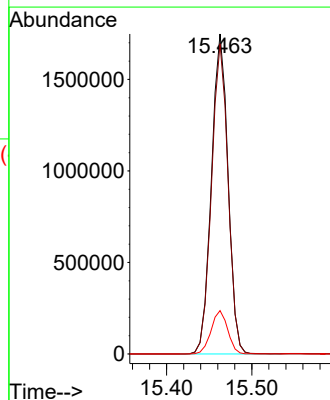
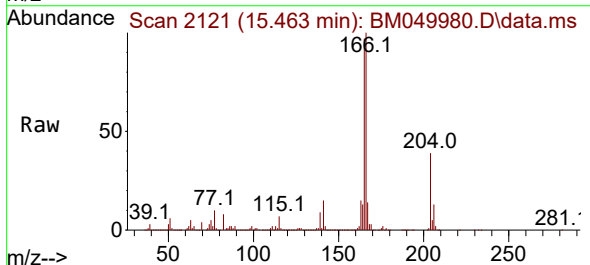
Tgt Ion:166 Resp: 2364711

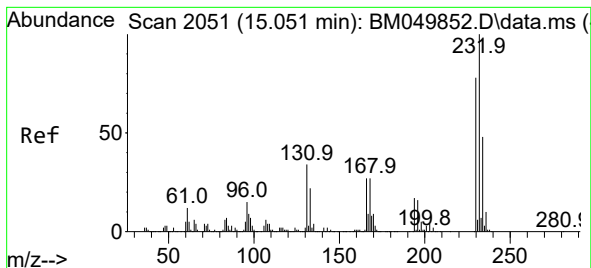
Ion Ratio Lower Upper

166 100

165 97.0 76.3 114.5

167 13.5 10.7 16.1

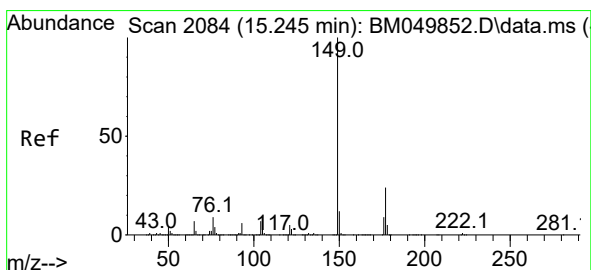
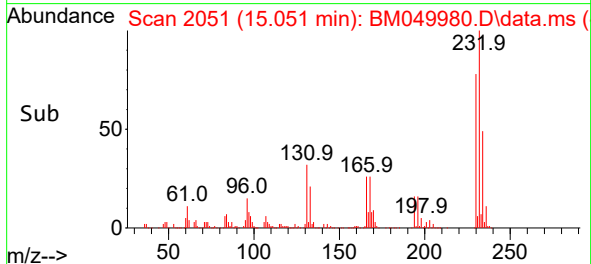
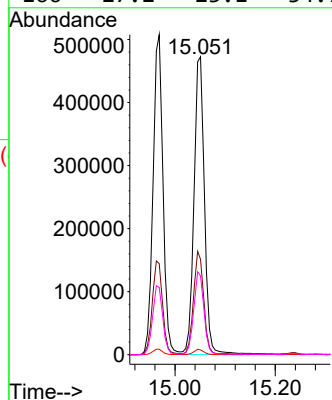
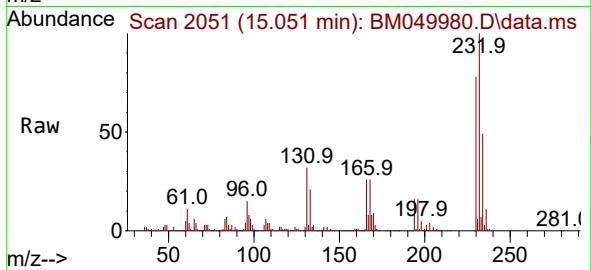




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.712 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

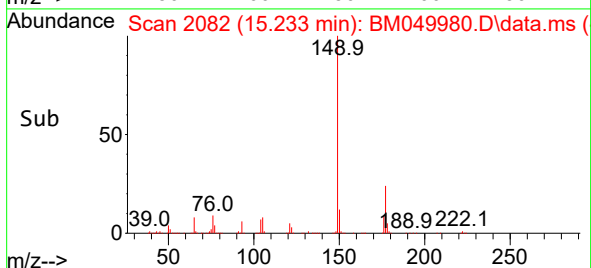
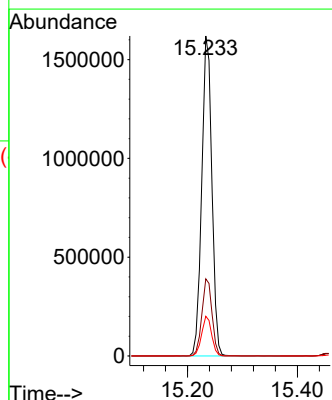
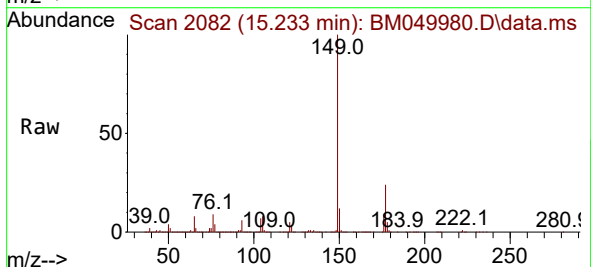
Instrument :
BNA_M
ClientSampleId :
PB167645BS

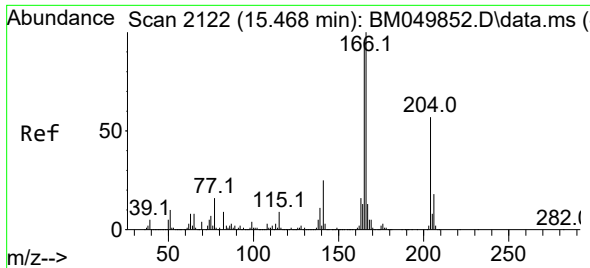
Tgt Ion:232 Resp: 682403
Ion Ratio Lower Upper
232 100
131 33.7 28.4 42.6
130 1.8 1.6 2.4
166 27.2 23.1 34.7



#60
Diethylphthalate
Concen: 37.881 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:149 Resp: 2076932
Ion Ratio Lower Upper
149 100
177 24.1 19.0 28.4
150 12.4 9.7 14.5

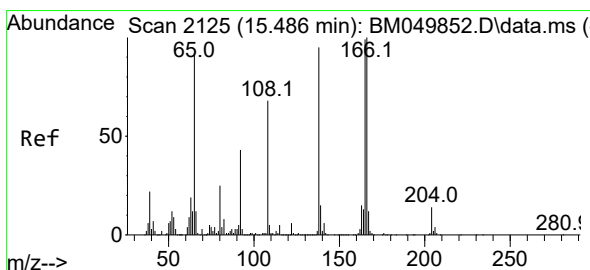
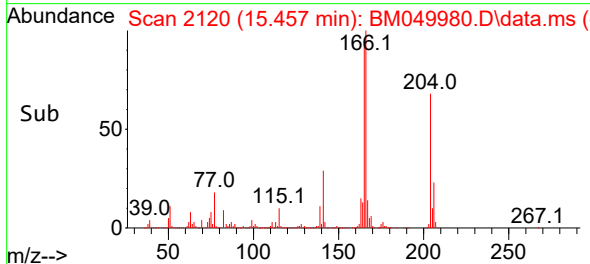
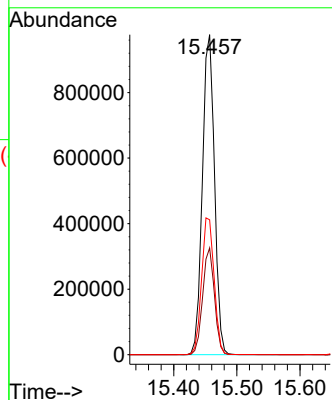
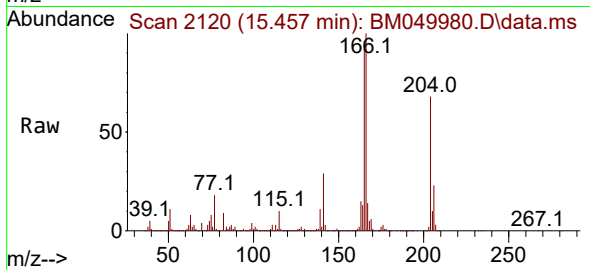




#61
4-Chlorophenyl-phenylether
Concen: 41.498 ng
RT: 15.457 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

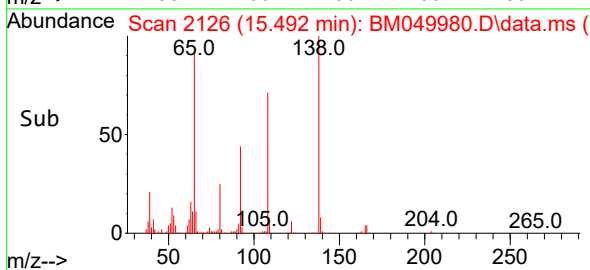
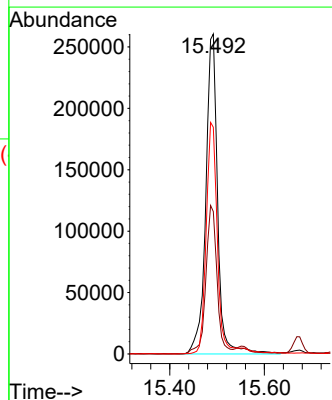
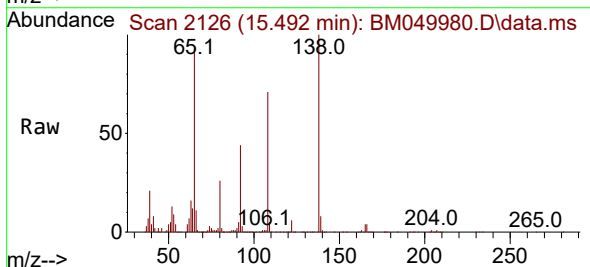
Instrument :
BNA_M
ClientSampleId :
PB167645BS

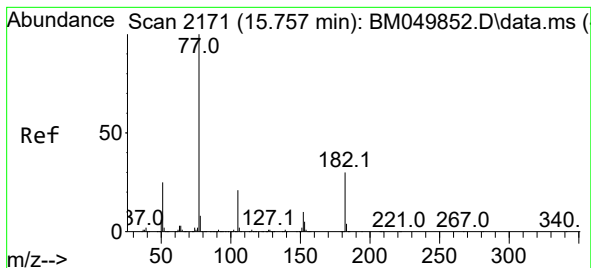
Tgt Ion:204 Resp: 1297022
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 42.1 35.0 52.6



#62
4-Nitroaniline
Concen: 37.942 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:138 Resp: 454257
Ion Ratio Lower Upper
138 100
92 44.5 24.9 64.9
108 70.8 51.7 91.7





#63

Azobenzene

Concen: 38.007 ng

RT: 15.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

Tgt Ion: 77 Resp: 1784083

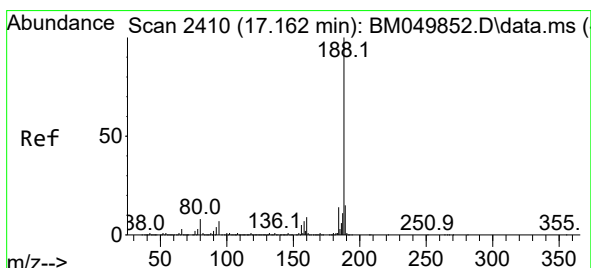
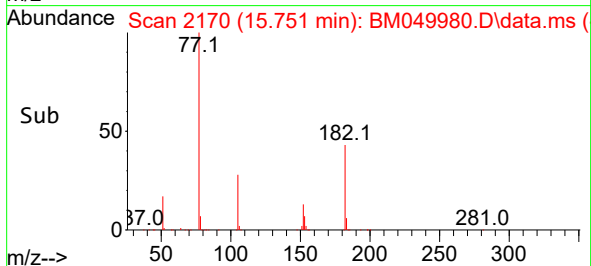
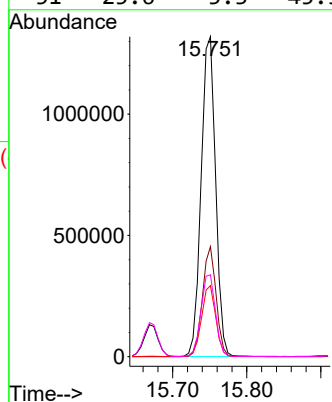
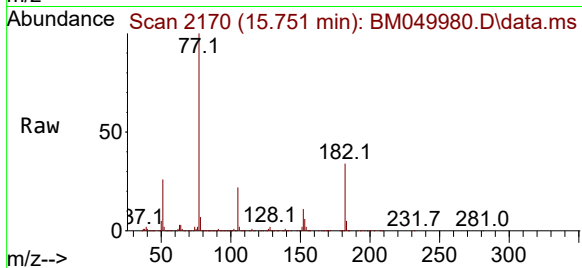
Ion Ratio Lower Upper

77 100

182 34.4 10.4 50.4

105 22.2 1.5 41.5

51 25.6 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: BM049980.D

Acq: 21 Apr 2025 11:15

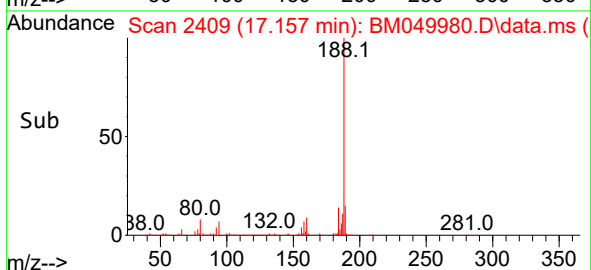
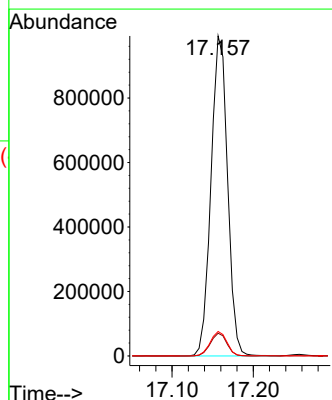
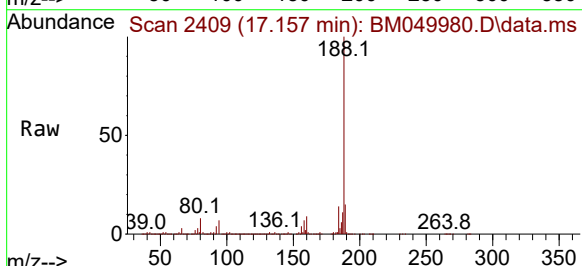
Tgt Ion:188 Resp: 1404843

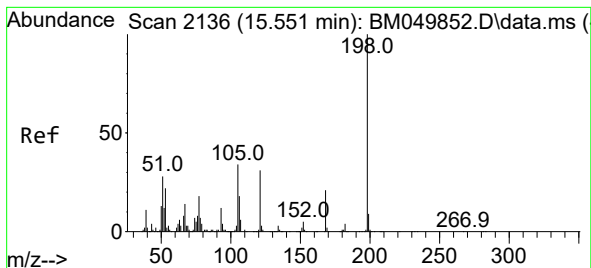
Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 7.7 6.4 9.6

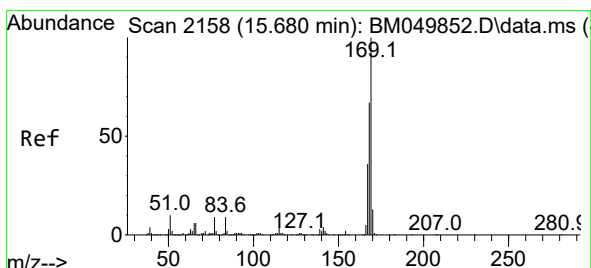
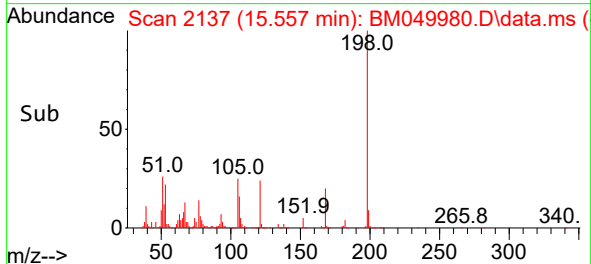
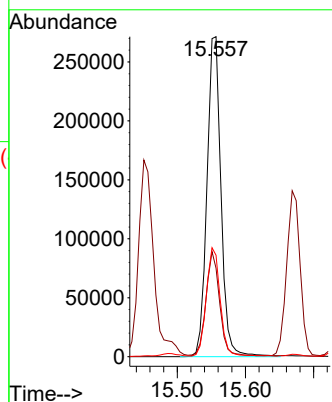
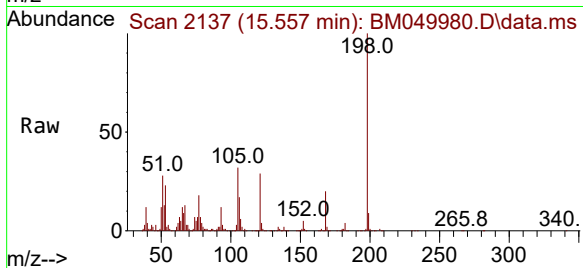




#65
4,6-Dinitro-2-methylphenol
Concen: 44.000 ng
RT: 15.557 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

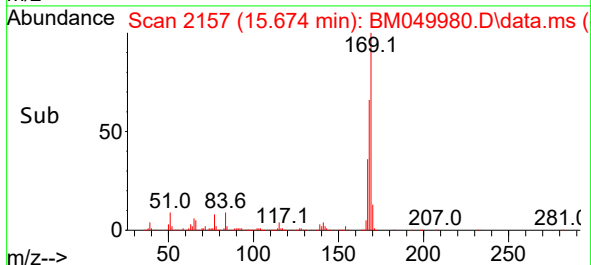
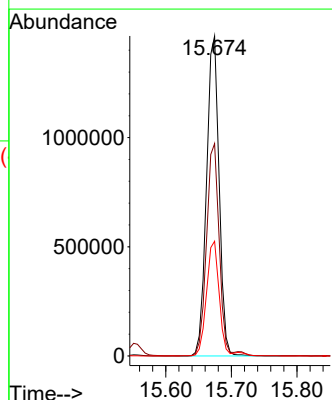
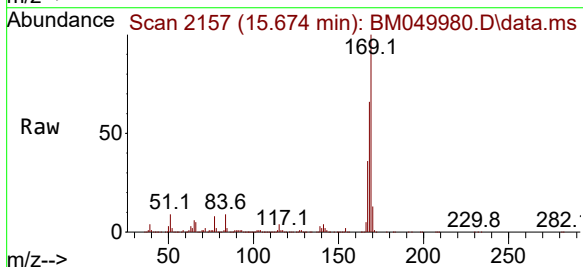
Instrument :
BNA_M
ClientSampleId :
PB167645BS

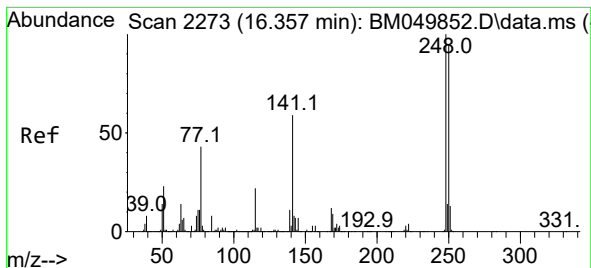
Tgt Ion:198 Resp: 389517
Ion Ratio Lower Upper
198 100
51 27.7 9.6 49.6
105 31.7 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 46.512 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:169 Resp: 1955452
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 35.9 29.0 43.6

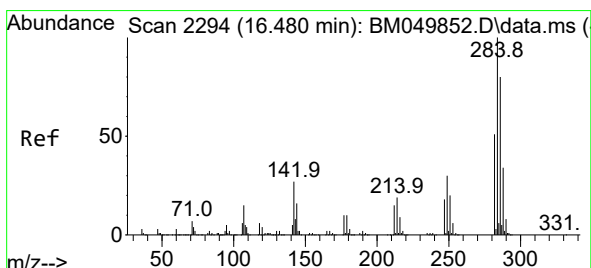
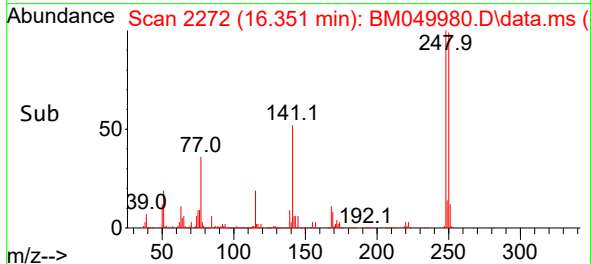
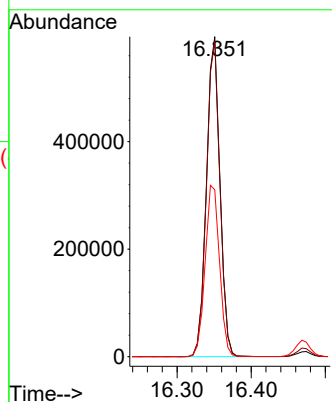
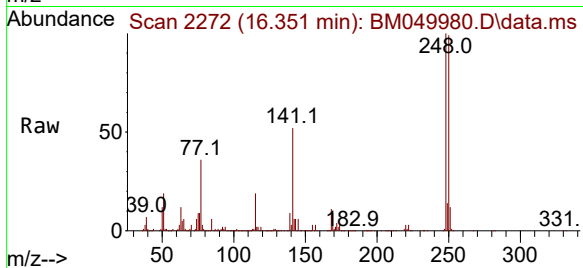




#67
4-Bromophenyl-phenylether
Concen: 46.408 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

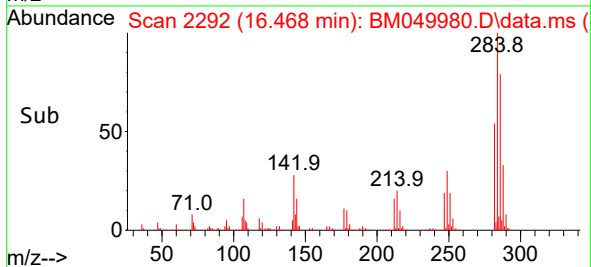
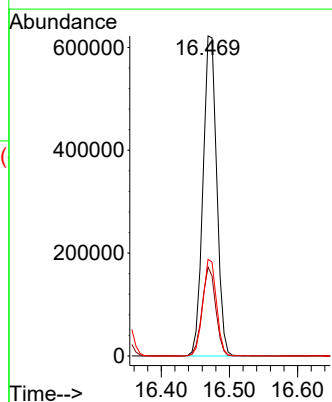
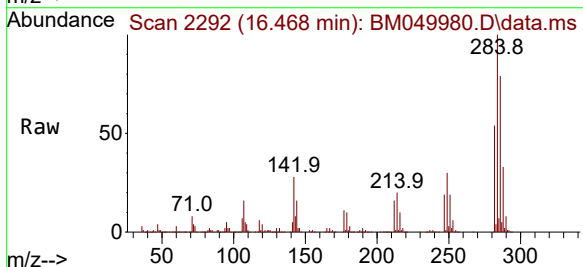
Instrument :
BNA_M
ClientSampleId :
PB167645BS

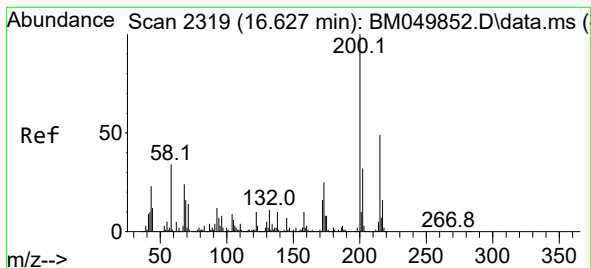
Tgt Ion:248 Resp: 756840
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.2
141 52.2 47.3 70.9



#68
Hexachlorobenzene
Concen: 46.630 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:284 Resp: 872280
Ion Ratio Lower Upper
284 100
142 27.7 21.2 31.8
249 30.3 24.1 36.1





#69

Atrazine

Concen: 60.291 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

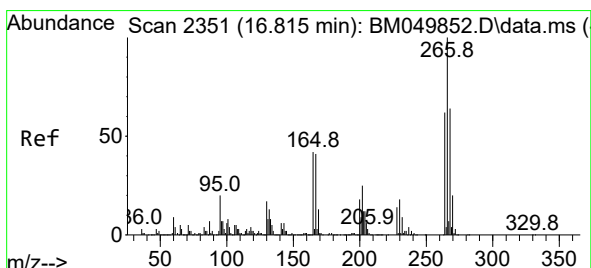
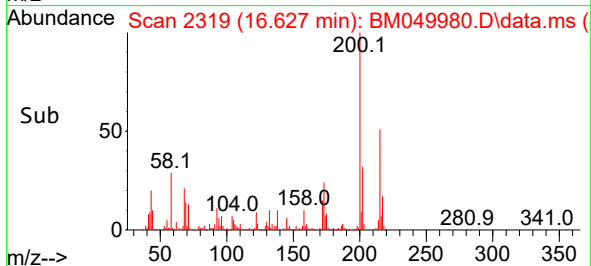
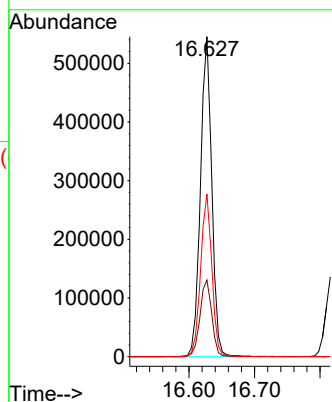
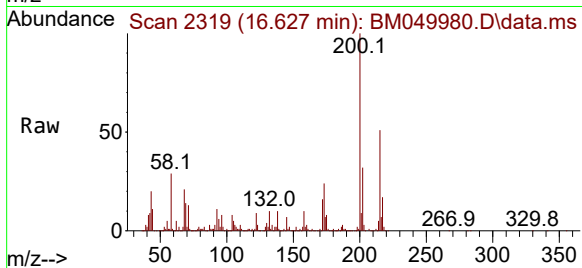
Tgt Ion:200 Resp: 657210

Ion Ratio Lower Upper

200 100

173 24.0 5.4 45.4

215 50.8 29.0 69.0



#70

Pentachlorophenol

Concen: 79.040 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

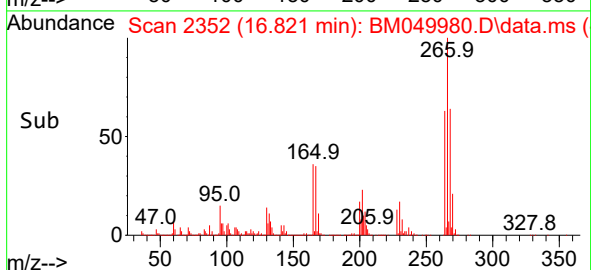
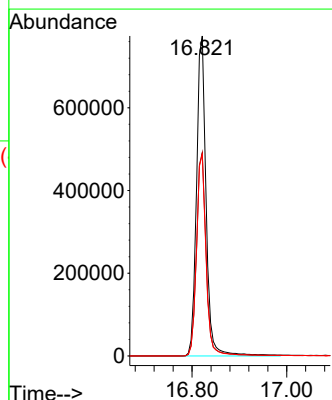
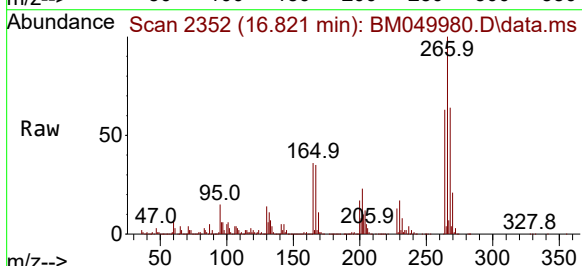
Tgt Ion:266 Resp: 1088541

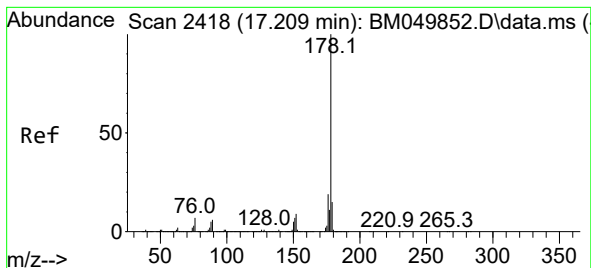
Ion Ratio Lower Upper

266 100

268 63.6 51.4 77.2

264 63.0 49.8 74.8





#71

Phenanthrene

Concen: 44.072 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

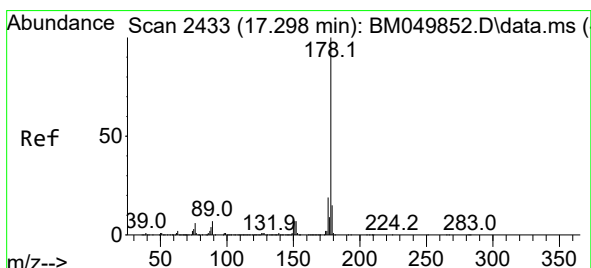
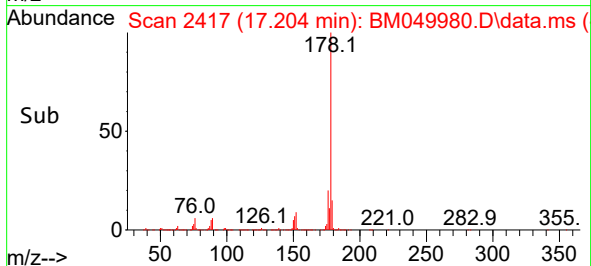
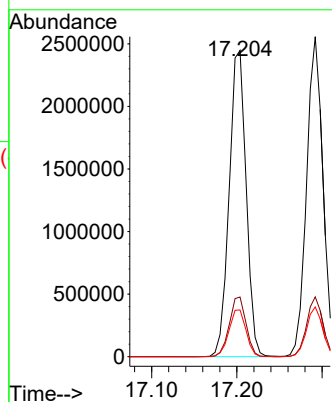
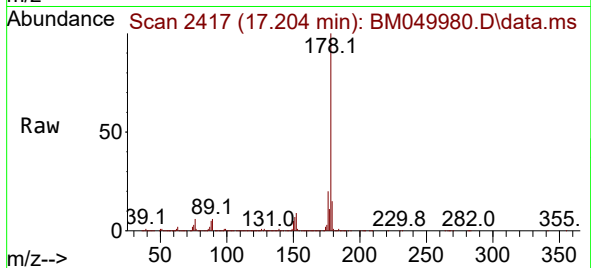
Tgt Ion:178 Resp: 3394421

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.2 12.3 18.5



#72

Anthracene

Concen: 44.851 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

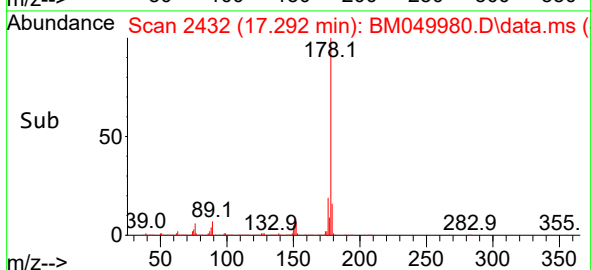
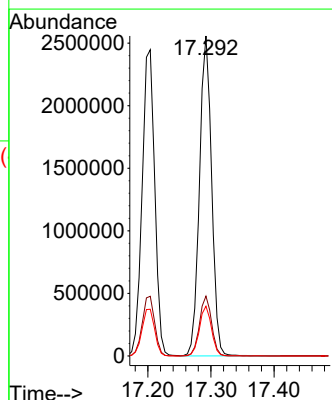
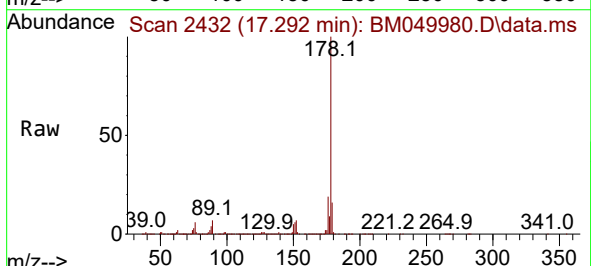
Tgt Ion:178 Resp: 3404218

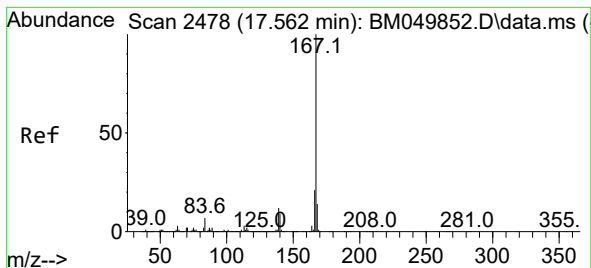
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.6 12.4 18.6





#73

Carbazole

Concen: 41.486 ng

RT: 17.563 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

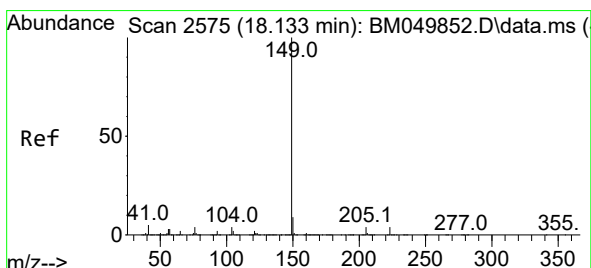
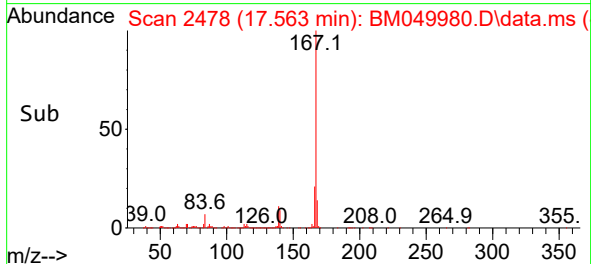
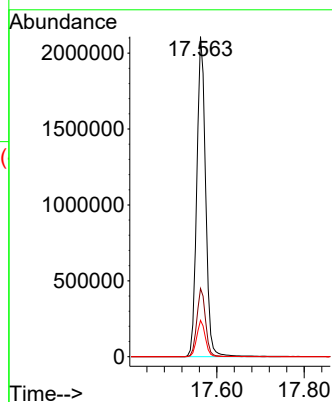
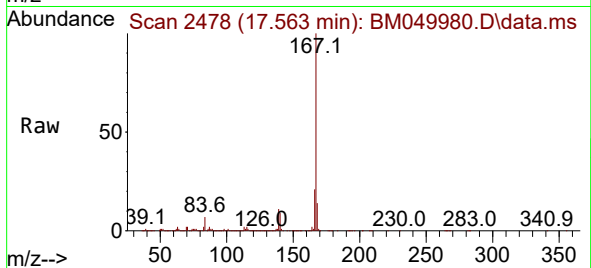
BNA_M

ClientSampleId :

PB167645BS

Tgt Ion:167 Resp: 2965804

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	11.3	9.3	13.9



#74

Di-n-butylphthalate

Concen: 39.441 ng

RT: 18.121 min Scan# 2573

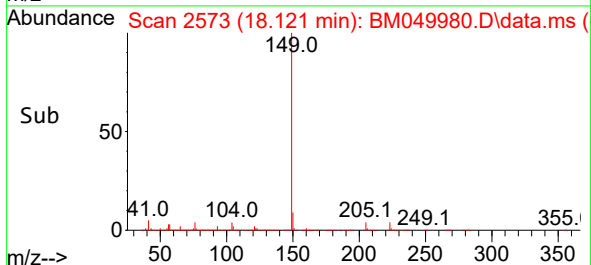
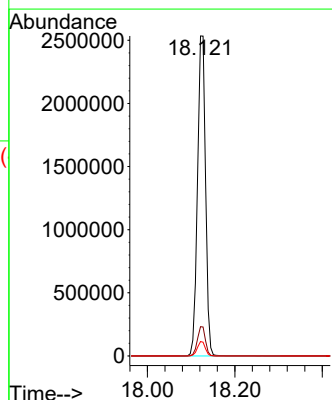
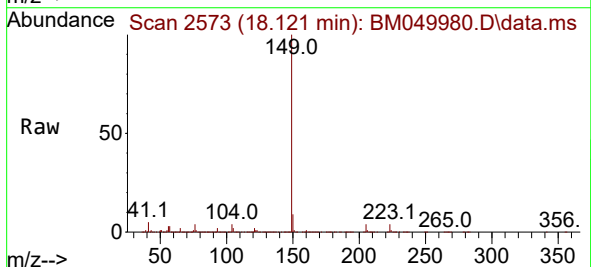
Delta R.T. -0.012 min

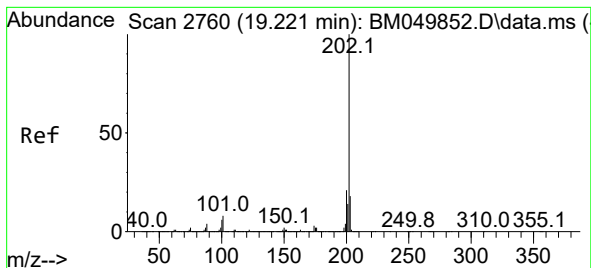
Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Tgt Ion:149 Resp: 3247632

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.5	3.5	5.3





#75

Fluoranthene

Concen: 40.054 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

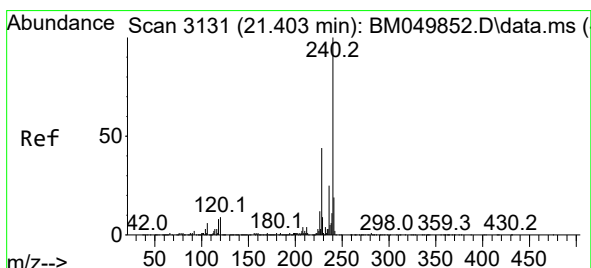
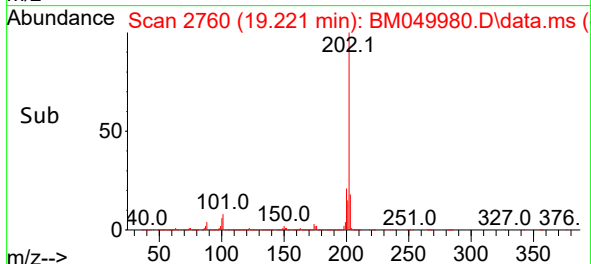
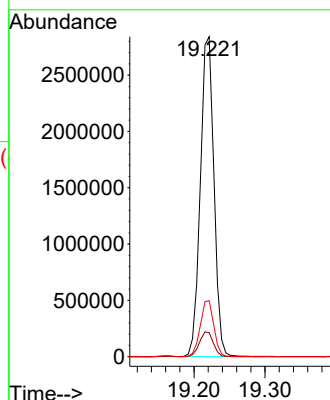
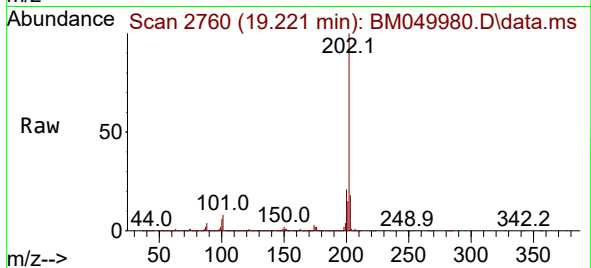
Tgt Ion:202 Resp: 3793074

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.4

203 17.5 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

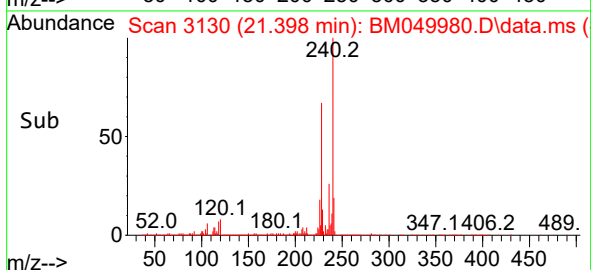
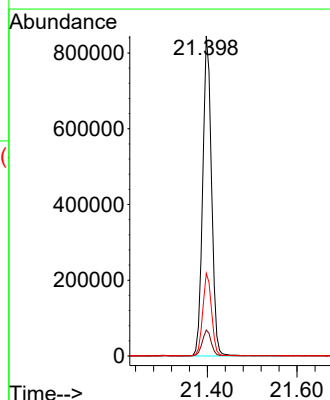
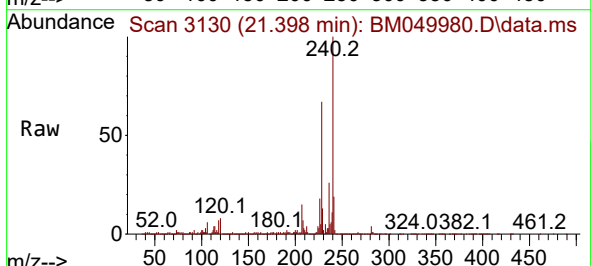
Tgt Ion:240 Resp: 1154135

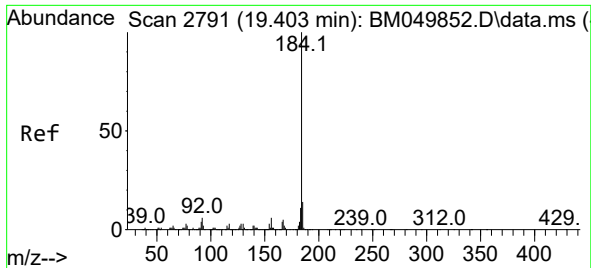
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 25.8 20.4 30.6

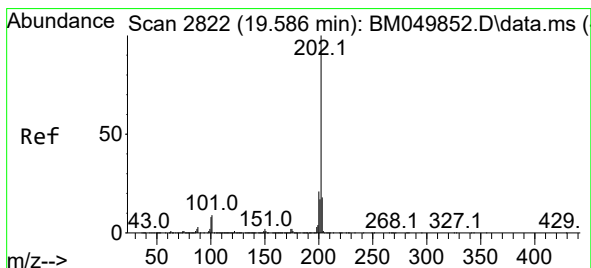
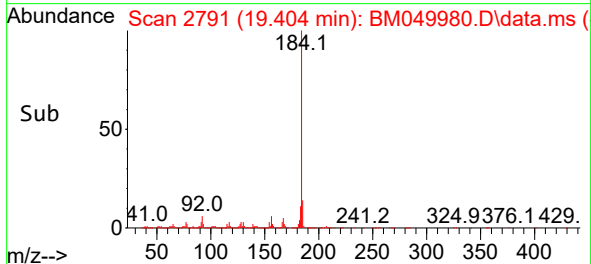
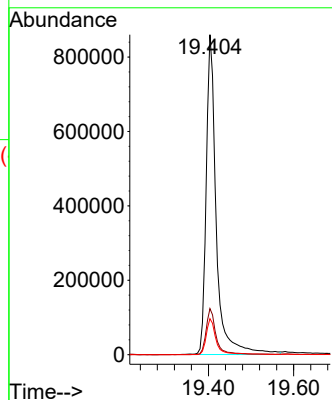
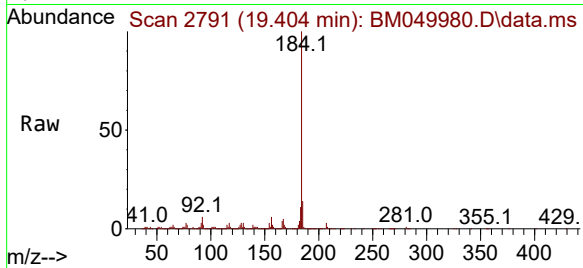




#77
Benzidine
Concen: 92.414 ng
RT: 19.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

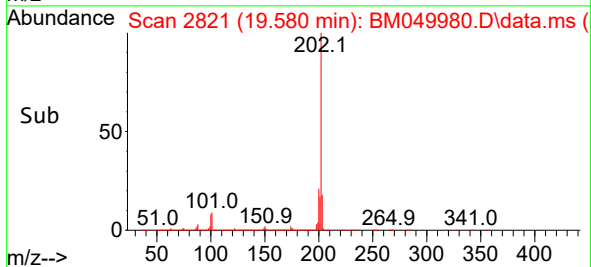
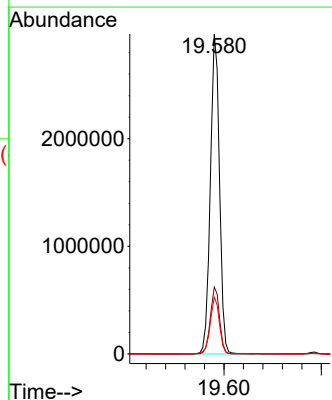
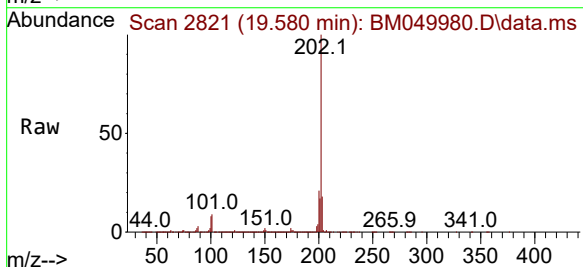
Instrument :
BNA_M
ClientSampleId :
PB167645BS

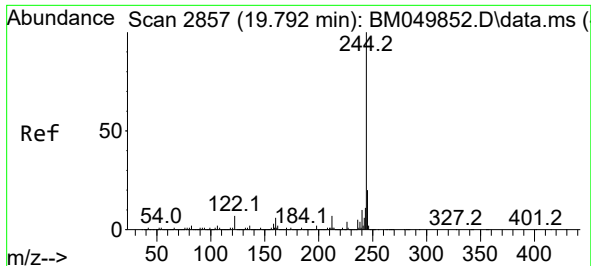
Tgt Ion:184 Resp: 1414967
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.3 8.8 13.2



#78
Pyrene
Concen: 48.287 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:202 Resp: 3840802
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 17.7 14.0 21.0

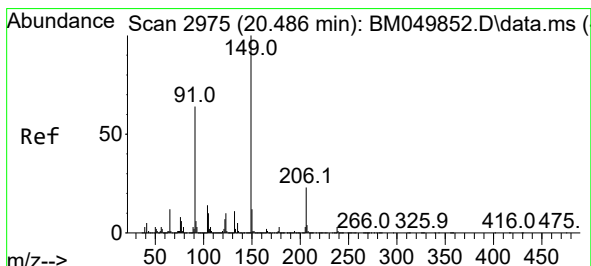
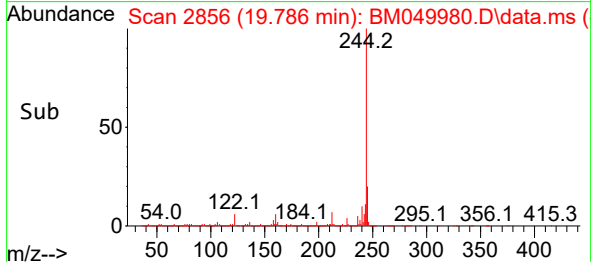
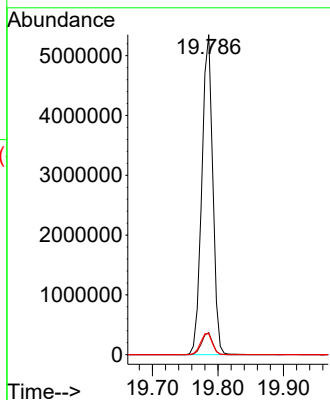
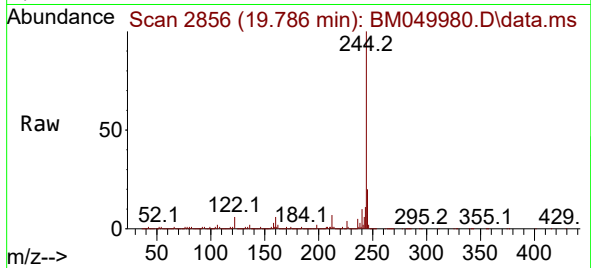




#79
 Terphenyl-d14
 Concen: 101.145 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049980.D
 Acq: 21 Apr 2025 11:15

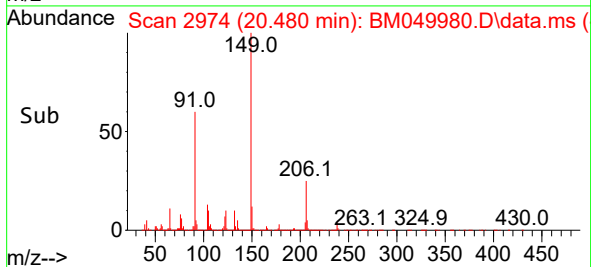
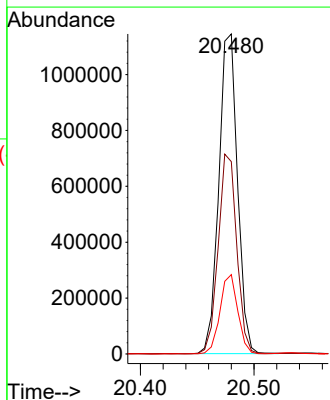
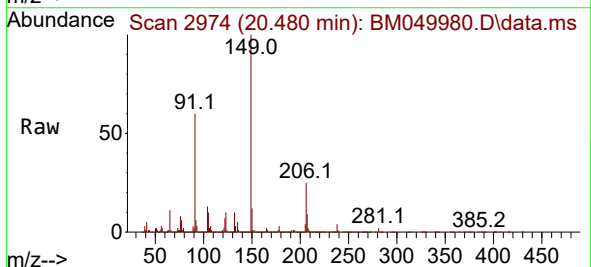
Instrument :
 BNA_M
 ClientSampleId :
 PB167645BS

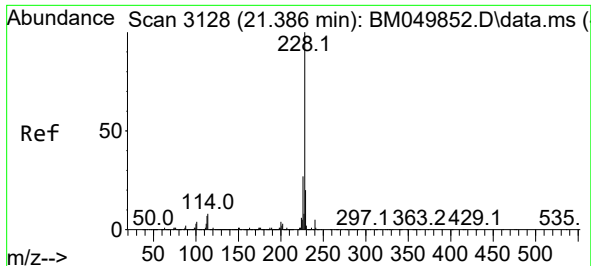
Tgt Ion:244 Resp: 6229008
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 6.5 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 43.845 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049980.D
 Acq: 21 Apr 2025 11:15

Tgt Ion:149 Resp: 1310426
 Ion Ratio Lower Upper
 149 100
 91 60.1 50.9 76.3
 206 24.8 18.4 27.6

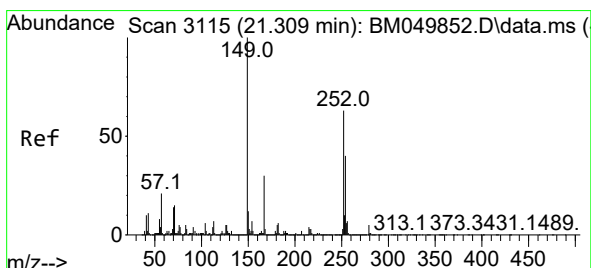
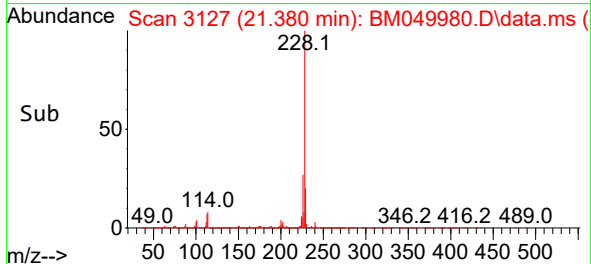
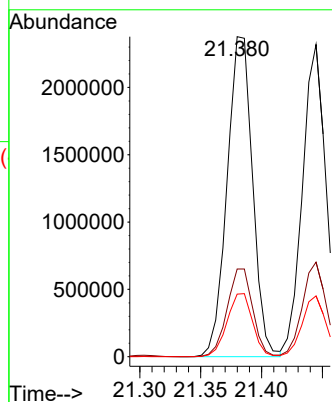
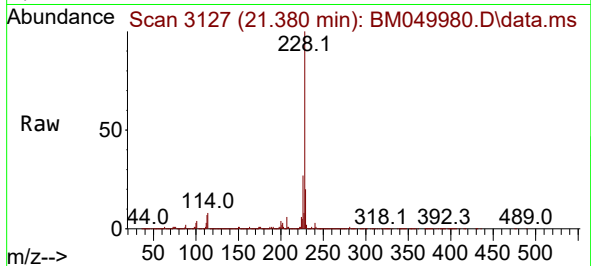




#81
Benzo(a)anthracene
Concen: 45.239 ng
RT: 21.380 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

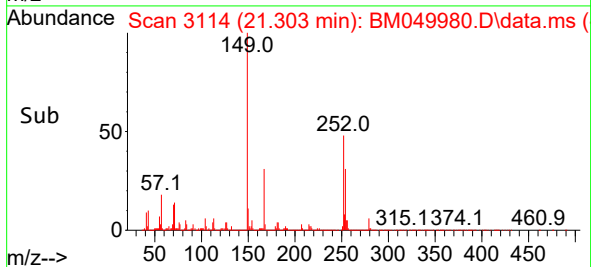
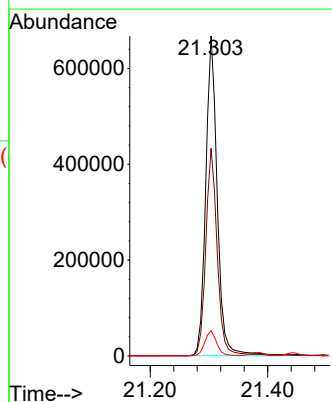
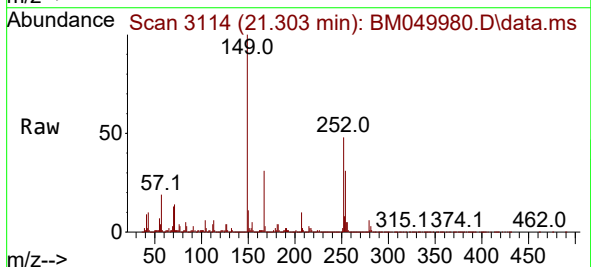
Instrument :
BNA_M
ClientSampleId :
PB167645BS

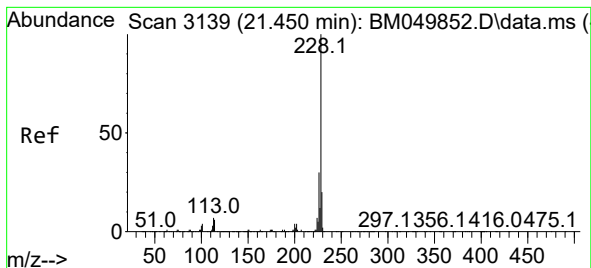
Tgt Ion:228 Resp: 3470021
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 31.442 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:252 Resp: 910767
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 7.8 6.3 9.5





#83

Chrysene

Concen: 43.206 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

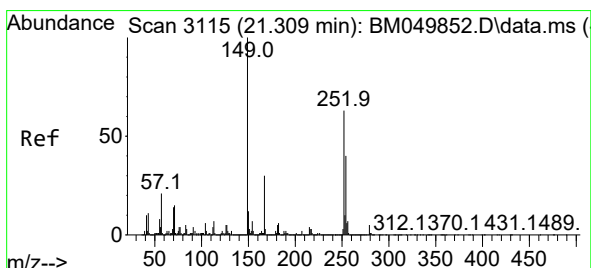
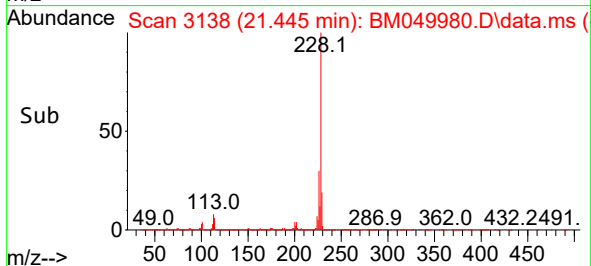
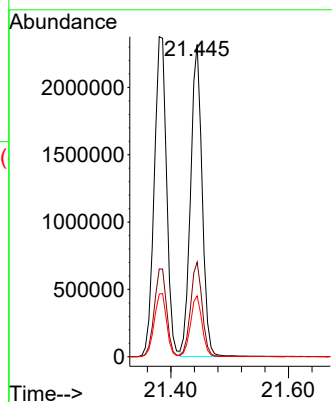
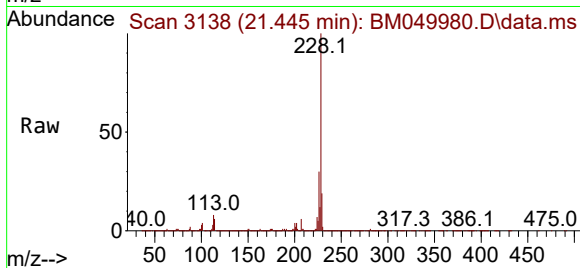
Tgt Ion:228 Resp: 3150721

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.249 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

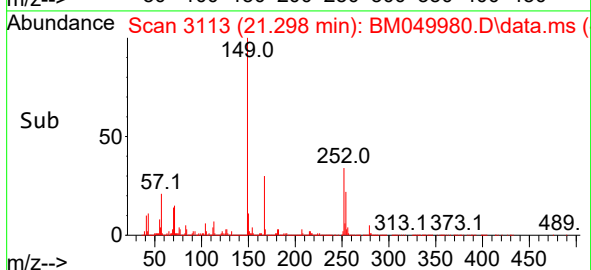
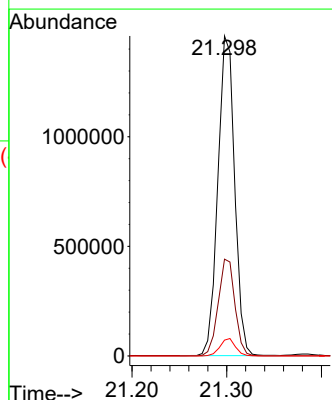
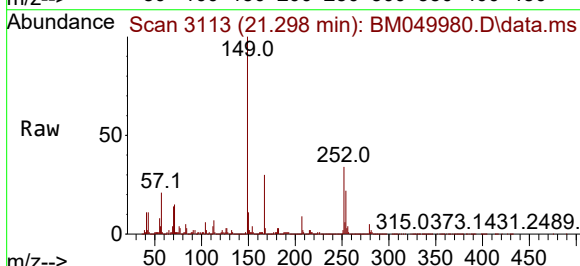
Tgt Ion:149 Resp: 1796205

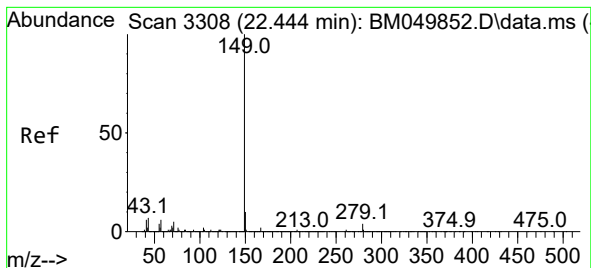
Ion Ratio Lower Upper

149 100

167 30.3 23.8 35.6

279 5.0 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 38.144 ng

RT: 22.433 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

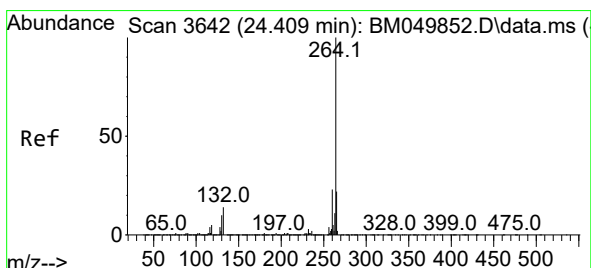
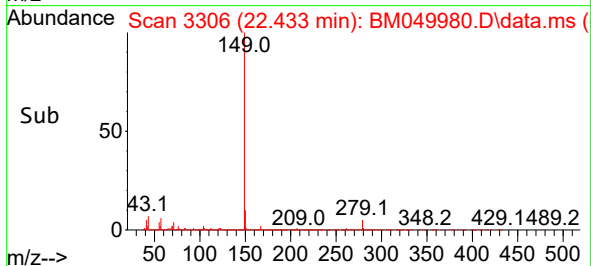
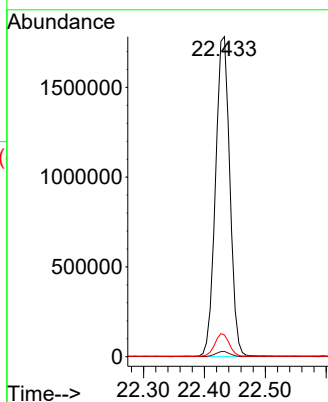
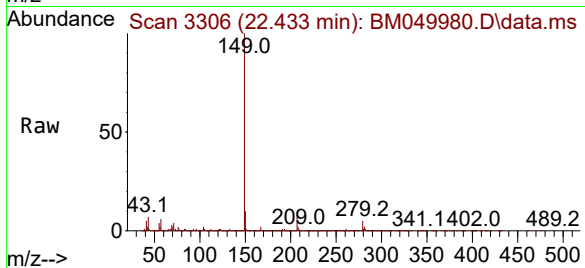
Tgt Ion:149 Resp: 2905764

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.397 min Scan# 3640

Delta R.T. -0.012 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

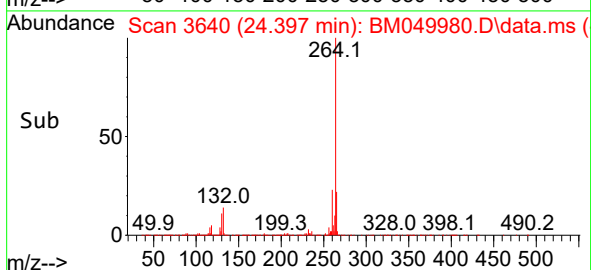
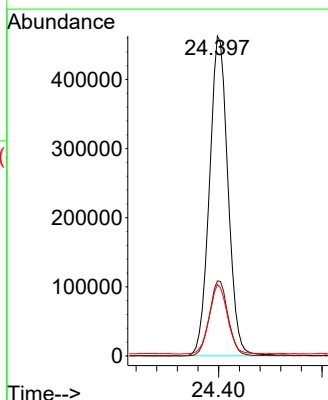
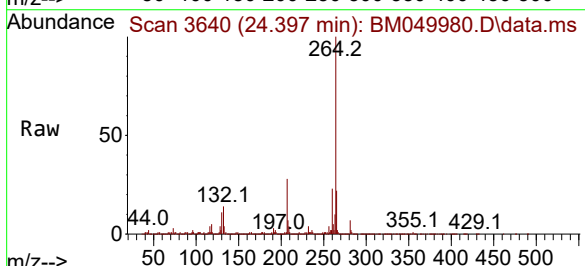
Tgt Ion:264 Resp: 1149601

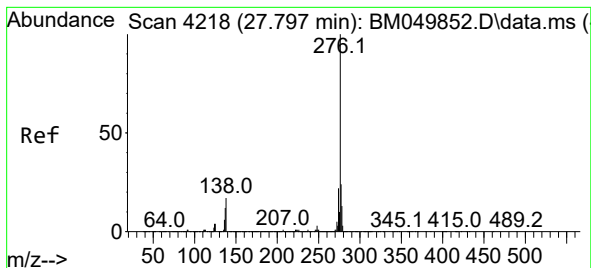
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.759 ng

RT: 27.803 min Scan# 4219

Delta R.T. 0.006 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167645BS

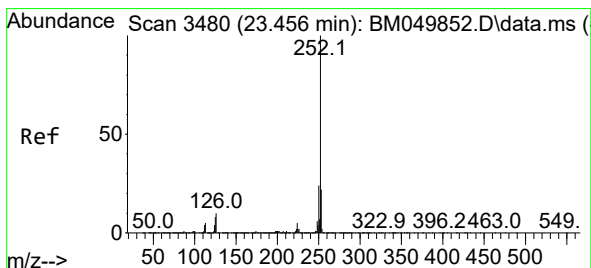
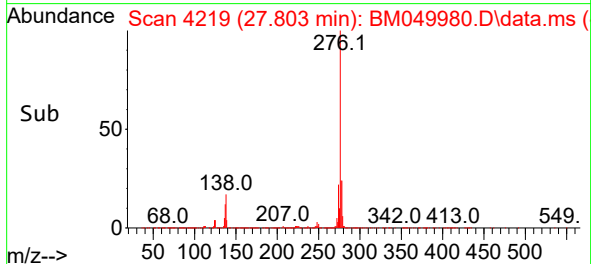
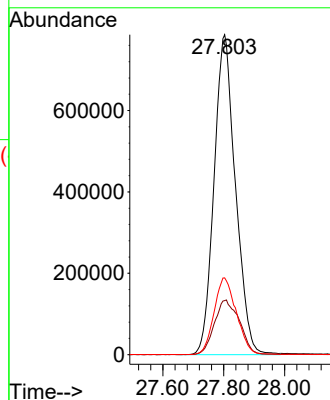
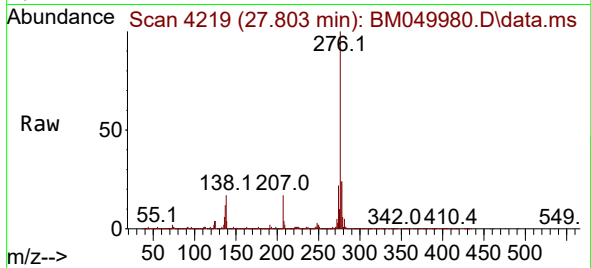
Tgt Ion:276 Resp: 3835487

Ion Ratio Lower Upper

276 100

138 20.1 16.8 25.2

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 42.666 ng

RT: 23.456 min Scan# 3480

Delta R.T. 0.000 min

Lab File: BM049980.D

Acq: 21 Apr 2025 11:15

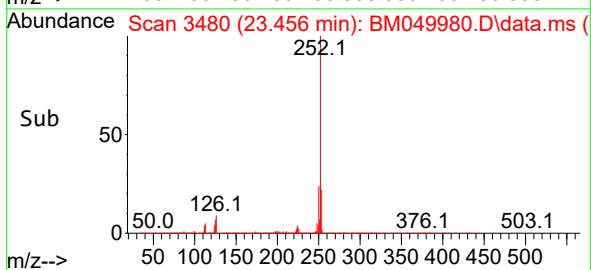
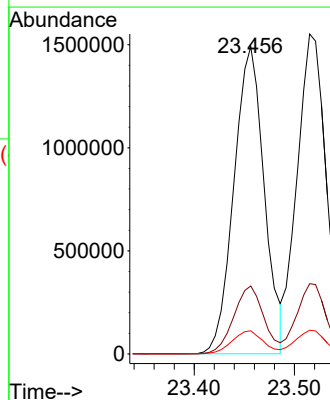
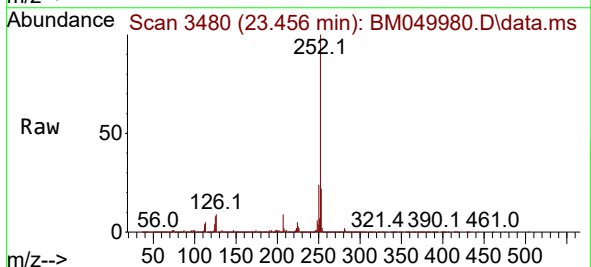
Tgt Ion:252 Resp: 3132543

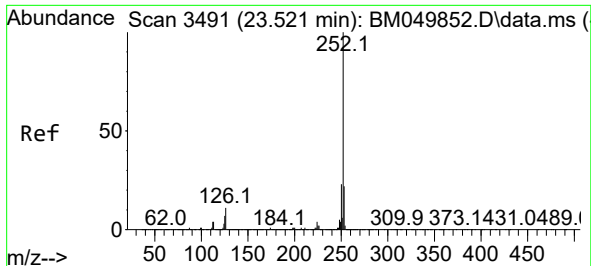
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.5 6.2 9.4

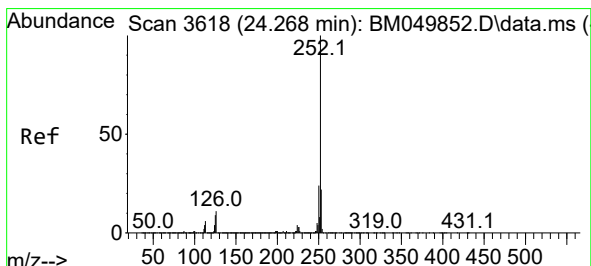
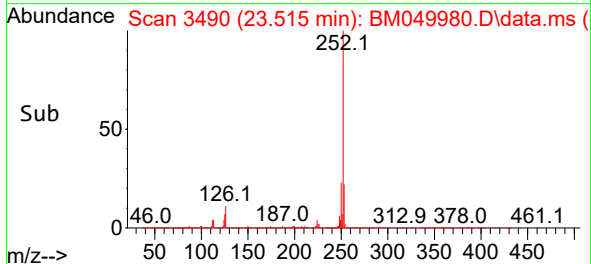
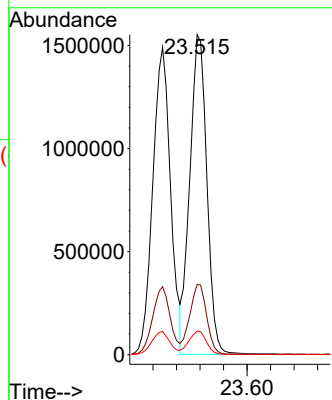
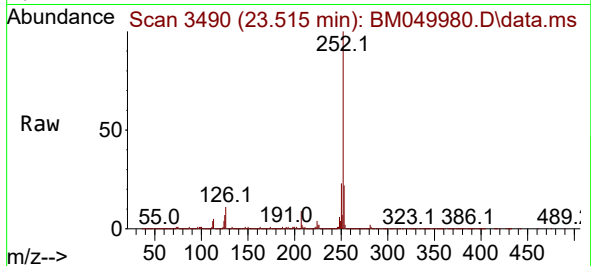




#89
Benzo(k)fluoranthene
Concen: 43.851 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

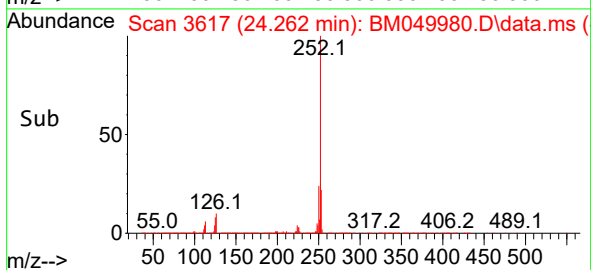
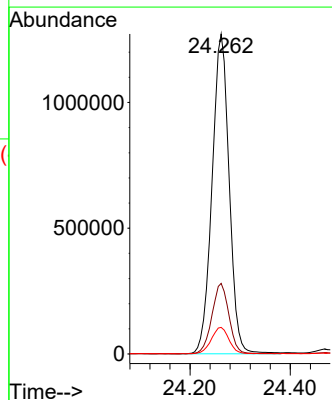
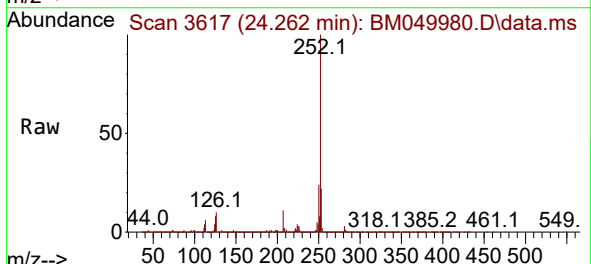
Instrument :
BNA_M
ClientSampleId :
PB167645BS

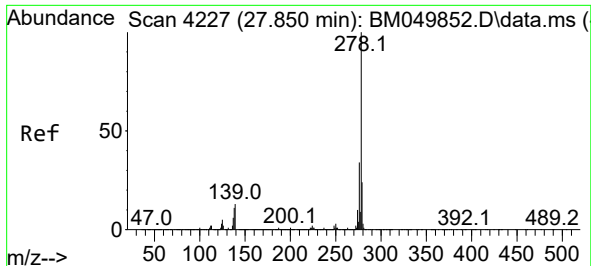
Tgt Ion:252 Resp: 3120017
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.4 5.8 8.8



#90
Benzo(a)pyrene
Concen: 46.586 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:252 Resp: 3005590
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.3 7.0 10.4

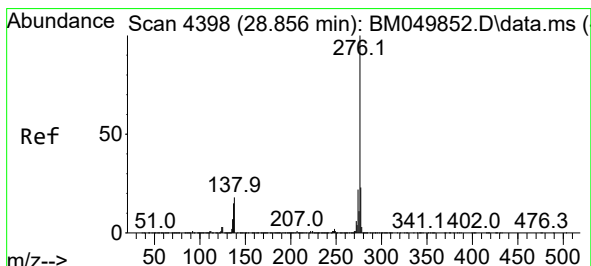
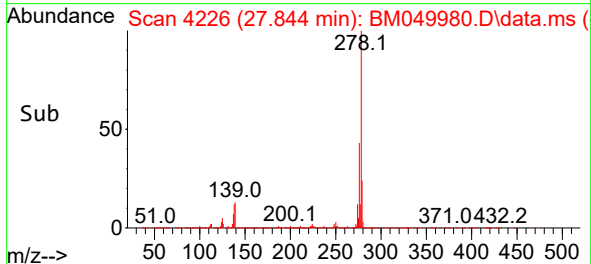
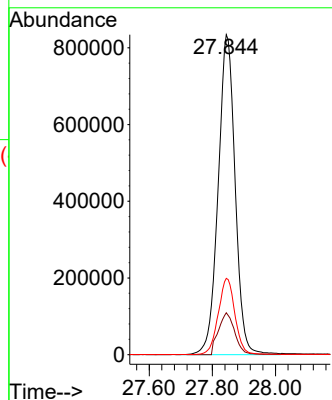
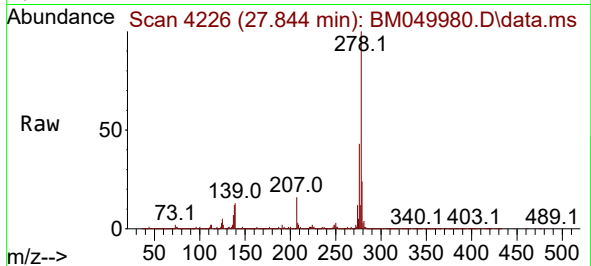




#91
Dibenzo(a,h)anthracene
Concen: 44.240 ng
RT: 27.844 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Instrument :
BNA_M
ClientSampleId :
PB167645BS

Tgt Ion:278 Resp: 3122653
Ion Ratio Lower Upper
278 100
139 13.1 10.6 15.8
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 42.003 ng
RT: 28.856 min Scan# 4398
Delta R.T. 0.000 min
Lab File: BM049980.D
Acq: 21 Apr 2025 11:15

Tgt Ion:276 Resp: 3029590
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 17.5 14.6 21.8

