

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
 Data File : BM050010.D
 Acq On : 23 Apr 2025 12:36
 Operator : RC/JU
 Sample : PB167694BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167694BSD

Quant Time: Apr 23 13:16:00 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	7.763	152	317407	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1068100	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	644714	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1160163	20.000	ng	0.00
76) Chrysene-d12	21.397	240	977637	20.000	ng	0.00
86) Perylene-d12	24.397	264	965379	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2335796	124.961	ng	0.00
7) Phenol-d6	6.951	99	2806053	120.657	ng	0.00
23) Nitrobenzene-d5	8.922	82	1675641	87.359	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1253713	133.692	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4318506	90.830	ng	-0.02
79) Terphenyl-d14	19.780	244	5798487	111.152	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.252	88	262575	34.109 ng	98
3) Pyridine	3.651	79	725928	35.891 ng	100
4) n-Nitrosodimethylamine	3.557	42	315184	40.949 ng	96
6) Aniline	7.092	93	699344	35.094 ng	100
8) 2-Chlorophenol	7.334	128	812385	42.409 ng	99
9) Benzaldehyde	6.904	77	400088	33.524 ng	99
10) Phenol	6.975	94	942918	41.547 ng	99
11) bis(2-Chloroethyl)ether	7.187	93	759207	42.659 ng	99
12) 1,3-Dichlorobenzene	7.651	146	961546	42.457 ng	99
13) 1,4-Dichlorobenzene	7.798	146	966116	42.396 ng	99
14) 1,2-Dichlorobenzene	8.116	146	925465	43.117 ng	99
15) Benzyl Alcohol	8.010	79	627090	42.820 ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	909997	45.874 ng	100
17) 2-Methylphenol	8.222	107	615007	43.974 ng	99
18) Hexachloroethane	8.839	117	342914	43.253 ng	96
19) n-Nitroso-di-n-propyla...	8.575	70	558448	43.355 ng	98
20) 3+4-Methylphenols	8.551	107	814087	42.696 ng	97
22) Acetophenone	8.586	105	1094877	42.179 ng	# 99
24) Nitrobenzene	8.963	77	790137	42.781 ng	99
25) Isophorone	9.492	82	1459762	45.430 ng	100
26) 2-Nitrophenol	9.675	139	423997	43.313 ng	100
27) 2,4-Dimethylphenol	9.745	122	679478	61.248 ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	930464	43.254 ng	99
29) 2,4-Dichlorophenol	10.222	162	766418	41.561 ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	918188	43.040 ng	100
31) Naphthalene	10.604	128	2247085	40.943 ng	99
32) Benzoic acid	9.910	122	411761	33.156 ng	98
33) 4-Chloroaniline	10.727	127	277229	14.305 ng	98
34) Hexachlorobutadiene	10.892	225	598452	45.351 ng	98
35) Caprolactam	11.522	113	194391	36.753 ng	98
36) 4-Chloro-3-methylphenol	11.869	107	653385	40.449 ng	99
37) 2-Methylnaphthalene	12.222	142	1449016	37.473 ng	99
38) 1-Methylnaphthalene	12.445	142	1521509	40.388 ng	99
40) 1,2,4,5-Tetrachloroben...	12.598	216	1023195	45.364 ng	99
41) Hexachlorocyclopentadiene	12.574	237	1317895	166.749 ng	100
43) 2,4,6-Trichlorophenol	12.845	196	643485	44.834 ng	99

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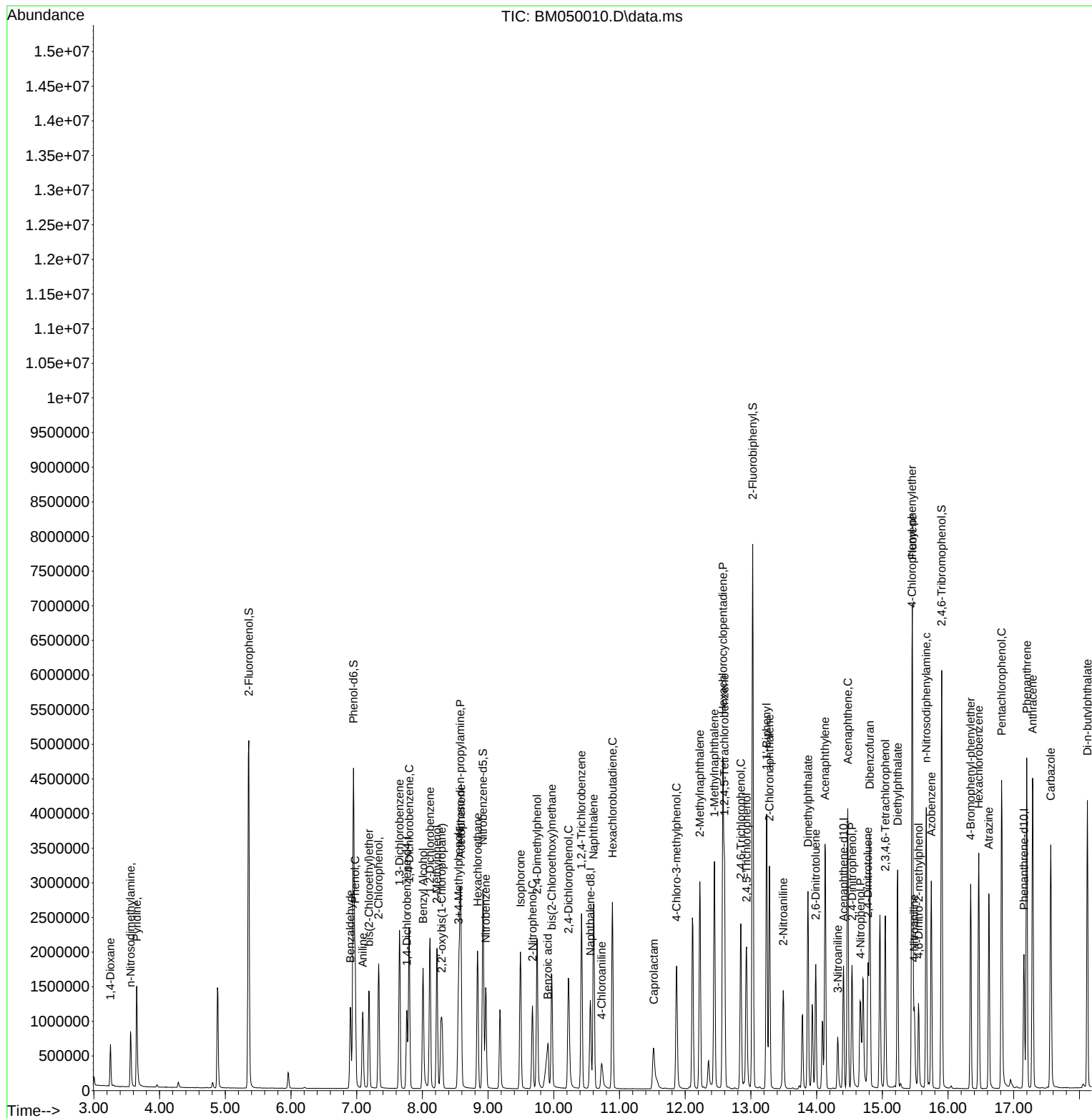
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	681825	43.715	ng	99
46) 1,1'-Biphenyl	13.239	154	2072477	43.243	ng	100
47) 2-Chloronaphthalene	13.280	162	1634125	43.381	ng	99
48) 2-Nitroaniline	13.492	65	385657	44.254	ng	96
49) Acenaphthylene	14.127	152	2525238	46.022	ng	99
50) Dimethylphthalate	13.868	163	1923931	42.299	ng	100
51) 2,6-Dinitrotoluene	13.986	165	413302	43.371	ng	99
52) Acenaphthene	14.474	154	1463317	41.926	ng	100
53) 3-Nitroaniline	14.321	138	218556	23.730	ng	99
54) 2,4-Dinitrophenol	14.539	184	504570	73.737	ng	97
55) Dibenzofuran	14.810	168	2381887	40.823	ng	99
56) 4-Nitrophenol	14.668	139	612340	74.607	ng	98
57) 2,4-Dinitrotoluene	14.780	165	571859	44.982	ng	99
58) Fluorene	15.457	166	1950311	42.052	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	553685	40.502	ng	98
60) Diethylphthalate	15.233	149	1771689	40.618	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1086869	43.710	ng	100
62) 4-Nitroaniline	15.486	138	370855	38.936	ng	97
63) Azobenzene	15.745	77	1527934	40.915	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	324606	44.401	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1611390	46.412	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	638528	47.410	ng	97
68) Hexachlorobenzene	16.468	284	729728	47.237	ng	99
69) Atrazine	16.621	200	561443	62.368	ng	99
70) Pentachlorophenol	16.815	266	902548	79.357	ng	99
71) Phenanthrene	17.198	178	2827013	44.447	ng	100
72) Anthracene	17.286	178	2883898	46.009	ng	100
73) Carbazole	17.562	167	2455654	41.594	ng	99
74) Di-n-butylphthalate	18.121	149	2904638	42.715	ng	100
75) Fluoranthene	19.215	202	3184353	40.718	ng	99
77) Benzidine	19.403	184	1078423	83.149	ng	99
78) Pyrene	19.580	202	3263187	48.432	ng	99
80) Butylbenzylphthalate	20.474	149	1174127	46.377	ng	99
81) Benzo(a)anthracene	21.380	228	2952899	45.448	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	740056	30.161	ng	99
83) Chrysene	21.444	228	2716839	43.983	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1687156	45.740	ng	99
85) Di-n-octyl phthalate	22.427	149	2735652	42.394	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3366601	46.784	ng	99
88) Benzo(b)fluoranthene	23.456	252	2731502	44.303	ng	99
89) Benzo(k)fluoranthene	23.515	252	2648108	44.321	ng	100
90) Benzo(a)pyrene	24.262	252	2568779	47.413	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	2737546	46.185	ng	100
92) Benzo(g,h,i)perylene	28.862	276	2678832	44.228	ng	99

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

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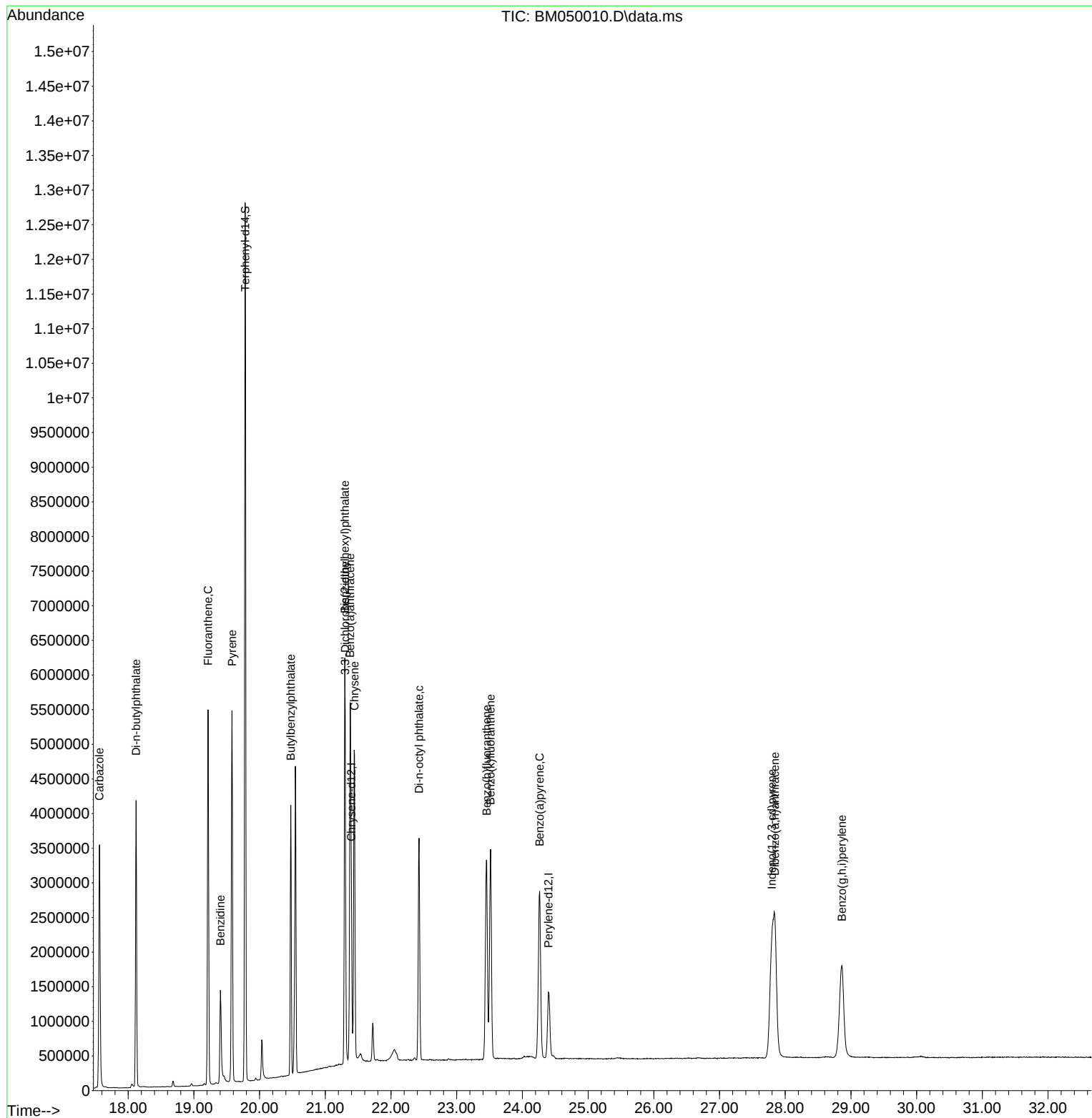
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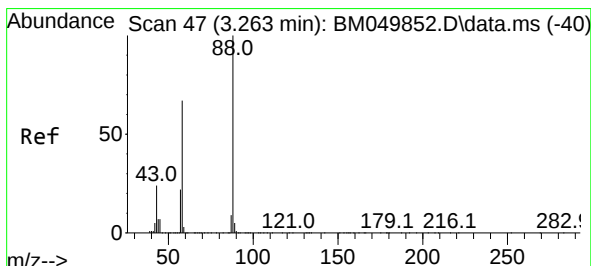
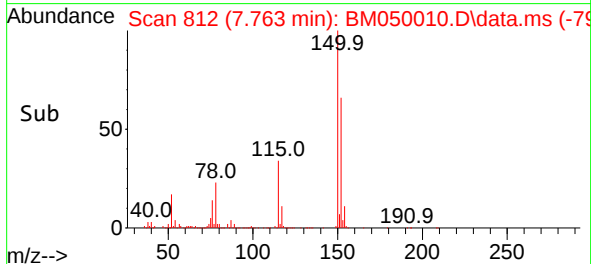
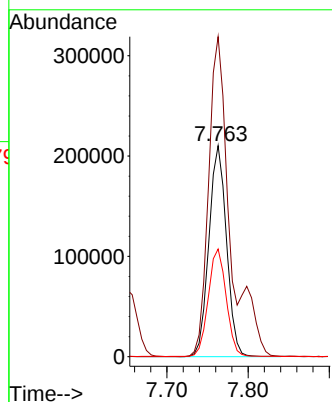
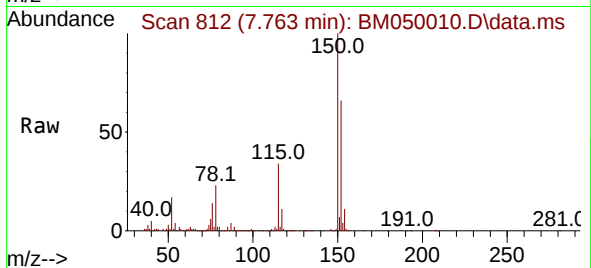




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 815
 Delta R.T. -0.018 min
 Lab File: BM050010.D
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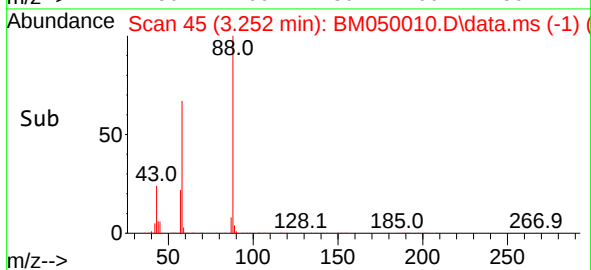
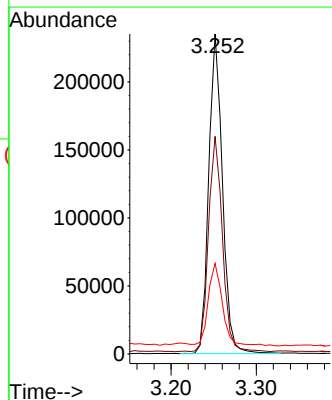
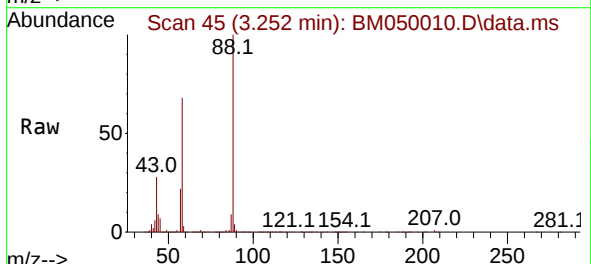
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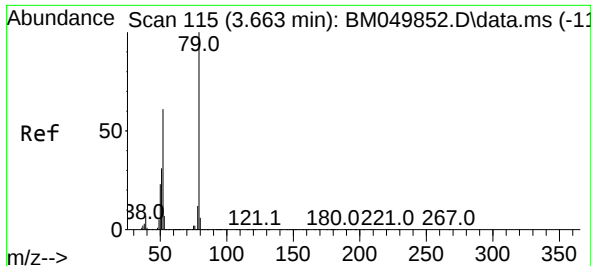
Tgt Ion:152 Resp: 317407
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.3 186.5
 115 51.0 41.1 61.7



#2
 1,4-Dioxane
 Concen: 34.109 ng
 RT: 3.252 min Scan# 45
 Delta R.T. -0.012 min
 Lab File: BM050010.D
 Acq: 23 Apr 2025 12:36

Tgt Ion: 88 Resp: 262575
 Ion Ratio Lower Upper
 88 100
 58 68.4 54.1 81.1
 43 26.8 20.2 30.4

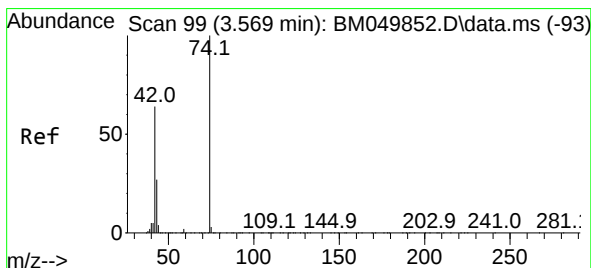
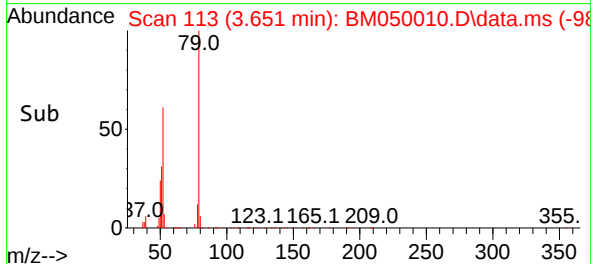
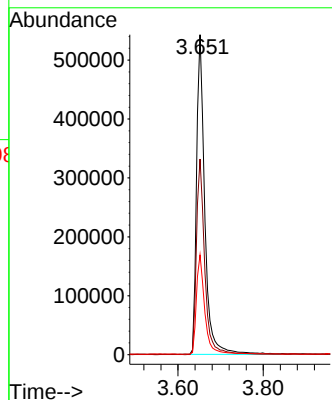
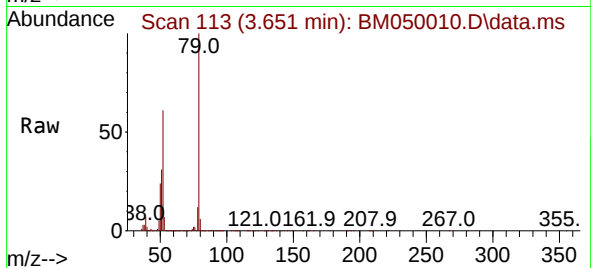




#3
Pyridine
Concen: 35.891 ng
RT: 3.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

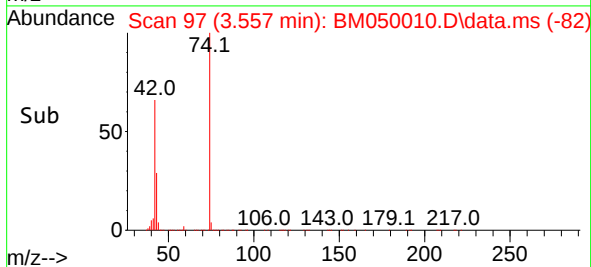
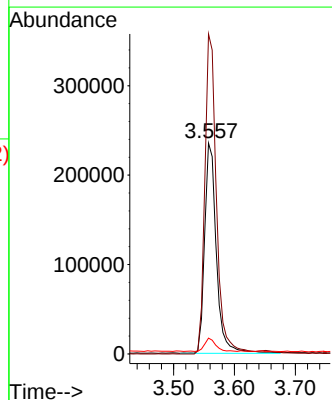
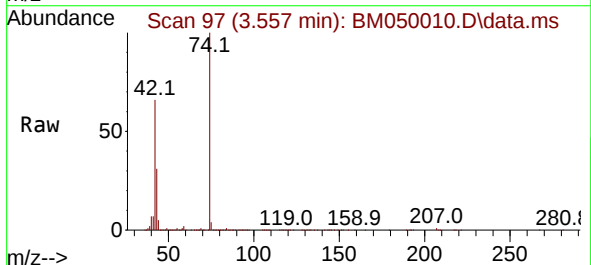
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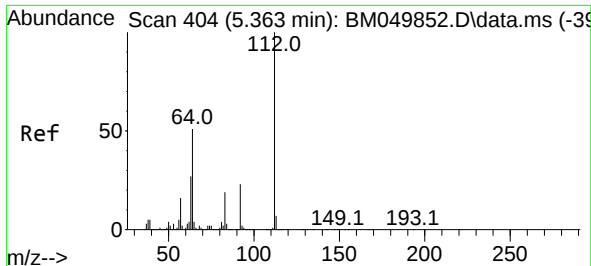
Tgt Ion: 79 Resp: 725928
Ion Ratio Lower Upper
79 100
52 61.2 48.9 73.3
51 31.2 25.0 37.6



#4
n-Nitrosodimethylamine
Concen: 40.949 ng
RT: 3.557 min Scan# 97
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion: 42 Resp: 315184
Ion Ratio Lower Upper
42 100
74 151.7 125.4 188.2
44 7.5 5.9 8.9

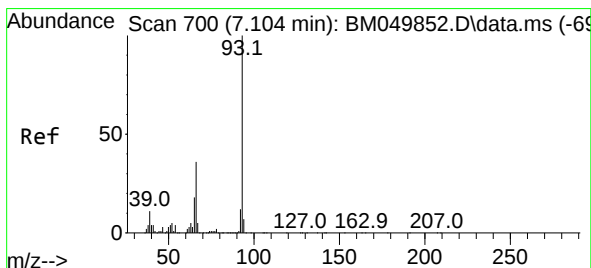
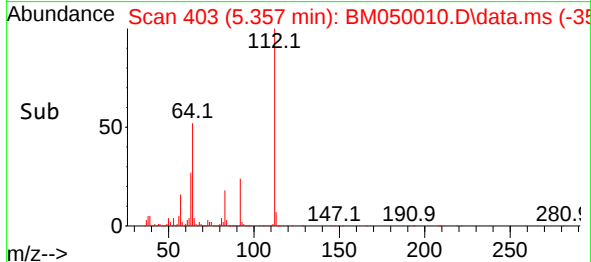
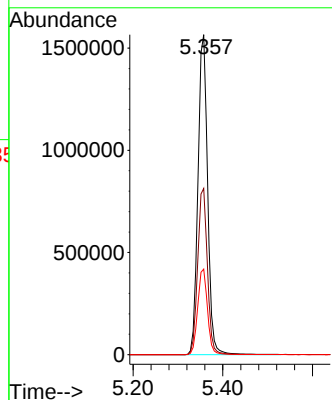
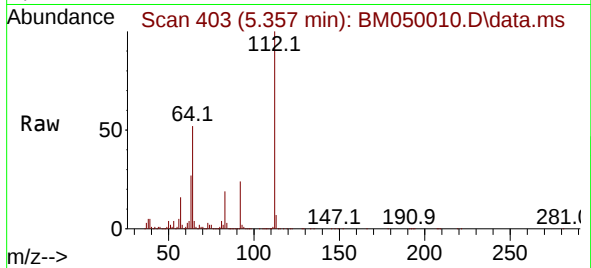




#5
2-Fluorophenol
Concen: 124.961 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM050010.D
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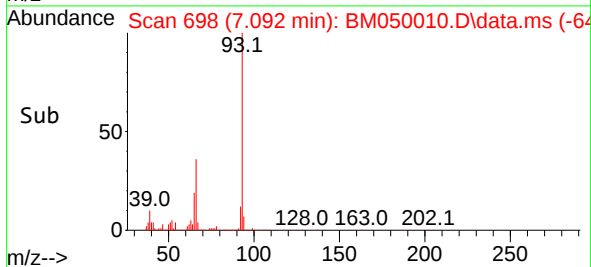
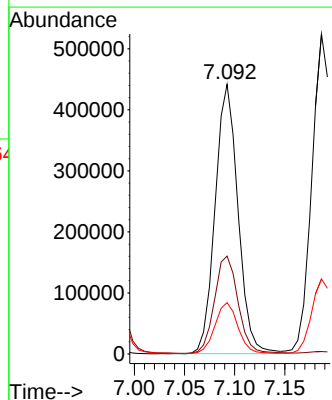
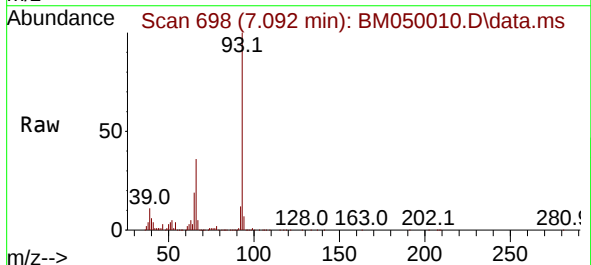
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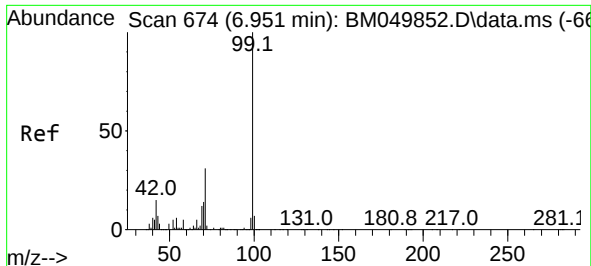
Tgt Ion:112 Resp: 2335796
Ion Ratio Lower Upper
112 100
64 51.9 41.0 61.6
63 26.8 21.5 32.3



#6
Aniline
Concen: 35.094 ng
RT: 7.092 min Scan# 698
Delta R.T. -0.012 min
Lab File: BM050010.D
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Tgt Ion: 93 Resp: 699344
Ion Ratio Lower Upper
93 100
66 36.3 29.1 43.7
65 19.1 14.9 22.3

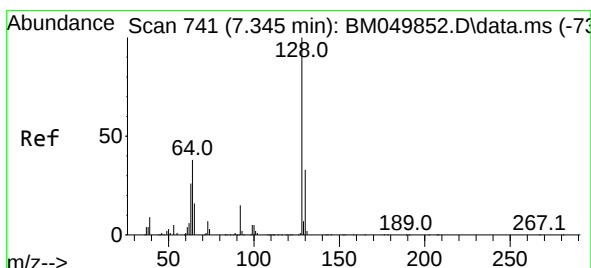
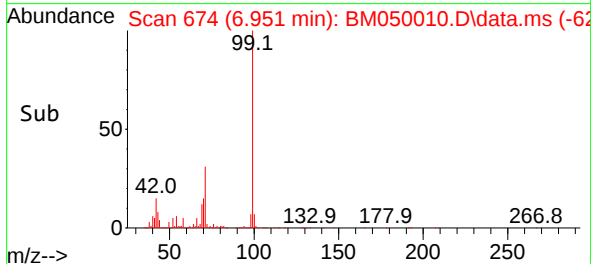
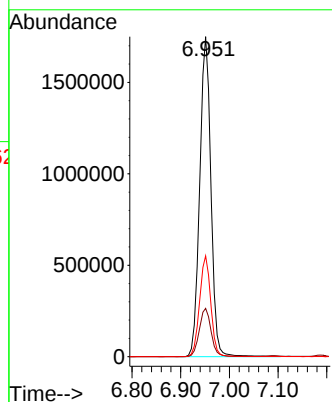
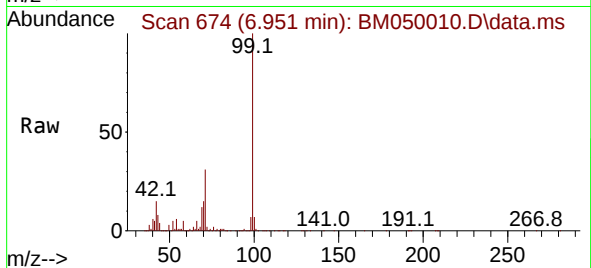




#7
Phenol-d6
Concen: 120.657 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
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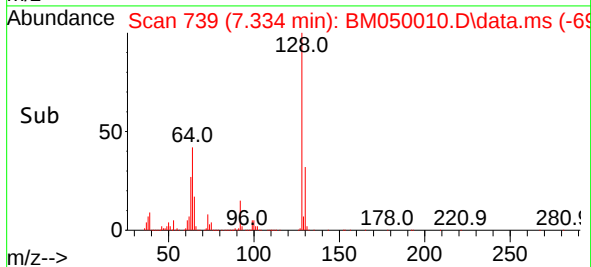
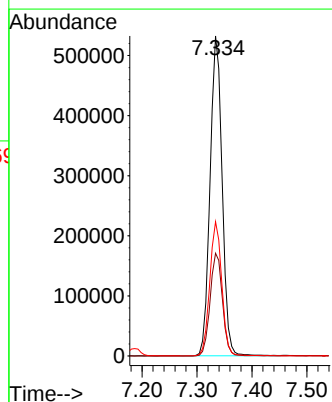
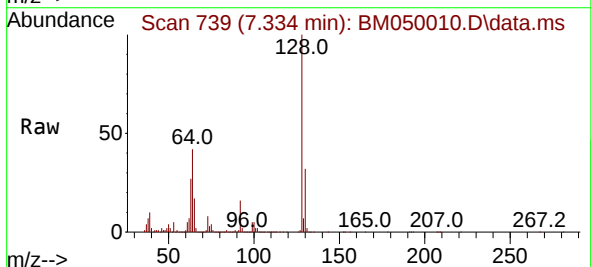
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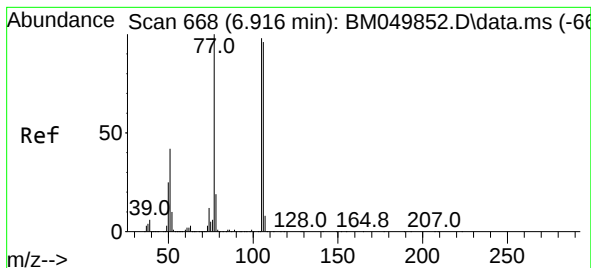
Tgt Ion: 99 Resp: 2806053
Ion Ratio Lower Upper
99 100
42 15.1 12.1 18.1
71 31.5 24.9 37.3



#8
2-Chlorophenol
Concen: 42.409 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion: 128 Resp: 812385
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 42.0 21.1 61.1





#9

Benzaldehyde

Concen: 33.524 ng

RT: 6.904 min Scan# 6

Delta R.T. -0.012 min

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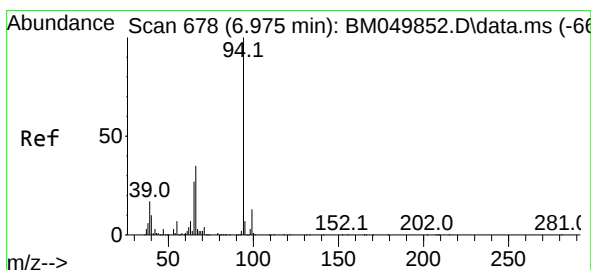
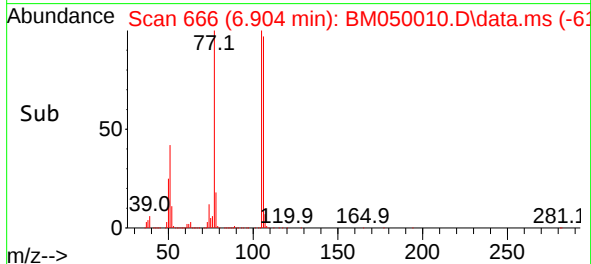
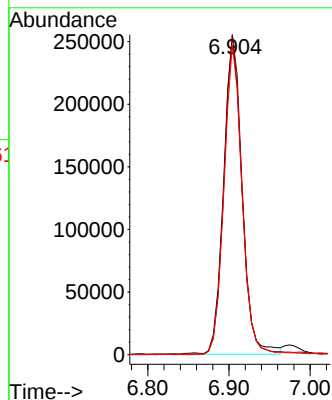
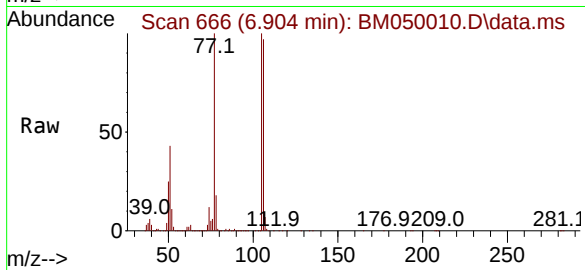
Tgt Ion: 77 Resp: 400088

Ion Ratio Lower Upper

77 100

105 99.9 78.3 118.3

106 96.7 76.0 116.0



#10

Phenol

Concen: 41.547 ng

RT: 6.975 min Scan# 678

Delta R.T. -0.000 min

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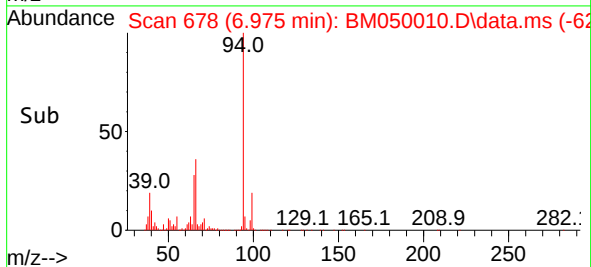
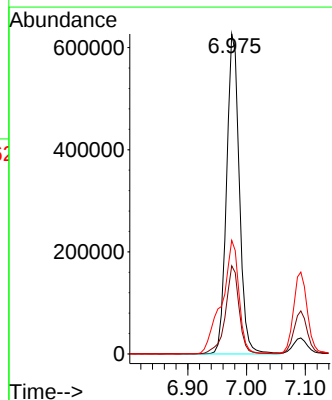
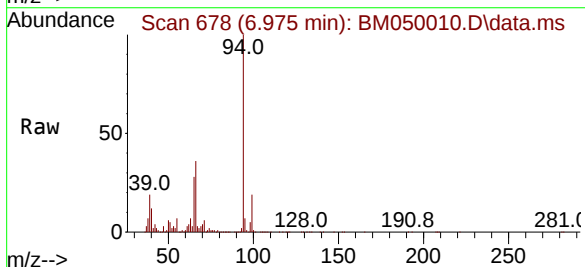
Tgt Ion: 94 Resp: 942918

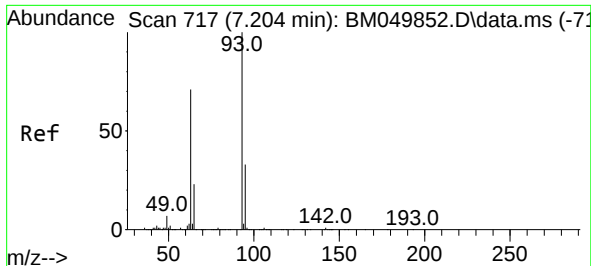
Ion Ratio Lower Upper

94 100

65 27.6 7.3 47.3

66 35.5 14.8 54.8

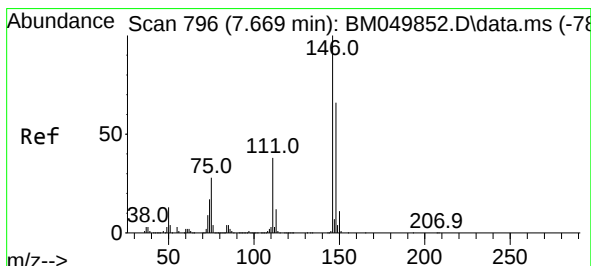
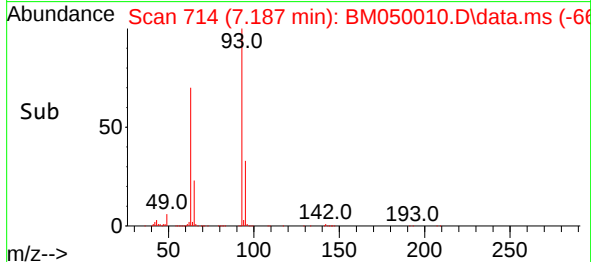
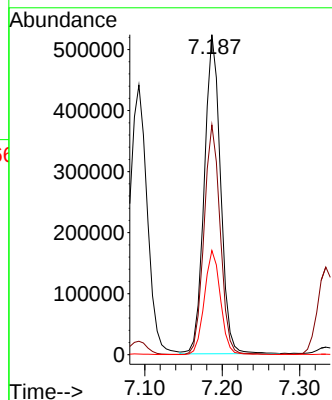
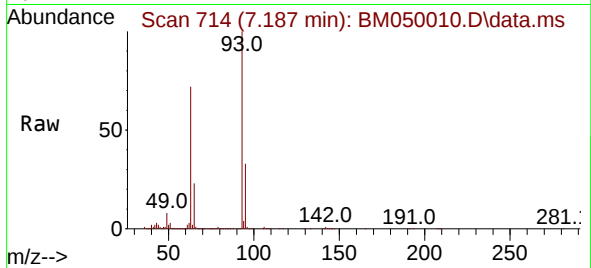




#11
bis(2-Chloroethyl)ether
Concen: 42.659 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

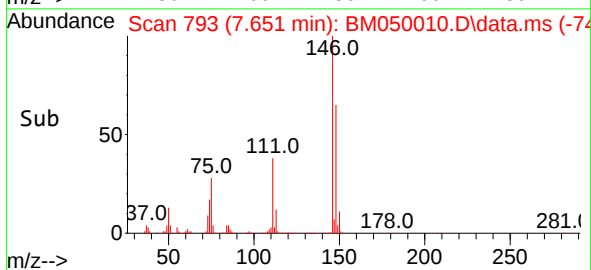
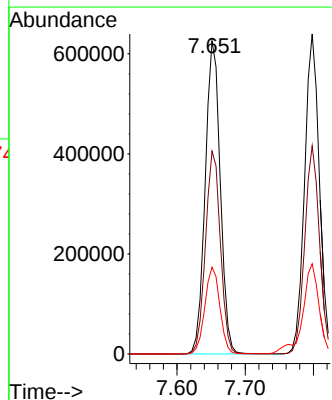
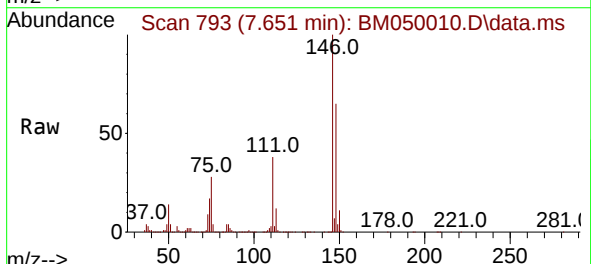
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

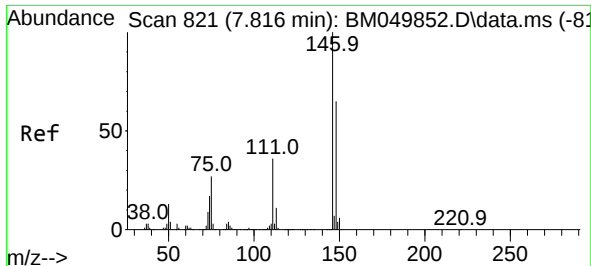
Tgt Ion: 93 Resp: 759207
Ion Ratio Lower Upper
93 100
63 71.8 50.9 90.9
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.457 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion: 146 Resp: 961546
Ion Ratio Lower Upper
146 100
148 64.8 52.5 78.7
75 27.7 22.5 33.7

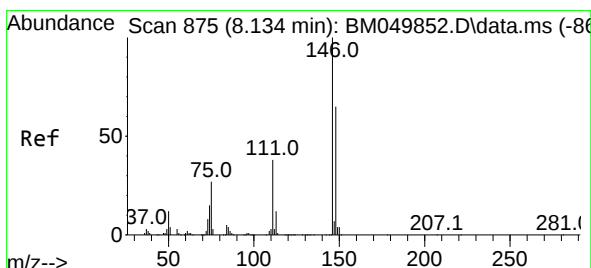
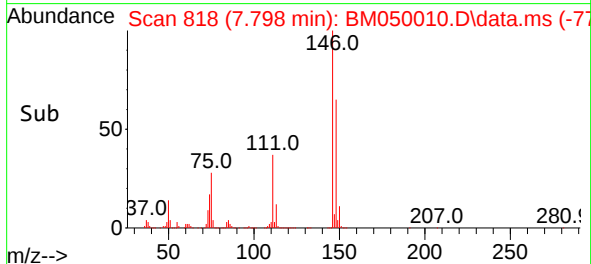
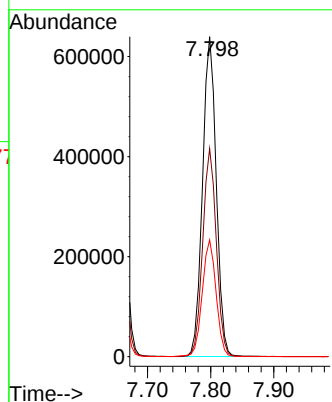
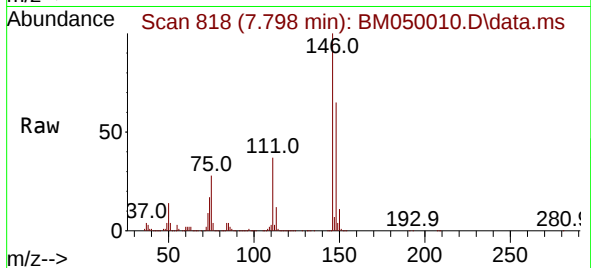




#13
1,4-Dichlorobenzene
Concen: 42.396 ng
RT: 7.798 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

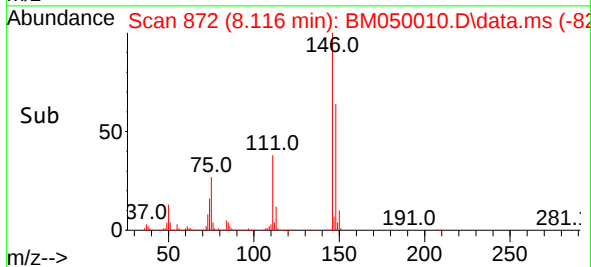
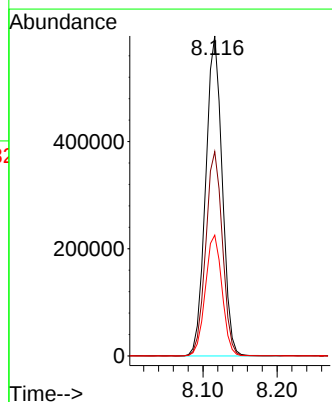
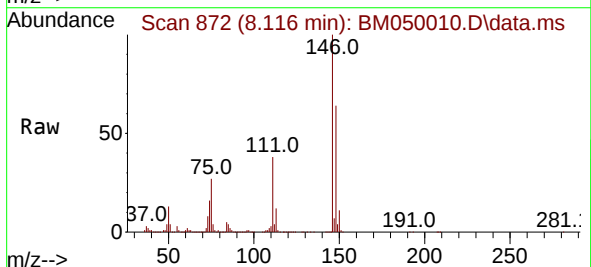
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

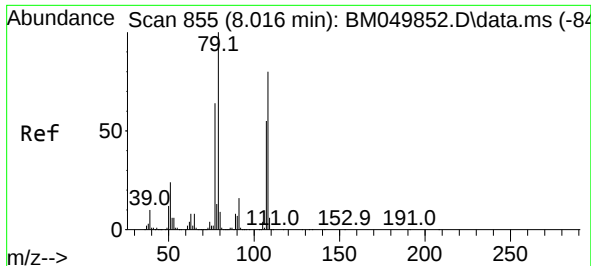
Tgt Ion:146 Resp: 966116
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 36.5 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 43.117 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:146 Resp: 925465
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 37.8 30.2 45.4

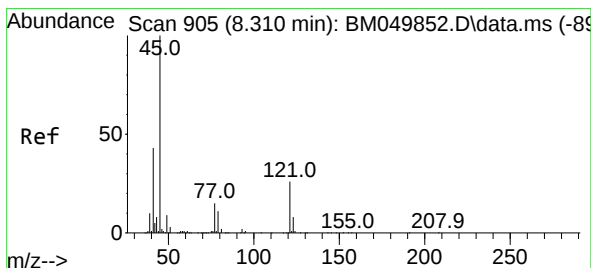
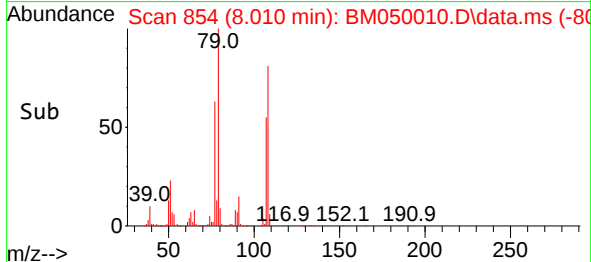
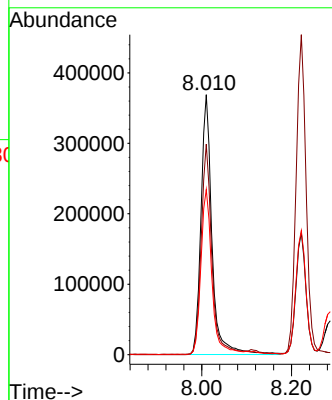
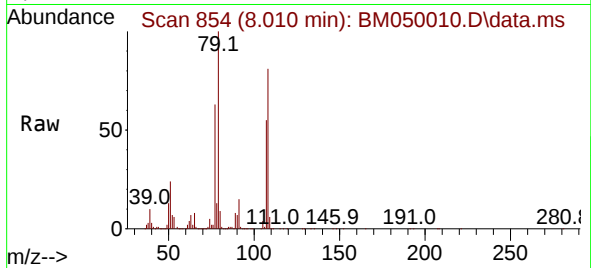




#15
Benzyl Alcohol
Concen: 42.820 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

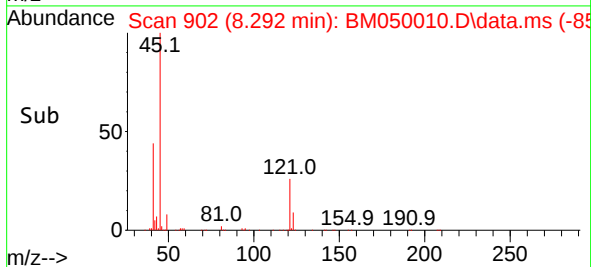
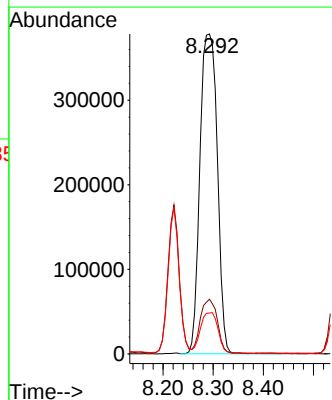
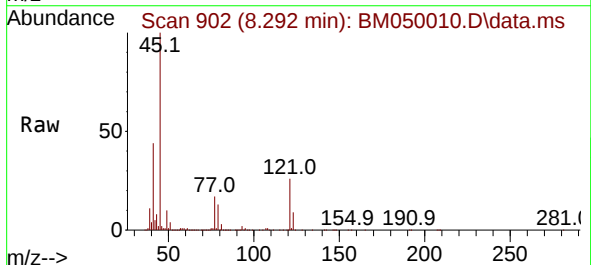
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

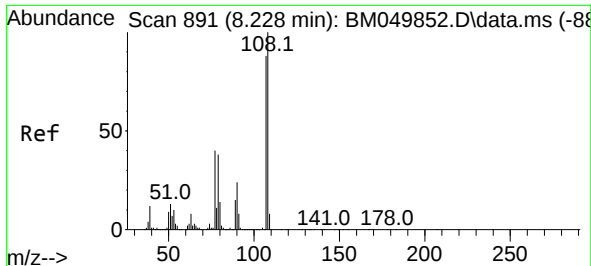
Tgt Ion: 79 Resp: 627090
Ion Ratio Lower Upper
79 100
108 80.9 63.6 95.4
77 63.5 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.874 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion: 45 Resp: 909997
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.9
79 12.8 0.0 32.9

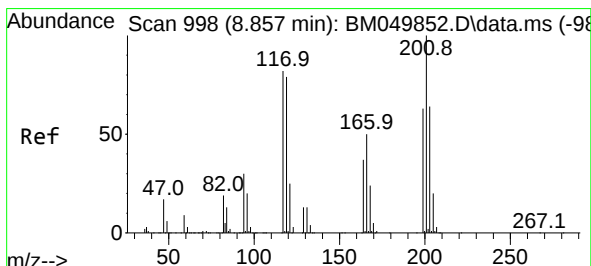
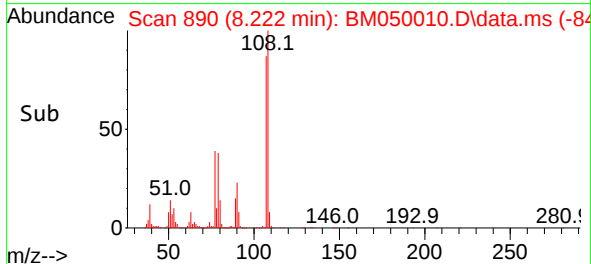
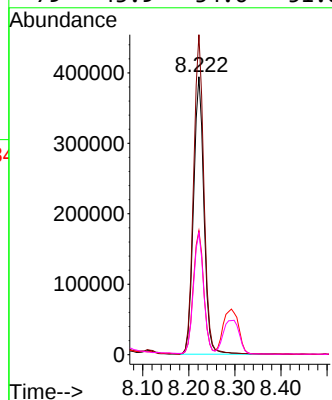
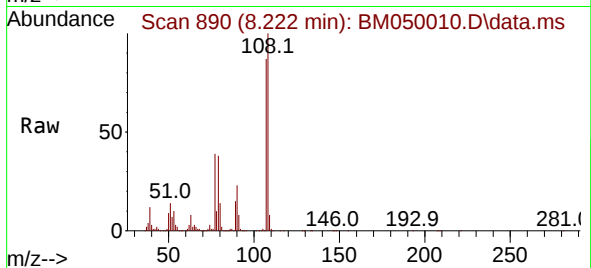




#17
2-Methylphenol
Concen: 43.974 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

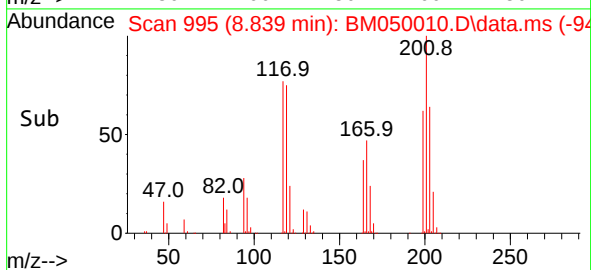
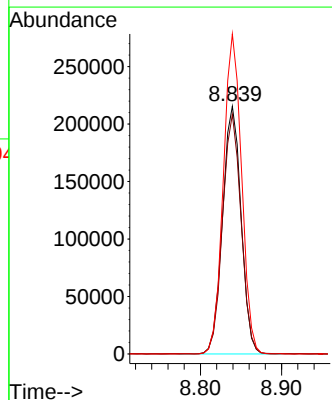
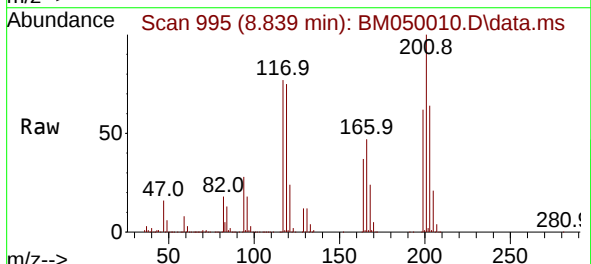
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

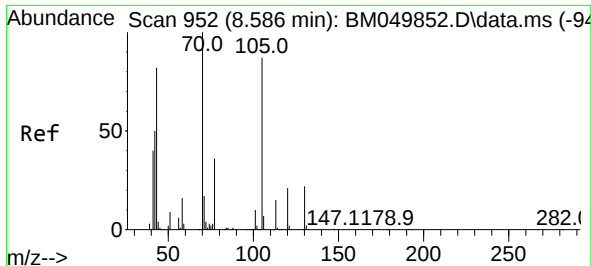
Tgt Ion:107 Resp: 615007
Ion Ratio Lower Upper
107 100
108 115.1 91.0 136.6
77 44.6 36.5 54.7
79 43.9 34.6 51.8



#18
Hexachloroethane
Concen: 43.253 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:117 Resp: 342914
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3
201 129.2 97.7 146.5

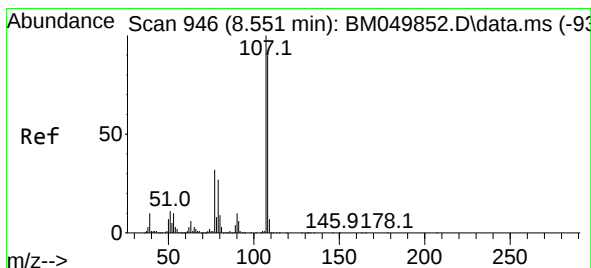
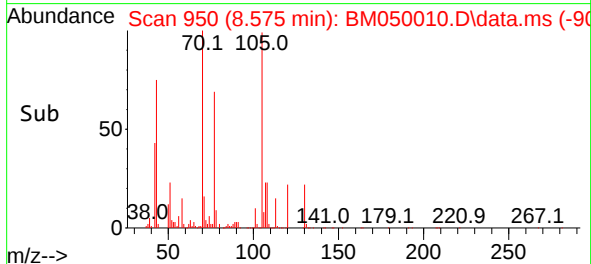
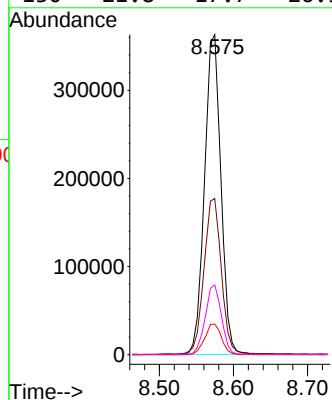
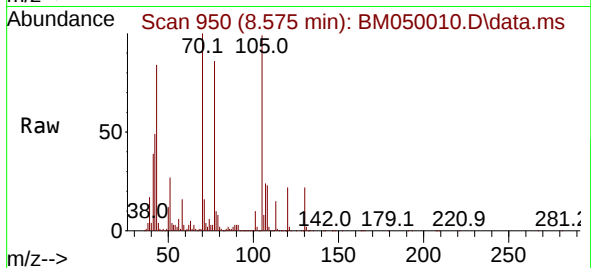




#19
n-Nitroso-di-n-propylamine
Concen: 43.355 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

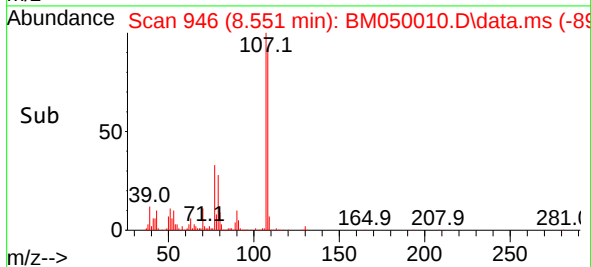
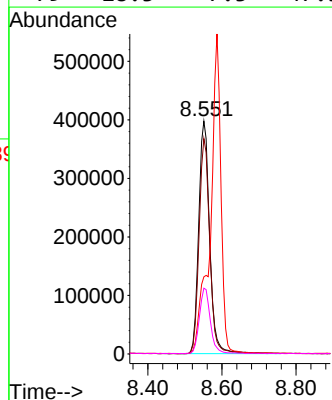
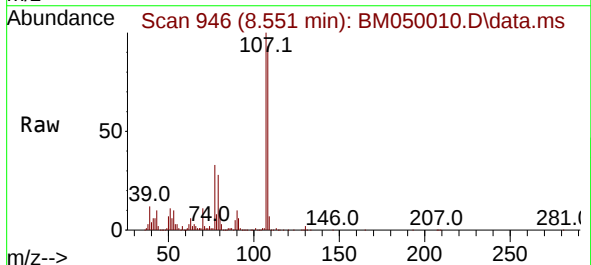
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

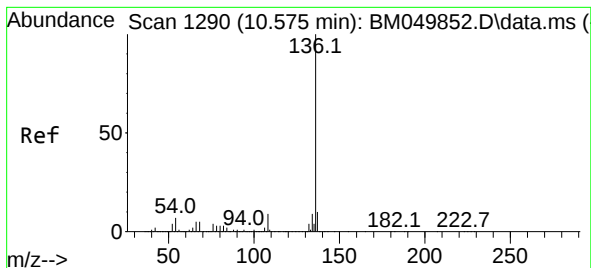
Tgt Ion: 70 Resp: 558448
Ion Ratio Lower Upper
70 100
42 48.8 40.2 60.2
101 9.5 7.9 11.9
130 21.8 17.7 26.5



#20
3+4-Methylphenols
Concen: 42.696 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion: 107 Resp: 814087
Ion Ratio Lower Upper
107 100
108 92.5 69.6 109.6
77 33.2 11.7 51.7
79 28.3 7.3 47.3

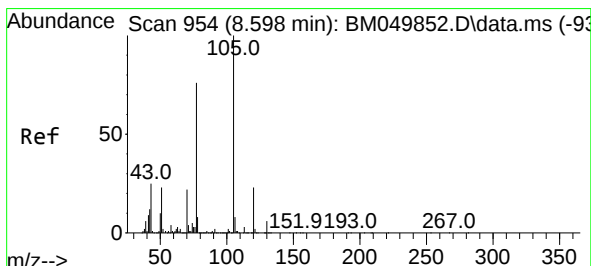
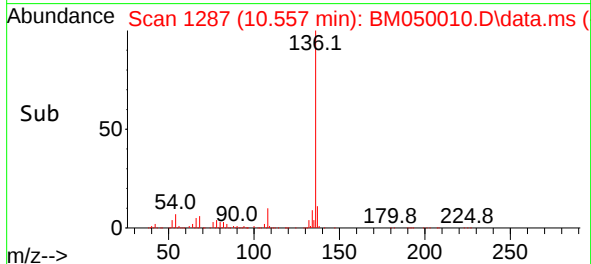
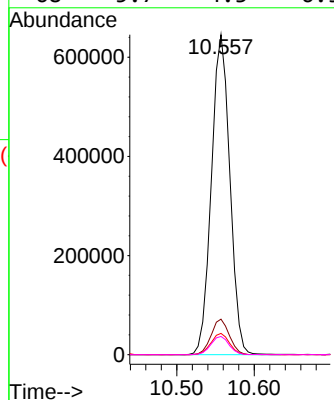
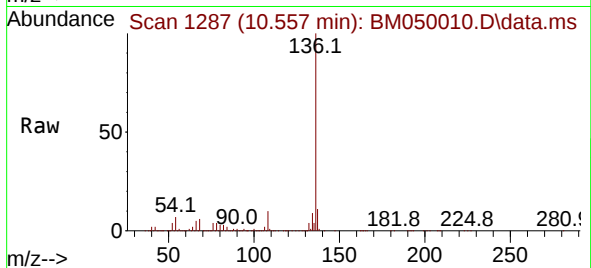




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

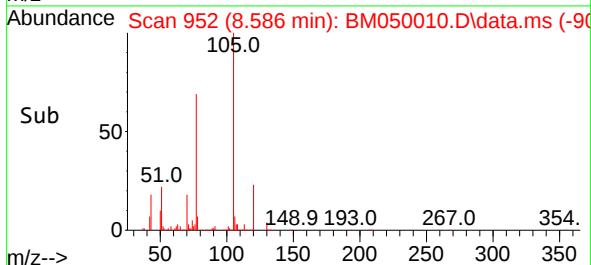
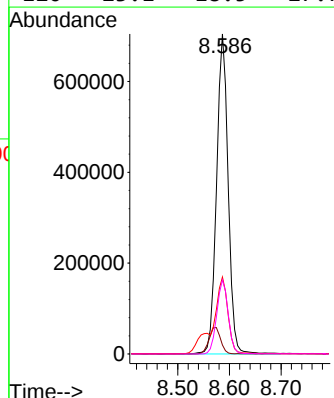
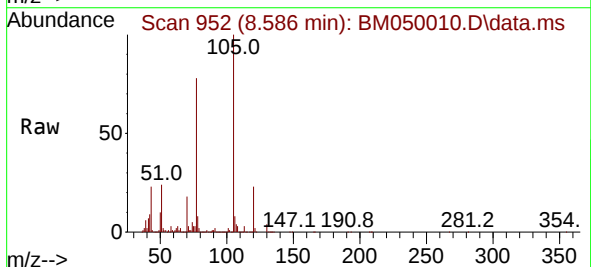
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

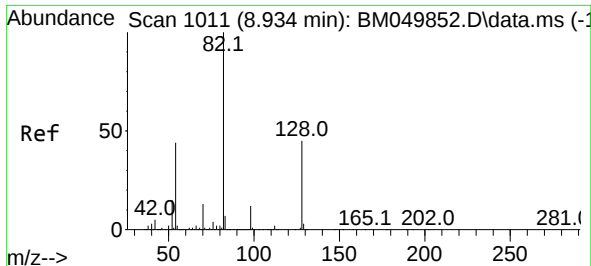
Tgt Ion:136 Resp: 1068100
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.7 5.3 7.9
68 5.7 4.3 6.5



#22
Acetophenone
Concen: 42.179 ng
RT: 8.586 min Scan# 952
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:105 Resp: 1094877
Ion Ratio Lower Upper
105 100
71 2.8 3.0 4.4#
51 24.0 18.6 27.8
120 23.1 18.5 27.7

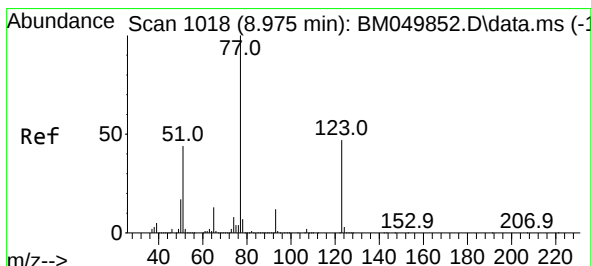
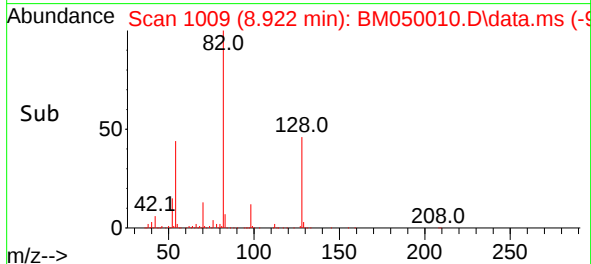
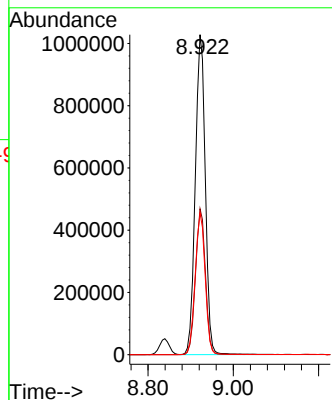
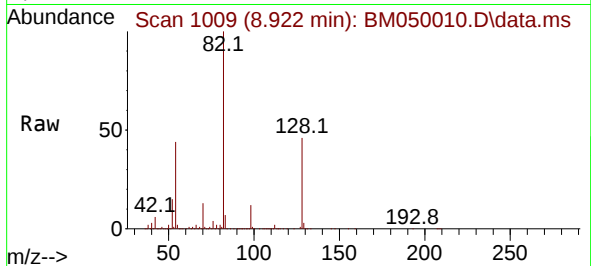




#23
Nitrobenzene-d5
Concen: 87.359 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

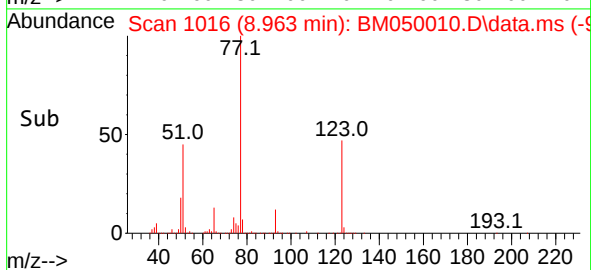
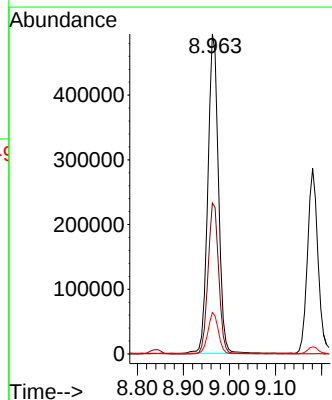
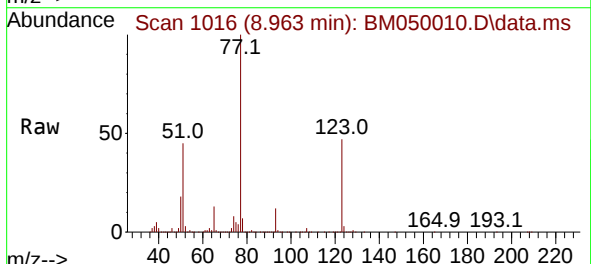
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

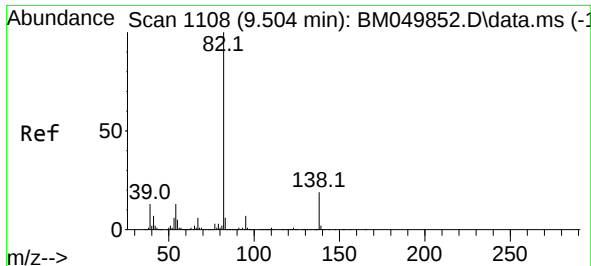
Tgt Ion: 82 Resp: 1675641
Ion Ratio Lower Upper
82 100
128 45.6 36.2 54.2
54 44.2 35.0 52.6



#24
Nitrobenzene
Concen: 42.781 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion: 77 Resp: 790137
Ion Ratio Lower Upper
77 100
123 47.2 37.4 56.2
65 13.0 10.1 15.1





#25

Isophorone

Concen: 45.430 ng

RT: 9.492 min Scan# 1106

Delta R.T. -0.012 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

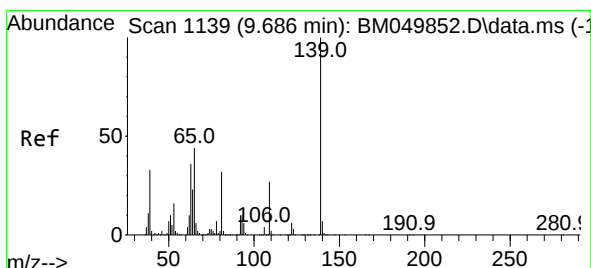
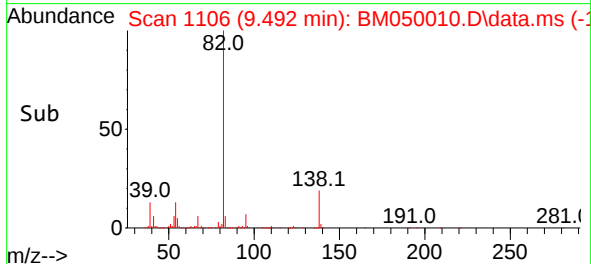
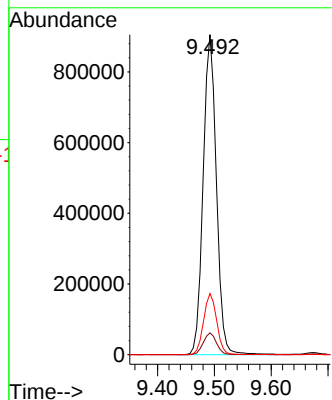
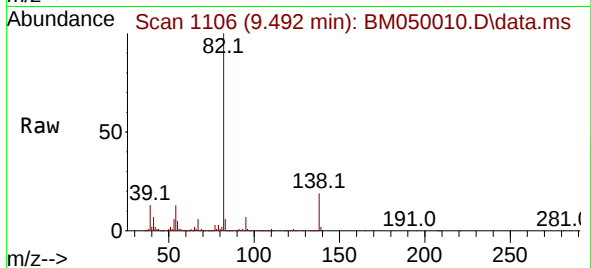
Tgt Ion: 82 Resp: 1459762

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.1 15.0 22.6



#26

2-Nitrophenol

Concen: 43.313 ng

RT: 9.675 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

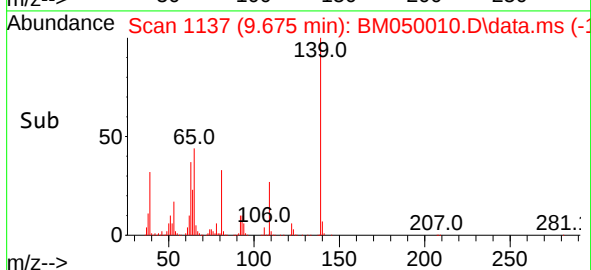
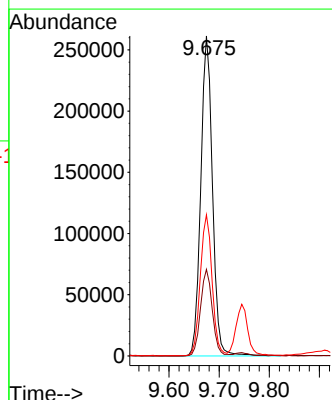
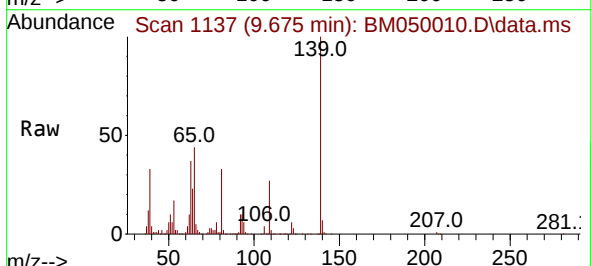
Tgt Ion:139 Resp: 423997

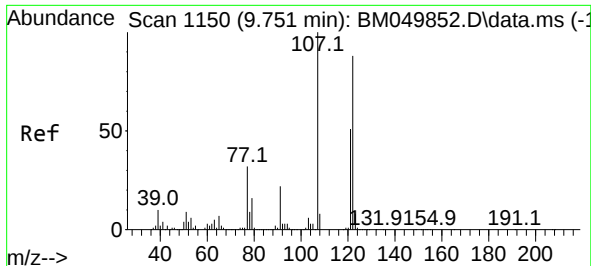
Ion Ratio Lower Upper

139 100

109 27.0 21.7 32.5

65 44.1 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 61.248 ng

RT: 9.745 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

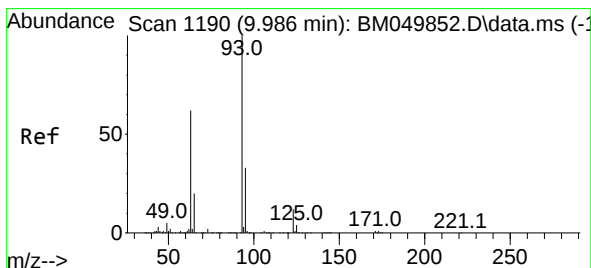
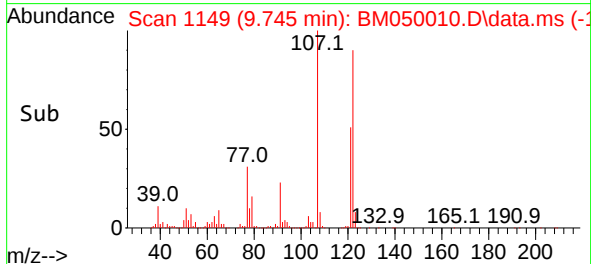
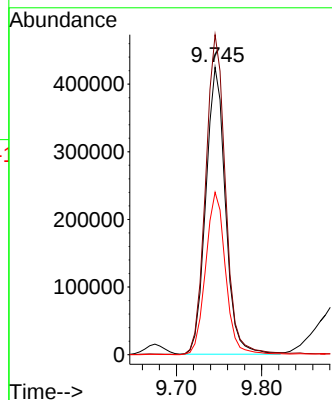
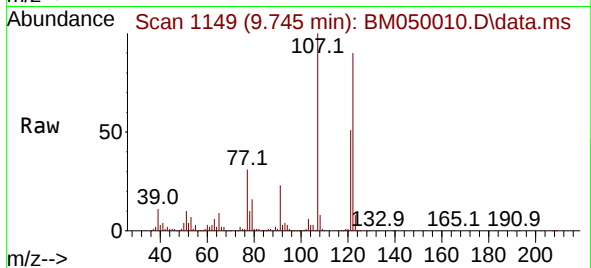
Tgt Ion:122 Resp: 679478

Ion Ratio Lower Upper

122 100

107 111.4 90.3 135.5

121 56.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.254 ng

RT: 9.969 min Scan# 1187

Delta R.T. -0.018 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

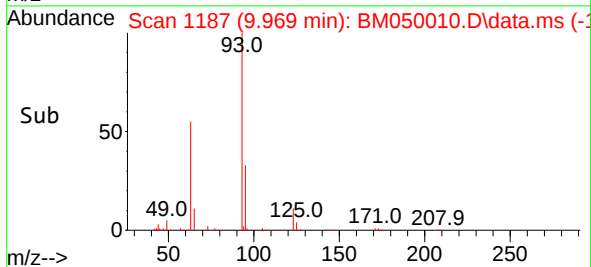
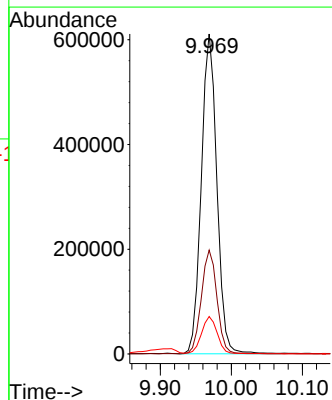
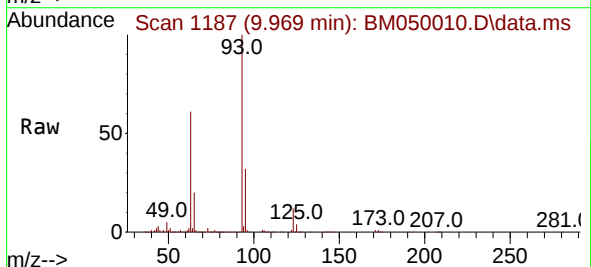
Tgt Ion: 93 Resp: 930464

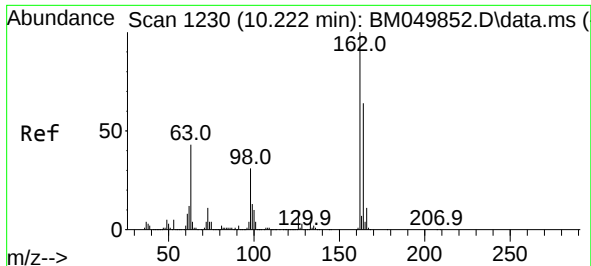
Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

123 11.7 9.5 14.3

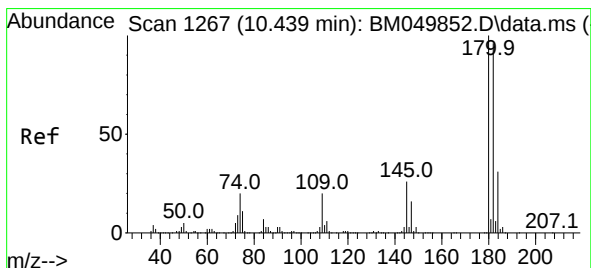
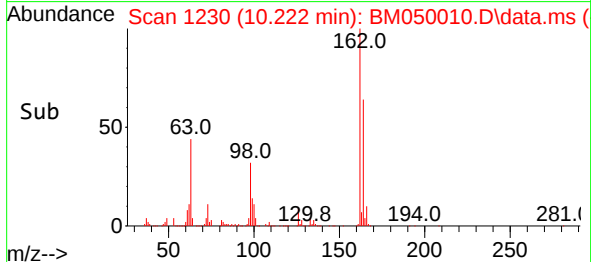
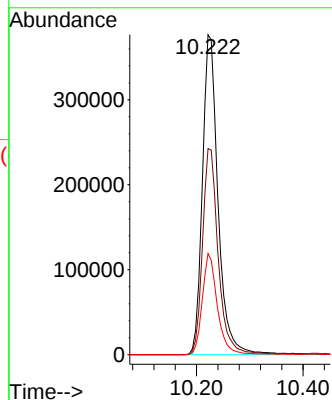
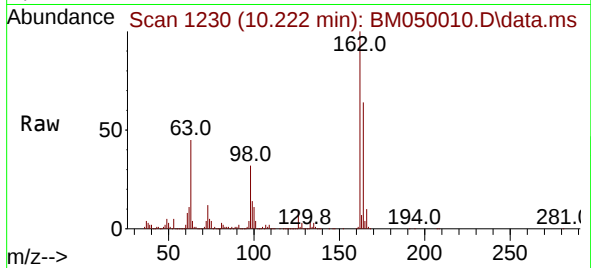




#29
2,4-Dichlorophenol
Concen: 41.561 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

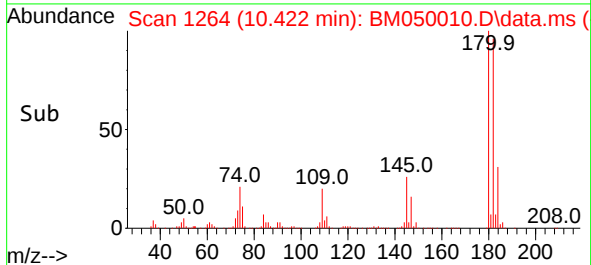
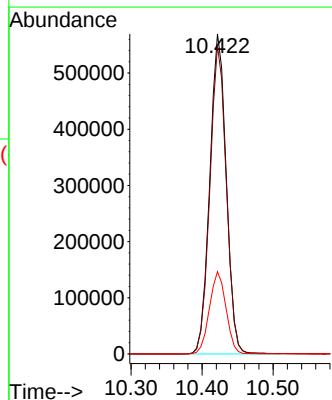
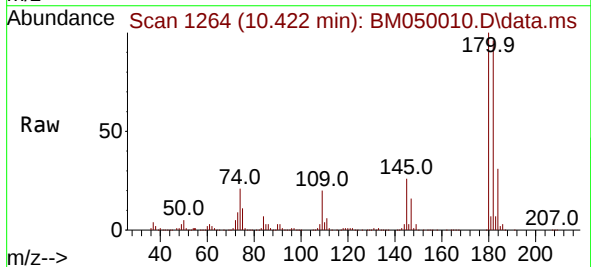
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

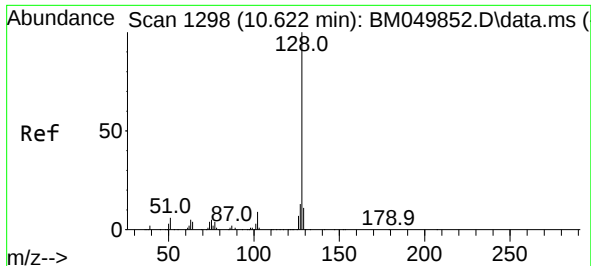
Tgt Ion:162 Resp: 766418
Ion Ratio Lower Upper
162 100
164 64.4 44.3 84.3
98 31.6 10.9 50.9



#30
1,2,4-Trichlorobenzene
Concen: 43.040 ng
RT: 10.422 min Scan# 1264
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:180 Resp: 918188
Ion Ratio Lower Upper
180 100
182 96.3 76.7 115.1
145 25.7 20.8 31.2

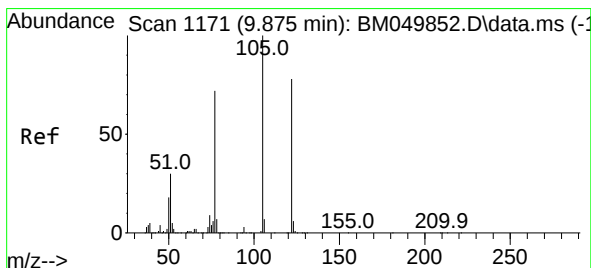
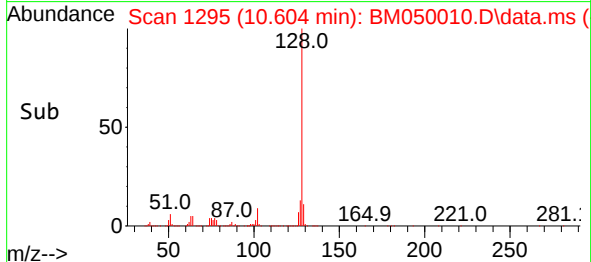
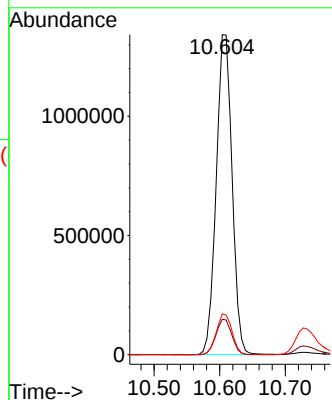
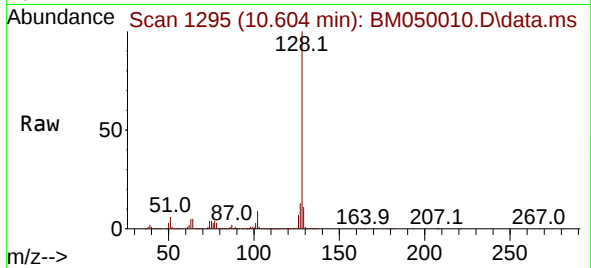




#31
Naphthalene
Concen: 40.943 ng
RT: 10.604 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

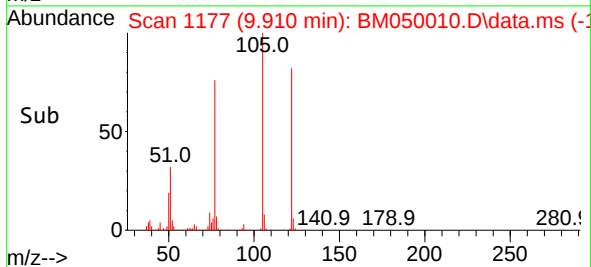
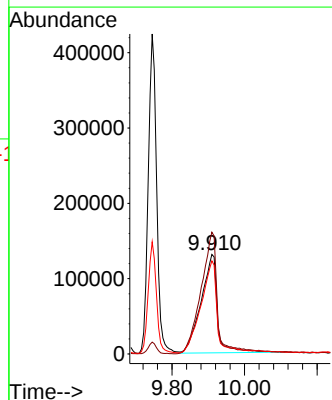
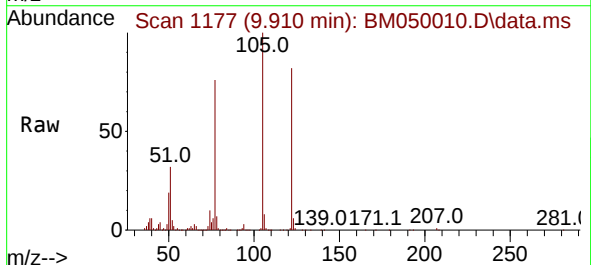
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

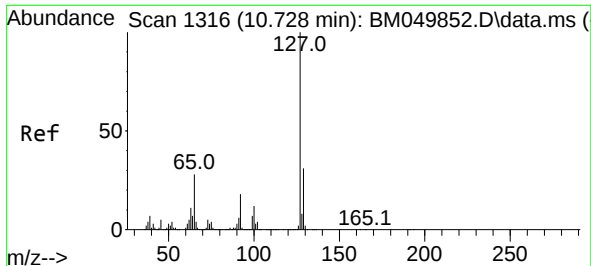
Tgt Ion:128 Resp: 2247085
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 33.156 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.035 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:122 Resp: 411761
Ion Ratio Lower Upper
122 100
105 122.5 103.8 143.8
77 93.6 70.7 110.7

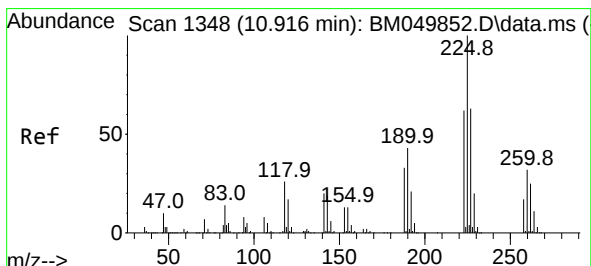
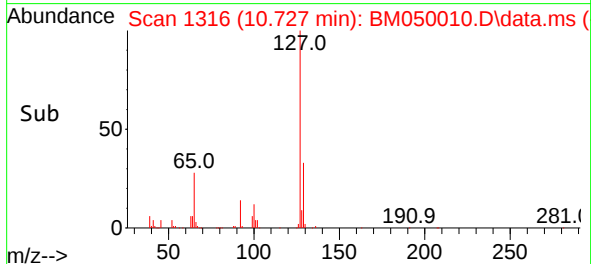
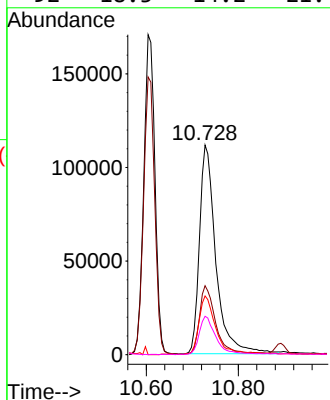
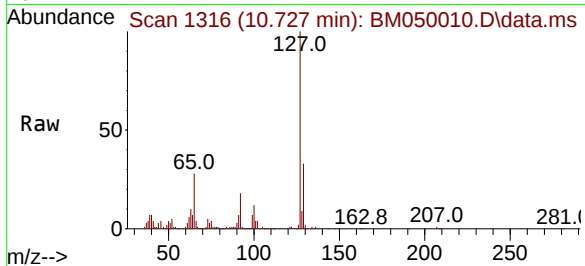




#33
4-Chloroaniline
Concen: 14.305 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

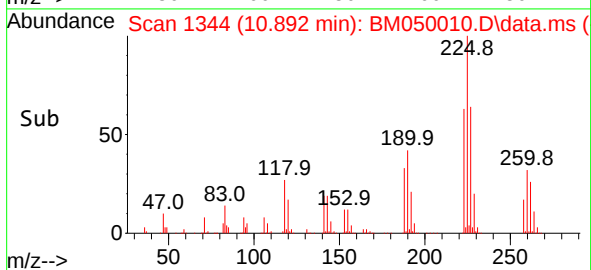
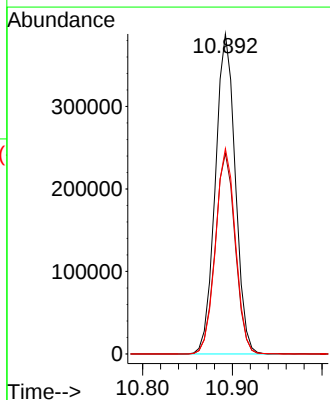
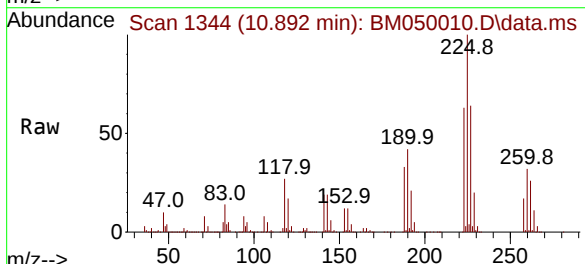
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

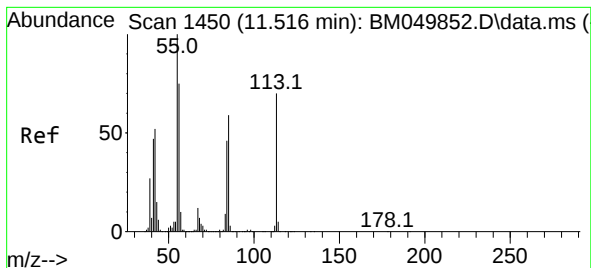
Tgt Ion:	127	Resp:	277229
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.9	37.3
65	28.0	22.4	33.6
92	18.3	14.2	21.4



#34
Hexachlorobutadiene
Concen: 45.351 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.024 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:	225	Resp:	598452
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	64.2	50.1	75.1





#35

Caprolactam

Concen: 36.753 ng

RT: 11.522 min Scan# 14

Delta R.T. 0.006 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

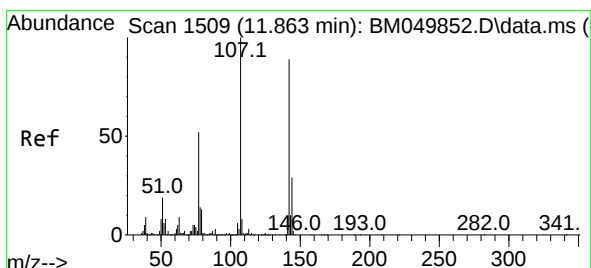
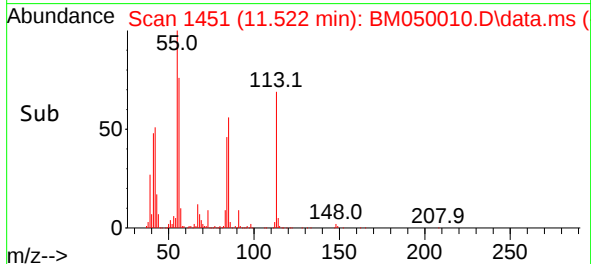
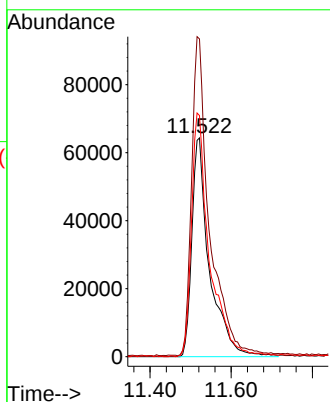
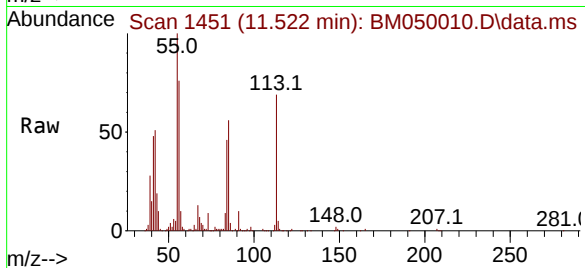
Tgt Ion:113 Resp: 194391

Ion Ratio Lower Upper

113 100

55 145.2 124.3 164.3

56 110.2 87.5 127.5



#36

4-Chloro-3-methylphenol

Concen: 40.449 ng

RT: 11.869 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

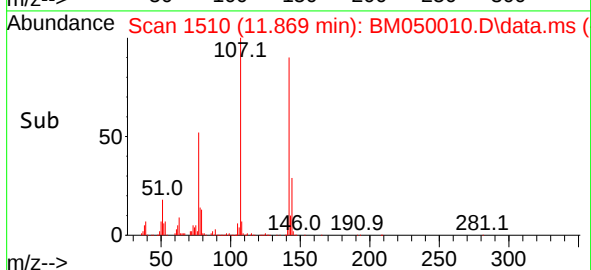
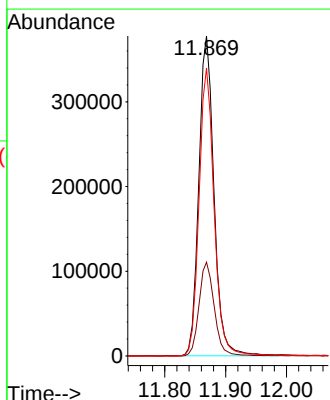
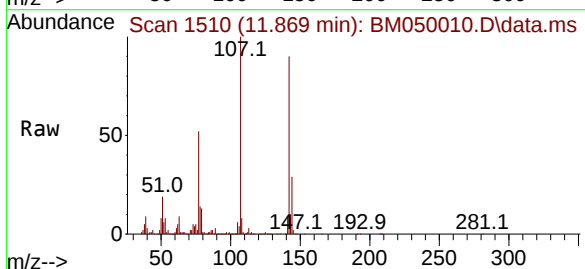
Tgt Ion:107 Resp: 653385

Ion Ratio Lower Upper

107 100

144 29.3 23.6 35.4

142 90.0 71.4 107.0

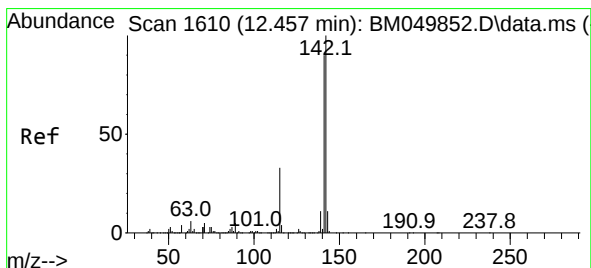
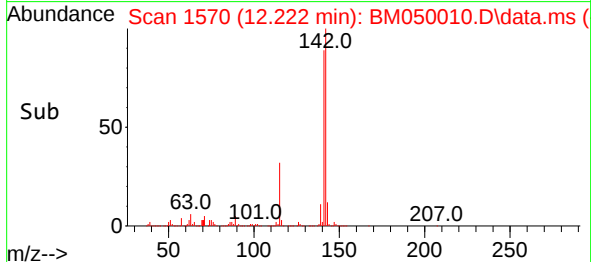
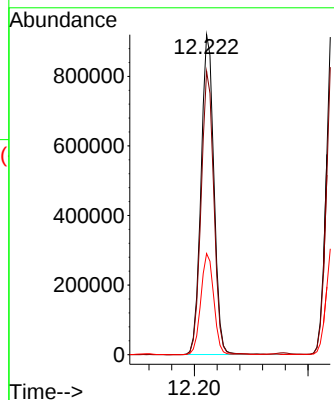
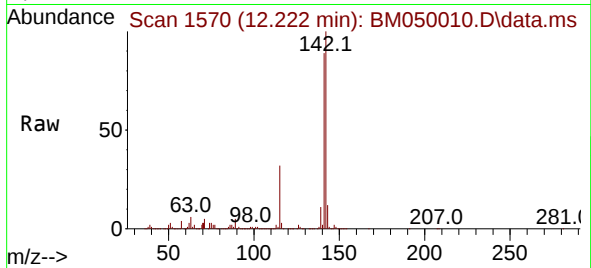




#37
2-Methylnaphthalene
Concen: 37.473 ng
RT: 12.222 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

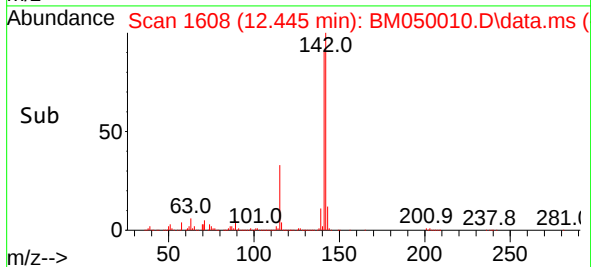
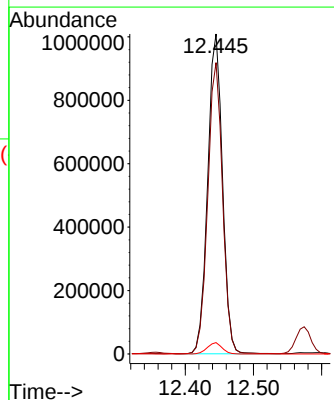
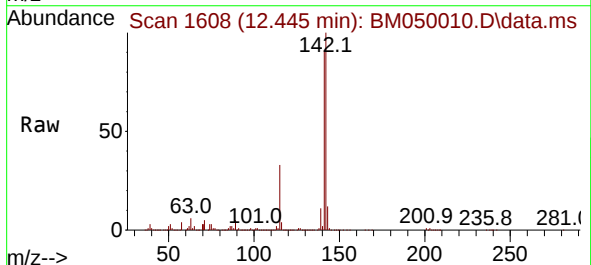
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

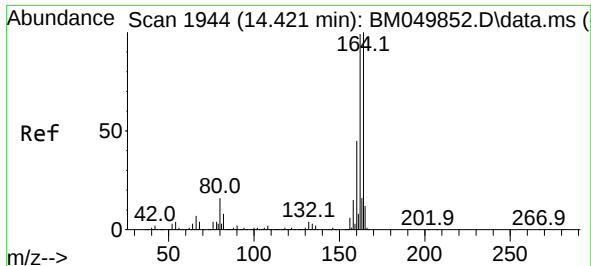
Tgt Ion:142 Resp: 1449016
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.2
115 31.6 25.4 38.2



#38
1-Methylnaphthalene
Concen: 40.388 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:142 Resp: 1521509
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2
116 3.6 2.9 4.3

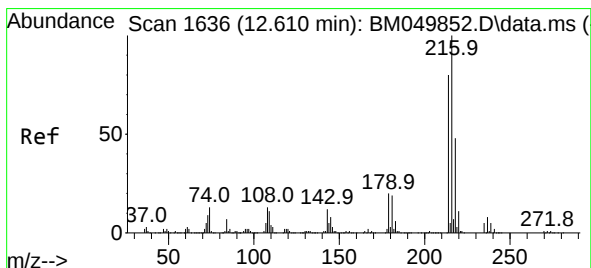
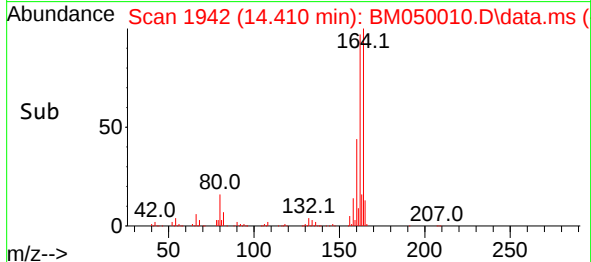
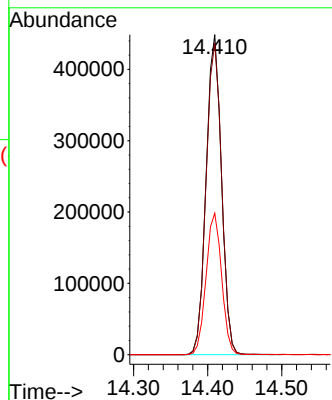
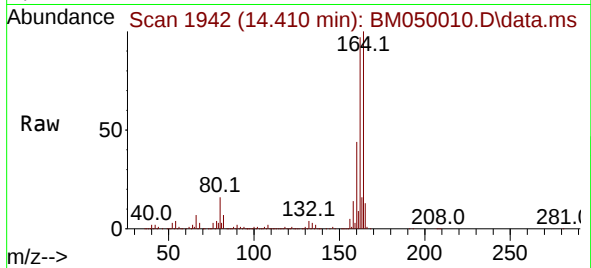




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

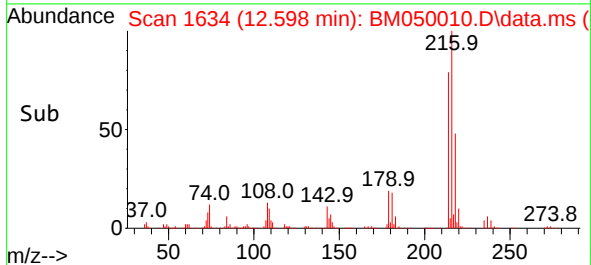
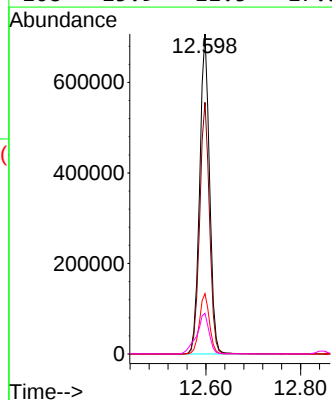
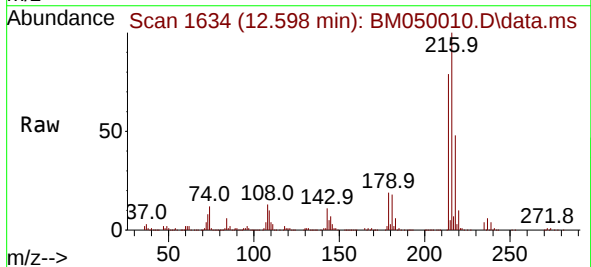
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

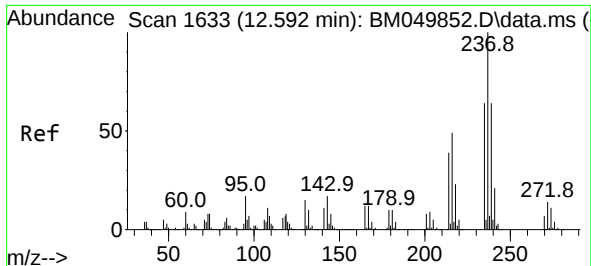
Tgt Ion:164 Resp: 644714
Ion Ratio Lower Upper
164 100
162 97.4 79.4 119.0
160 44.2 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.364 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:216 Resp: 1023195
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 19.0 15.8 23.6
108 15.9 11.5 17.3

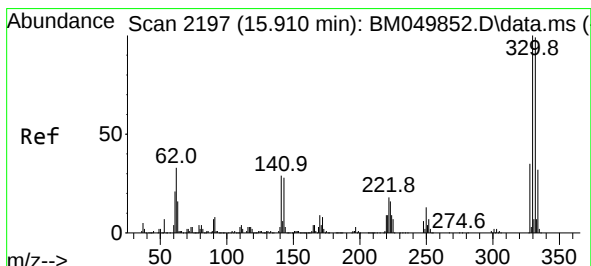
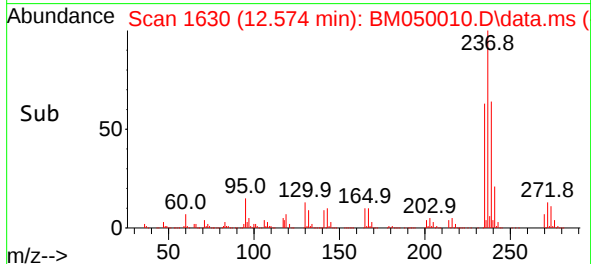
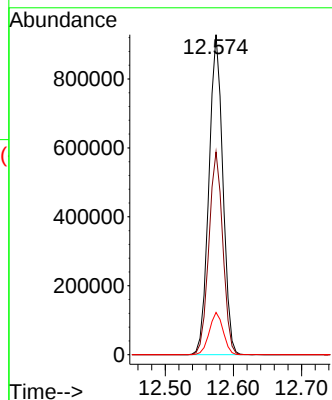
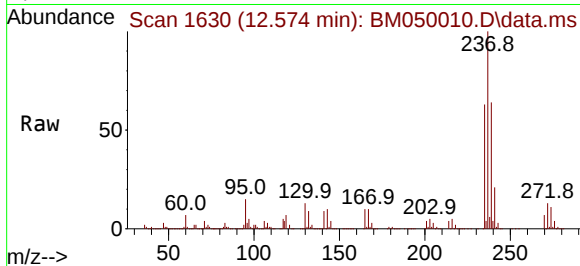




#41
Hexachlorocyclopentadiene
Concen: 166.749 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

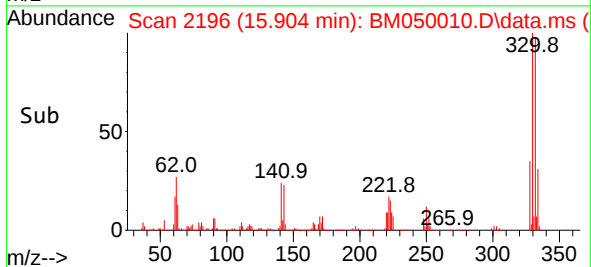
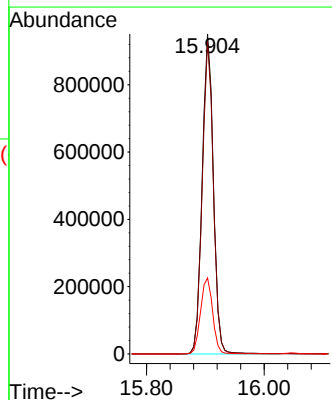
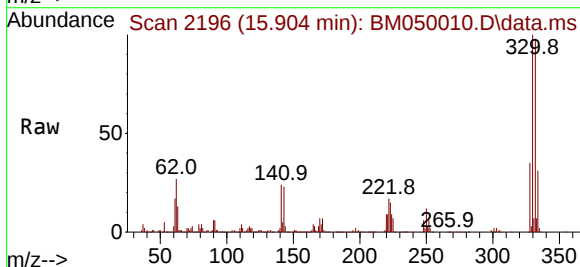
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

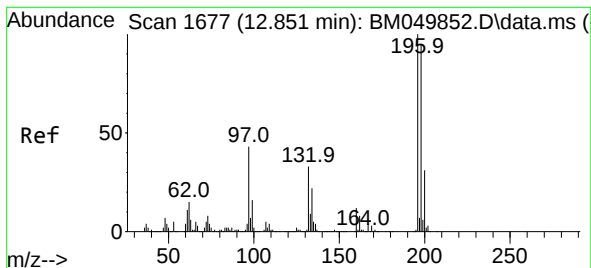
Tgt Ion:237 Resp: 1317895
Ion Ratio Lower Upper
237 100
235 63.4 43.7 83.7
272 13.2 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 133.692 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:330 Resp: 1253713
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 25.9 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 44.834 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

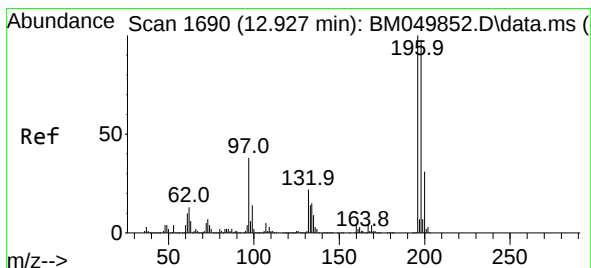
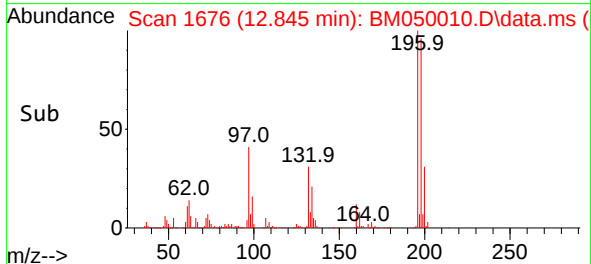
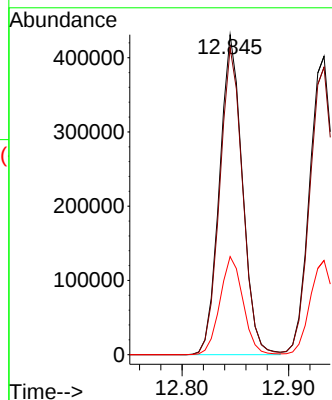
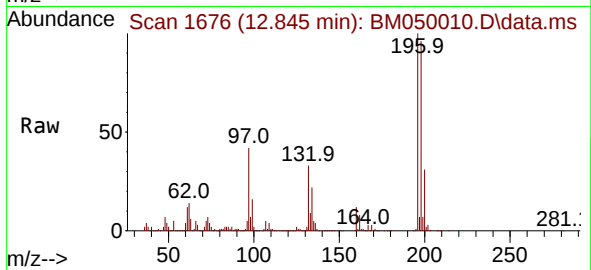
Tgt Ion:196 Resp: 643485

Ion Ratio Lower Upper

196 100

198 95.9 76.1 114.1

200 30.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 43.715 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Tgt Ion:196 Resp: 681825

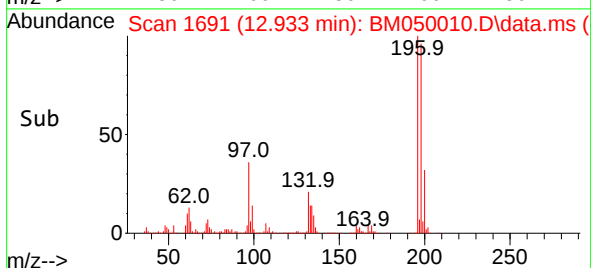
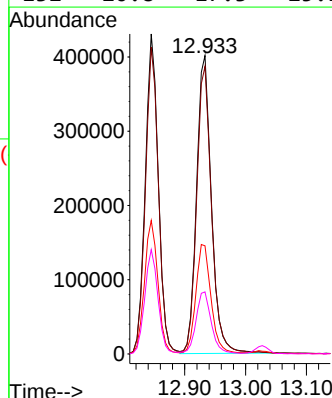
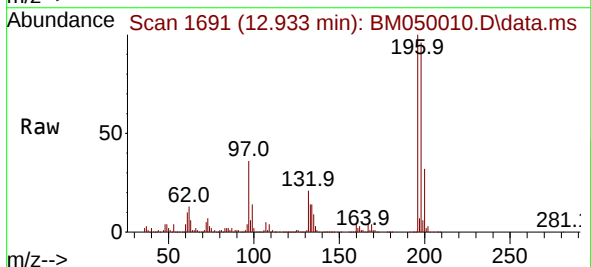
Ion Ratio Lower Upper

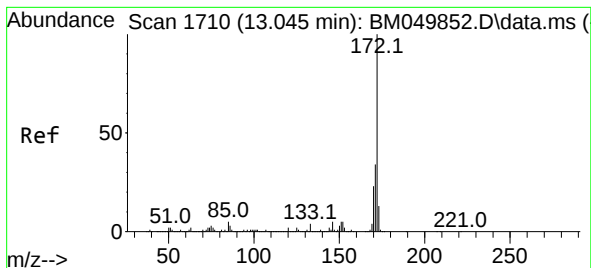
196 100

198 96.3 77.7 116.5

97 36.2 30.3 45.5

132 20.8 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 90.830 ng

RT: 13.027 min Scan# 1707

Delta R.T. -0.018 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

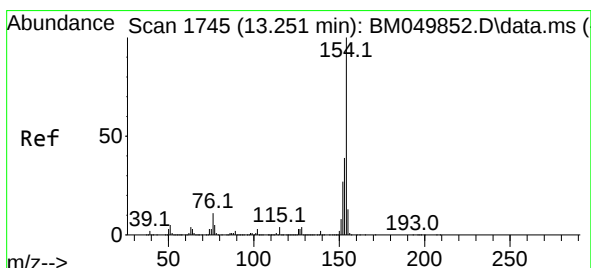
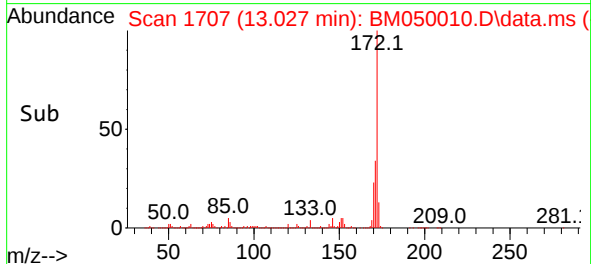
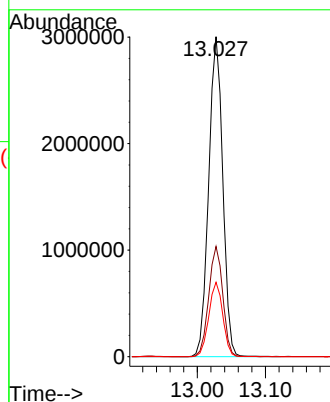
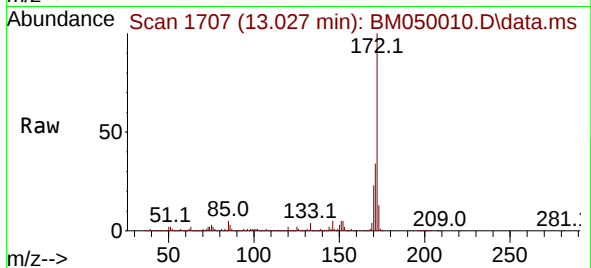
Tgt Ion:172 Resp: 4318506

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.2

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 43.243 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.012 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

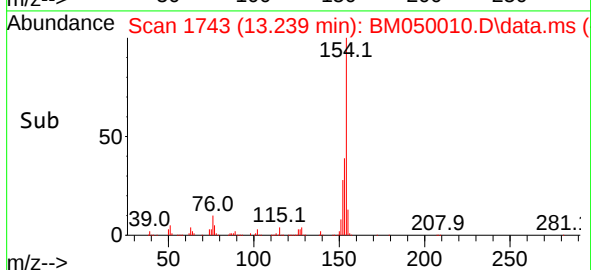
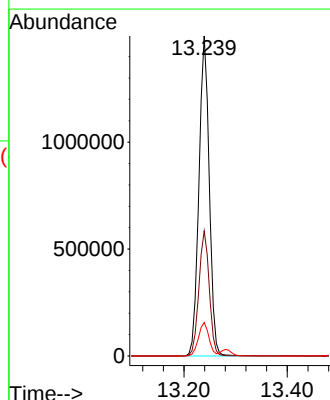
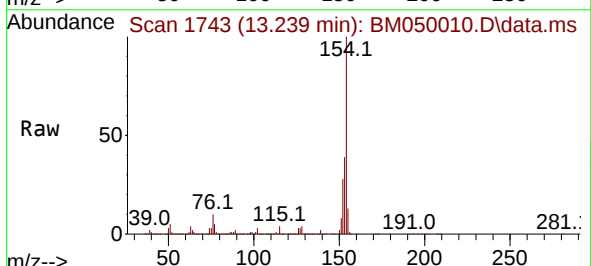
Tgt Ion:154 Resp: 2072477

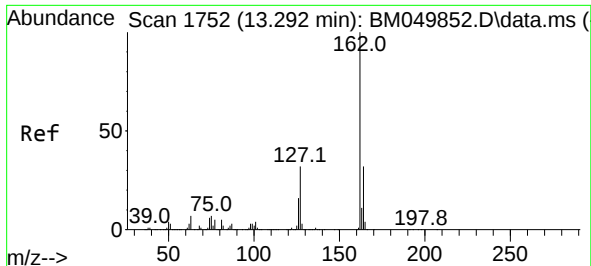
Ion Ratio Lower Upper

154 100

153 39.1 19.3 59.3

76 10.5 0.0 30.7

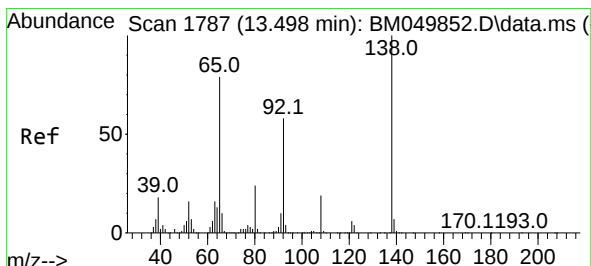
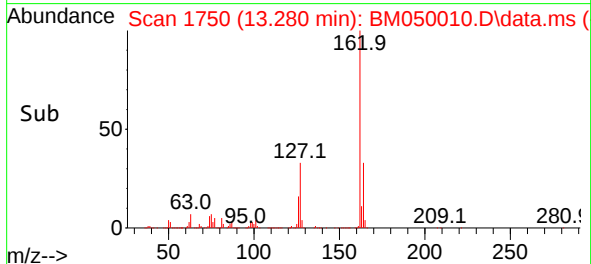
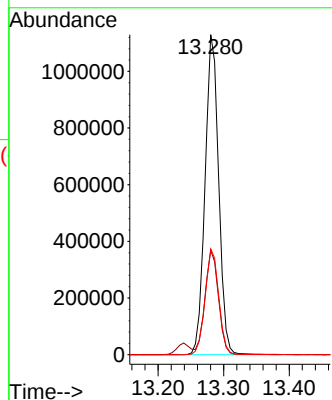
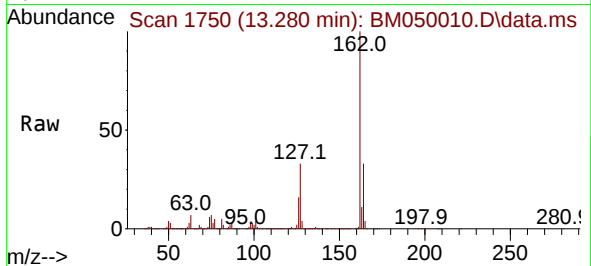




#47
2-Chloronaphthalene
Concen: 43.381 ng
RT: 13.280 min Scan# 1750
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

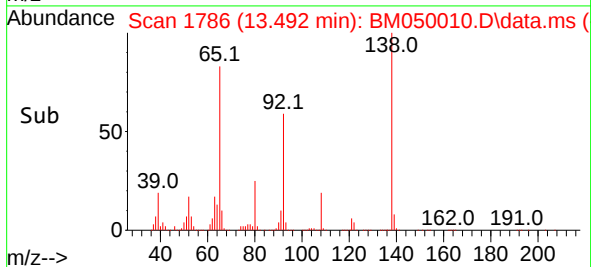
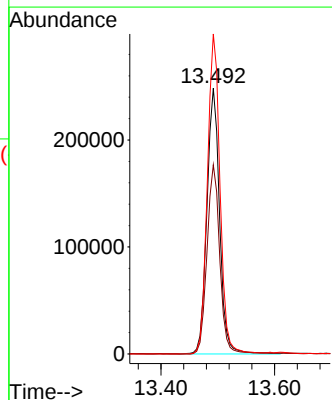
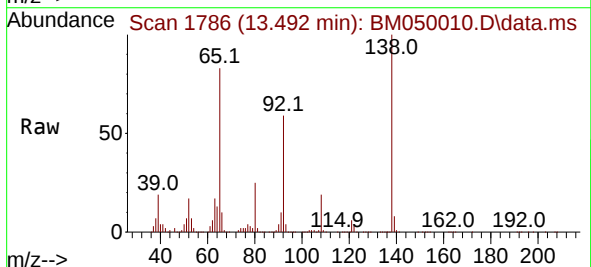
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

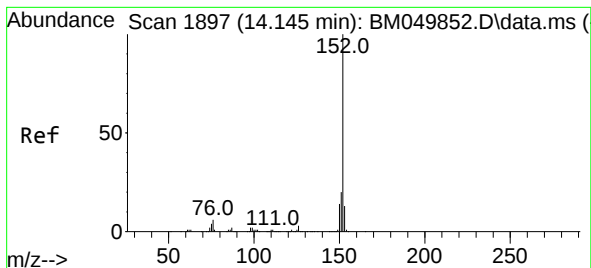
Tgt Ion:162 Resp: 1634125
Ion Ratio Lower Upper
162 100
127 32.7 26.0 39.0
164 33.1 25.9 38.9



#48
2-Nitroaniline
Concen: 44.254 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion: 65 Resp: 385657
Ion Ratio Lower Upper
65 100
92 71.2 58.4 87.6
138 120.4 100.8 151.2





#49

Acenaphthylene

Concen: 46.022 ng

RT: 14.127 min Scan# 1894

Delta R.T. -0.018 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

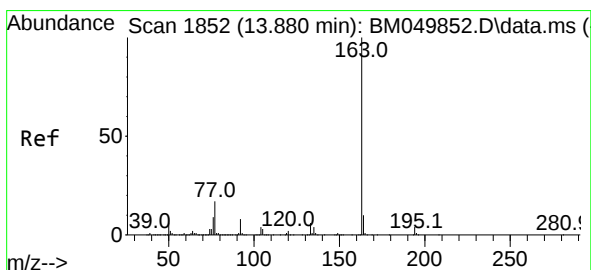
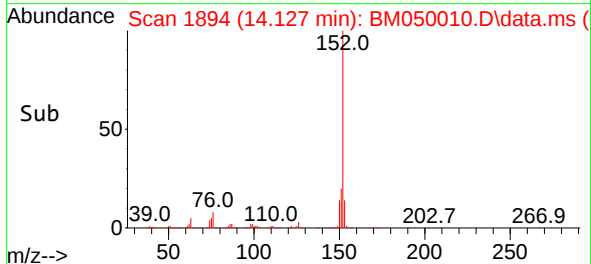
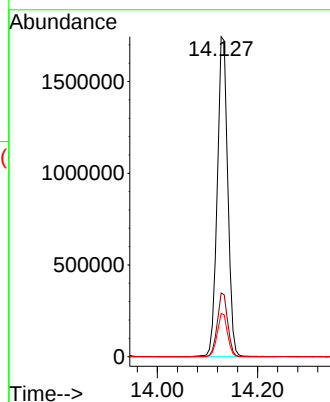
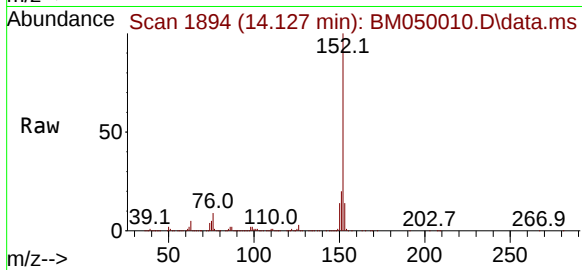
Tgt Ion:152 Resp: 2525238

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 42.299 ng

RT: 13.868 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

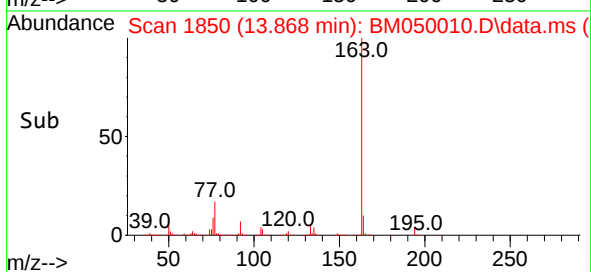
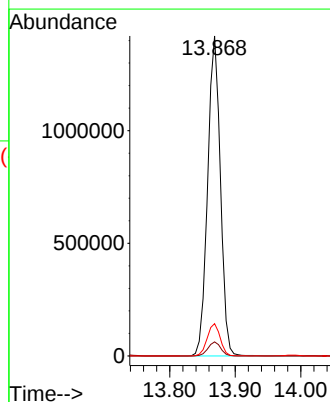
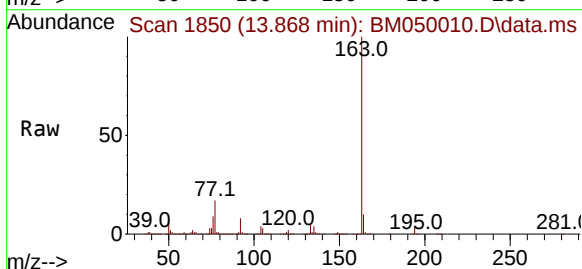
Tgt Ion:163 Resp: 1923931

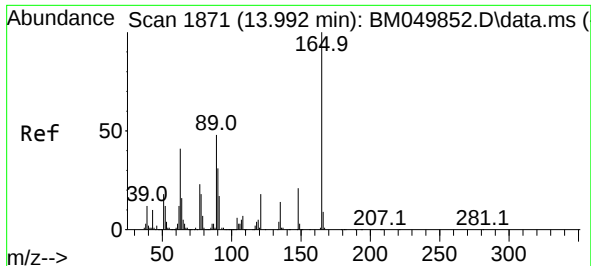
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.1 7.9 11.9

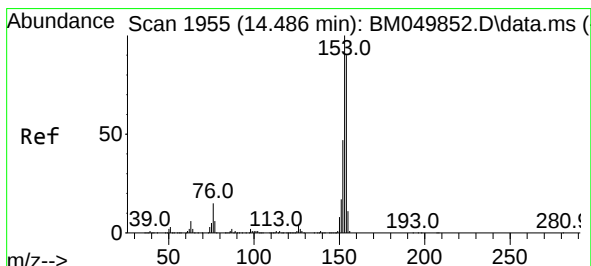
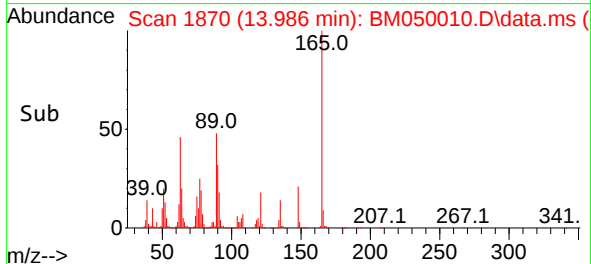
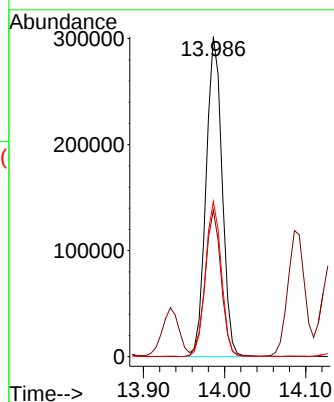
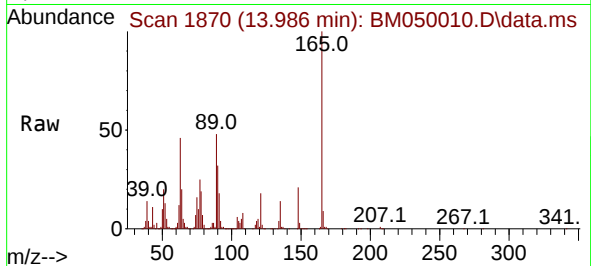




#51
2,6-Dinitrotoluene
Concen: 43.371 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

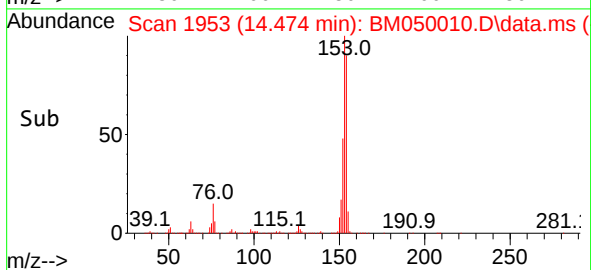
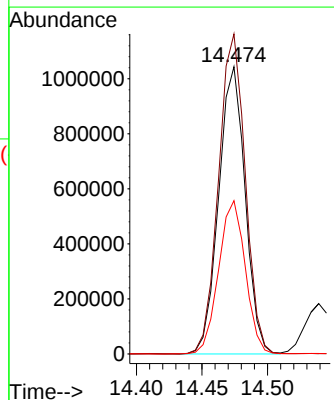
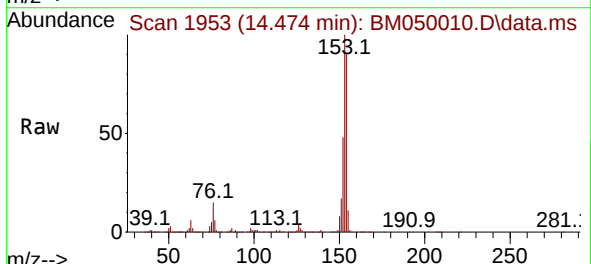
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

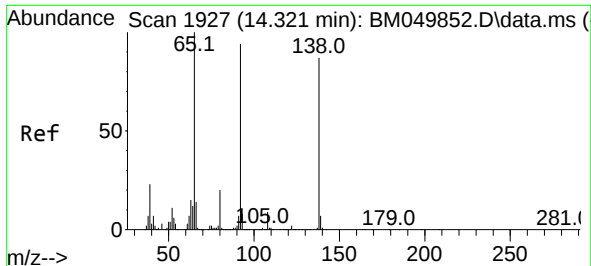
Tgt Ion:165 Resp: 413302
Ion Ratio Lower Upper
165 100
63 45.8 36.1 54.1
89 48.5 38.3 57.5



#52
Acenaphthene
Concen: 41.926 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:154 Resp: 1463317
Ion Ratio Lower Upper
154 100
153 111.4 89.3 133.9
152 53.3 42.2 63.2

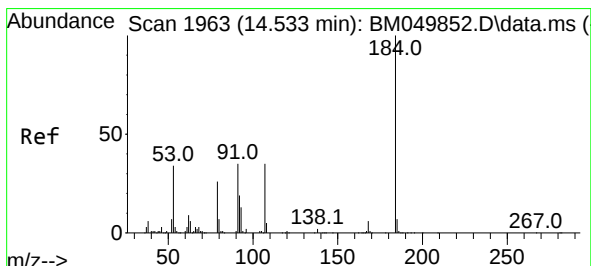
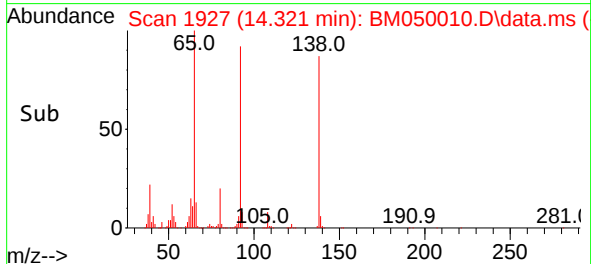
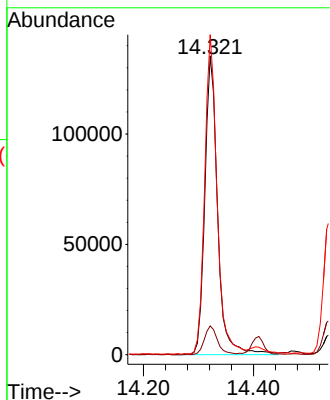
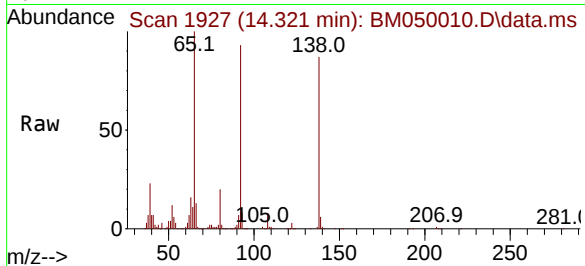




#53
3-Nitroaniline
Concen: 23.730 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

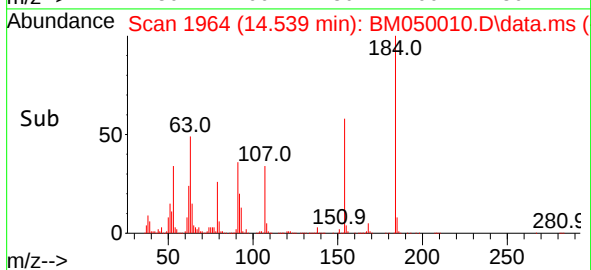
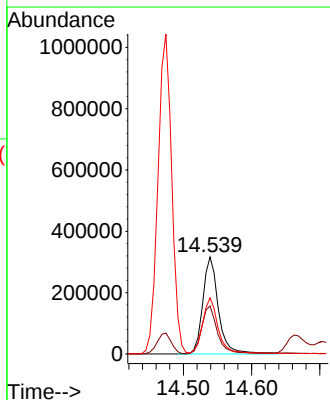
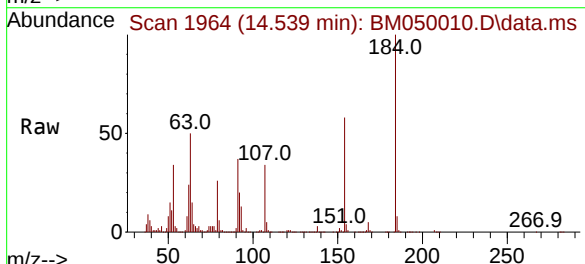
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

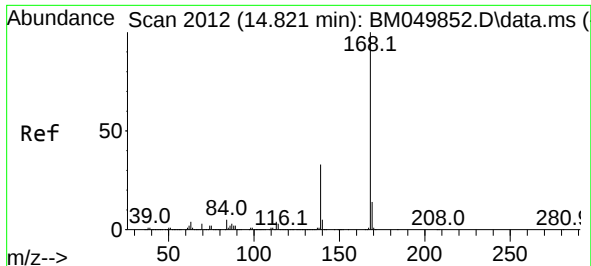
Tgt Ion:138 Resp: 218556
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 107.0 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 73.737 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:184 Resp: 504570
Ion Ratio Lower Upper
184 100
63 49.5 38.4 57.6
154 57.9 48.1 72.1

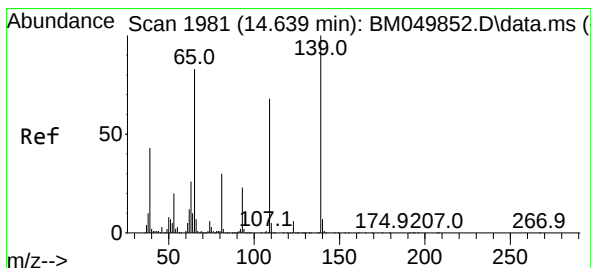
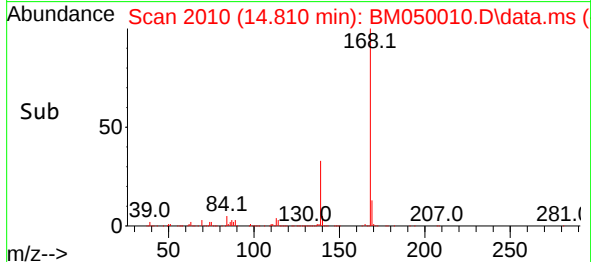
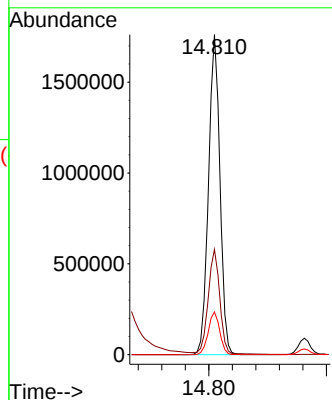
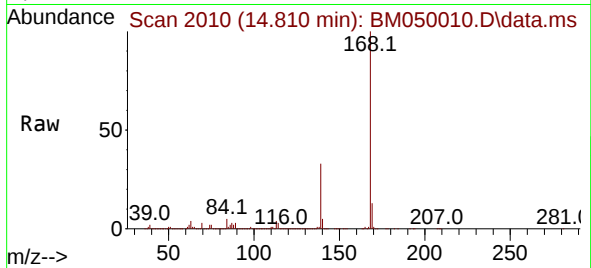




#55
Dibenzenofuran
Concen: 40.823 ng
RT: 14.810 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

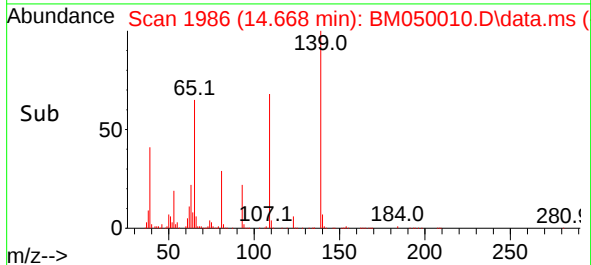
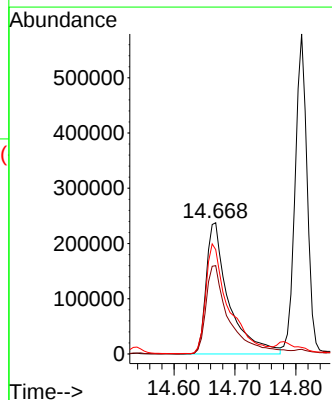
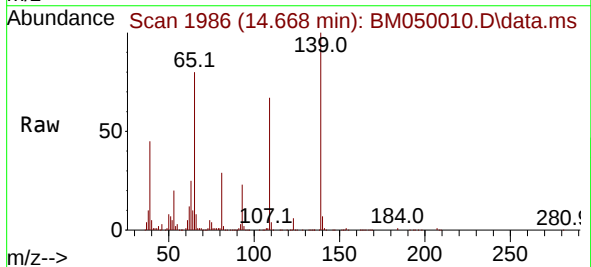
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

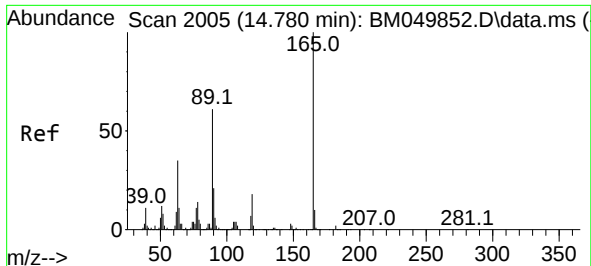
Tgt Ion:168 Resp: 2381887
Ion Ratio Lower Upper
168 100
139 32.9 26.6 39.8
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 74.607 ng
RT: 14.668 min Scan# 1986
Delta R.T. 0.029 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:139 Resp: 612340
Ion Ratio Lower Upper
139 100
109 67.3 47.9 87.9
65 79.5 62.7 102.7

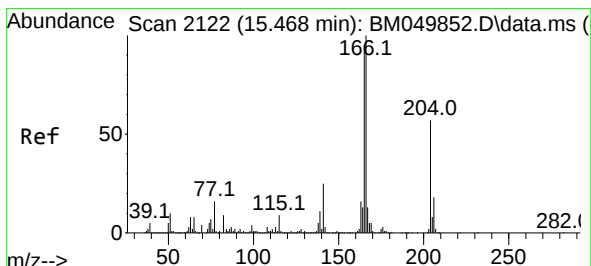
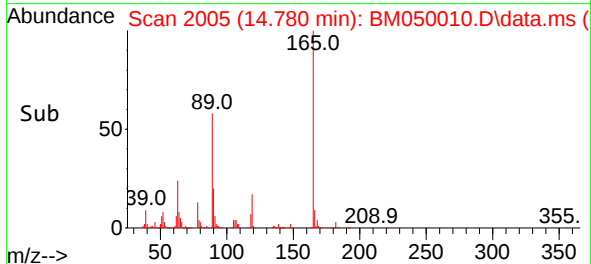
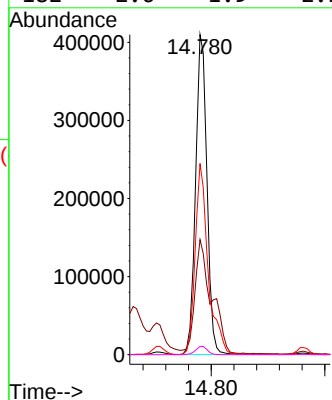
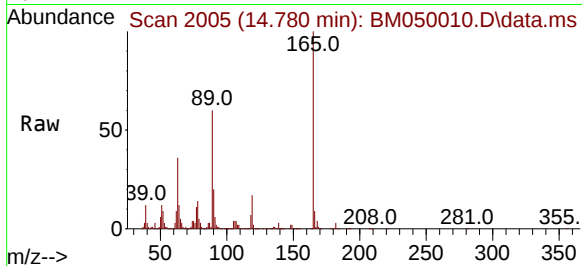




#57
2,4-Dinitrotoluene
Concen: 44.982 ng
RT: 14.780 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

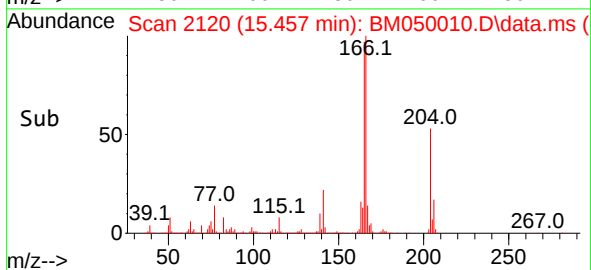
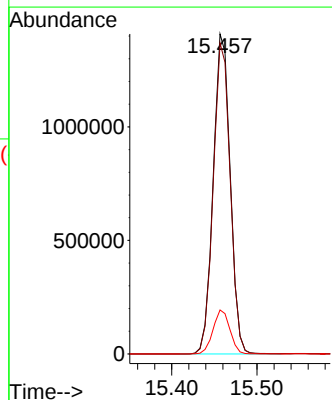
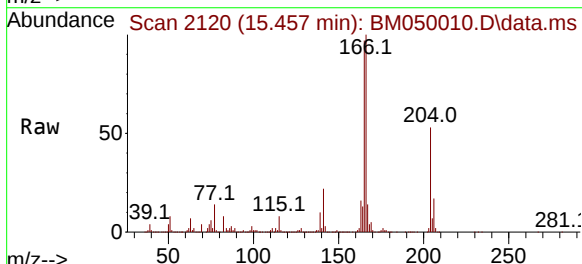
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

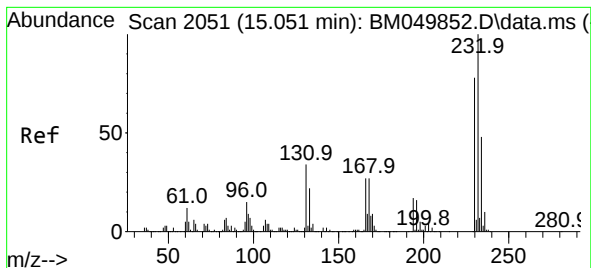
Tgt Ion:165 Resp: 571859
Ion Ratio Lower Upper
165 100
63 36.0 28.6 42.8
89 59.8 49.0 73.6
182 2.6 1.9 2.9



#58
Fluorene
Concen: 42.052 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:166 Resp: 1950311
Ion Ratio Lower Upper
166 100
165 97.1 76.3 114.5
167 13.8 10.7 16.1

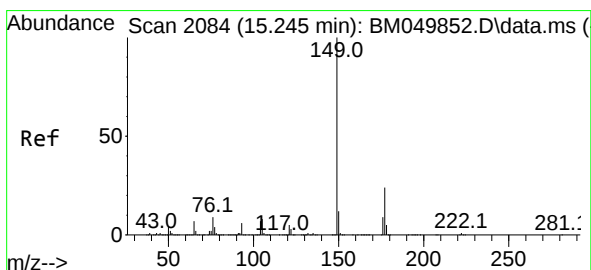
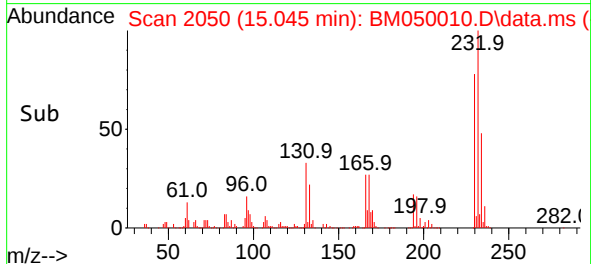
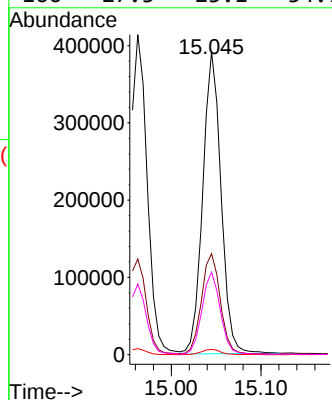
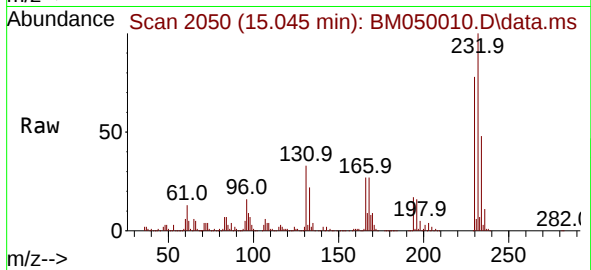




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.502 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

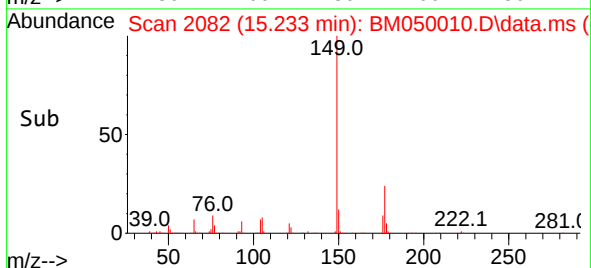
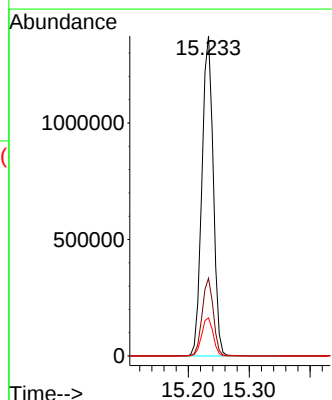
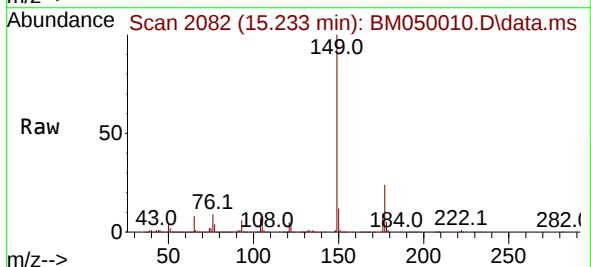
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

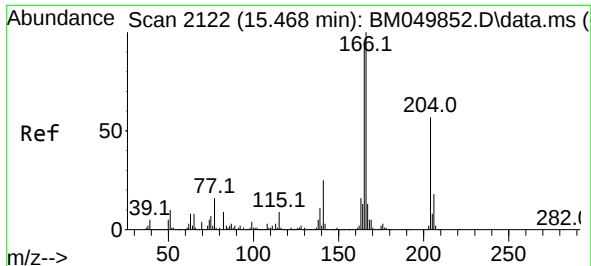
Tgt Ion:232 Resp: 553685
Ion Ratio Lower Upper
232 100
131 34.4 28.4 42.6
130 1.9 1.6 2.4
166 27.3 23.1 34.7



#60
Diethylphthalate
Concen: 40.618 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:149 Resp: 1771689
Ion Ratio Lower Upper
149 100
177 24.3 19.0 28.4
150 11.9 9.7 14.5

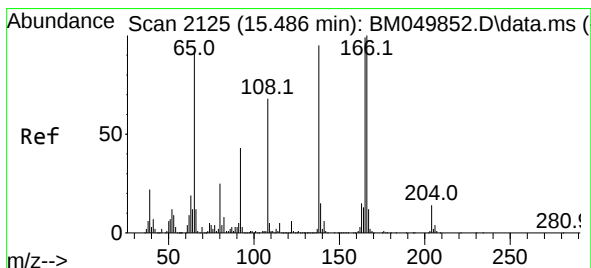
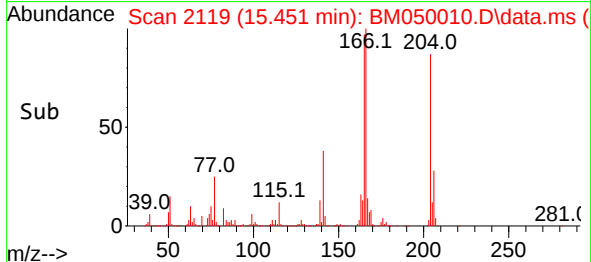
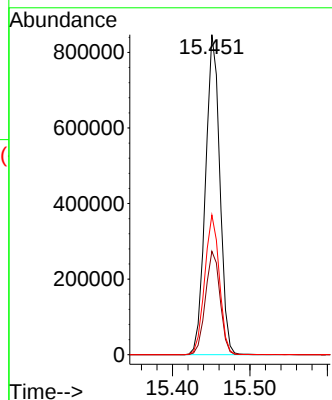
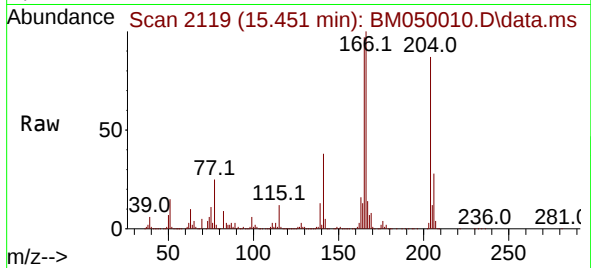




#61
4-Chlorophenyl-phenylether
Concen: 43.710 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

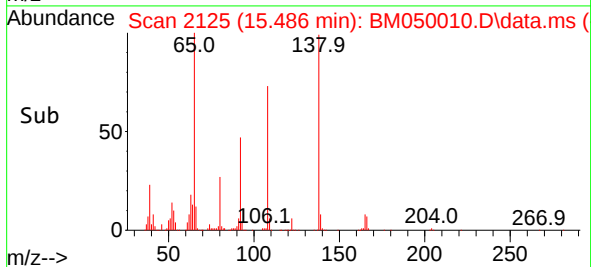
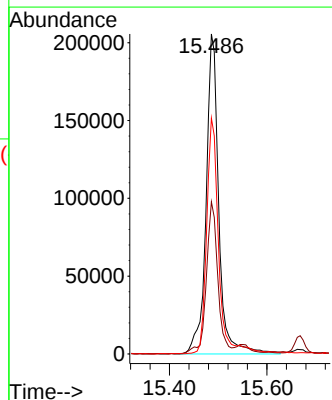
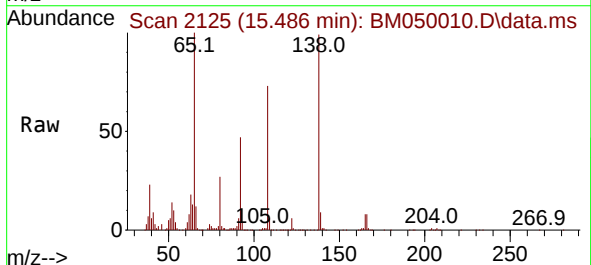
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

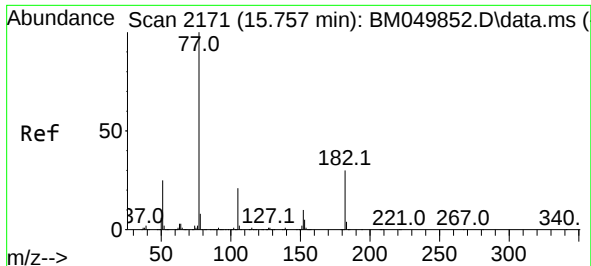
Tgt Ion:204 Resp: 1086869
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 43.6 35.0 52.6



#62
4-Nitroaniline
Concen: 38.936 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:138 Resp: 370855
Ion Ratio Lower Upper
138 100
92 47.6 24.9 64.9
108 73.7 51.7 91.7

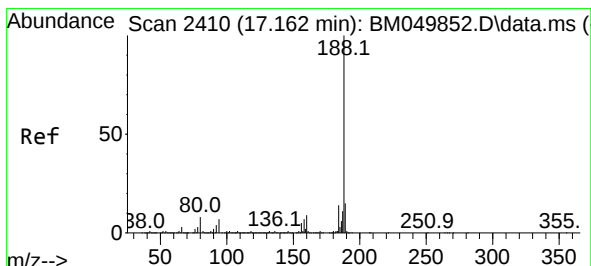
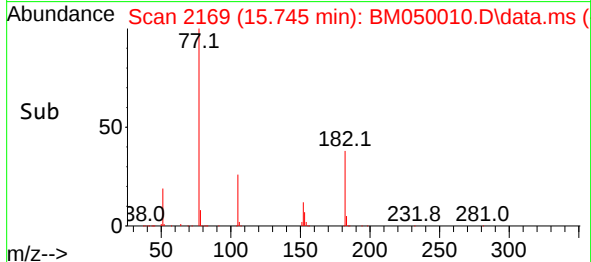
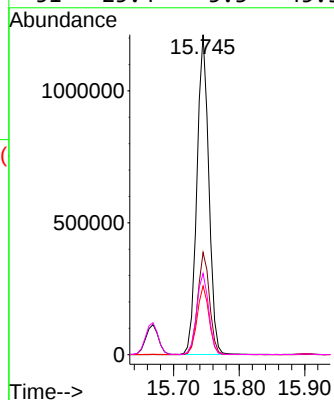
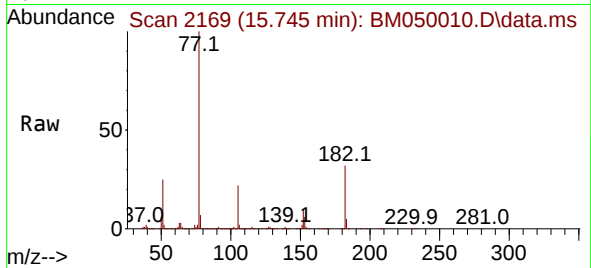




#63
Azobenzene
Concen: 40.915 ng
RT: 15.745 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

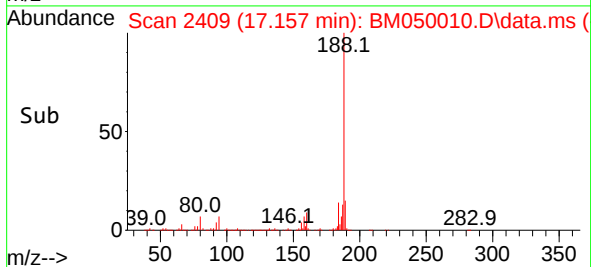
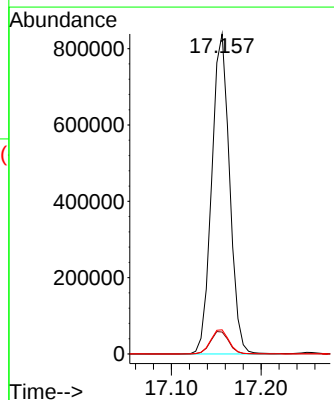
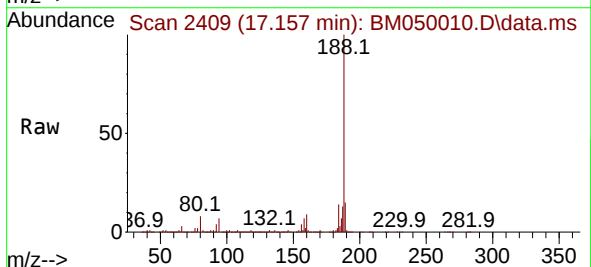
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

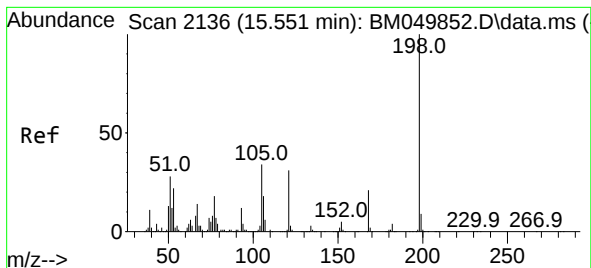
Tgt Ion: 77 Resp: 1527934
Ion Ratio Lower Upper
77 100
182 31.9 10.4 50.4
105 21.5 1.5 41.5
51 25.4 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:188 Resp: 1160163
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.5 6.4 9.6

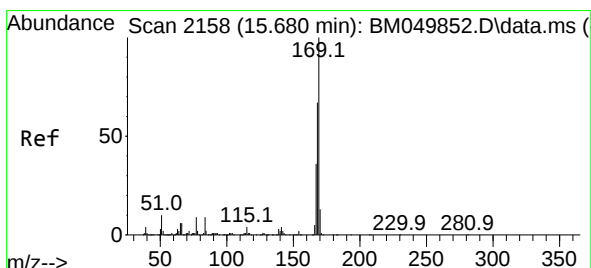
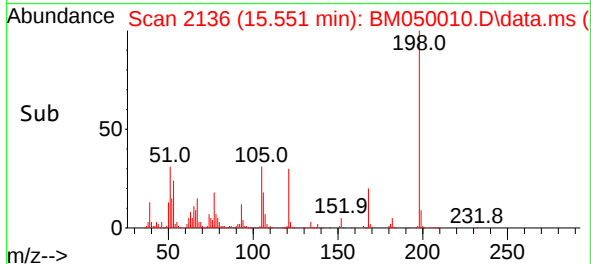
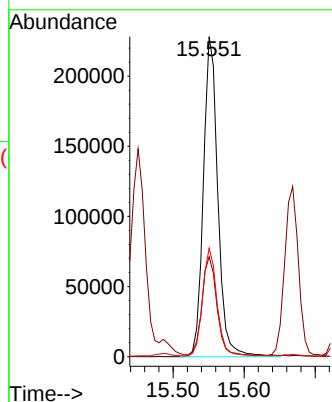
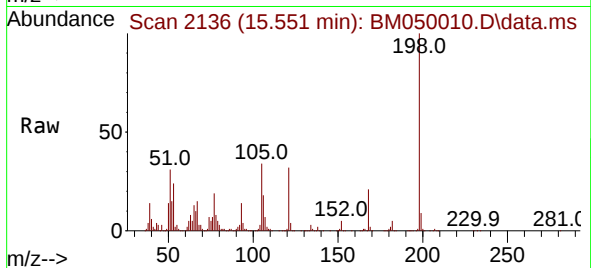




#65
4,6-Dinitro-2-methylphenol
Concen: 44.401 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

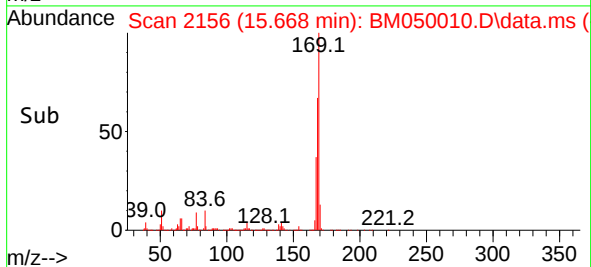
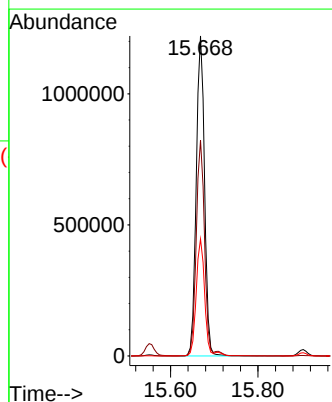
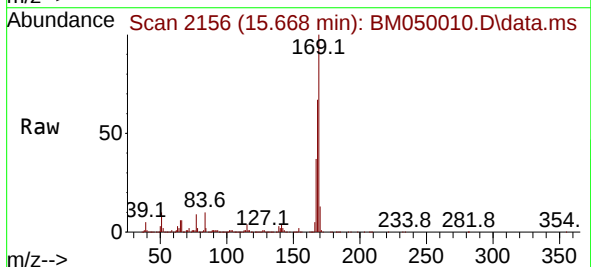
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

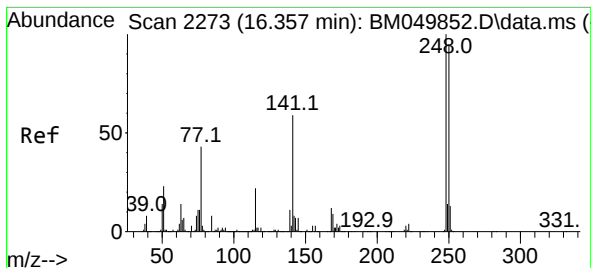
Tgt Ion:198 Resp: 324606
Ion Ratio Lower Upper
198 100
51 31.3 9.6 49.6
105 33.9 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 46.412 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:169 Resp: 1611390
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 36.6 29.0 43.6

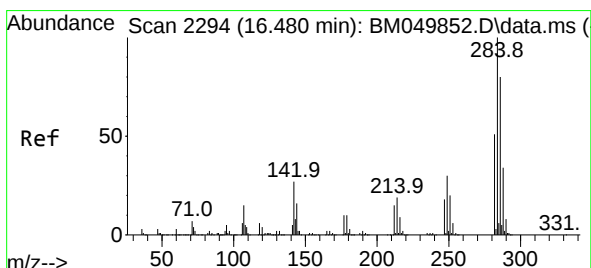
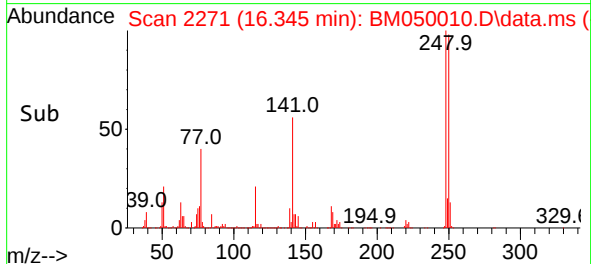
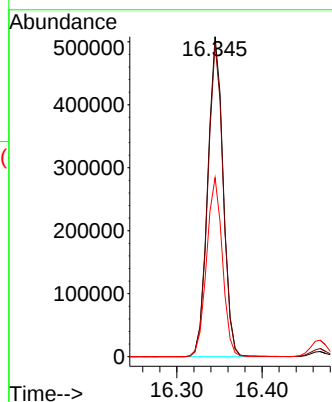
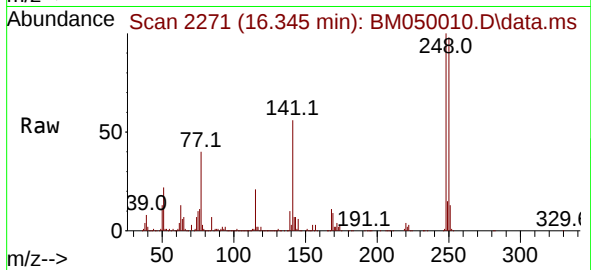




#67
4-Bromophenyl-phenylether
Concen: 47.410 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

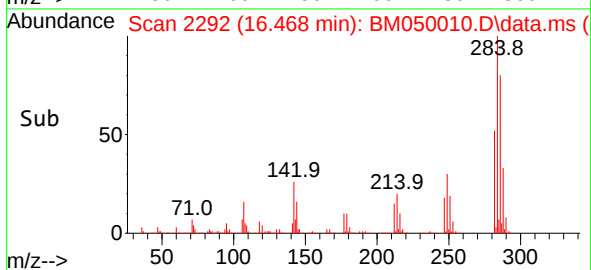
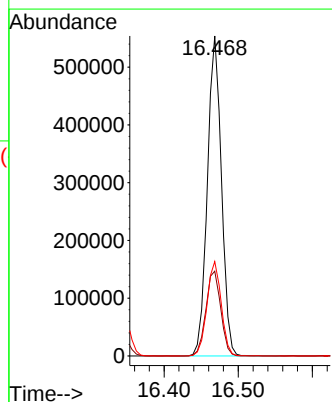
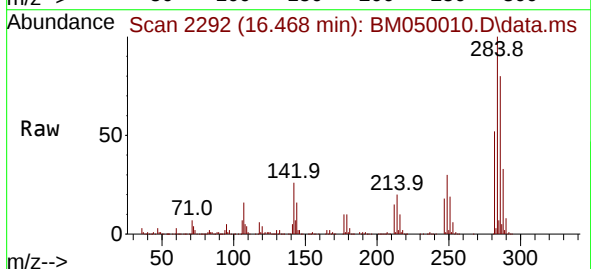
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

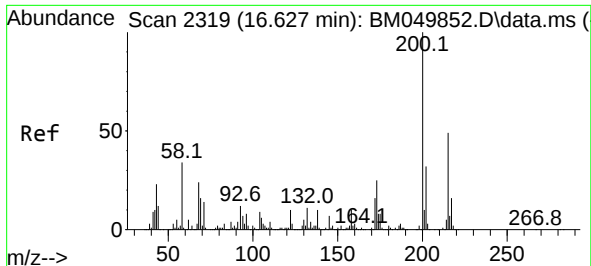
Tgt Ion:248 Resp: 638528
Ion Ratio Lower Upper
248 100
250 97.7 76.2 114.2
141 55.9 47.3 70.9



#68
Hexachlorobenzene
Concen: 47.237 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:284 Resp: 729728
Ion Ratio Lower Upper
284 100
142 26.5 21.2 31.8
249 29.5 24.1 36.1

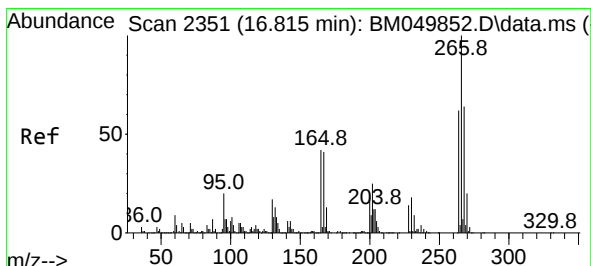
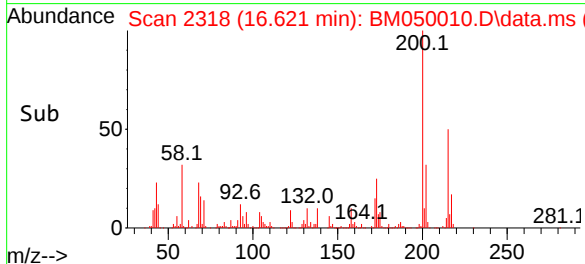
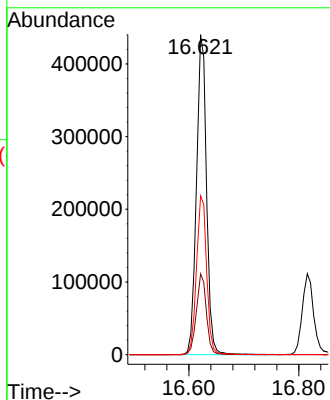
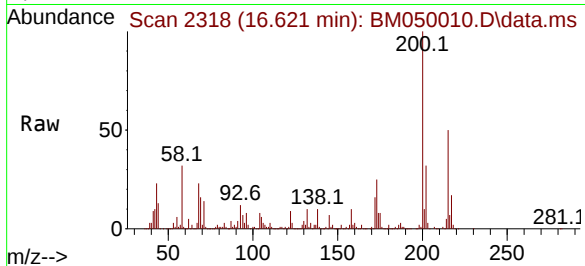




#69
 Atrazine
 Concen: 62.368 ng
 RT: 16.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050010.D
 Acq: 23 Apr 2025 12:36

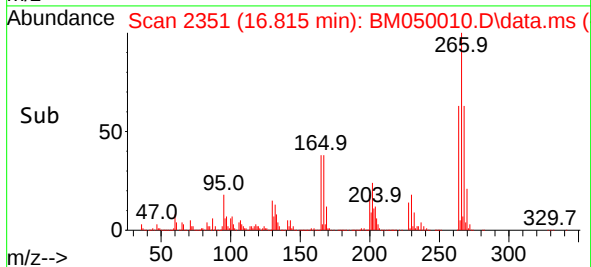
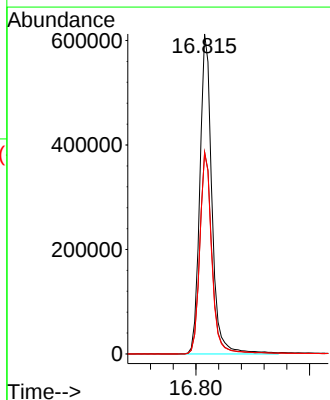
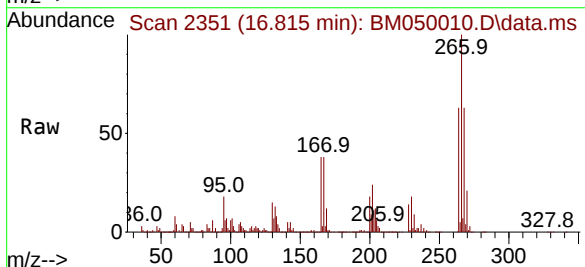
Instrument :
 BNA_M
 ClientSampleId :
 PB167694BSD

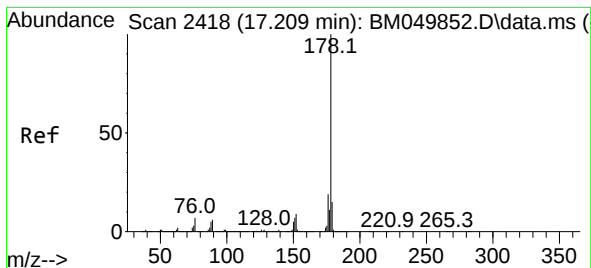
Tgt Ion:200 Resp: 561443
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.4 45.4
 215 49.6 29.0 69.0



#70
 Pentachlorophenol
 Concen: 79.357 ng
 RT: 16.815 min Scan# 2351
 Delta R.T. -0.000 min
 Lab File: BM050010.D
 Acq: 23 Apr 2025 12:36

Tgt Ion:266 Resp: 902548
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.4 77.2
 264 62.9 49.8 74.8





#71

Phenanthrene

Concen: 44.447 ng

RT: 17.198 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

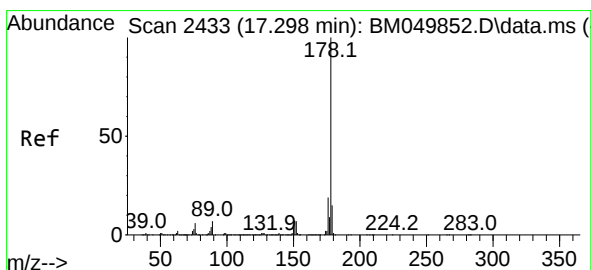
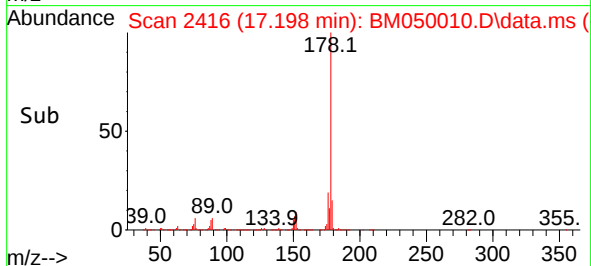
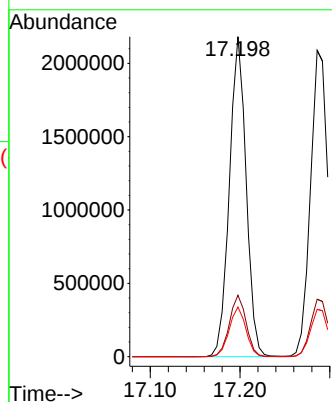
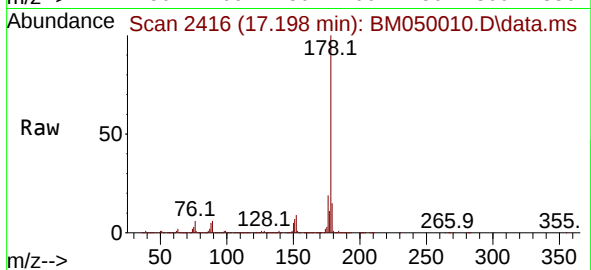
Tgt Ion:178 Resp: 2827013

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 46.009 ng

RT: 17.286 min Scan# 2431

Delta R.T. -0.012 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

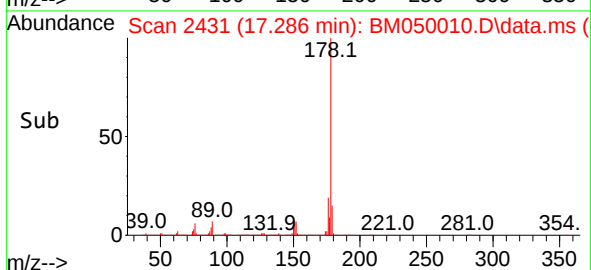
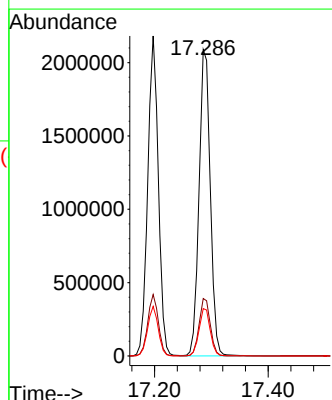
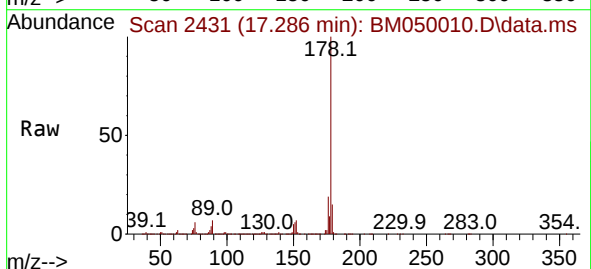
Tgt Ion:178 Resp: 2883898

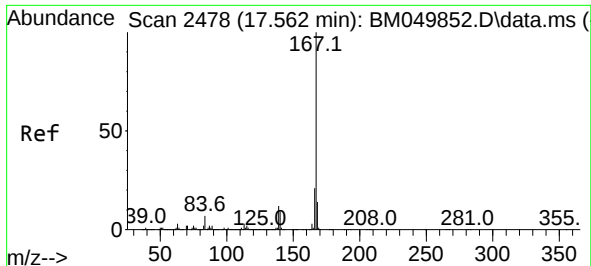
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.5 12.4 18.6

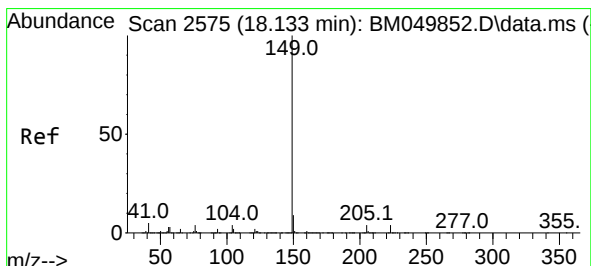
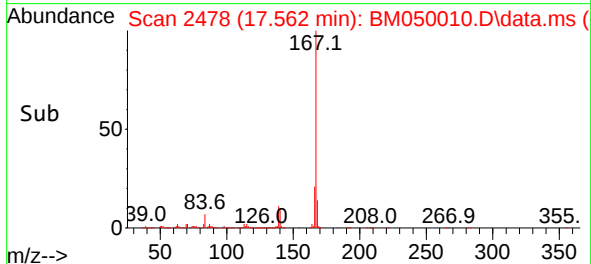
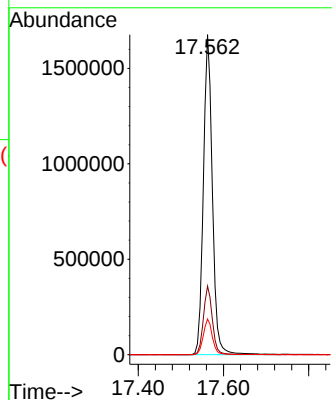
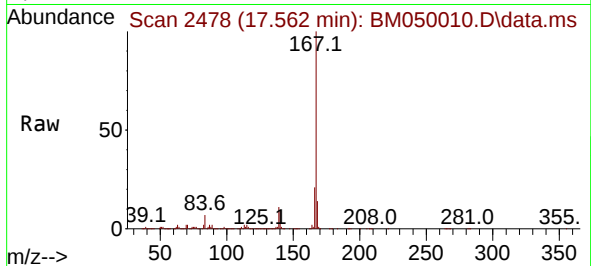




#73
 Carbazole
 Concen: 41.594 ng
 RT: 17.562 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM050010.D
 Acq: 23 Apr 2025 12:36

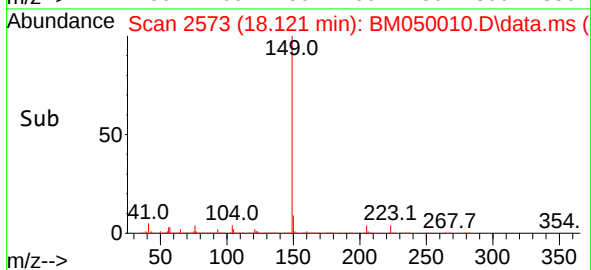
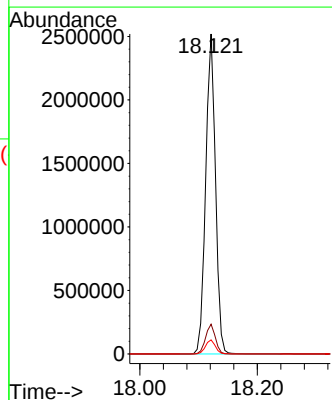
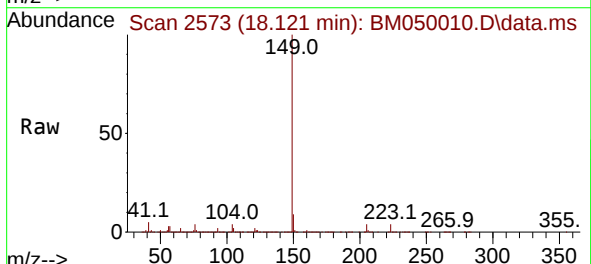
Instrument :
 BNA_M
 ClientSampleId :
 PB167694BSD

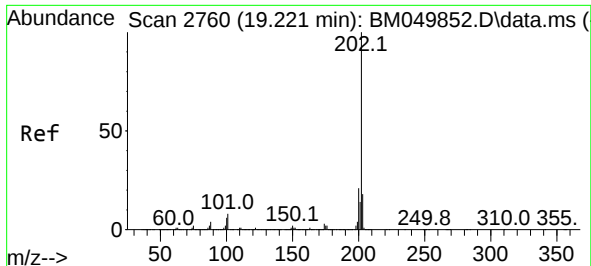
Tgt Ion:167 Resp: 2455654
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 11.1 9.3 13.9



#74
 Di-n-butylphthalate
 Concen: 42.715 ng
 RT: 18.121 min Scan# 2573
 Delta R.T. -0.012 min
 Lab File: BM050010.D
 Acq: 23 Apr 2025 12:36

Tgt Ion:149 Resp: 2904638
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.4 3.5 5.3

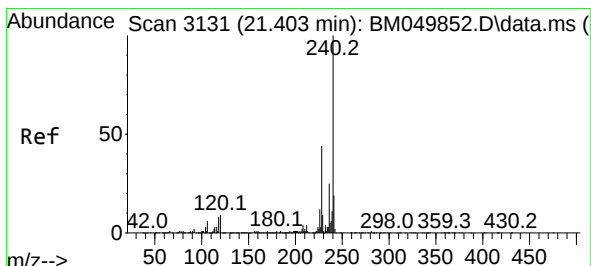
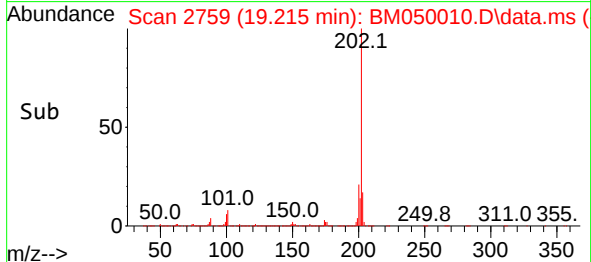
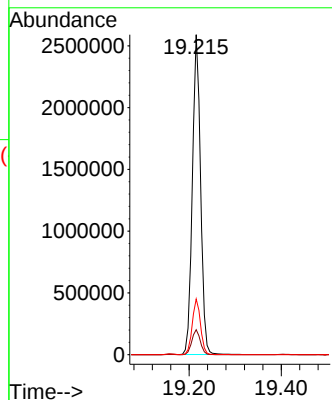
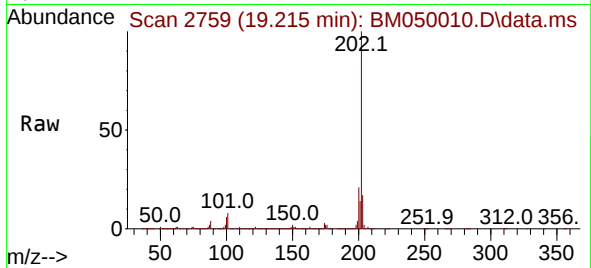




#75
Fluoranthene
Concen: 40.718 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

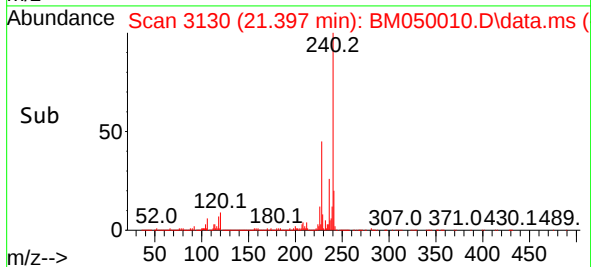
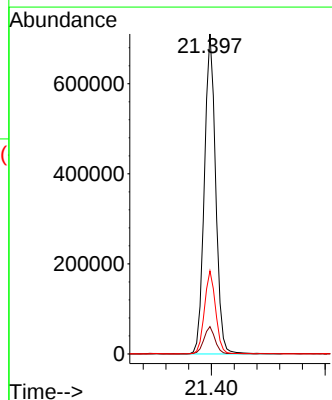
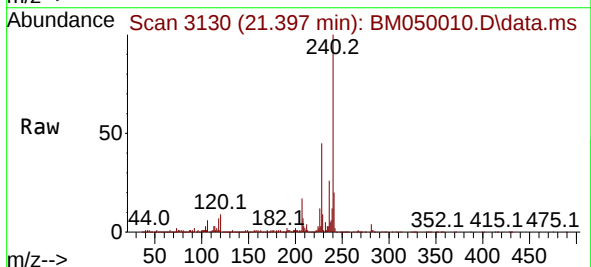
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

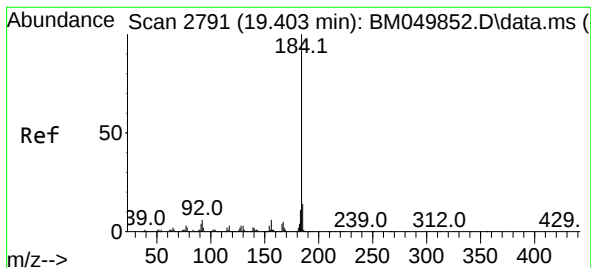
Tgt Ion:202 Resp: 3184353
Ion Ratio Lower Upper
202 100
101 7.8 0.0 28.4
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:240 Resp: 977637
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.9 20.4 30.6





#77

Benzidine

Concen: 83.149 ng

RT: 19.403 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

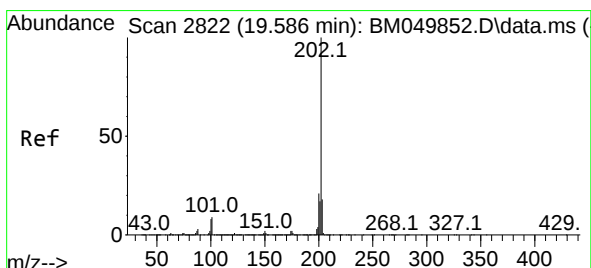
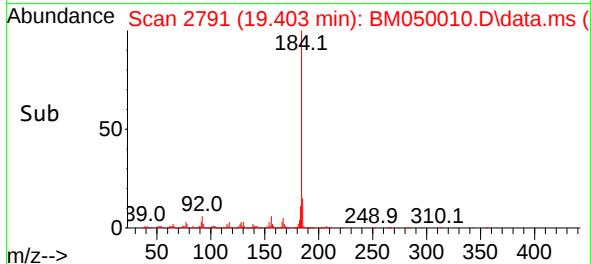
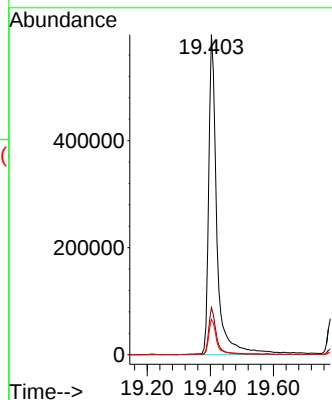
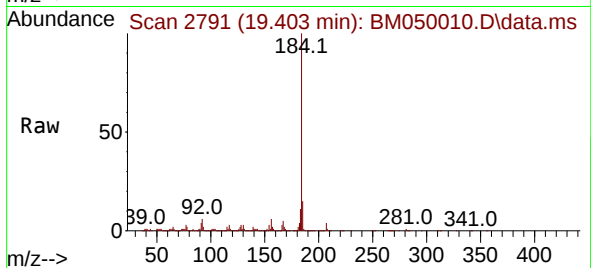
Tgt Ion:184 Resp: 1078423

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.2

183 11.0 8.8 13.2



#78

Pyrene

Concen: 48.432 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

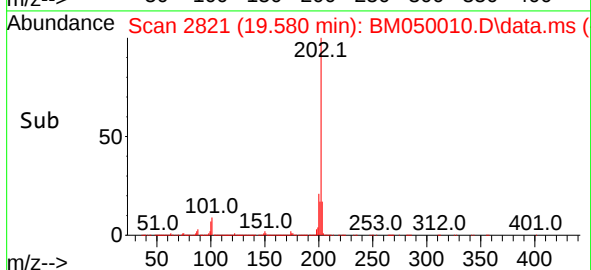
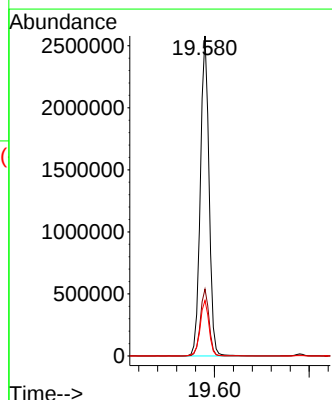
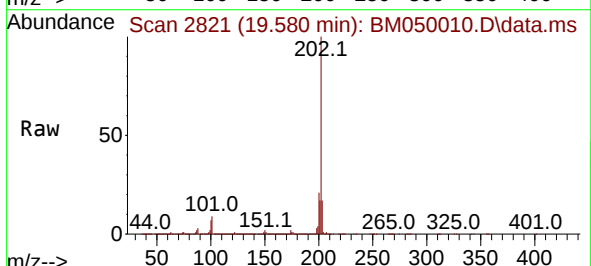
Tgt Ion:202 Resp: 3263187

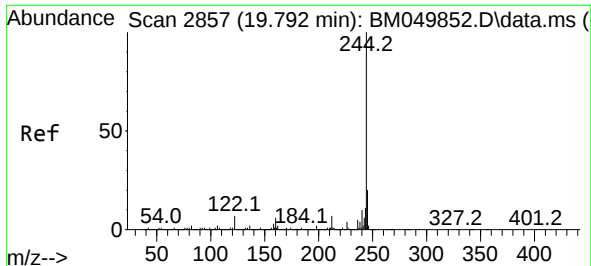
Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

203 17.4 14.0 21.0

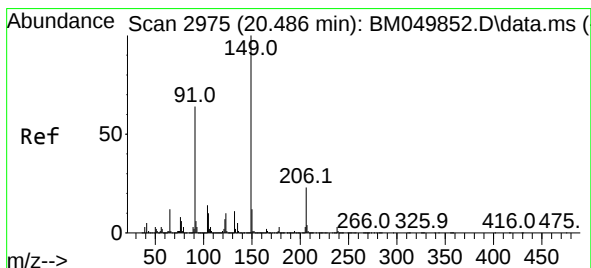
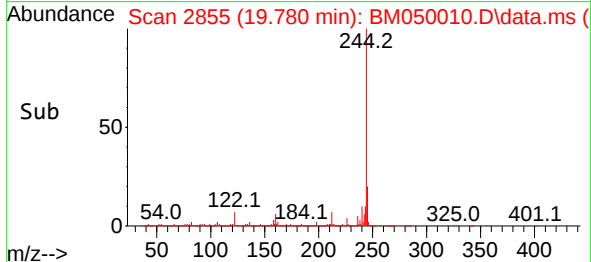
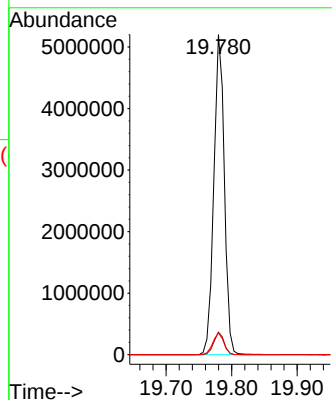
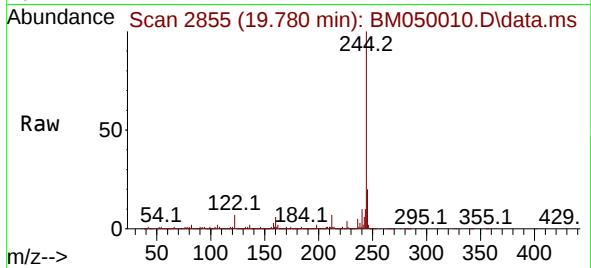




#79
 Terphenyl-d14
 Concen: 111.152 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050010.D
 Acq: 23 Apr 2025 12:36

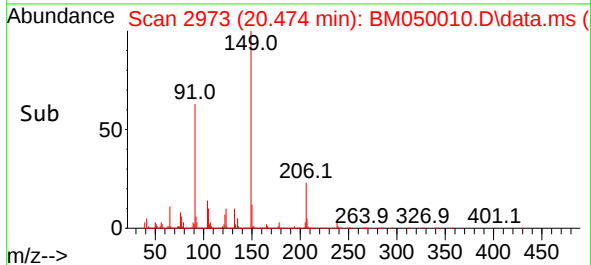
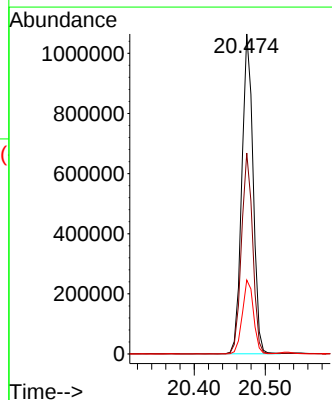
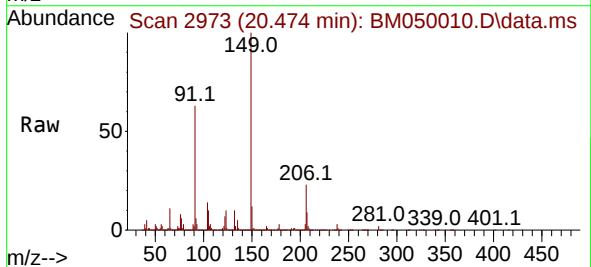
Instrument :
 BNA_M
 ClientSampleId :
 PB167694BSD

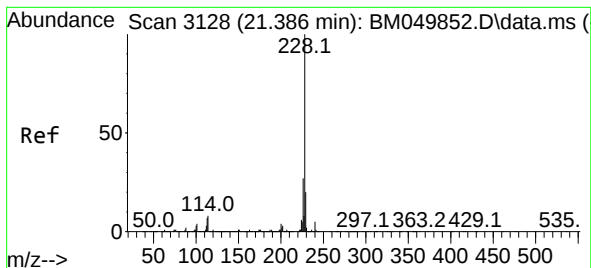
Tgt Ion:244 Resp: 5798487
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.8 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 46.377 ng
 RT: 20.474 min Scan# 2973
 Delta R.T. -0.012 min
 Lab File: BM050010.D
 Acq: 23 Apr 2025 12:36

Tgt Ion:149 Resp: 1174127
 Ion Ratio Lower Upper
 149 100
 91 62.8 50.9 76.3
 206 23.1 18.4 27.6





#81

Benzo(a)anthracene

Concen: 45.448 ng

RT: 21.380 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

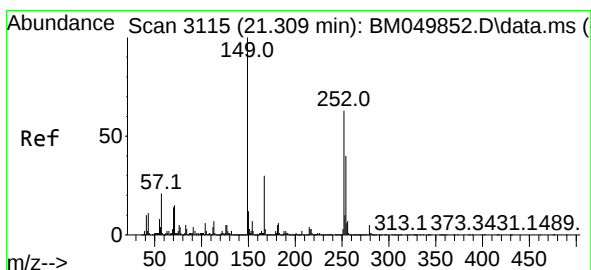
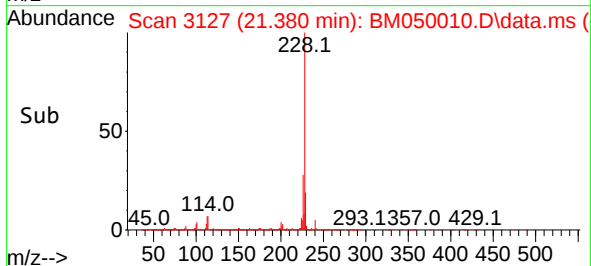
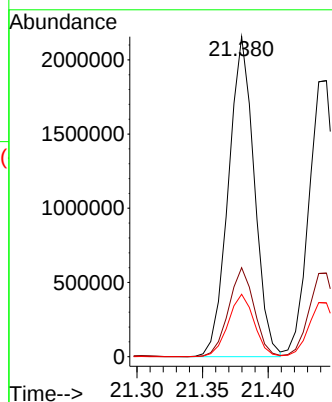
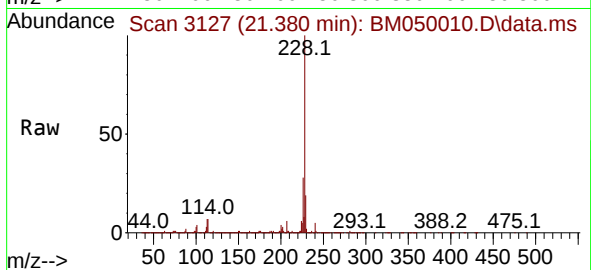
Tgt Ion:228 Resp: 2952899

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 30.161 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

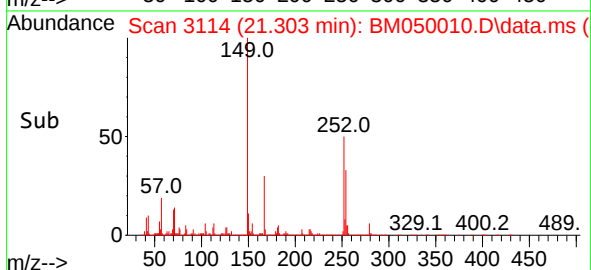
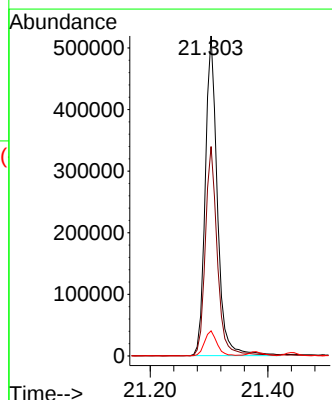
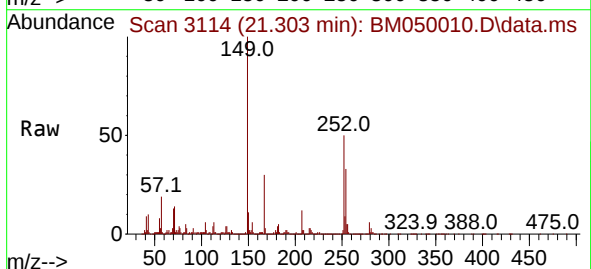
Tgt Ion:252 Resp: 740056

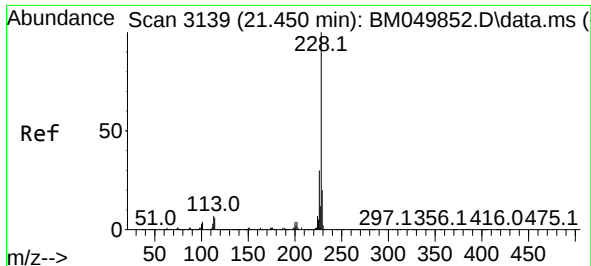
Ion Ratio Lower Upper

252 100

254 65.5 51.5 77.3

126 7.9 6.3 9.5

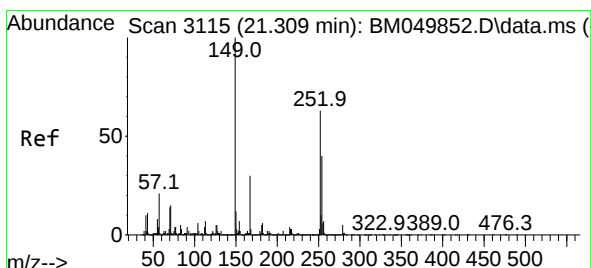
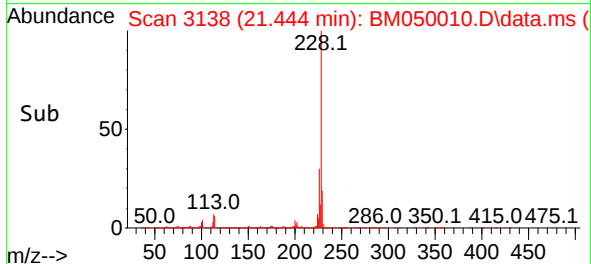
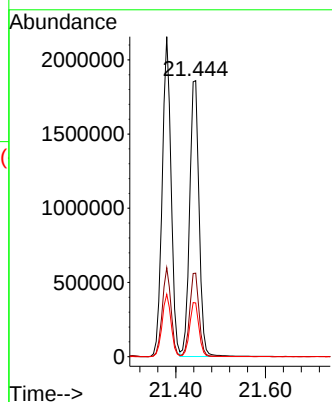
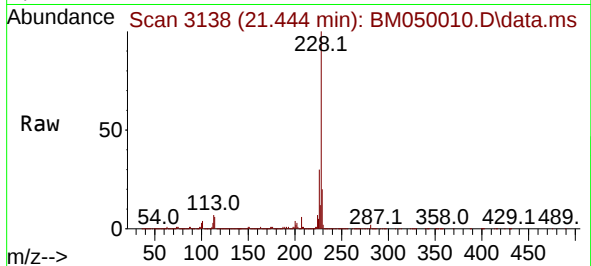




#83
Chrysene
Concen: 43.983 ng
RT: 21.444 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

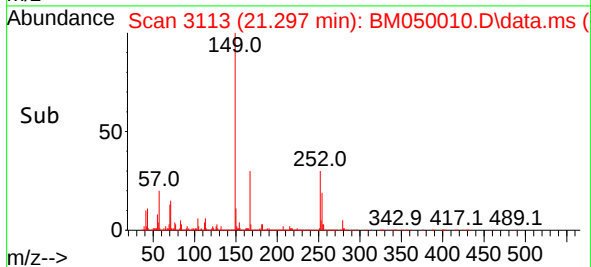
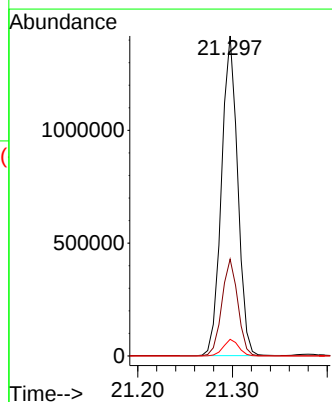
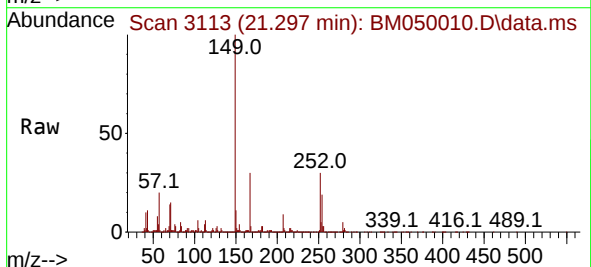
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

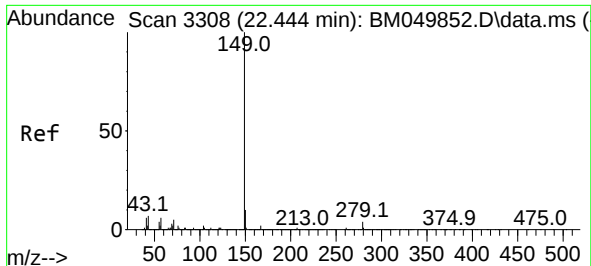
Tgt Ion:228 Resp: 2716839
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.5 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.740 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:149 Resp: 1687156
Ion Ratio Lower Upper
149 100
167 30.2 23.8 35.6
279 5.2 3.8 5.8

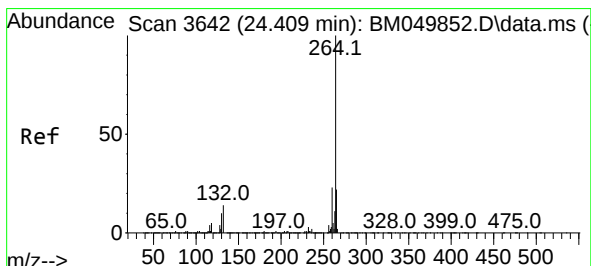
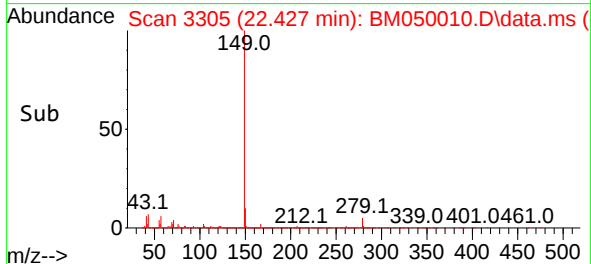
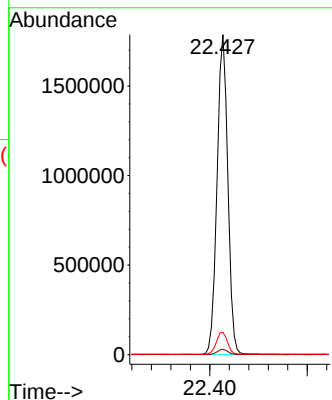
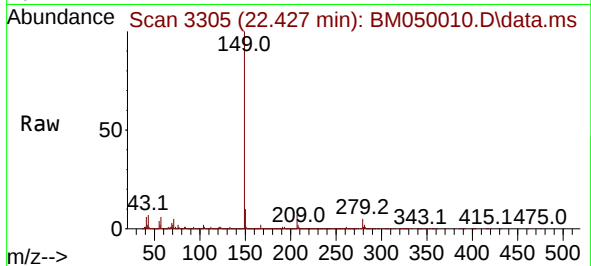




#85
Di-n-octyl phthalate
Concen: 42.394 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

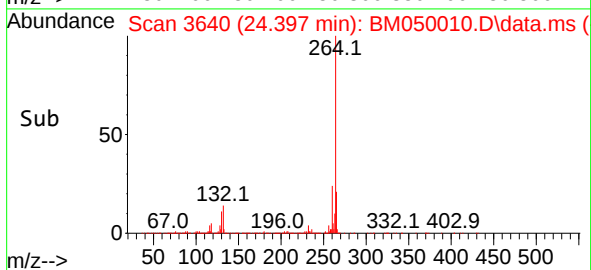
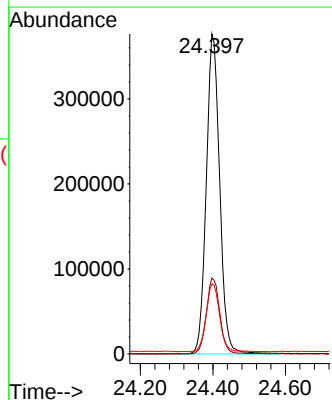
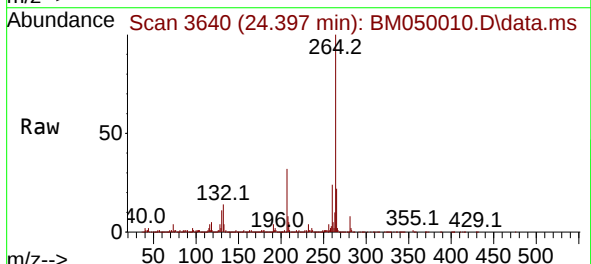
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

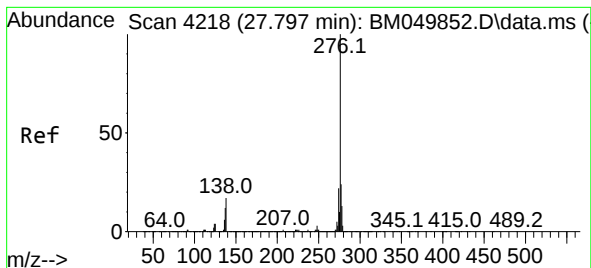
Tgt Ion:149 Resp: 2735652
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.012 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:264 Resp: 965379
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.9 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.784 ng

RT: 27.797 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

Instrument :

BNA_M

ClientSampleId :

PB167694BSD

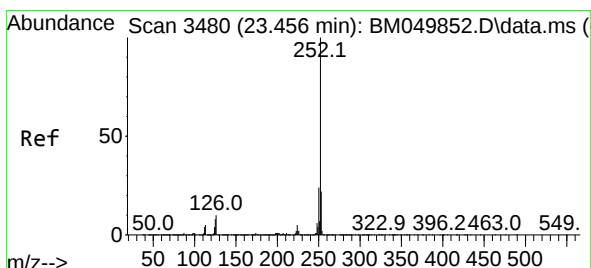
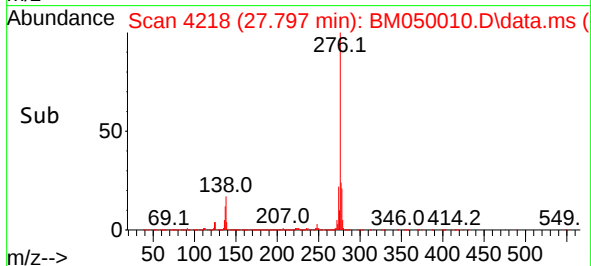
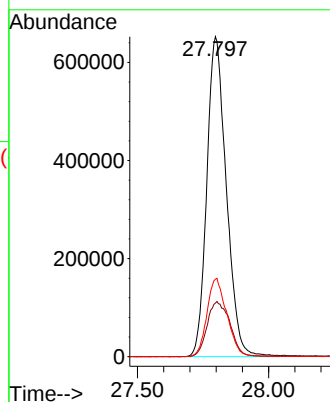
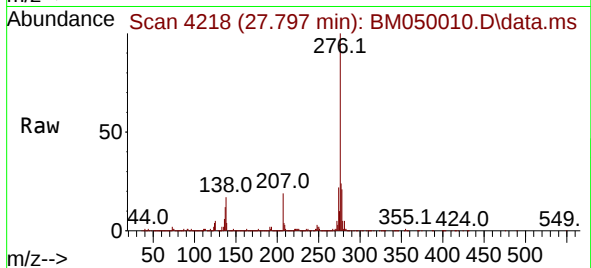
Tgt Ion:276 Resp: 3366601

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: 44.303 ng

RT: 23.456 min Scan# 3480

Delta R.T. -0.000 min

Lab File: BM050010.D

Acq: 23 Apr 2025 12:36

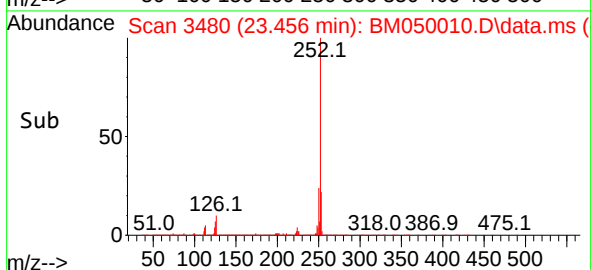
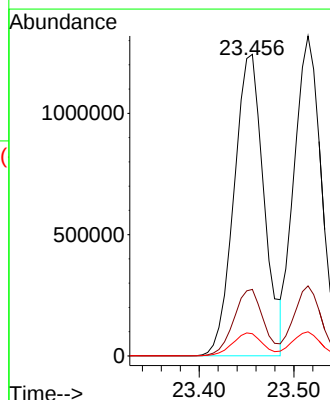
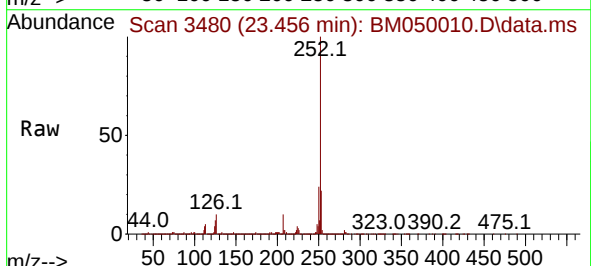
Tgt Ion:252 Resp: 2731502

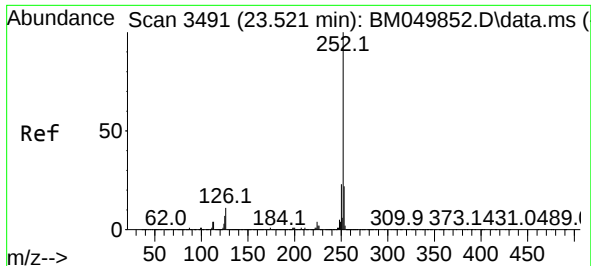
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.4 6.2 9.4

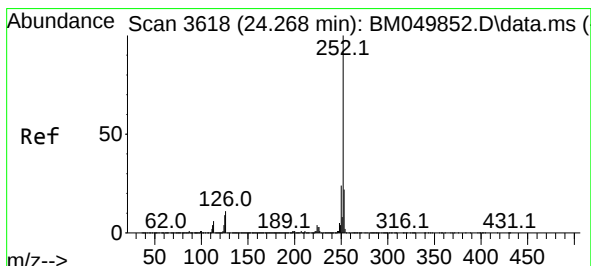
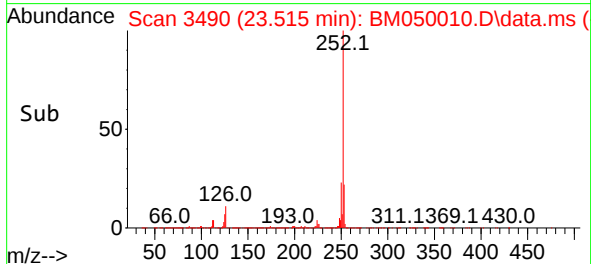
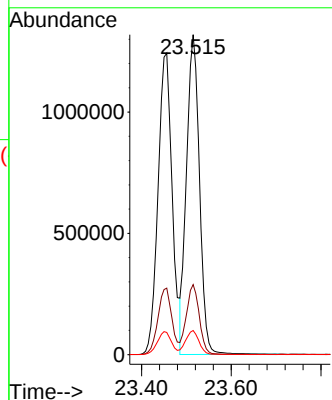
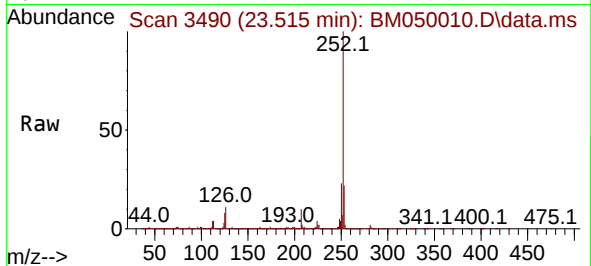




#89
Benzo(k)fluoranthene
Concen: 44.321 ng
RT: 23.515 min Scan# 3491
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

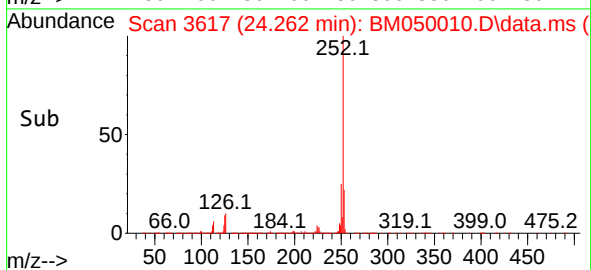
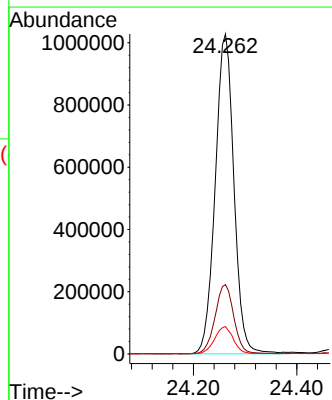
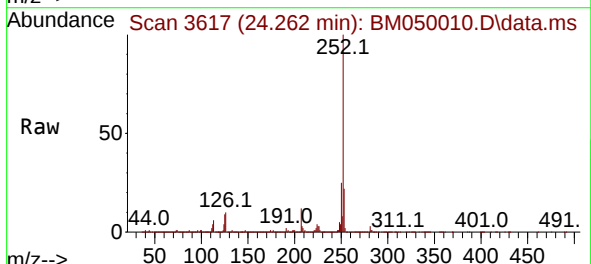
Instrument :
BNA_M
ClientSampleId :
PB167694BSD

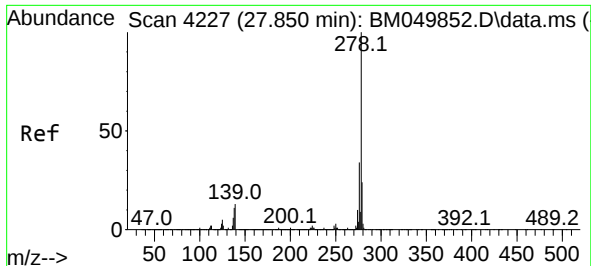
Tgt Ion:252 Resp: 2648108
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.6 5.8 8.8



#90
Benzo(a)pyrene
Concen: 47.413 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:252 Resp: 2568779
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 8.6 7.0 10.4

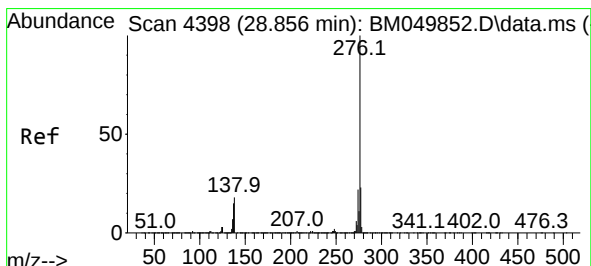
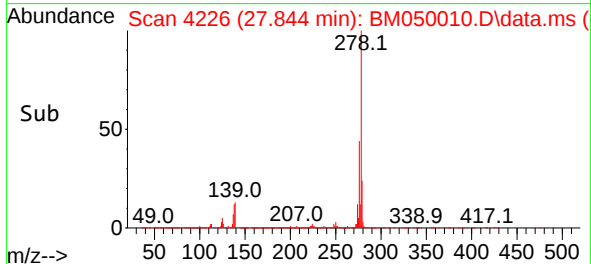
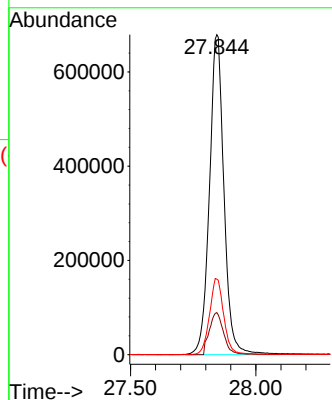
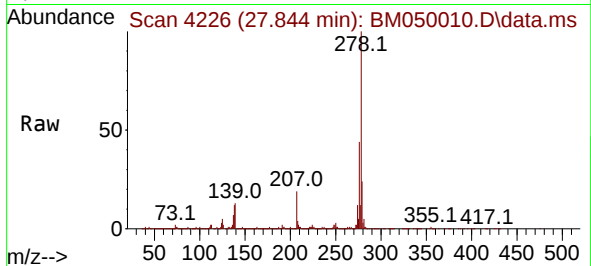




#91
Dibenzo(a,h)anthracene
Concen: 46.185 ng
RT: 27.844 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Instrument :
BNA_M
ClientSampleId :
PB167694BSD

Tgt Ion:278 Resp: 2737546
Ion Ratio Lower Upper
278 100
139 13.2 10.6 15.8
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.228 ng
RT: 28.862 min Scan# 4399
Delta R.T. 0.006 min
Lab File: BM050010.D
Acq: 23 Apr 2025 12:36

Tgt Ion:276 Resp: 2678832
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 17.2 14.6 21.8

