

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049803.D
 Acq On : 03 Apr 2025 13:14
 Operator : RC/JU
 Sample : PB167428BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167428BS

Quant Time: Apr 03 14:05:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	258385	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	920866	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	623518	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1241970	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1257639	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1147667	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2584283	168.761	ng	-0.02
7) Phenol-d6	6.963	99	3247017	168.963	ng	-0.02
23) Nitrobenzene-d5	8.945	82	1886807	105.197	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1512204	207.697	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	5044216	101.316	ng	-0.02
79) Terphenyl-d14	19.792	244	8860250	118.719	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	263609	39.766	ng	97
3) Pyridine	3.663	79	751795	44.407	ng	97
4) n-Nitrosodimethylamine	3.575	42	361444	48.251	ng	100
6) Aniline	7.110	93	583193	36.223	ng	99
8) 2-Chlorophenol	7.351	128	818450	53.972	ng	97
9) Benzaldehyde	6.922	77	462823	48.717	ng	99
10) Phenol	6.987	94	1063540	57.075	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	798065	52.889	ng	99
12) 1,3-Dichlorobenzene	7.675	146	937339	50.862	ng	99
13) 1,4-Dichlorobenzene	7.822	146	954829	51.358	ng	99
14) 1,2-Dichlorobenzene	8.139	146	912036	51.618	ng	98
15) Benzyl Alcohol	8.028	79	679324	56.330	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	998389	56.295	ng	99
17) 2-Methylphenol	8.234	107	668441	60.422	ng	100
18) Hexachloroethane	8.869	117	343130	52.263	ng	93
19) n-Nitroso-di-n-propyla...	8.598	70	649693	58.303	ng	99
20) 3+4-Methylphenols	8.563	107	898258	60.588	ng	99
22) Acetophenone	8.604	105	1226605	51.660	ng	# 99
24) Nitrobenzene	8.986	77	891771	52.729	ng	100
25) Isophorone	9.516	82	1634215	59.343	ng	100
26) 2-Nitrophenol	9.692	139	402451	55.909	ng	98
27) 2,4-Dimethylphenol	9.763	122	748941	81.739	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1052654	54.273	ng	99
29) 2,4-Dichlorophenol	10.233	162	861605	57.709	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	946678	50.679	ng	100
31) Naphthalene	10.633	128	2383422	50.335	ng	100
32) Benzoic acid	9.898	122	476884	61.199	ng	98
33) 4-Chloroaniline	10.739	127	230450	14.260	ng	99
34) Hexachlorobutadiene	10.922	225	589742	51.142	ng	98
35) Caprolactam	11.522	113	215450	62.156	ng	97
36) 4-Chloro-3-methylphenol	11.874	107	768607	59.988	ng	99
37) 2-Methylnaphthalene	12.245	142	1611757	48.678	ng	99
38) 1-Methylnaphthalene	12.469	142	1699891	53.213	ng	100
40) 1,2,4,5-Tetrachloroben...	12.616	216	1168564	51.022	ng	98
41) Hexachlorocyclopentadiene	12.604	237	1710355	201.578	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	723569	56.409	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049803.D
 Acq On : 03 Apr 2025 13:14
 Operator : RC/JU
 Sample : PB167428BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167428BS

Quant Time: Apr 03 14:05:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

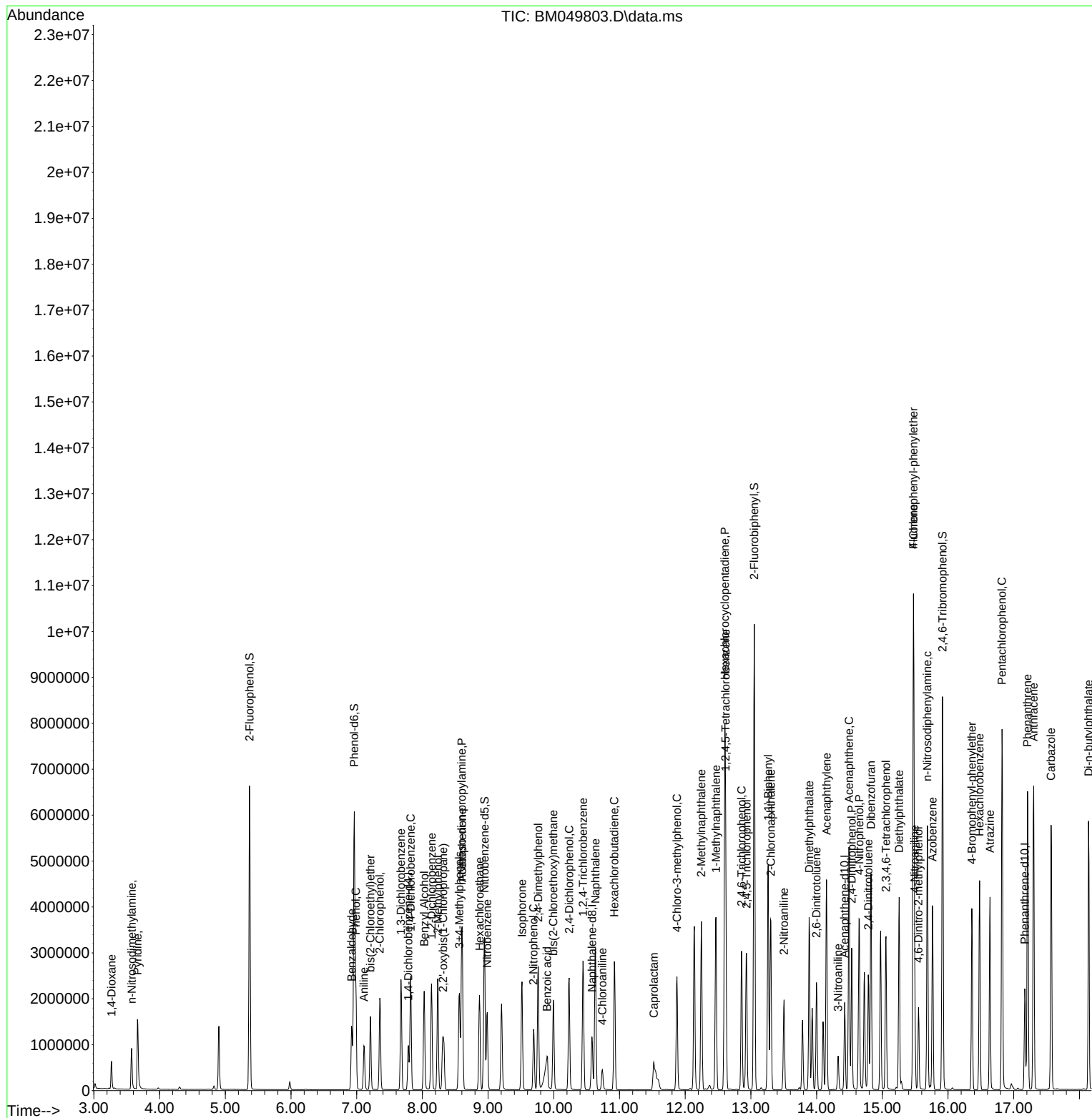
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	798112	57.017	ng	100
46) 1,1'-Biphenyl	13.263	154	2413259	50.219	ng	100
47) 2-Chloronaphthalene	13.304	162	1899072	50.771	ng	99
48) 2-Nitroaniline	13.504	65	489308	58.273	ng	98
49) Acenaphthylene	14.151	152	3015452	57.675	ng	99
50) Dimethylphthalate	13.886	163	2349961	54.741	ng	100
51) 2,6-Dinitrotoluene	13.998	165	488736	56.819	ng	99
52) Acenaphthene	14.492	154	1767723	51.545	ng	99
53) 3-Nitroaniline	14.327	138	176002	21.502	ng	98
54) 2,4-Dinitrophenol	14.533	184	620766	101.941	ng	99
55) Dibenzofuran	14.827	168	2888941	50.554	ng	100
56) 4-Nitrophenol	14.651	139	940175	131.954	ng	94
57) 2,4-Dinitrotoluene	14.786	165	695911	62.874	ng	97
58) Fluorene	15.474	166	2588964	55.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	674082	57.530	ng	98
60) Diethylphthalate	15.257	149	2256697	55.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	1396277	54.957	ng	99
62) 4-Nitroaniline	15.492	138	495088	50.614	ng	97
63) Azobenzene	15.762	77	2133961	55.257	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	375882	53.856	ng	92
66) n-Nitrosodiphenylamine	15.686	169	2056296	54.646	ng	99
67) 4-Bromophenyl-phenylether	16.362	248	751615	52.416	ng	99
68) Hexachlorobenzene	16.480	284	851821	52.826	ng	99
69) Atrazine	16.639	200	723953	87.298	ng	99
70) Pentachlorophenol	16.821	266	1299614	128.251	ng	98
71) Phenanthrene	17.209	178	3765179	54.597	ng	100
72) Anthracene	17.304	178	3857024	57.750	ng	99
73) Carbazole	17.568	167	3457056	57.155	ng	100
74) Di-n-butylphthalate	18.139	149	3874785	58.448	ng	99
75) Fluoranthene	19.227	202	4497197	56.642	ng	100
77) Benzidine	19.409	184	1692828	112.039	ng	100
78) Pyrene	19.586	202	4707859	53.580	ng	100
80) Butylbenzylphthalate	20.492	149	1636444	60.013	ng	99
81) Benzo(a)anthracene	21.386	228	4673527	55.636	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	646575	23.642	ng	99
83) Chrysene	21.450	228	4290583	53.882	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2461661	57.926	ng	100
85) Di-n-octyl phthalate	22.450	149	3838840	58.120	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4475907	54.185	ng	100
88) Benzo(b)fluoranthene	23.456	252	4136749	53.516	ng	99
89) Benzo(k)fluoranthene	23.521	252	4154310	54.618	ng	99
90) Benzo(a)pyrene	24.262	252	3864493	59.519	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	3701537	53.784	ng	99
92) Benzo(g,h,i)perylene	28.844	276	3489633	50.339	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049803.D
Acq On : 03 Apr 2025 13:14
Operator : RC/JU
Sample : PB167428BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167428BS

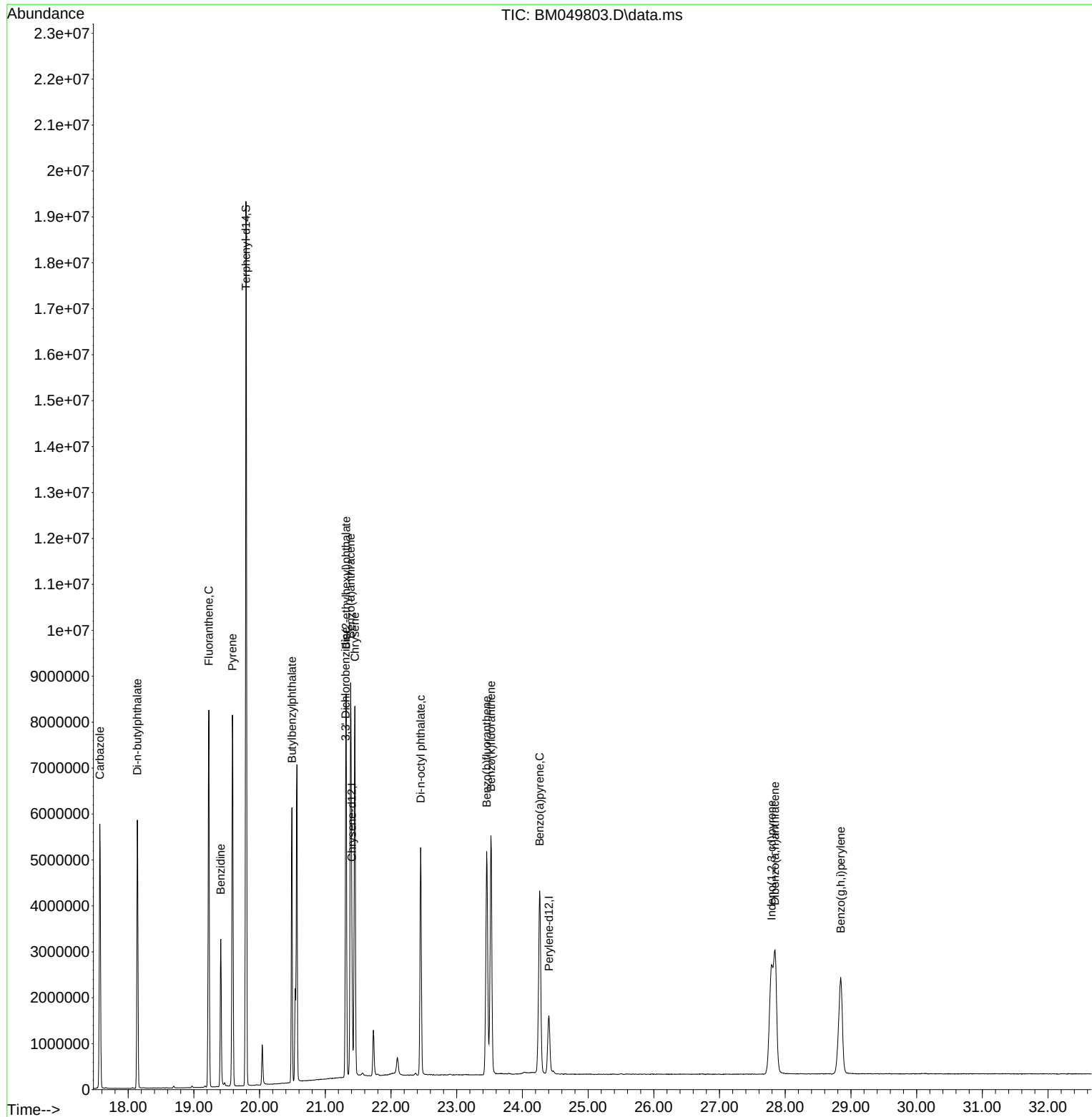
Quant Time: Apr 03 14:05:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

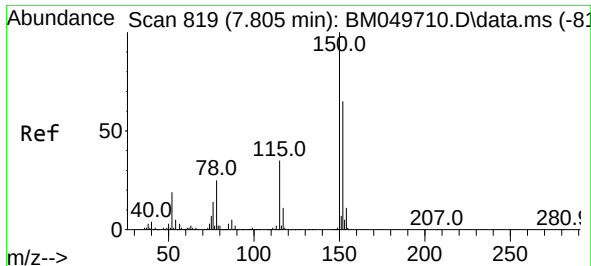


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049803.D
Acq On : 03 Apr 2025 13:14
Operator : RC/JU
Sample : PB167428BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167428BS

Quant Time: Apr 03 14:05:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

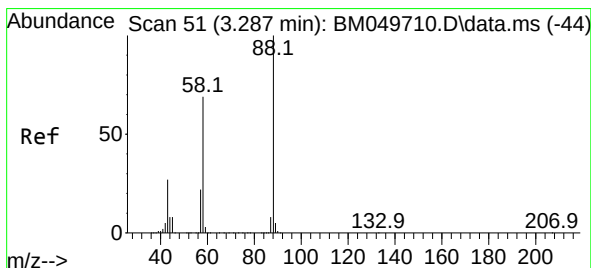
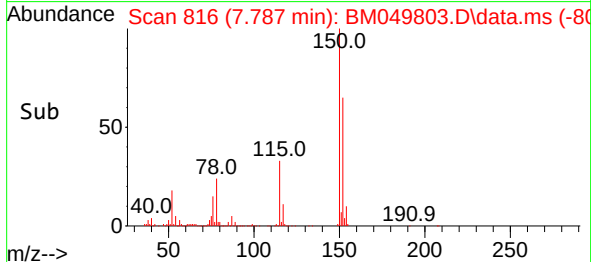
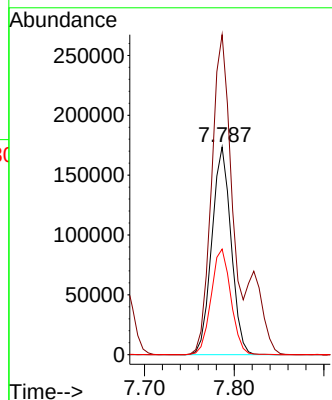
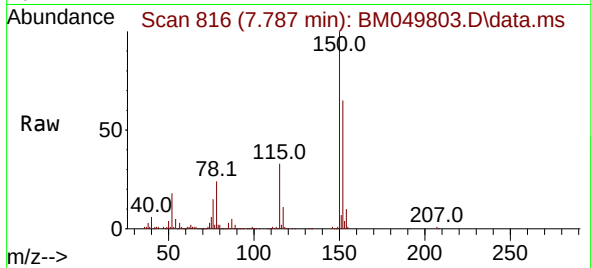




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049803.D
 Acq: 03 Apr 2025 13:14

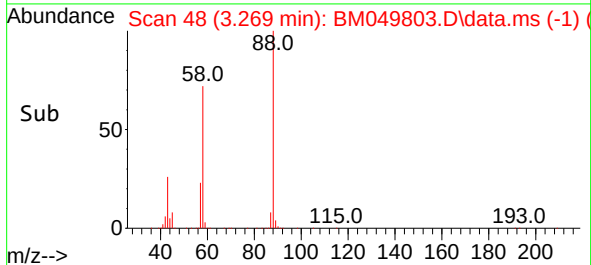
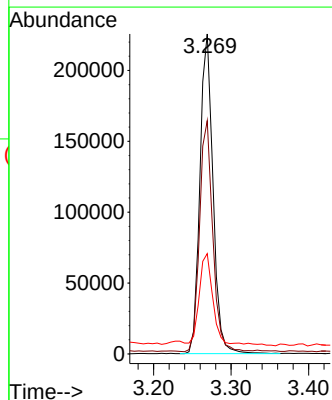
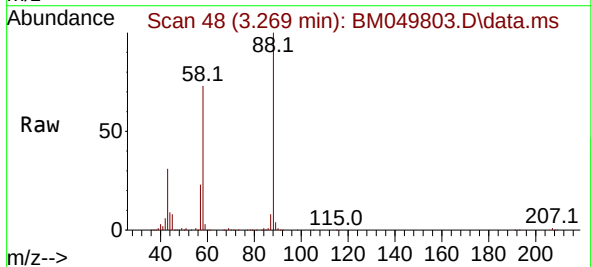
Instrument :
 BNA_M
 ClientSampleId :
 PB167428BS

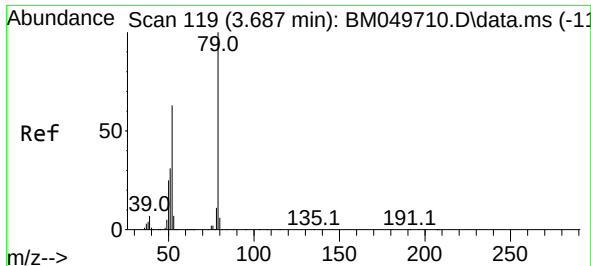
Tgt Ion:152 Resp: 258385
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.8 185.8
 115 50.8 43.0 64.6



#2
 1,4-Dioxane
 Concen: 39.766 ng
 RT: 3.269 min Scan# 48
 Delta R.T. -0.018 min
 Lab File: BM049803.D
 Acq: 03 Apr 2025 13:14

Tgt Ion: 88 Resp: 263609
 Ion Ratio Lower Upper
 88 100
 58 73.0 56.7 85.1
 43 31.4 22.6 34.0





#3

Pyridine

Concen: 44.407 ng

RT: 3.663 min Scan# 11

Delta R.T. -0.024 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

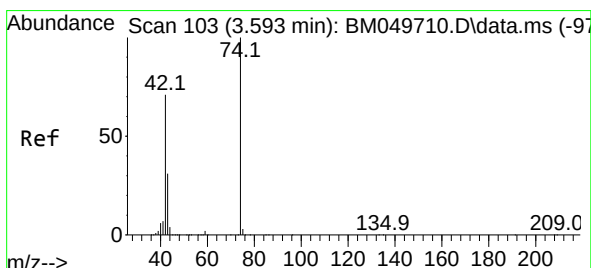
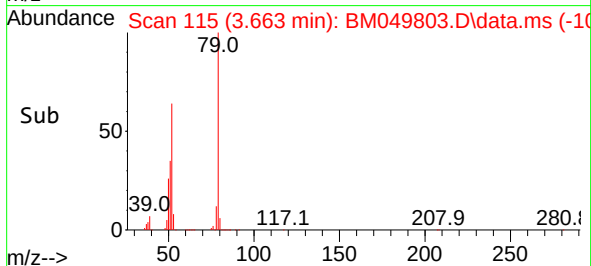
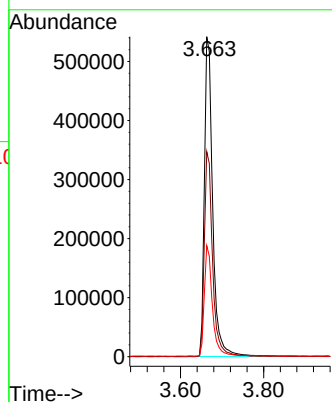
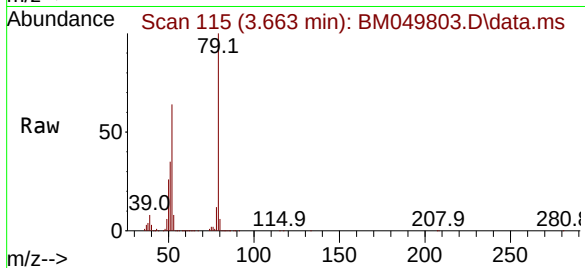
Tgt Ion: 79 Resp: 751795

Ion Ratio Lower Upper

79 100

52 64.1 50.1 75.1

51 34.7 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 48.251 ng

RT: 3.575 min Scan# 100

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

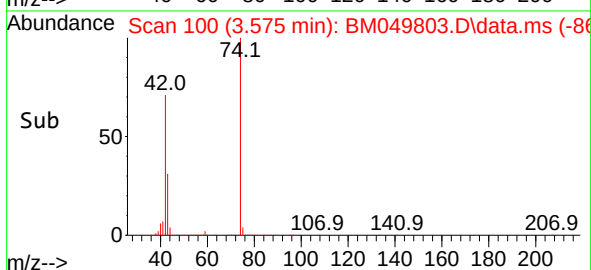
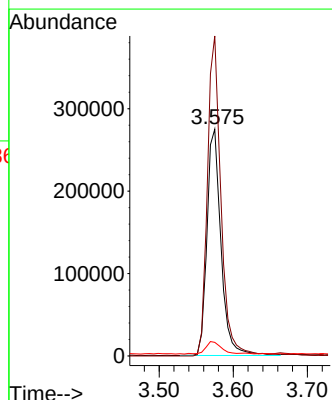
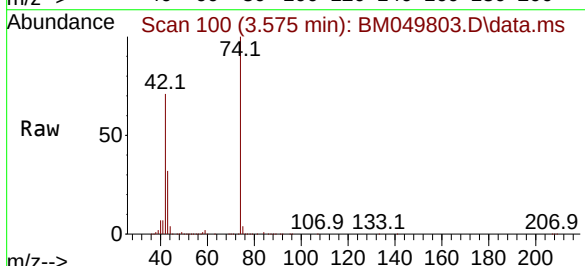
Tgt Ion: 42 Resp: 361444

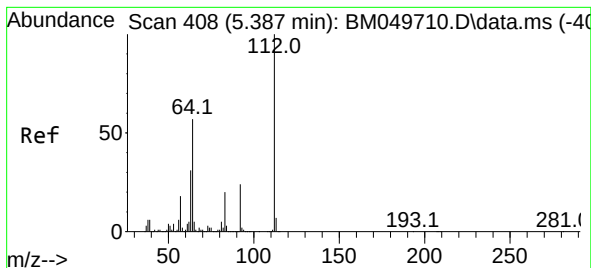
Ion Ratio Lower Upper

42 100

74 141.1 112.6 168.8

44 6.0 5.0 7.6

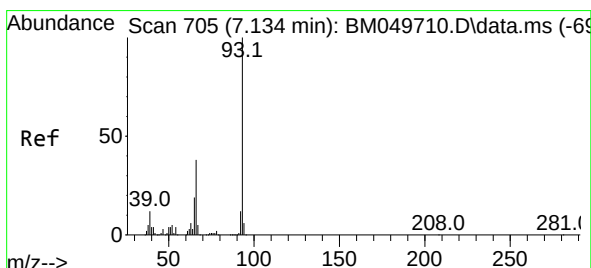
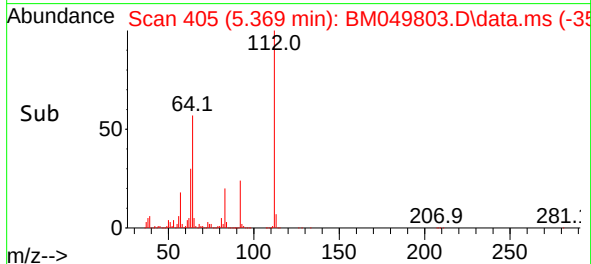
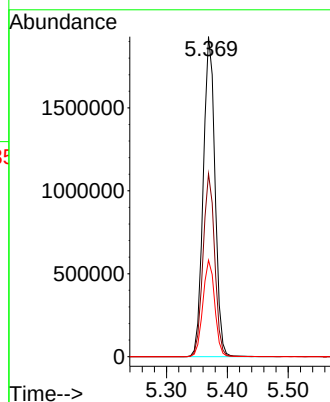
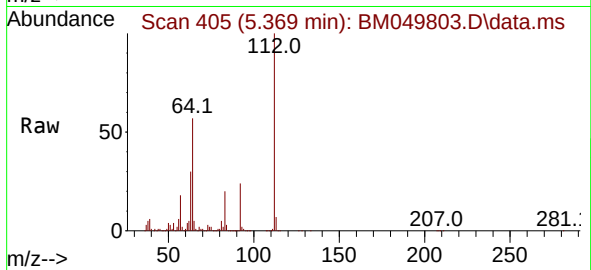




#5
2-Fluorophenol
Concen: 168.761 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

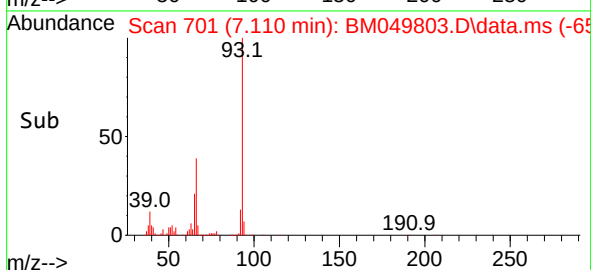
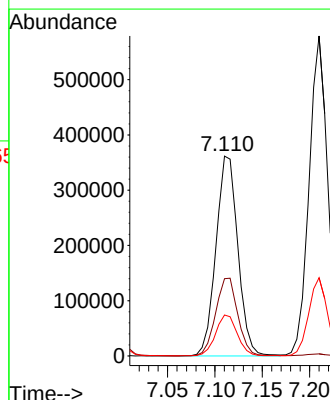
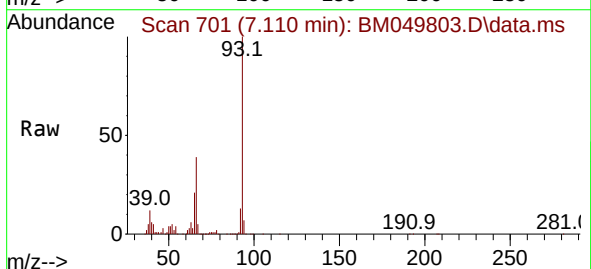
Instrument :
BNA_M
ClientSampleId :
PB167428BS

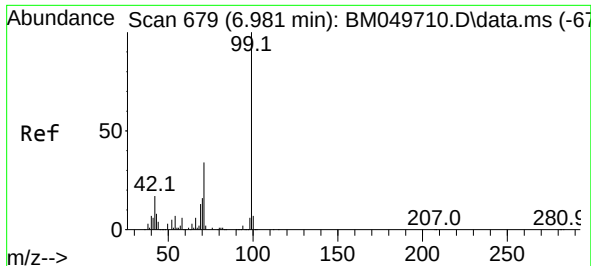
Tgt Ion:112 Resp: 2584283
Ion Ratio Lower Upper
112 100
64 57.2 45.3 67.9
63 30.2 24.4 36.6



#6
Aniline
Concen: 36.223 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion: 93 Resp: 583193
Ion Ratio Lower Upper
93 100
66 38.7 30.6 46.0
65 20.5 15.4 23.2

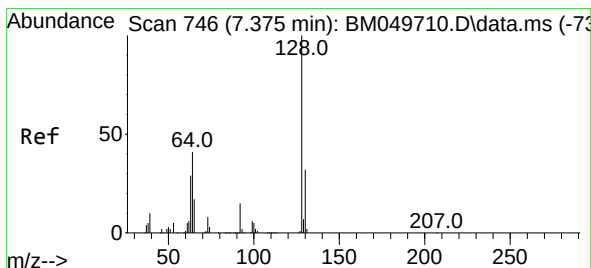
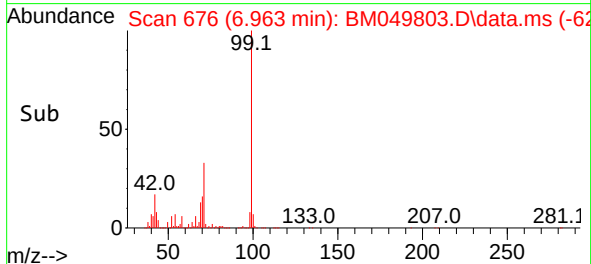
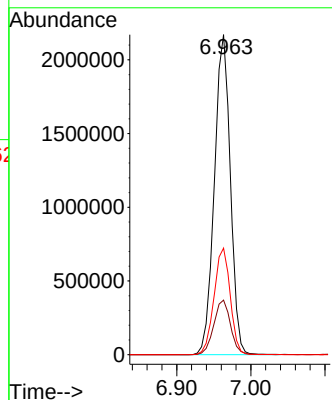
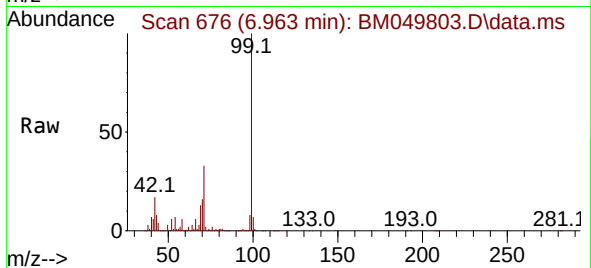




#7
Phenol-d6
Concen: 168.963 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

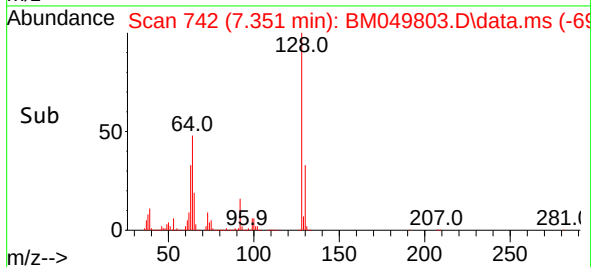
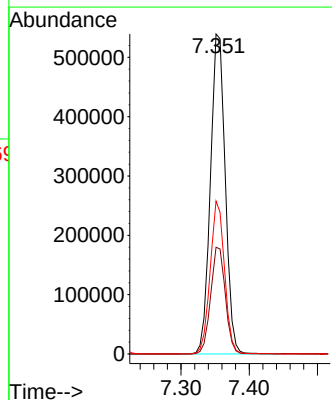
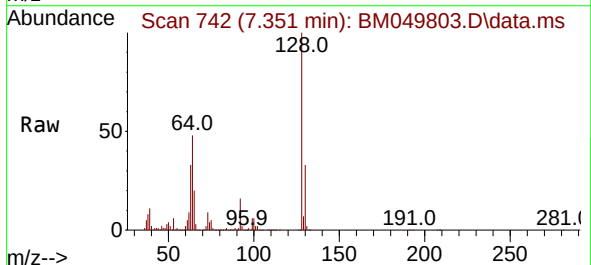
Instrument :
BNA_M
ClientSampleId :
PB167428BS

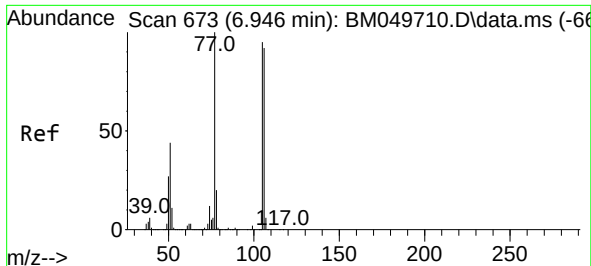
Tgt Ion: 99 Resp: 3247017
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 33.3 27.0 40.6



#8
2-Chlorophenol
Concen: 53.972 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion: 128 Resp: 818450
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 47.8 24.9 64.9

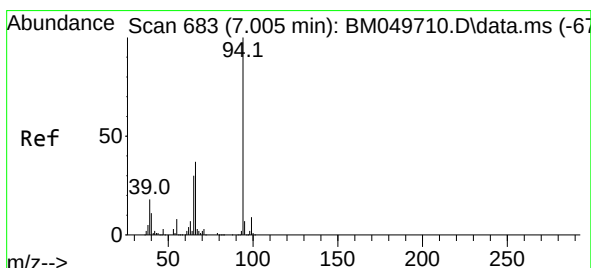
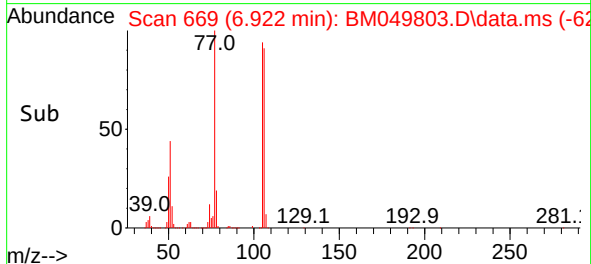
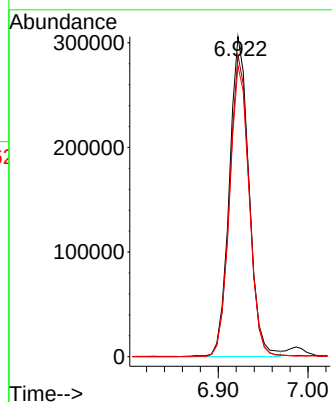
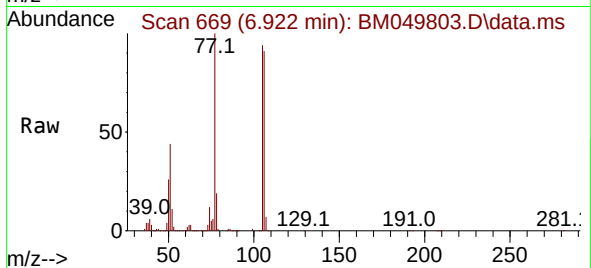




#9
Benzaldehyde
Concen: 48.717 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

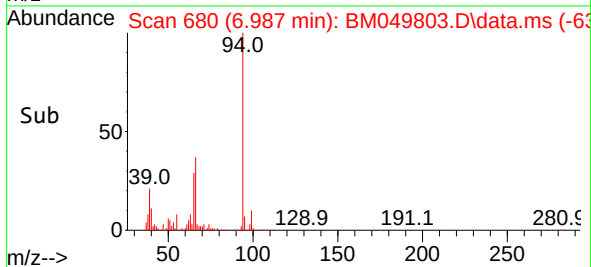
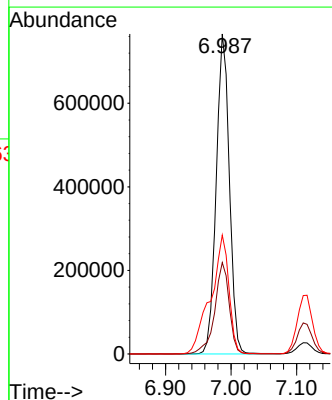
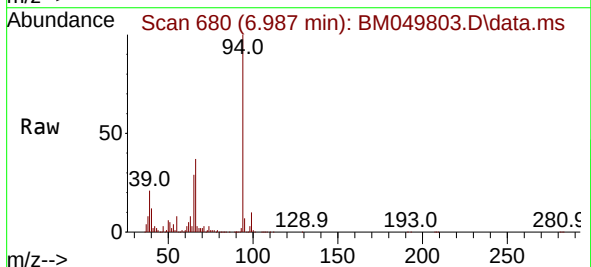
Instrument :
BNA_M
ClientSampleId :
PB167428BS

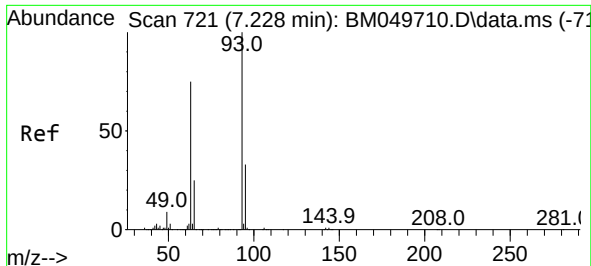
Tgt Ion: 77 Resp: 462823
Ion Ratio Lower Upper
77 100
105 94.2 75.0 115.0
106 90.8 72.3 112.3



#10
Phenol
Concen: 57.075 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion: 94 Resp: 1063540
Ion Ratio Lower Upper
94 100
65 28.6 10.4 50.4
66 37.2 17.1 57.1

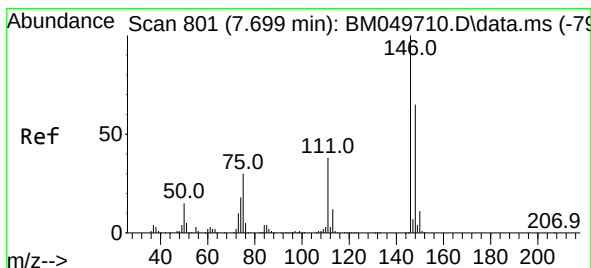
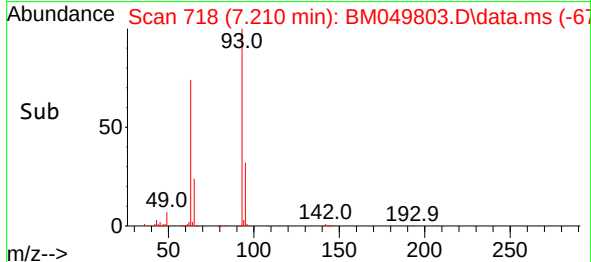
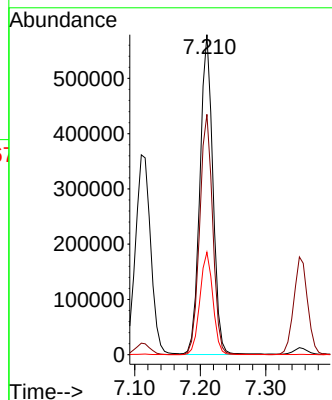
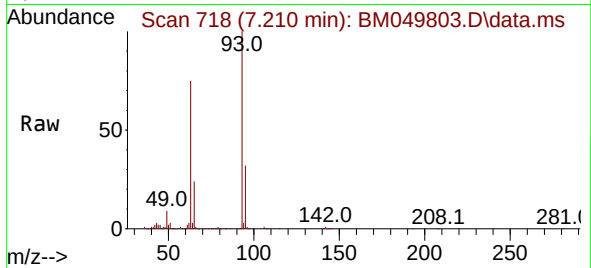




#11
bis(2-Chloroethyl)ether
Concen: 52.889 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

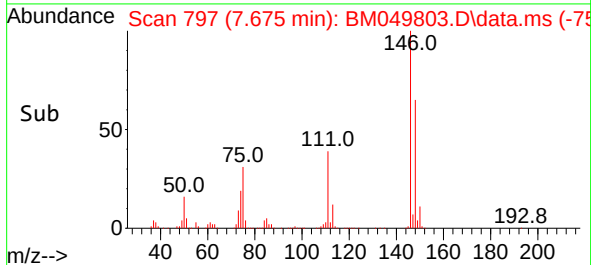
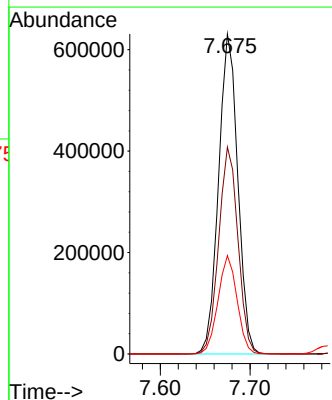
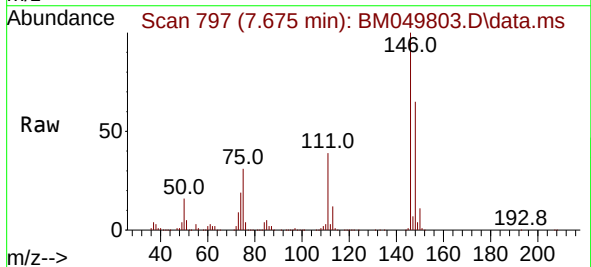
Instrument :
BNA_M
ClientSampleId :
PB167428BS

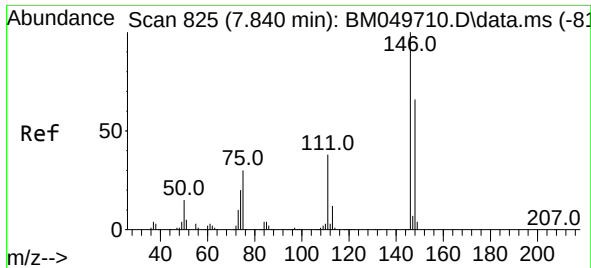
Tgt Ion: 93 Resp: 798065
Ion Ratio Lower Upper
93 100
63 75.1 54.8 94.8
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 50.862 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion: 146 Resp: 937339
Ion Ratio Lower Upper
146 100
148 64.7 52.3 78.5
75 30.8 24.2 36.2

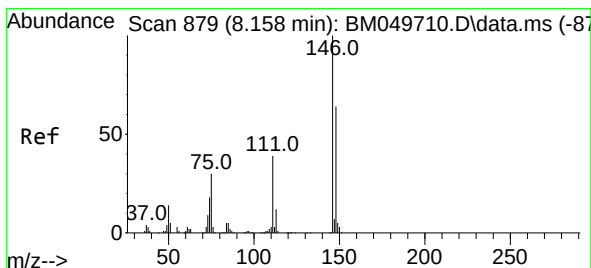
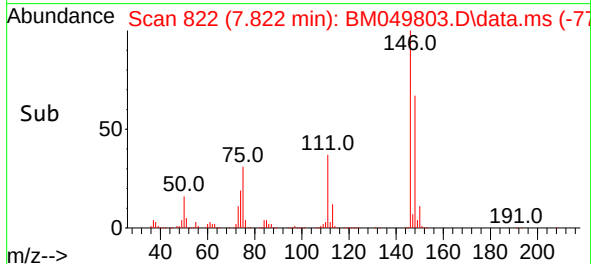
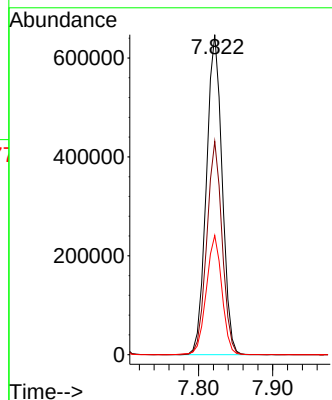
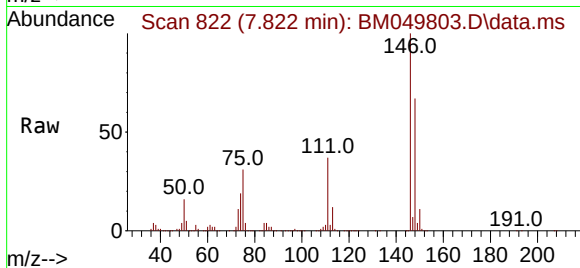




#13
1,4-Dichlorobenzene
Concen: 51.358 ng
RT: 7.822 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

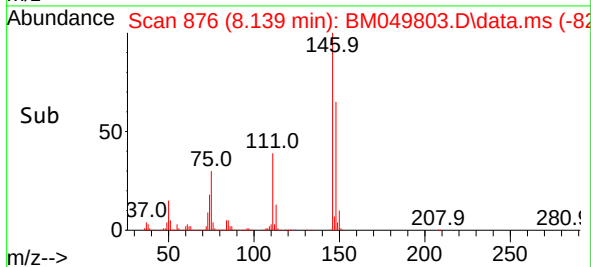
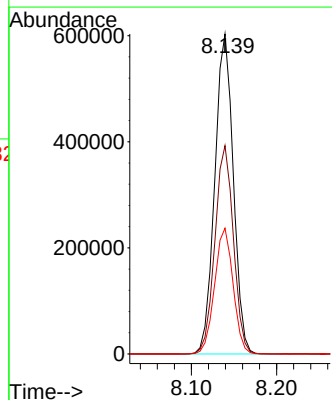
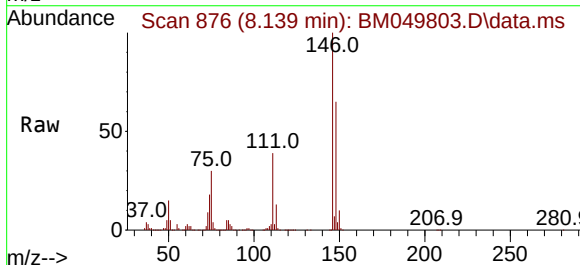
Instrument :
BNA_M
ClientSampleId :
PB167428BS

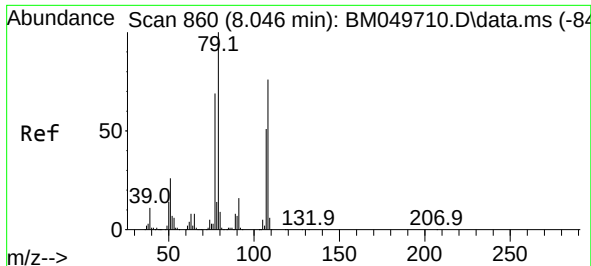
Tgt Ion:146 Resp: 954829
Ion Ratio Lower Upper
146 100
148 66.7 52.6 79.0
111 37.2 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 51.618 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:146 Resp: 912036
Ion Ratio Lower Upper
146 100
148 65.1 50.9 76.3
111 39.3 31.0 46.6

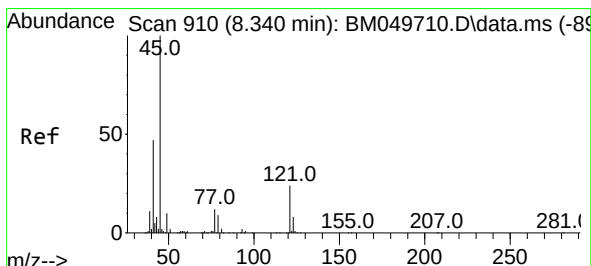
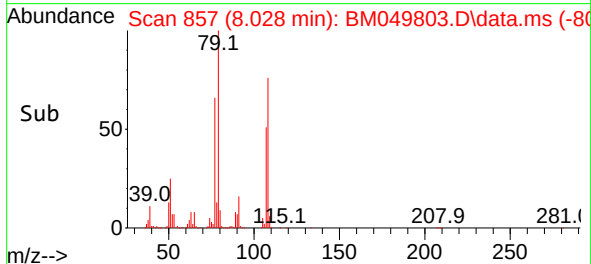
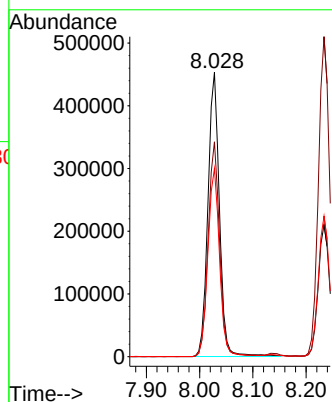
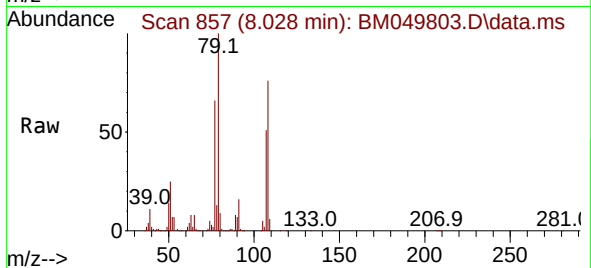




#15
Benzyl Alcohol
Concen: 56.330 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

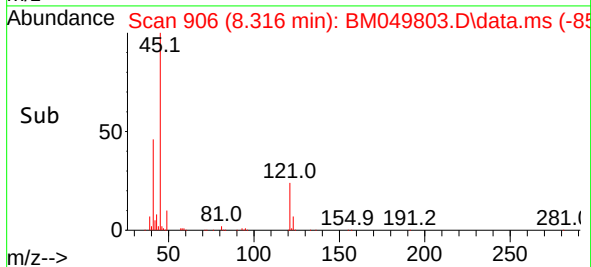
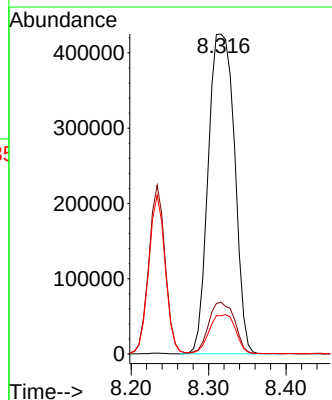
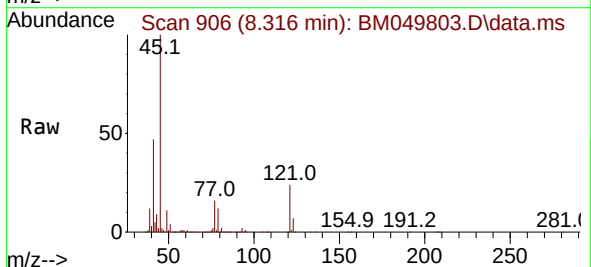
Instrument :
BNA_M
ClientSampleId :
PB167428BS

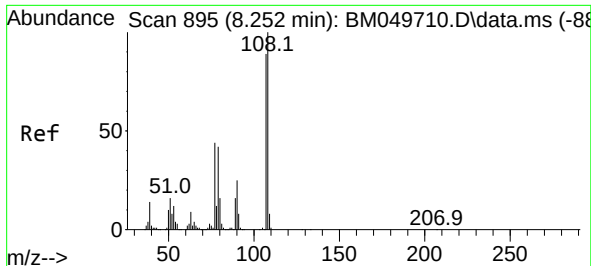
Tgt Ion: 79 Resp: 679324
Ion Ratio Lower Upper
79 100
108 75.6 60.7 91.1
77 66.2 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.295 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

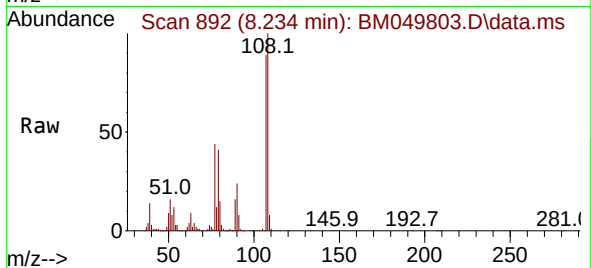
Tgt Ion: 45 Resp: 998389
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.1
79 12.0 0.0 32.8



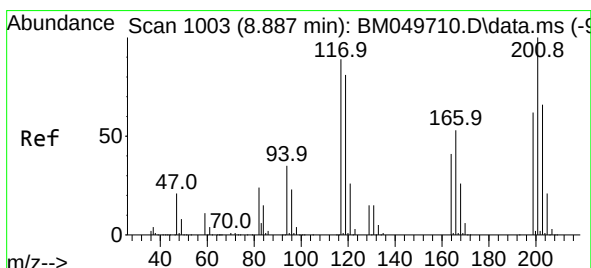
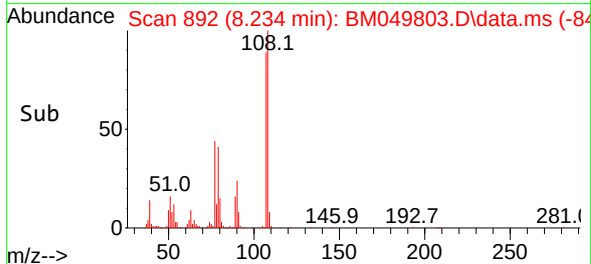
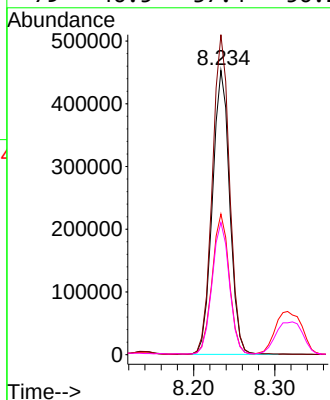


#17
2-Methylphenol
Concen: 60.422 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Instrument :
BNA_M
ClientSampleId :
PB167428BS

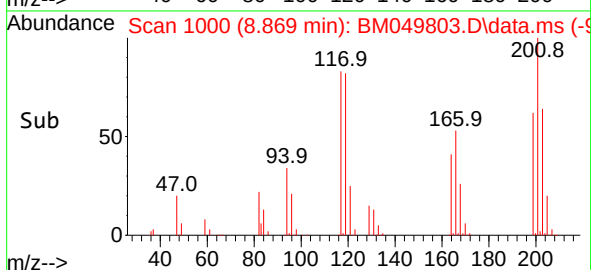
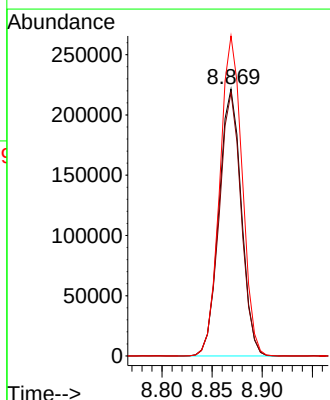
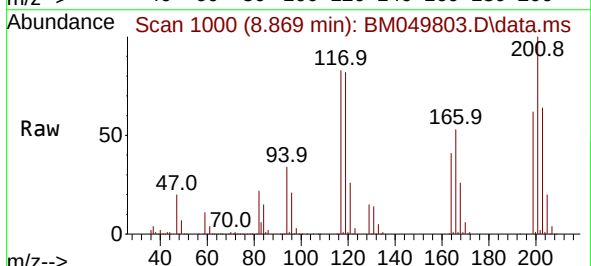


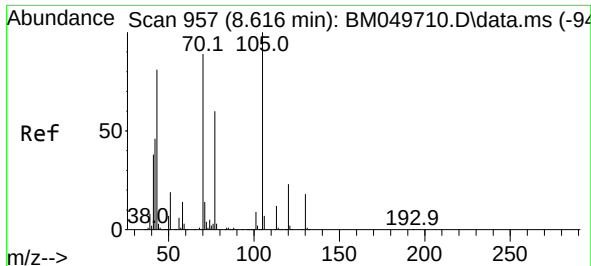
Tgt Ion:	107	Resp:	668441
Ion Ratio	Lower	Upper	
107	100		
108	112.5	89.6	134.4
77	49.4	39.8	59.6
79	46.5	37.4	56.2



#18
Hexachloroethane
Concen: 52.263 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:	117	Resp:	343130
Ion Ratio	Lower	Upper	
117	100		
119	98.7	73.1	109.7
201	119.9	90.0	135.0



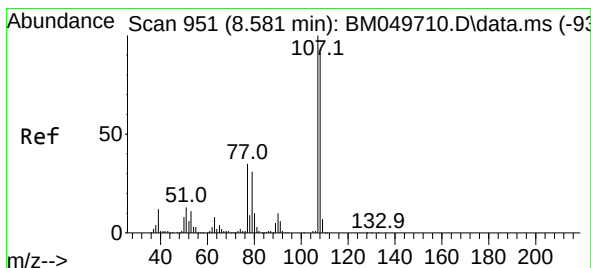
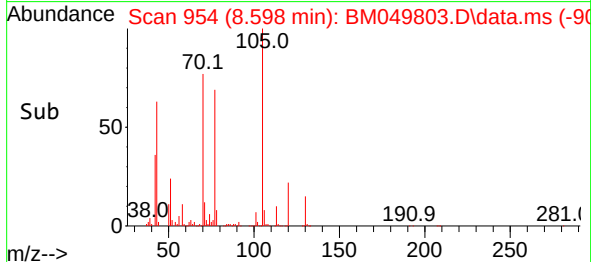
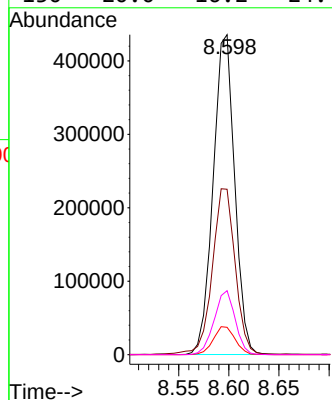
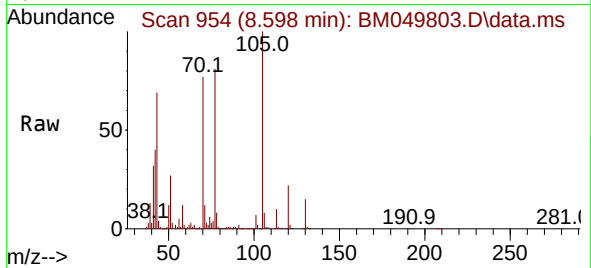


#19
n-Nitroso-di-n-propylamine
Concen: 58.303 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Instrument :
BNA_M
ClientSampleId :
PB167428BS

Tgt Ion: 70 Resp: 649693

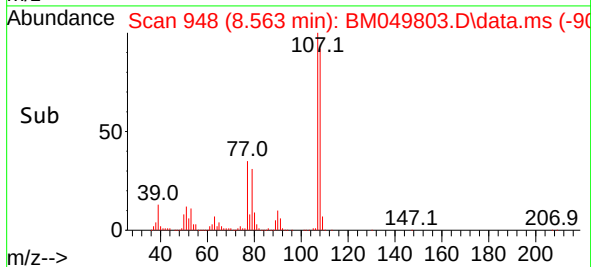
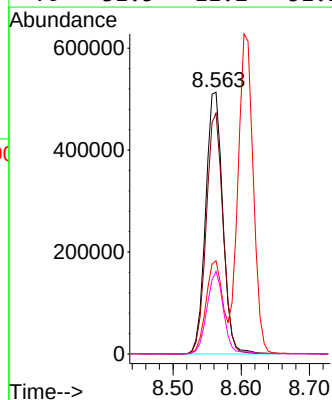
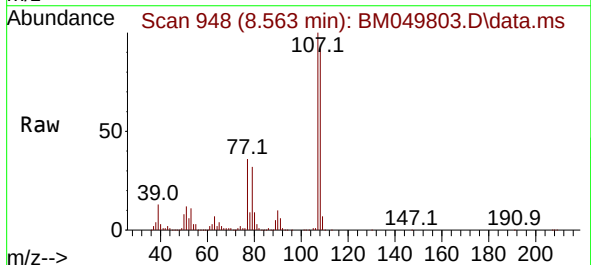
Ion	Ratio	Lower	Upper
70	100		
42	51.7	41.8	62.6
101	8.5	7.7	11.5
130	20.0	16.2	24.4

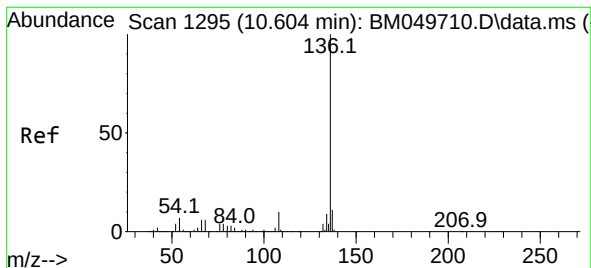


#20
3+4-Methylphenols
Concen: 60.588 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion: 107 Resp: 898258

Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.0	111.0
77	35.6	15.1	55.1
79	31.5	11.2	51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.580 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049803.D

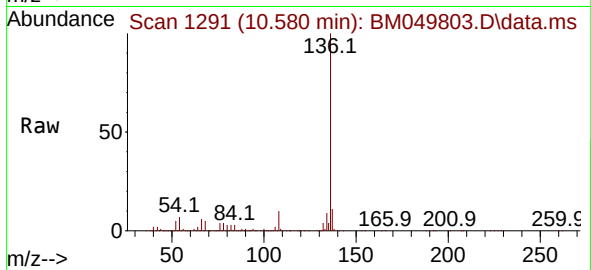
Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS



Tgt Ion:136 Resp: 920866

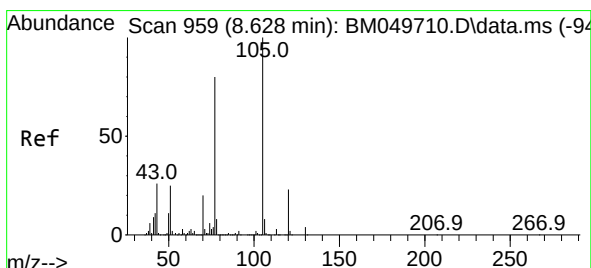
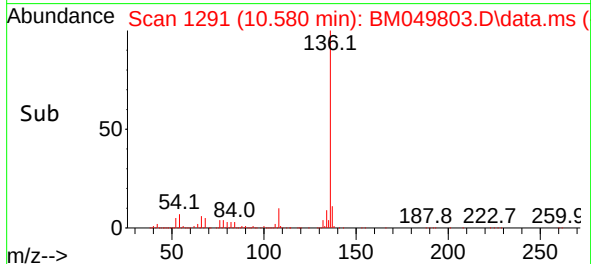
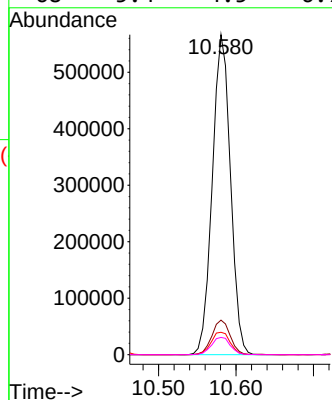
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 7.0 5.8 8.8

68 5.4 4.5 6.7



#22

Acetophenone

Concen: 51.660 ng

RT: 8.604 min Scan# 955

Delta R.T. -0.024 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Tgt Ion:105 Resp: 1226605

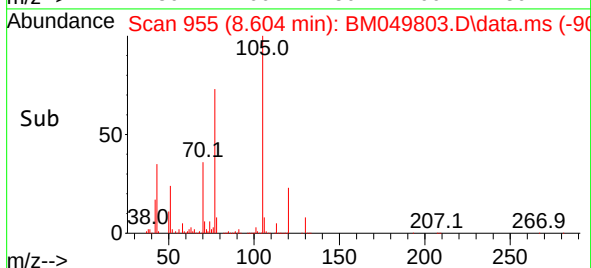
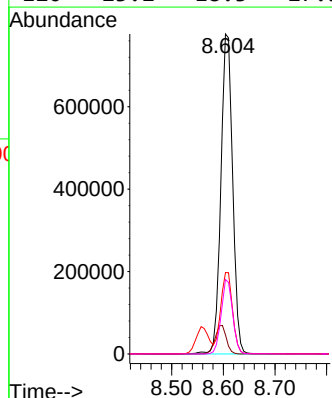
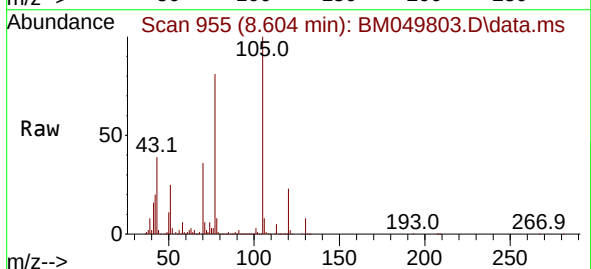
Ion Ratio Lower Upper

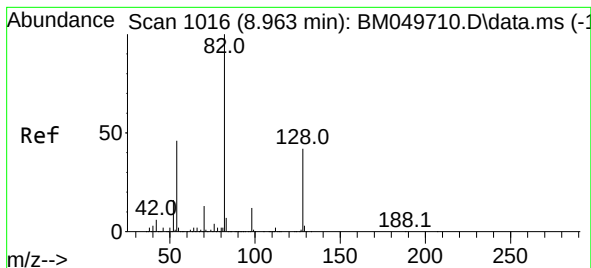
105 100

71 6.0 2.5 3.7#

51 25.4 19.9 29.9

120 23.2 18.3 27.5





#23

Nitrobenzene-d5

Concen: 105.197 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

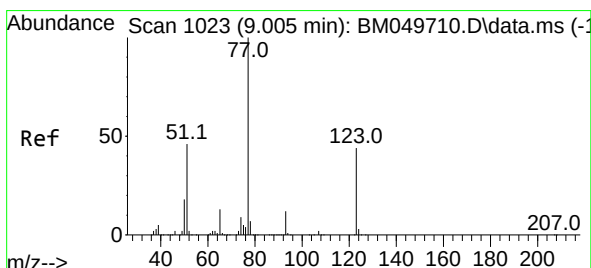
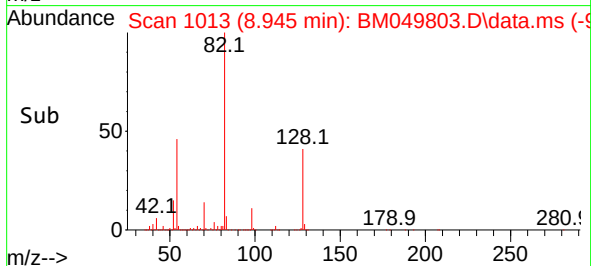
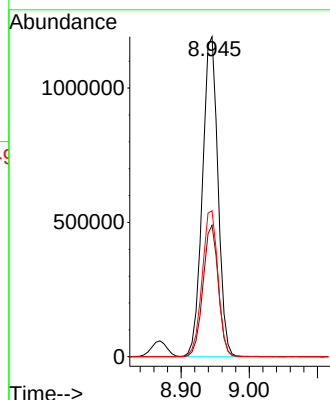
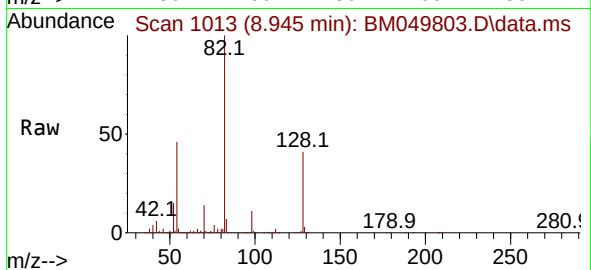
Tgt Ion: 82 Resp: 1886807

Ion Ratio Lower Upper

82 100

128 41.0 33.4 50.0

54 45.6 36.4 54.6



#24

Nitrobenzene

Concen: 52.729 ng

RT: 8.986 min Scan# 1020

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

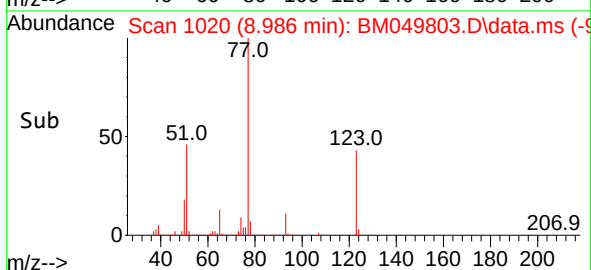
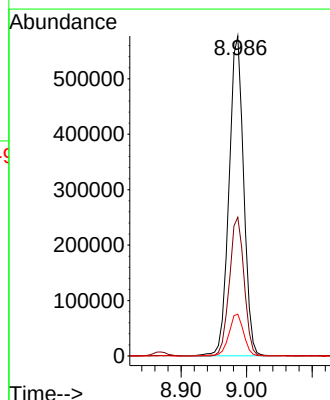
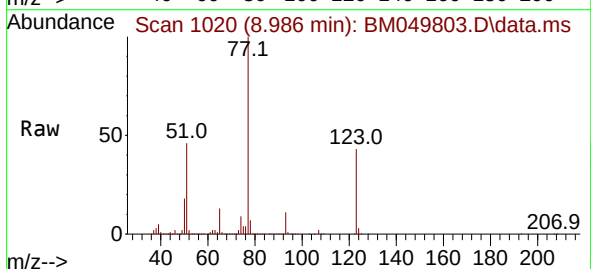
Tgt Ion: 77 Resp: 891771

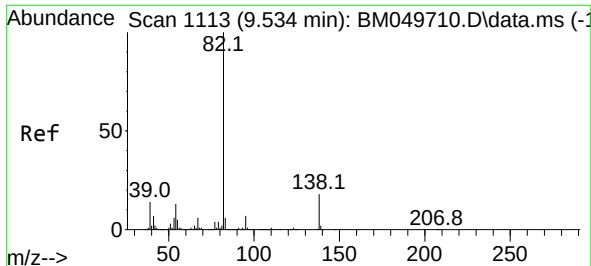
Ion Ratio Lower Upper

77 100

123 43.4 34.9 52.3

65 13.1 10.6 15.8





#25

Isophorone

Concen: 59.343 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

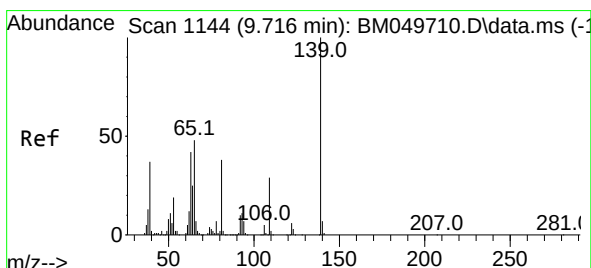
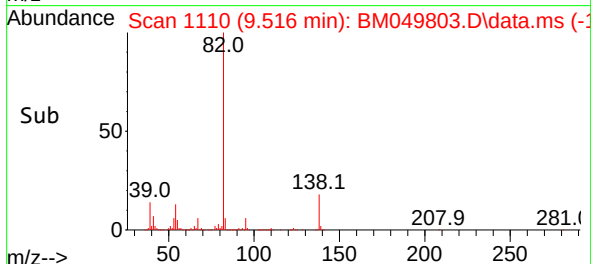
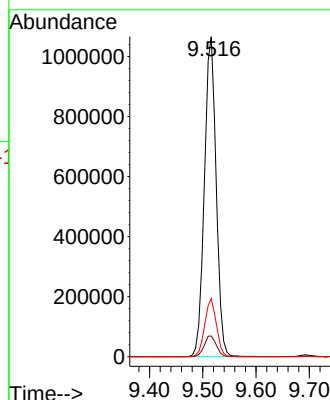
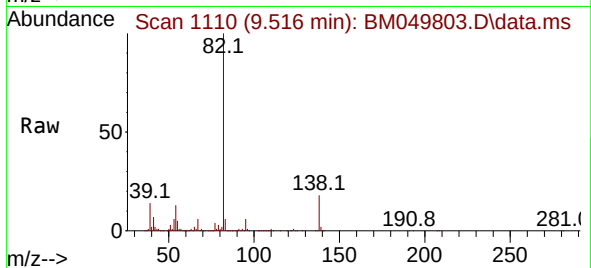
Tgt Ion: 82 Resp: 1634215

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.1 14.4 21.6



#26

2-Nitrophenol

Concen: 55.909 ng

RT: 9.692 min Scan# 1140

Delta R.T. -0.024 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

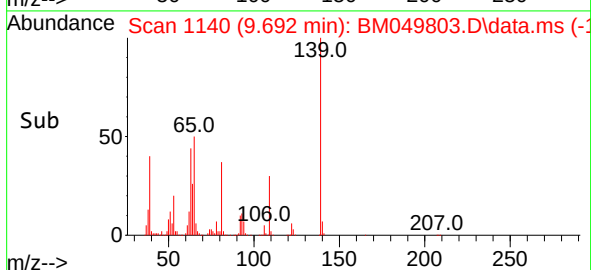
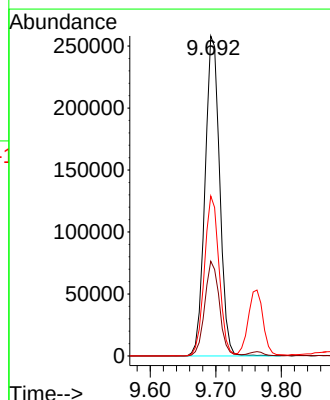
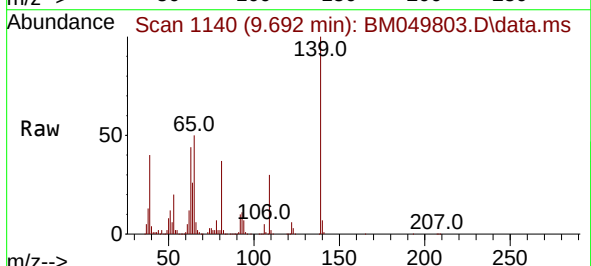
Tgt Ion: 139 Resp: 402451

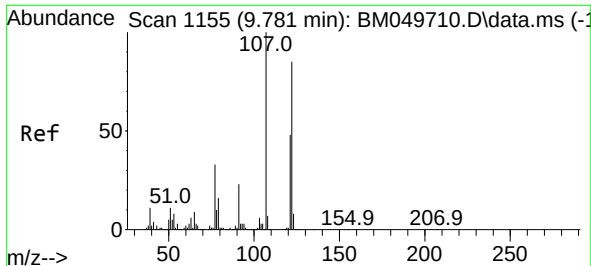
Ion Ratio Lower Upper

139 100

109 29.6 23.3 34.9

65 50.0 38.6 58.0

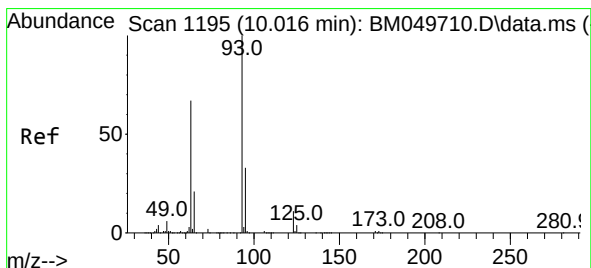
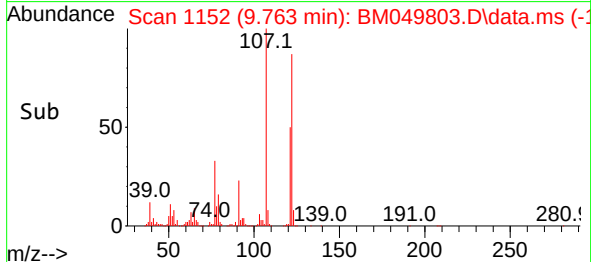
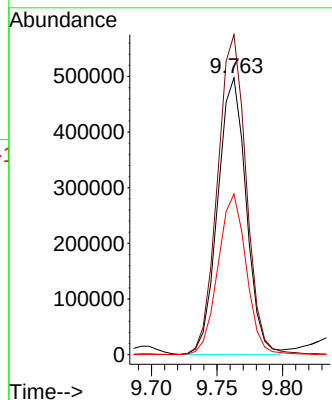
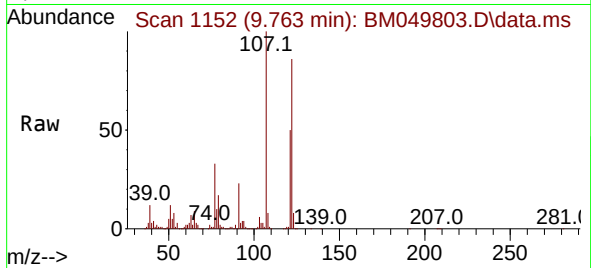




#27
2,4-Dimethylphenol
Concen: 81.739 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

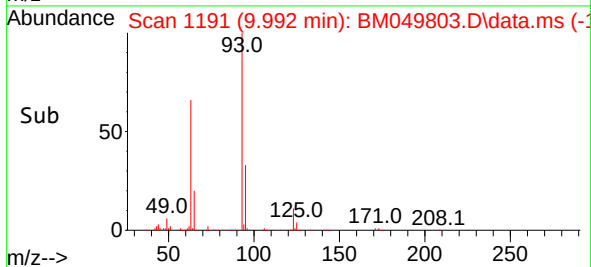
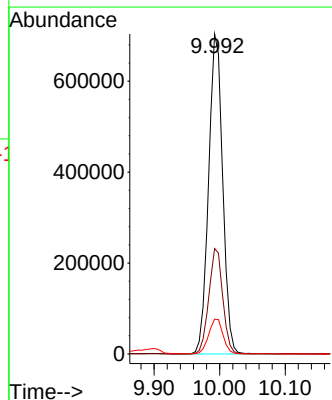
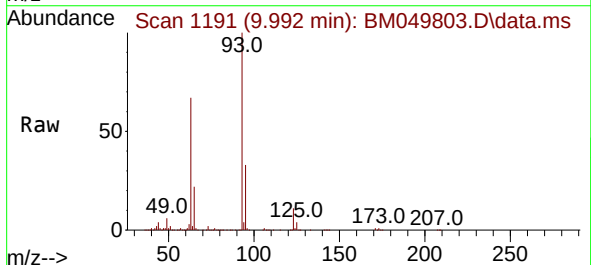
Instrument :
BNA_M
ClientSampleId :
PB167428BS

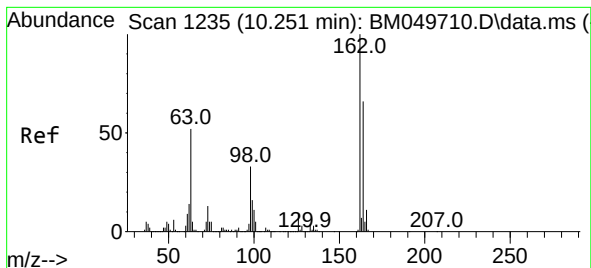
Tgt Ion:122 Resp: 748941
Ion Ratio Lower Upper
122 100
107 115.6 94.3 141.5
121 58.1 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 54.273 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion: 93 Resp: 1052654
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 10.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 57.709 ng

RT: 10.233 min Scan# 1232

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

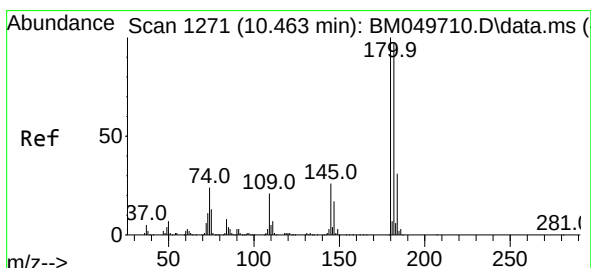
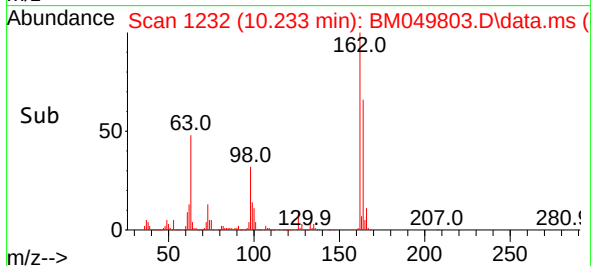
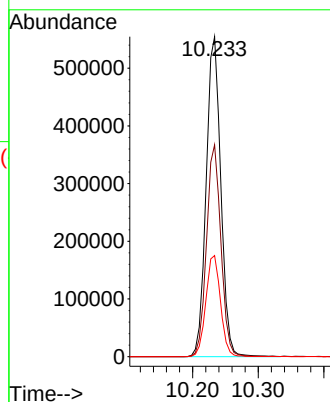
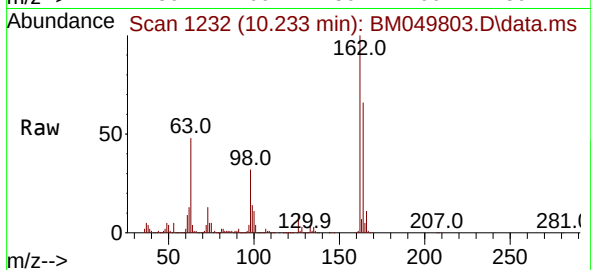
Tgt Ion:162 Resp: 861605

Ion Ratio Lower Upper

162 100

164 66.2 46.3 86.3

98 31.6 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 50.679 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

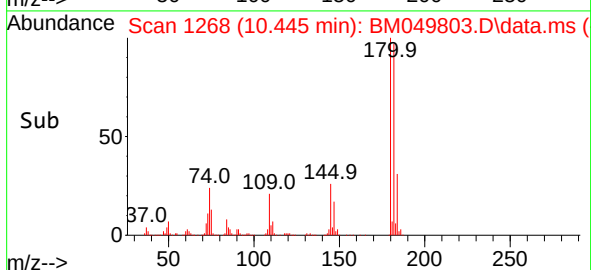
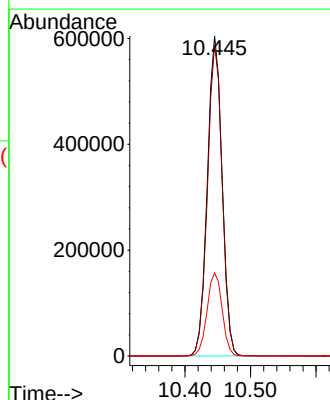
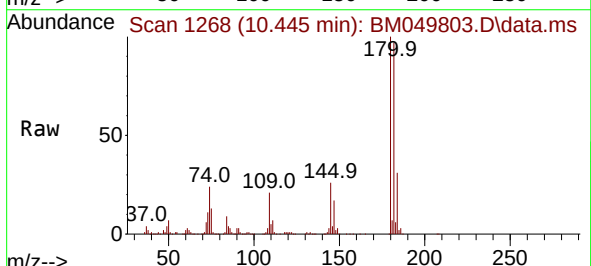
Tgt Ion:180 Resp: 946678

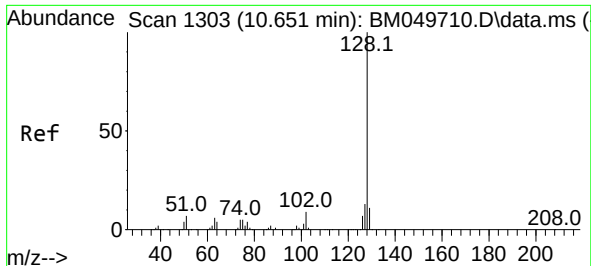
Ion Ratio Lower Upper

180 100

182 97.2 77.7 116.5

145 26.0 21.0 31.4

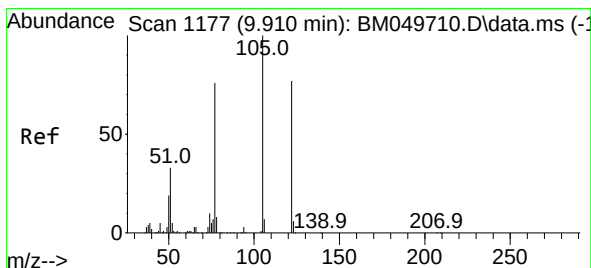
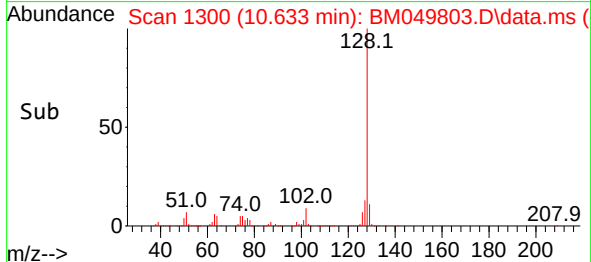
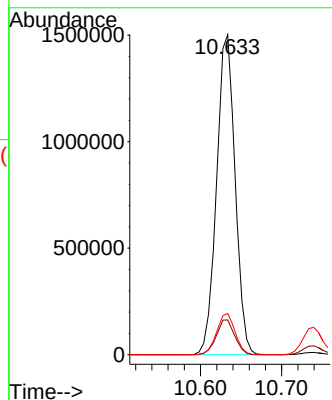
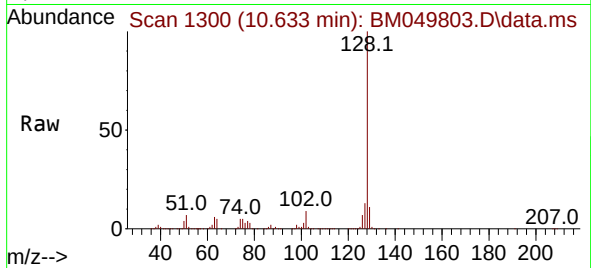




#31
Naphthalene
Concen: 50.335 ng
RT: 10.633 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

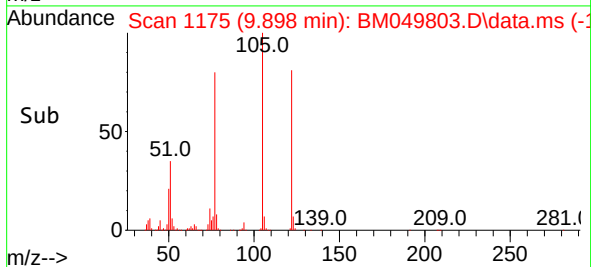
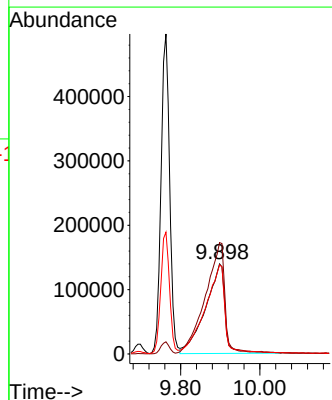
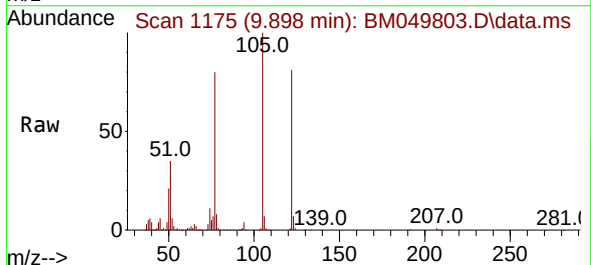
Instrument :
BNA_M
ClientSampleId :
PB167428BS

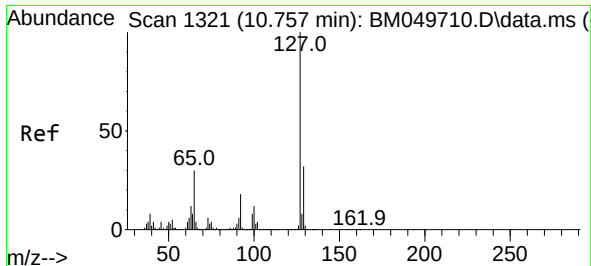
Tgt Ion:128 Resp: 2383422
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 61.199 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:122 Resp: 476884
Ion Ratio Lower Upper
122 100
105 123.6 105.6 145.6
77 98.9 76.9 116.9

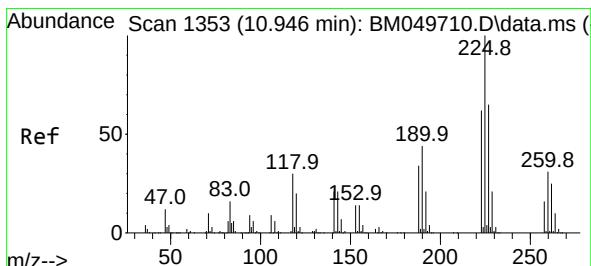
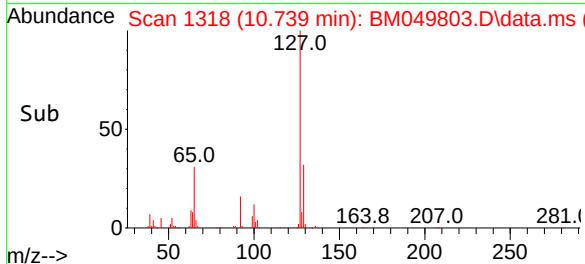
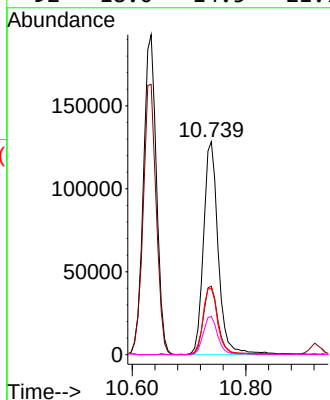
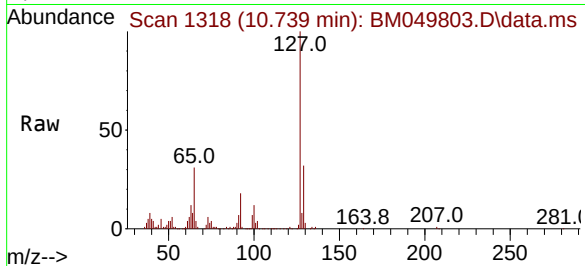




#33
4-Chloroaniline
Concen: 14.260 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

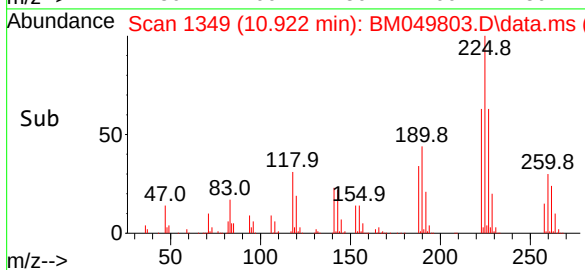
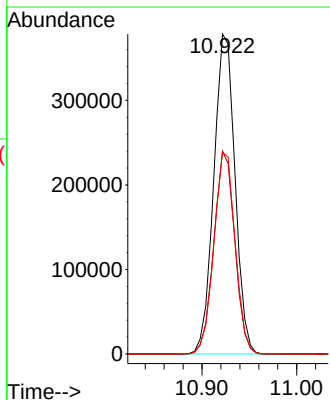
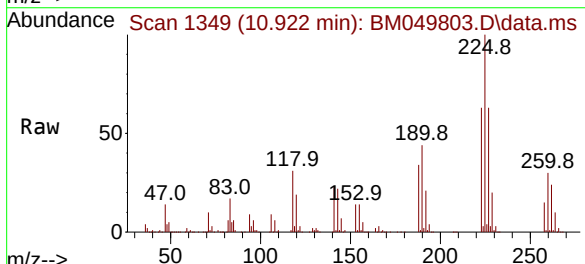
Instrument :
BNA_M
ClientSampleId :
PB167428BS

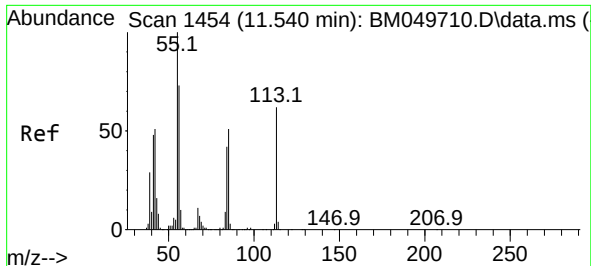
Tgt Ion:127	Resp: 230450
Ion Ratio	Lower Upper
127 100	
129 32.1	25.7 38.5
65 31.2	24.1 36.1
92 18.0	14.5 21.7



#34
Hexachlorobutadiene
Concen: 51.142 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:225	Resp: 589742		
Ion Ratio	Lower	Upper	
225 100			
223 63.4	49.8	74.8	
227 63.0	52.1	78.1	

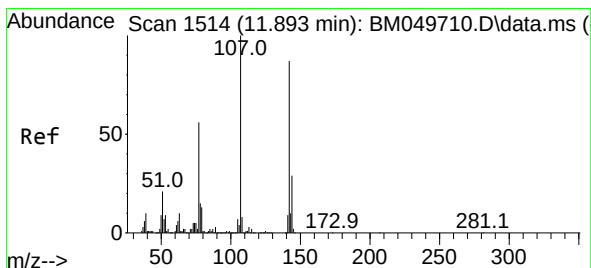
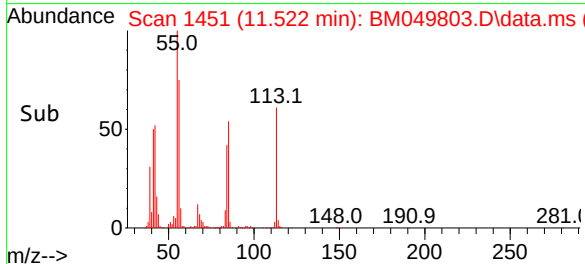
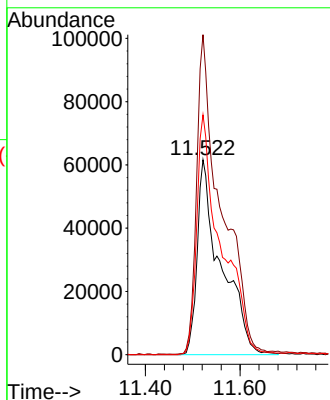
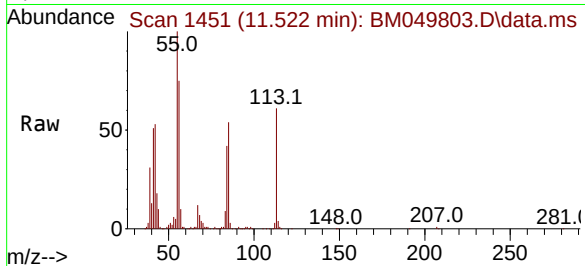




#35
Caprolactam
Concen: 62.156 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

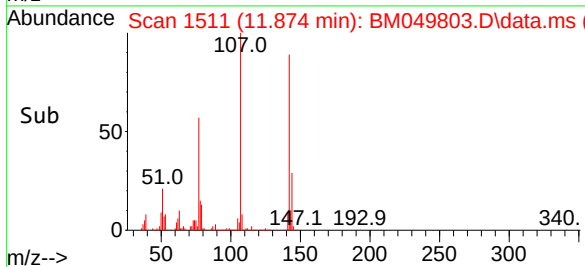
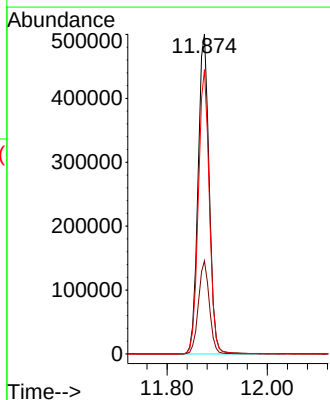
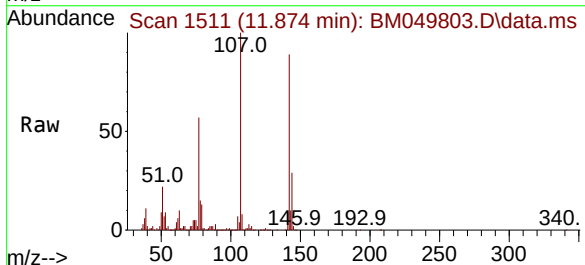
Instrument :
BNA_M
ClientSampleId :
PB167428BS

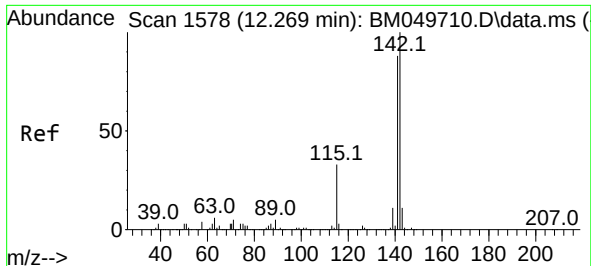
Tgt Ion:113 Resp: 215450
Ion Ratio Lower Upper
113 100
55 164.2 141.8 181.8
56 123.1 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 59.988 ng
RT: 11.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:107 Resp: 768607
Ion Ratio Lower Upper
107 100
144 29.1 23.0 34.6
142 88.8 69.8 104.8

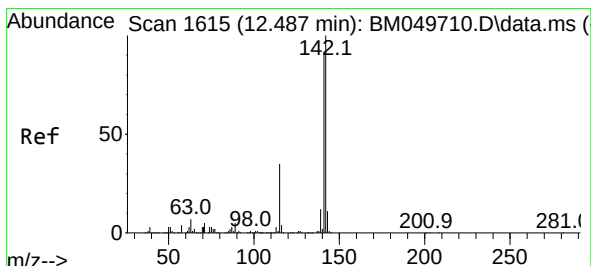
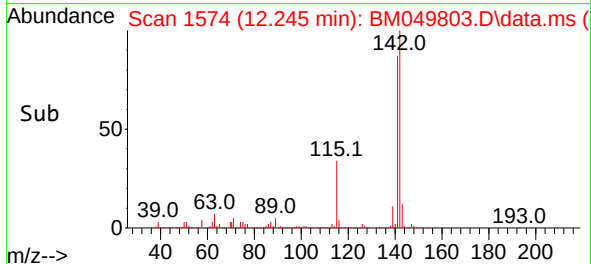
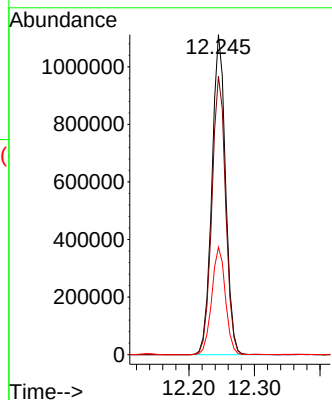
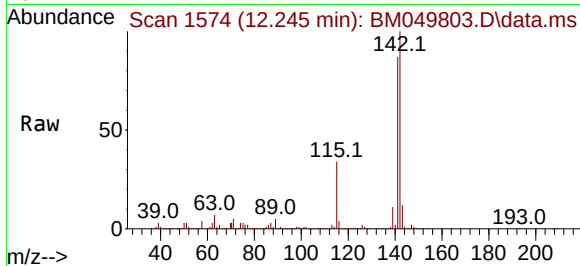




#37
2-Methylnaphthalene
Concen: 48.678 ng
RT: 12.245 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

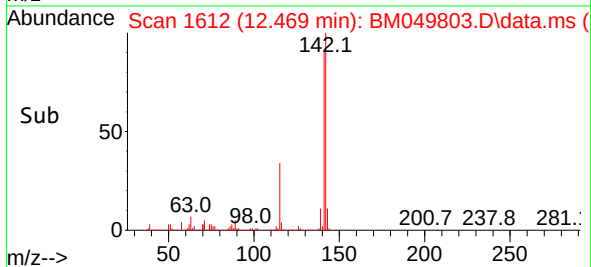
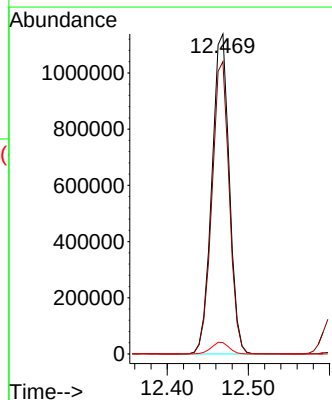
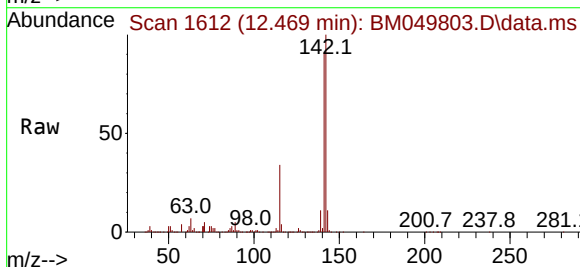
Instrument :
BNA_M
ClientSampleId :
PB167428BS

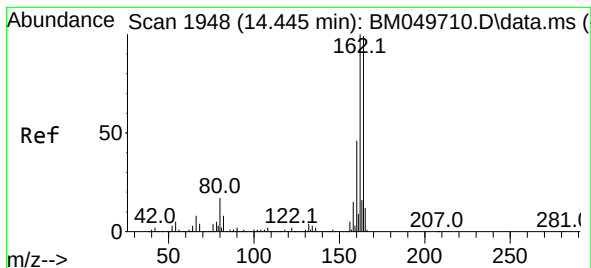
Tgt Ion:142 Resp: 1611757
Ion Ratio Lower Upper
142 100
141 87.0 70.5 105.7
115 33.6 26.5 39.7



#38
1-Methylnaphthalene
Concen: 53.213 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:142 Resp: 1699891
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

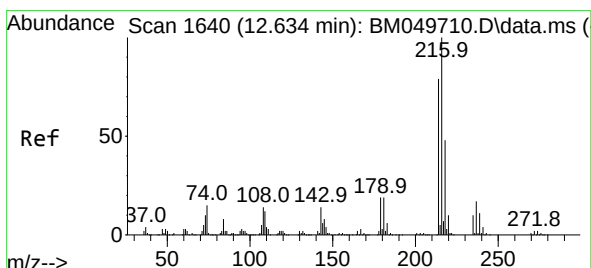
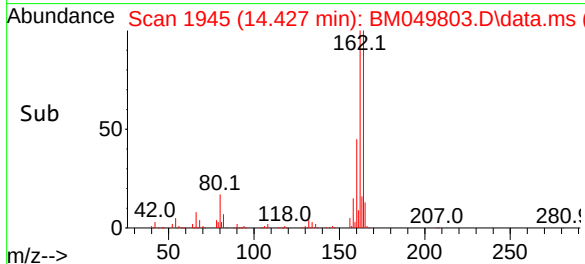
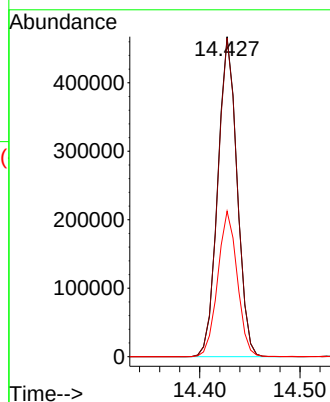
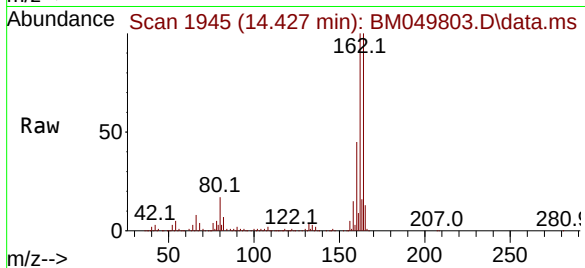
Tgt Ion:164 Resp: 623518

Ion Ratio Lower Upper

164 100

162 99.6 80.5 120.7

160 45.5 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.022 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Tgt Ion:216 Resp: 1168564

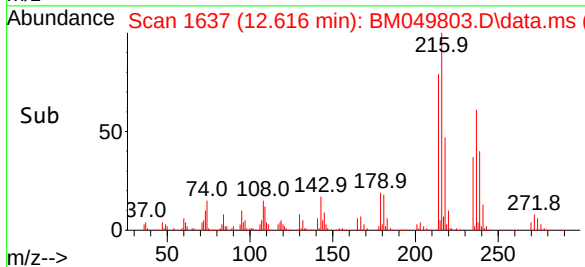
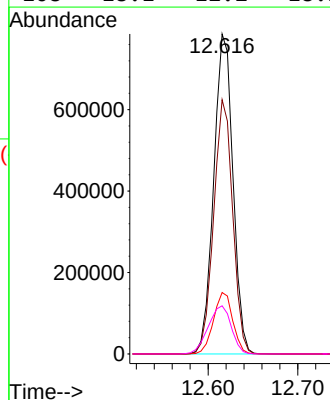
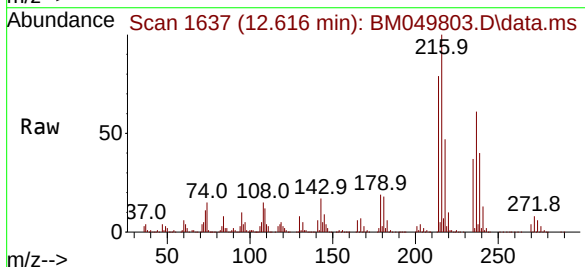
Ion Ratio Lower Upper

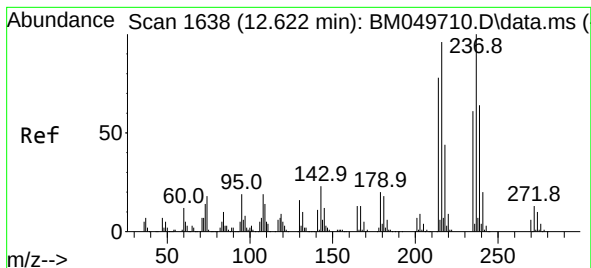
216 100

214 78.5 63.5 95.3

179 19.3 15.7 23.5

108 18.1 12.2 18.2

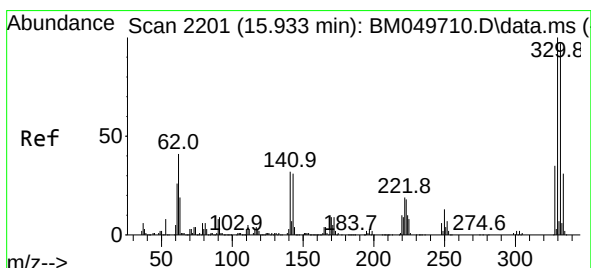
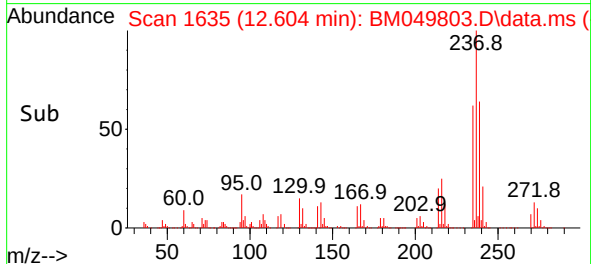
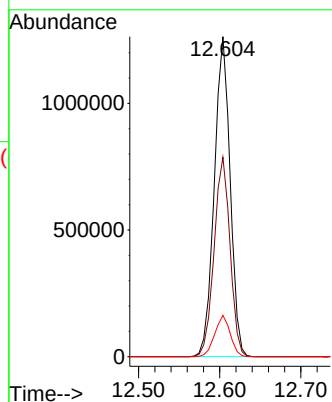
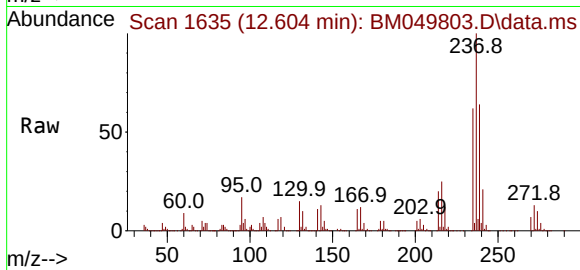




#41
Hexachlorocyclopentadiene
Concen: 201.578 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

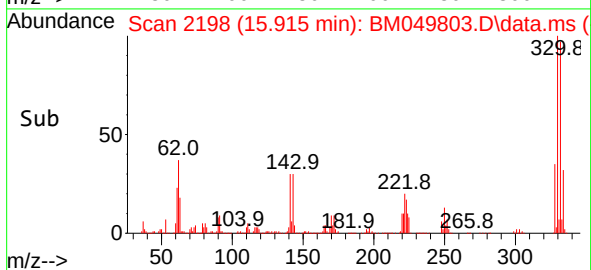
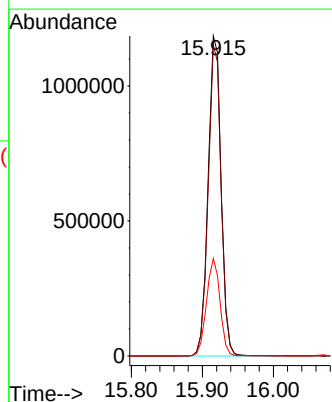
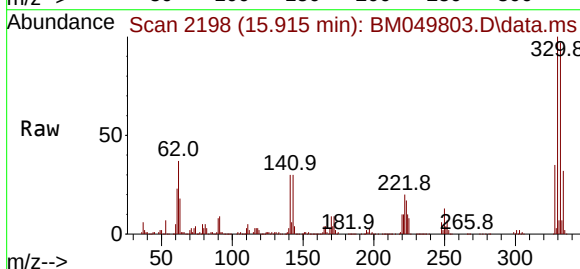
Instrument :
BNA_M
ClientSampleId :
PB167428BS

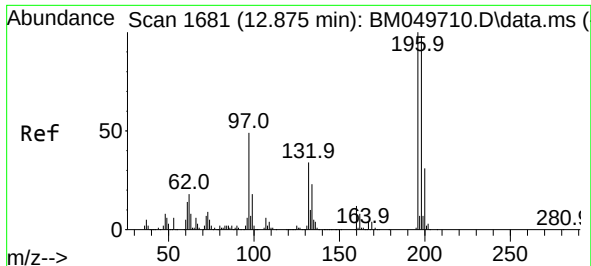
Tgt Ion:237 Resp: 1710355
Ion Ratio Lower Upper
237 100
235 62.3 41.1 81.1
272 12.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 207.697 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

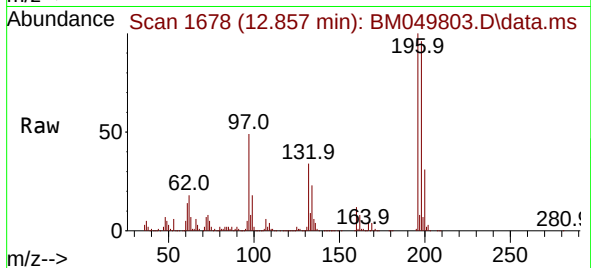
Tgt Ion:330 Resp: 1512204
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 31.8 27.8 41.6



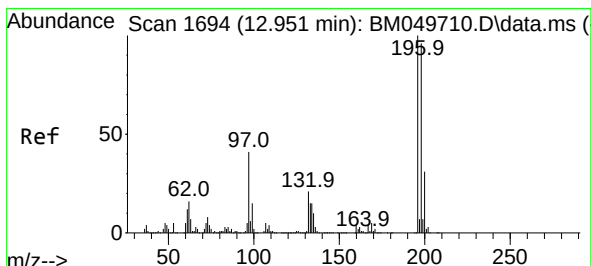
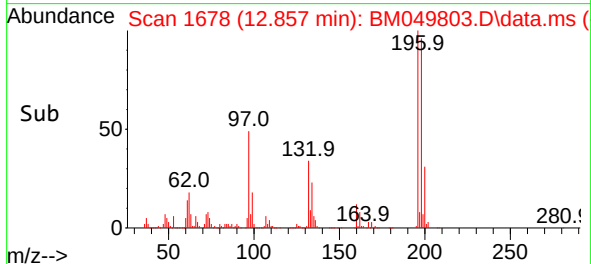
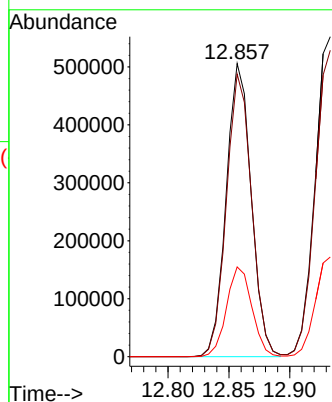


#43
2,4,6-Trichlorophenol
Concen: 56.409 ng
RT: 12.857 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Instrument :
BNA_M
ClientSampleId :
PB167428BS

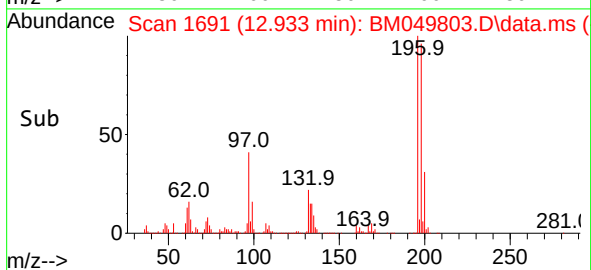
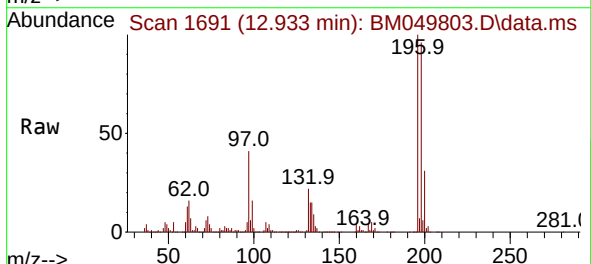
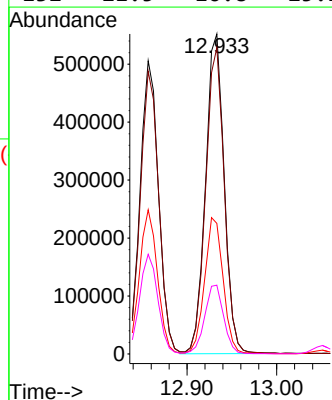


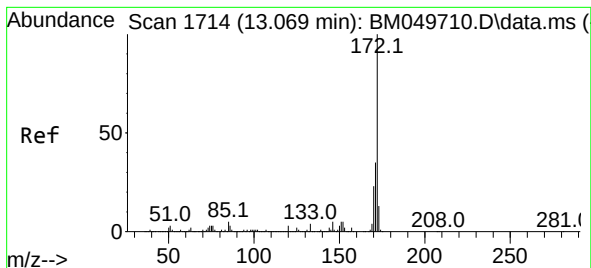
Tgt Ion:196 Resp: 723569
Ion Ratio Lower Upper
196 100
198 96.4 78.3 117.5
200 30.6 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 57.017 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:196 Resp: 798112
Ion Ratio Lower Upper
196 100
198 95.7 76.7 115.1
97 40.8 32.9 49.3
132 21.5 16.8 25.2





#45

2-Fluorobiphenyl

Concen: 101.316 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

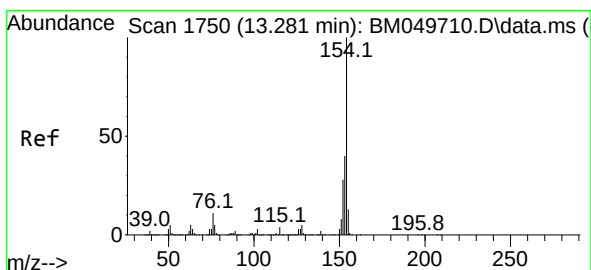
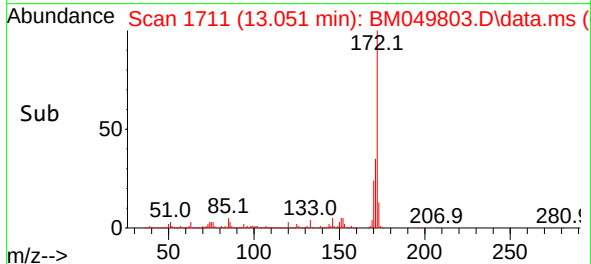
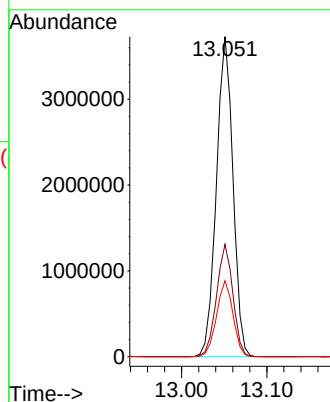
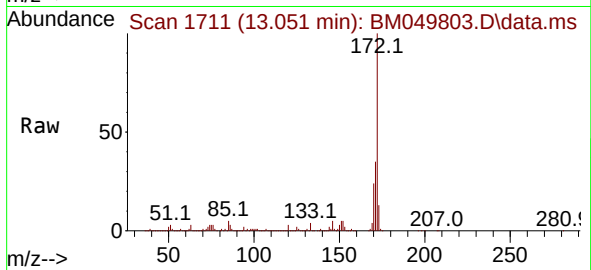
Tgt Ion:172 Resp: 5044216

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 50.219 ng

RT: 13.263 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

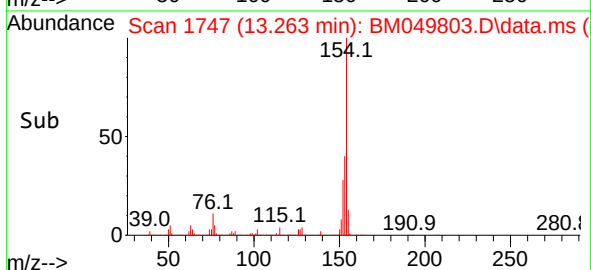
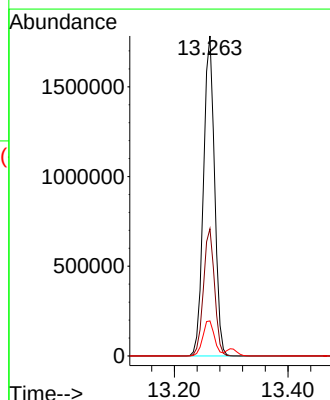
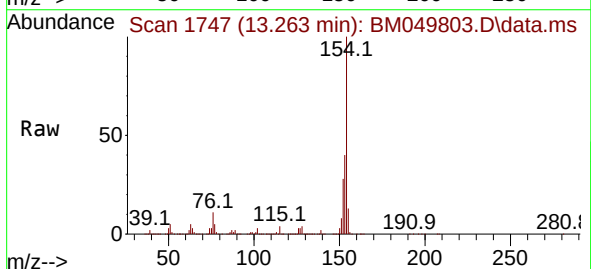
Tgt Ion:154 Resp: 2413259

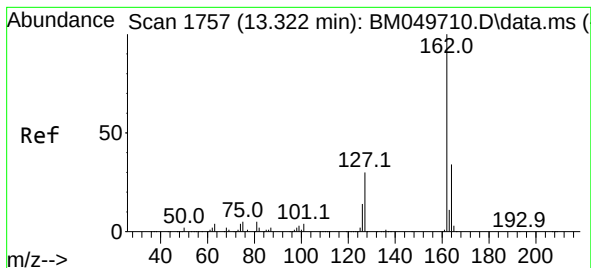
Ion Ratio Lower Upper

154 100

153 39.8 19.7 59.7

76 11.0 0.0 31.2

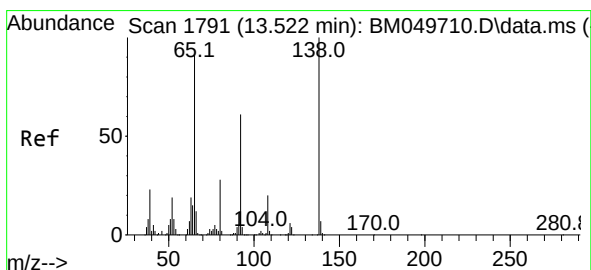
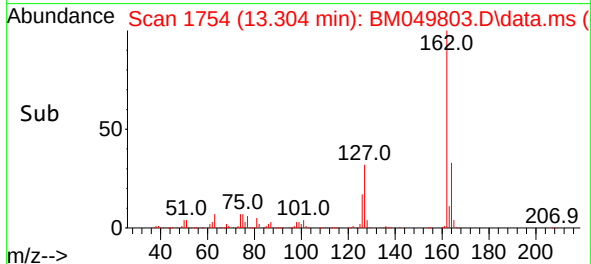
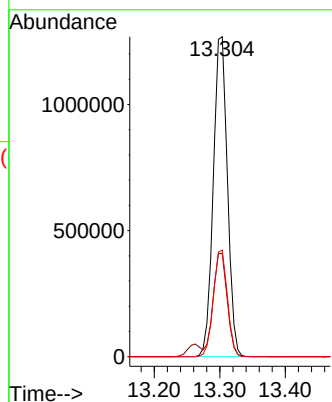
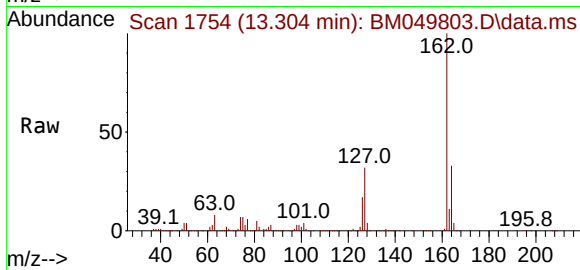




#47
2-Chloronaphthalene
Concen: 50.771 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

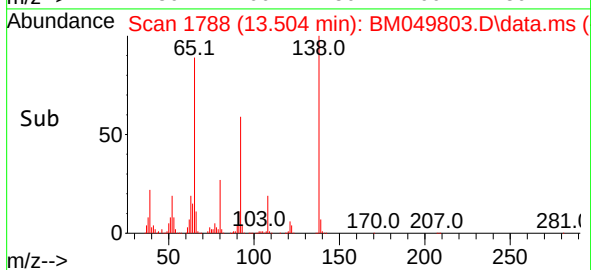
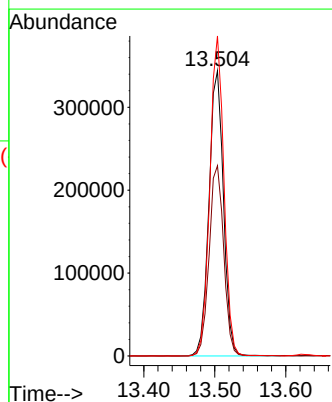
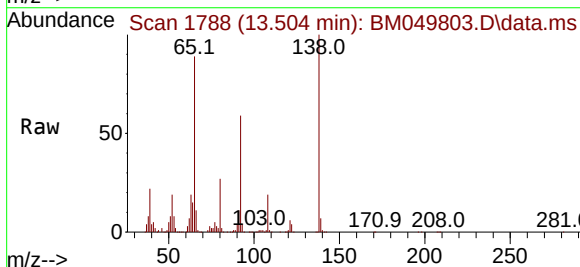
Instrument :
BNA_M
ClientSampleId :
PB167428BS

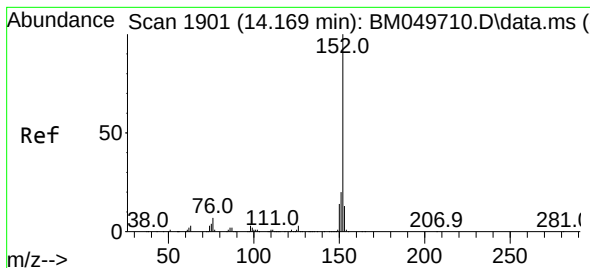
Tgt Ion:162 Resp: 1899072
Ion Ratio Lower Upper
162 100
127 32.2 25.8 38.6
164 33.3 27.1 40.7



#48
2-Nitroaniline
Concen: 58.273 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion: 65 Resp: 489308
Ion Ratio Lower Upper
65 100
92 66.7 53.4 80.2
138 112.2 87.6 131.4





#49

Acenaphthylene

Concen: 57.675 ng

RT: 14.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

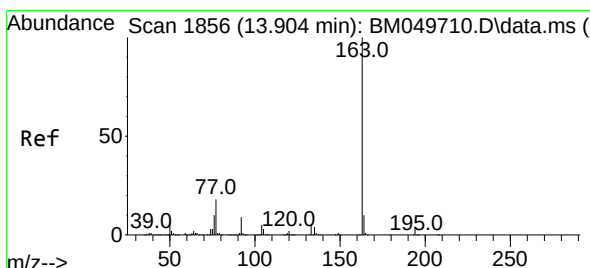
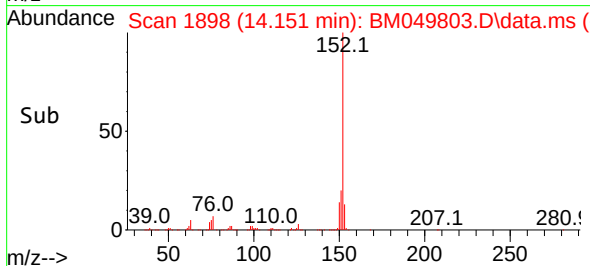
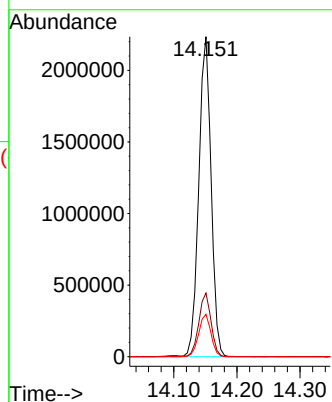
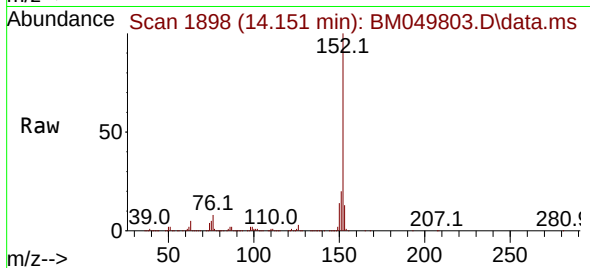
Tgt Ion:152 Resp: 3015452

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 54.741 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

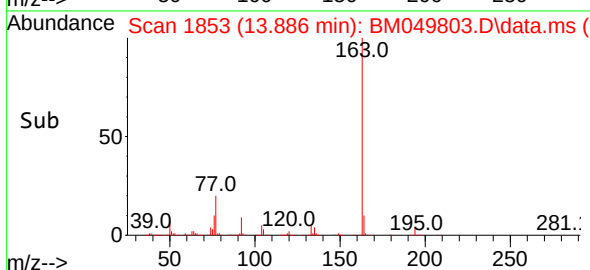
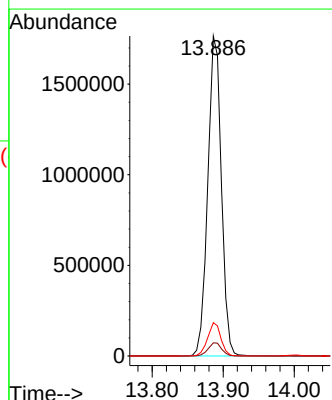
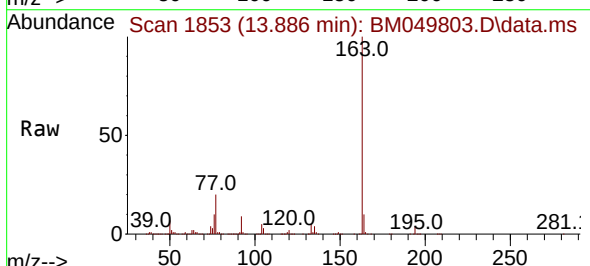
Tgt Ion:163 Resp: 2349961

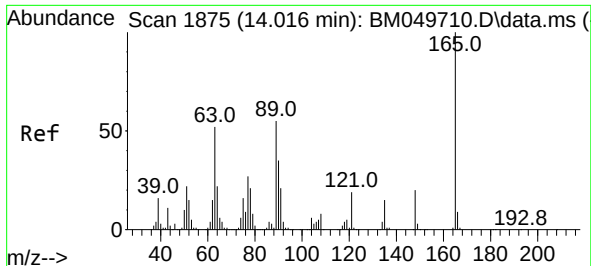
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.2 12.2

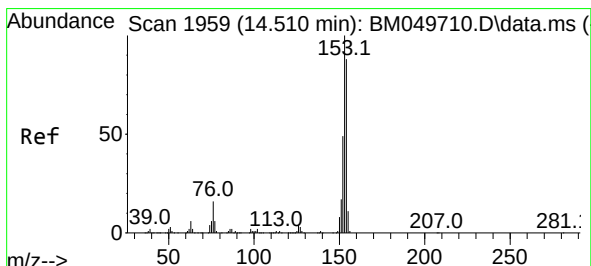
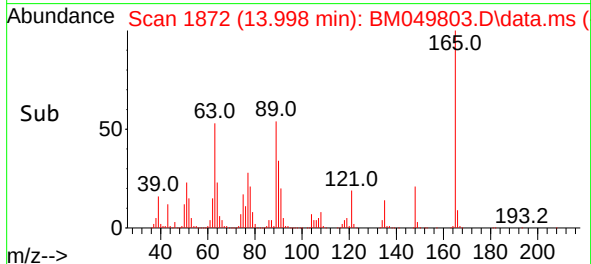
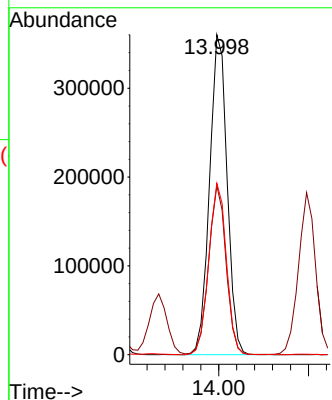
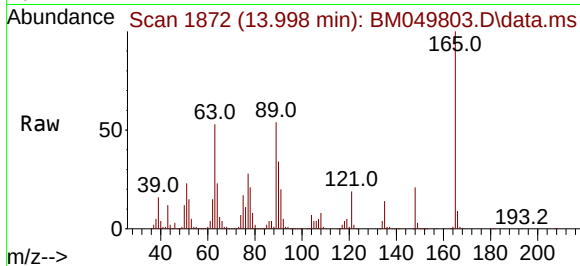




#51
2,6-Dinitrotoluene
Concen: 56.819 ng
RT: 13.998 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

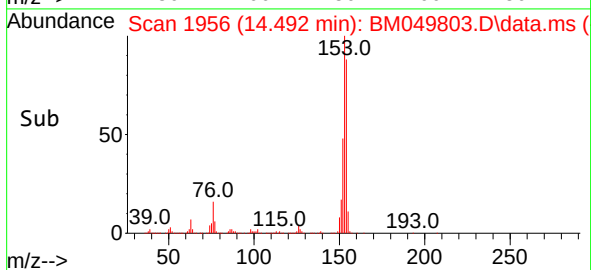
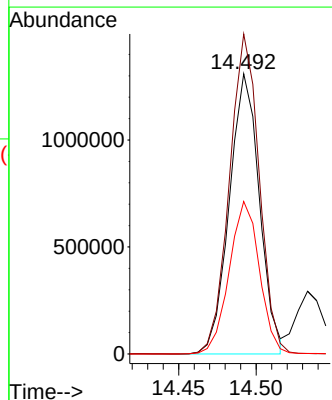
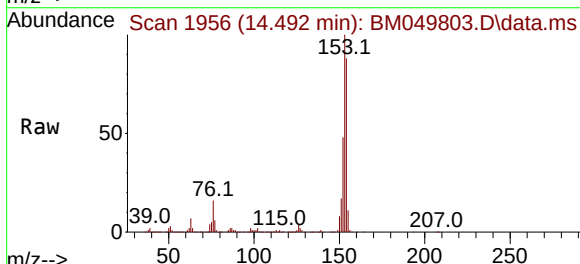
Instrument :
BNA_M
ClientSampleId :
PB167428BS

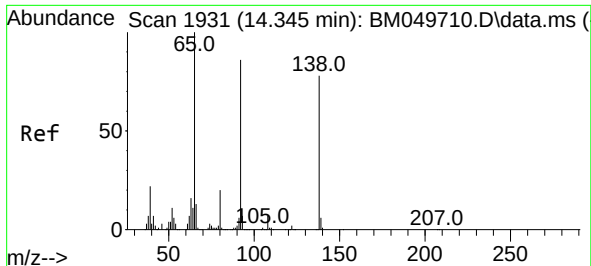
Tgt Ion:165 Resp: 488736
Ion Ratio Lower Upper
165 100
63 52.9 42.3 63.5
89 53.5 43.9 65.9



#52
Acenaphthene
Concen: 51.545 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:154 Resp: 1767723
Ion Ratio Lower Upper
154 100
153 114.2 90.4 135.6
152 54.4 44.2 66.2

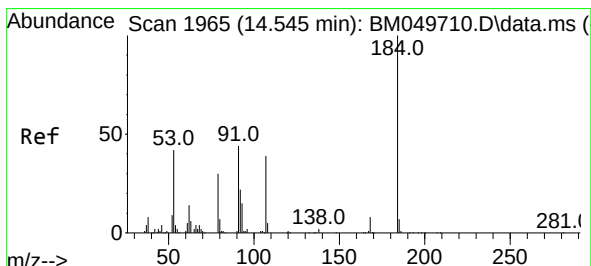
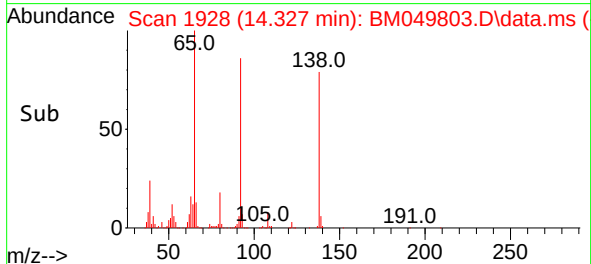
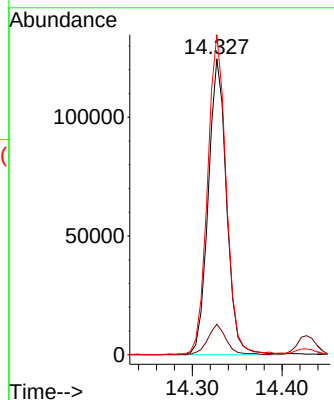
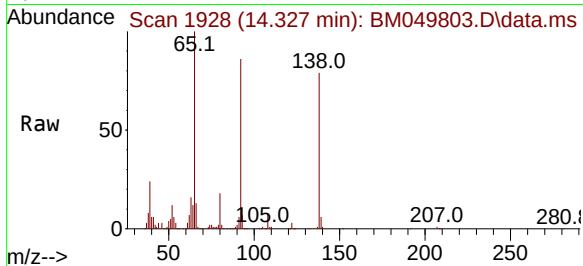




#53
3-Nitroaniline
Concen: 21.502 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

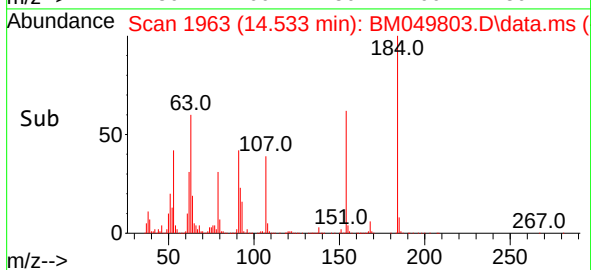
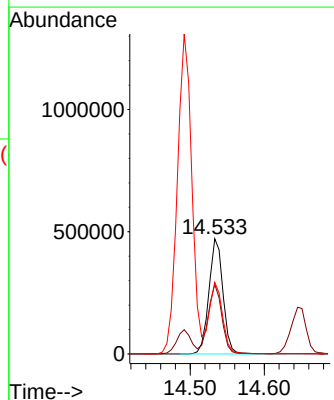
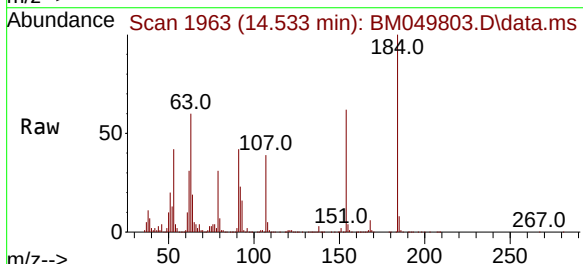
Instrument :
BNA_M
ClientSampleId :
PB167428BS

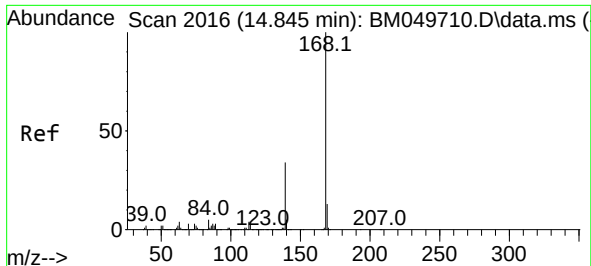
Tgt Ion:138 Resp: 176002
Ion Ratio Lower Upper
138 100
108 10.3 7.5 11.3
92 108.2 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 101.941 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:184 Resp: 620766
Ion Ratio Lower Upper
184 100
63 60.4 47.2 70.8
154 62.2 49.9 74.9

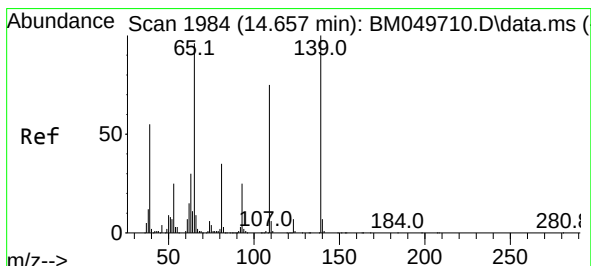
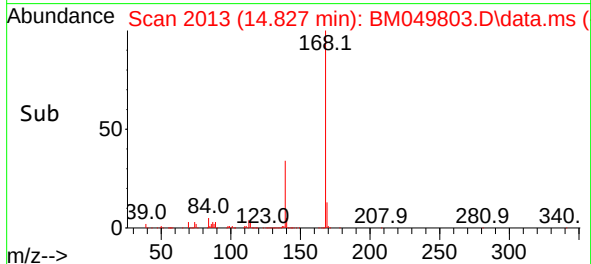
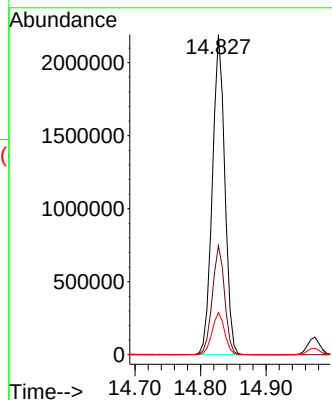
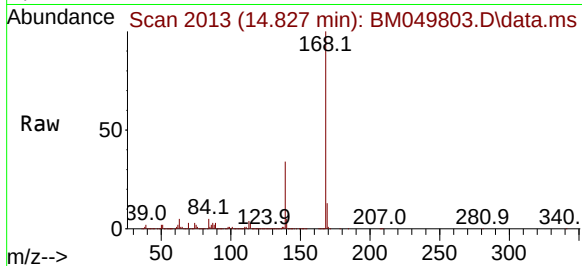




#55
Dibenzenofuran
Concen: 50.554 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

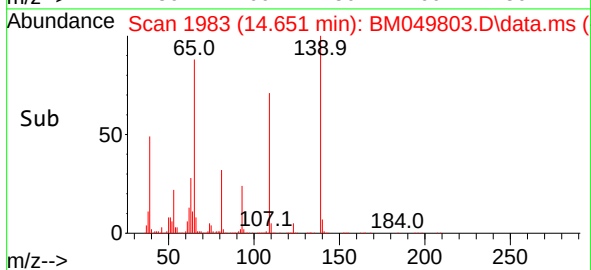
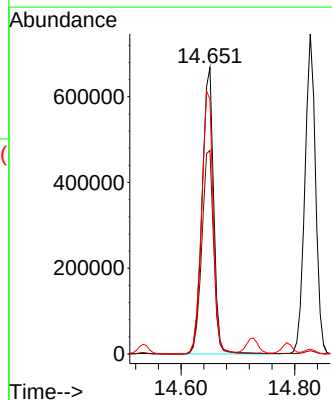
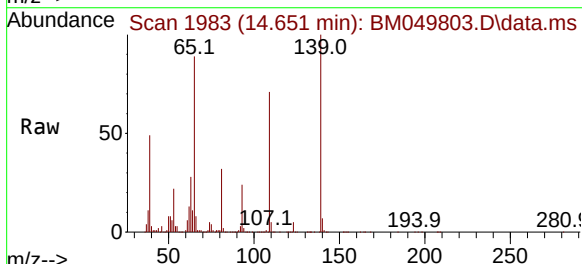
Instrument :
BNA_M
ClientSampleId :
PB167428BS

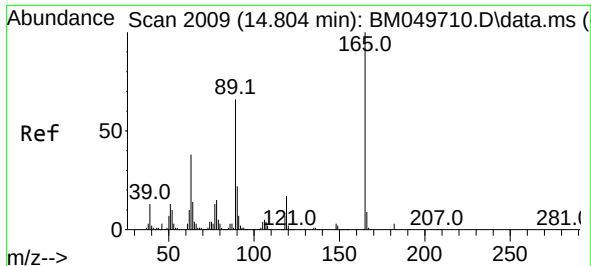
Tgt Ion:168 Resp: 2888941
Ion Ratio Lower Upper
168 100
139 34.1 27.4 41.0
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 131.954 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:139 Resp: 940175
Ion Ratio Lower Upper
139 100
109 71.1 54.7 94.7
65 88.8 76.2 116.2

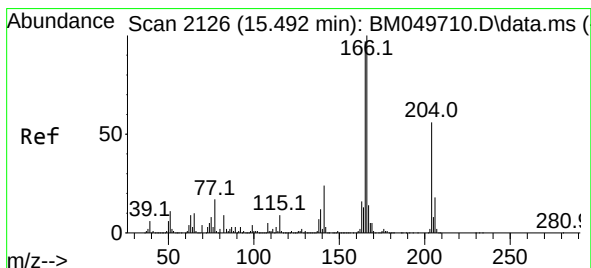
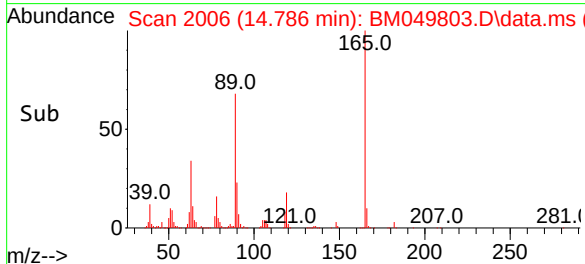
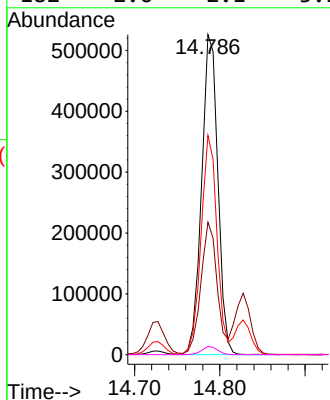
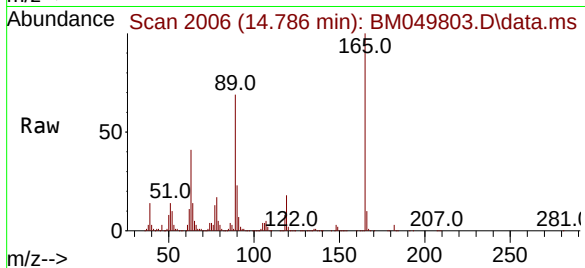




#57
2,4-Dinitrotoluene
Concen: 62.874 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

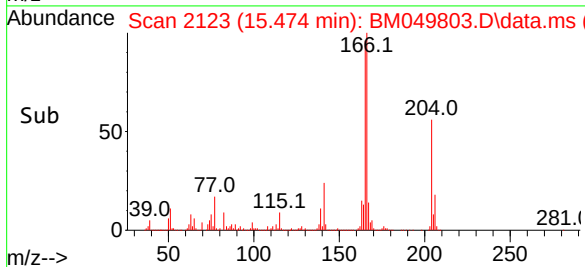
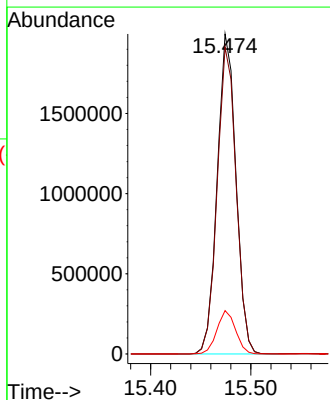
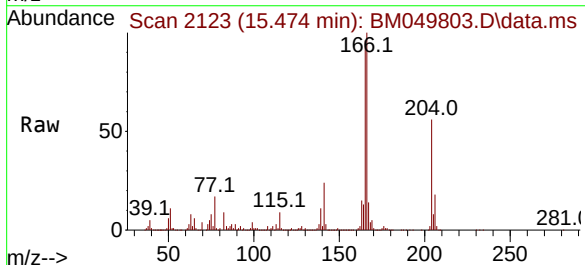
Instrument :
BNA_M
ClientSampleId :
PB167428BS

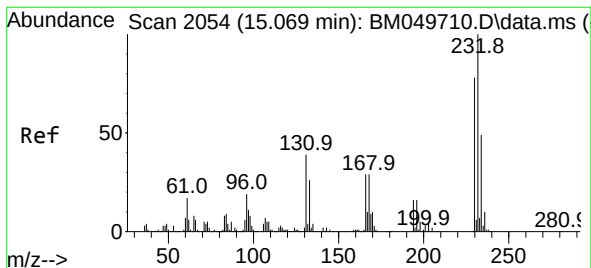
Tgt Ion:165 Resp: 695911
Ion Ratio Lower Upper
165 100
63 41.4 30.8 46.2
89 68.5 53.1 79.7
182 2.6 2.1 3.1



#58
Fluorene
Concen: 55.645 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

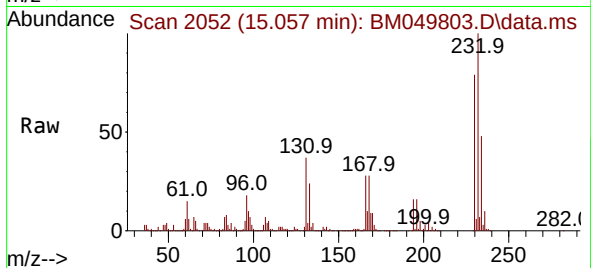
Tgt Ion:166 Resp: 2588964
Ion Ratio Lower Upper
166 100
165 95.8 77.5 116.3
167 13.6 10.9 16.3



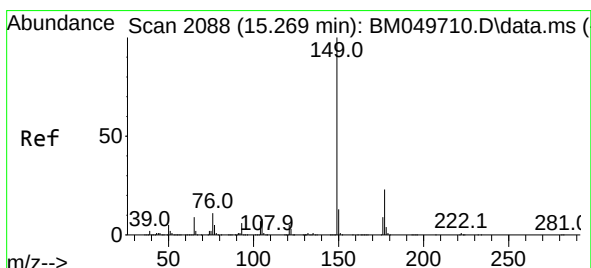
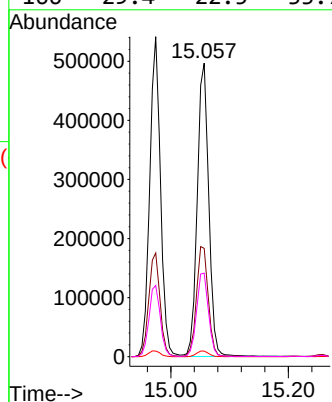
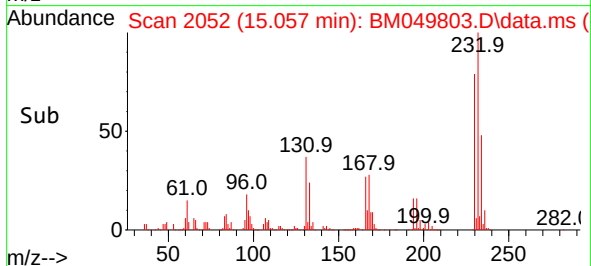


#59
2,3,4,6-Tetrachlorophenol
Concen: 57.530 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

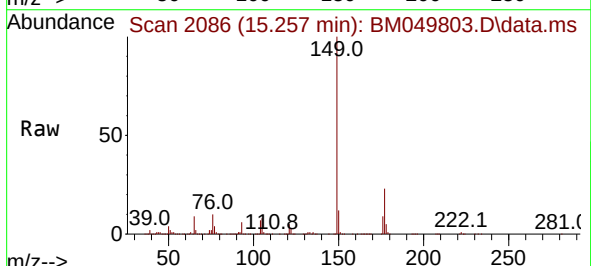
Instrument :
BNA_M
ClientSampleId :
PB167428BS



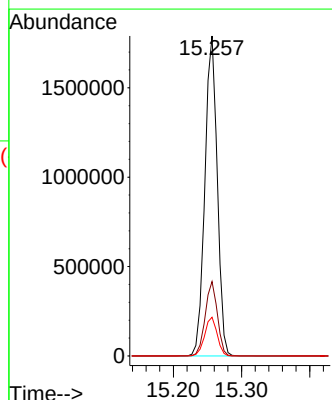
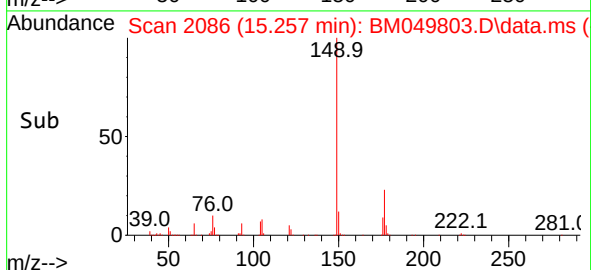
Tgt Ion:232 Resp: 674082
Ion Ratio Lower Upper
232 100
131 38.4 30.0 45.0
130 2.1 1.6 2.4
166 29.4 22.5 33.7

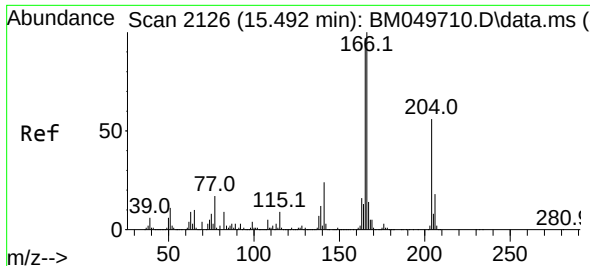


#60
Diethylphthalate
Concen: 55.815 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14



Tgt Ion:149 Resp: 2256697
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.2
150 12.1 10.0 15.0

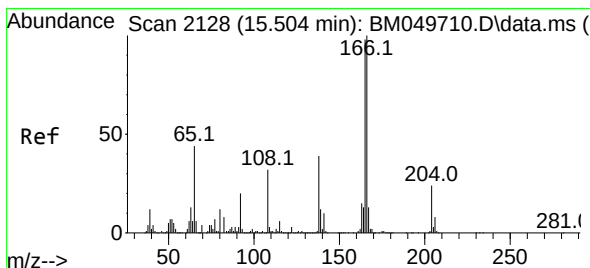
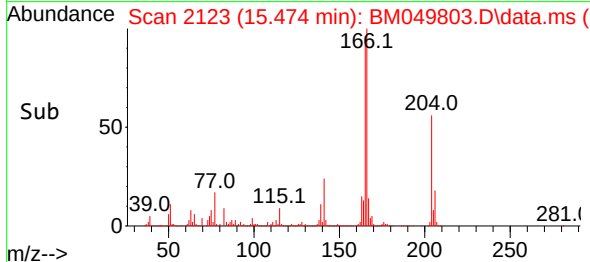
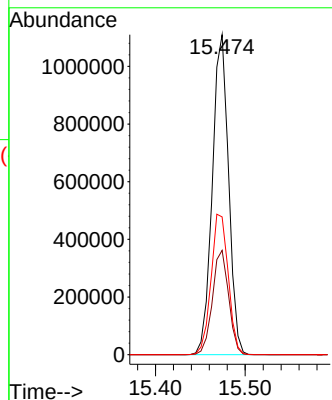
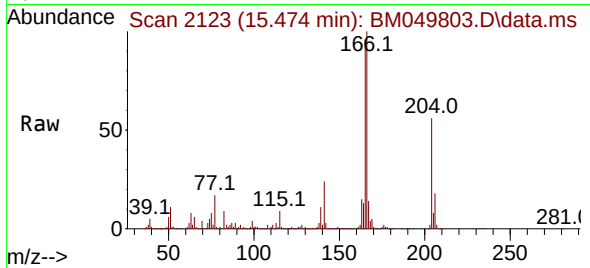




#61
4-Chlorophenyl-phenylether
Concen: 54.957 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

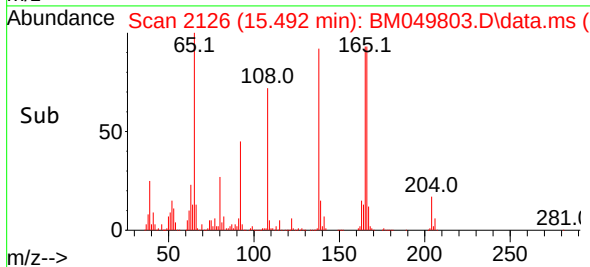
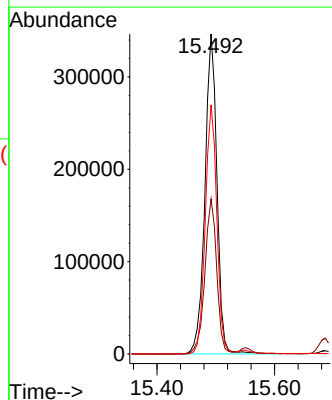
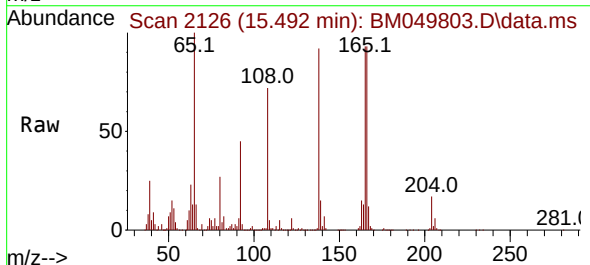
Instrument :
BNA_M
ClientSampleId :
PB167428BS

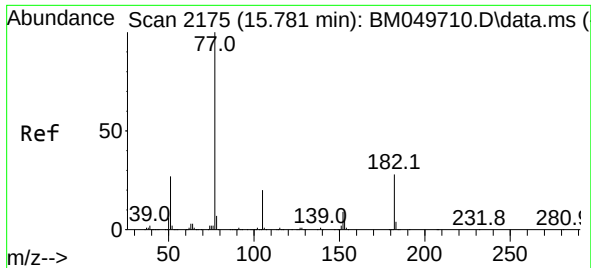
Tgt Ion:204 Resp: 1396277
Ion Ratio Lower Upper
204 100
206 32.6 25.2 37.8
141 43.1 34.5 51.7



#62
4-Nitroaniline
Concen: 50.614 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:138 Resp: 495088
Ion Ratio Lower Upper
138 100
92 48.4 29.8 69.8
108 77.9 61.3 101.3

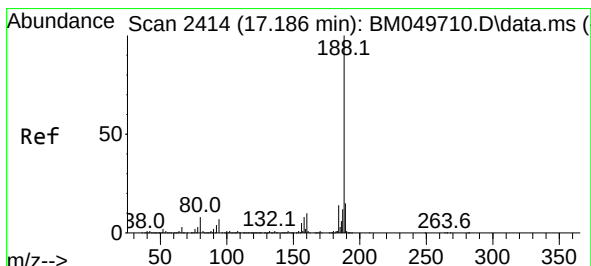
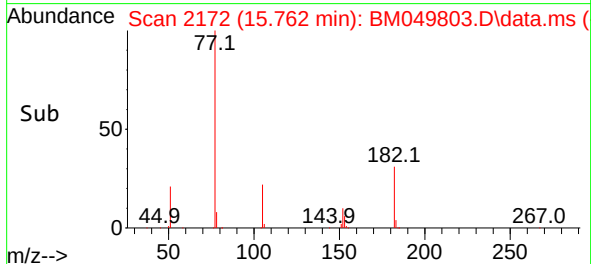
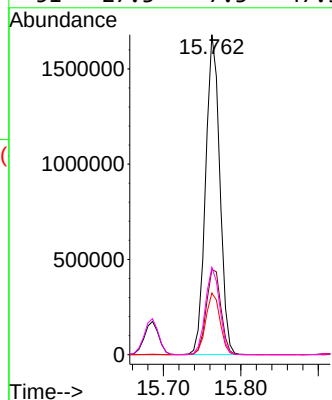
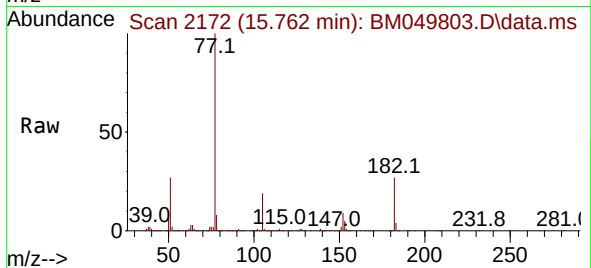




#63
Azobenzene
Concen: 55.257 ng
RT: 15.762 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

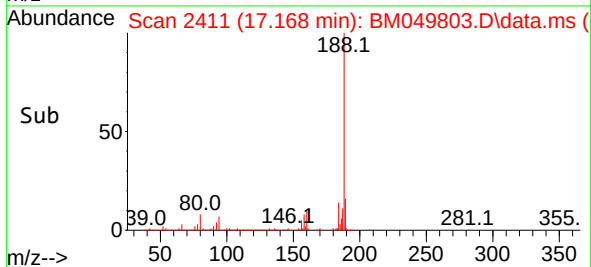
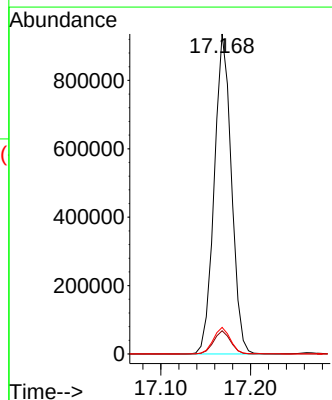
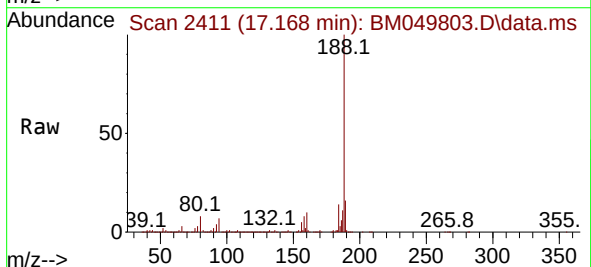
Instrument :
BNA_M
ClientSampleId :
PB167428BS

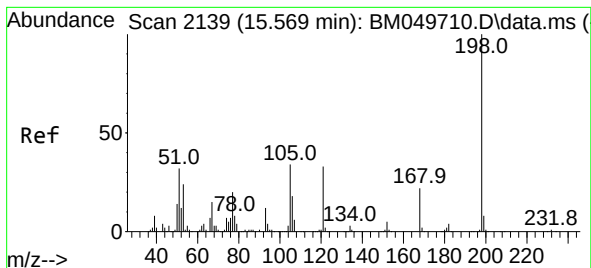
Tgt Ion: 77 Resp: 2133961
Ion Ratio Lower Upper
77 100
182 26.6 8.0 48.0
105 19.3 0.0 40.0
51 27.3 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:188 Resp: 1241970
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.3 6.3 9.5

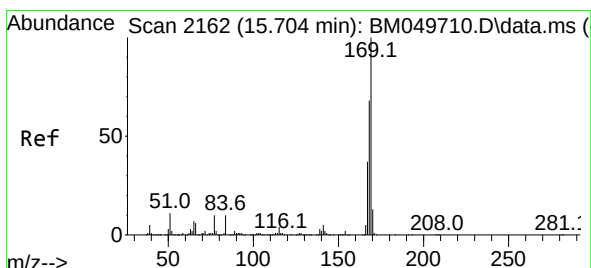
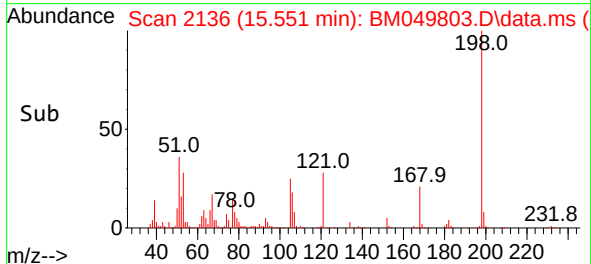
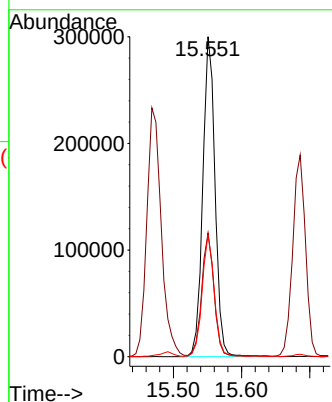
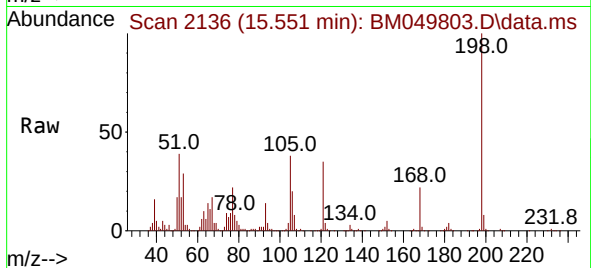




#65
4,6-Dinitro-2-methylphenol
Concen: 53.856 ng
RT: 15.551 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

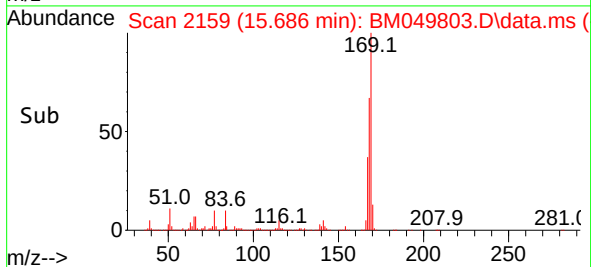
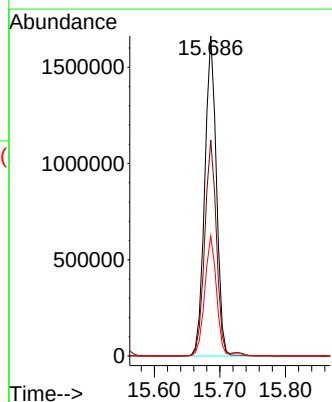
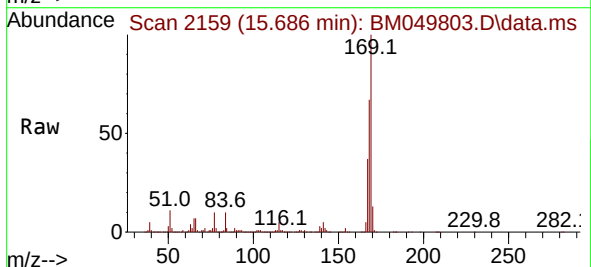
Instrument :
BNA_M
ClientSampleId :
PB167428BS

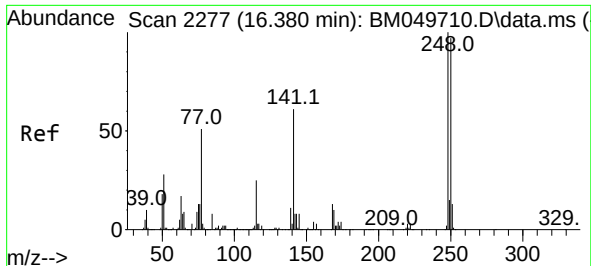
Tgt Ion:198 Resp: 375882
Ion Ratio Lower Upper
198 100
51 38.7 13.8 53.8
105 38.1 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 54.646 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:169 Resp: 2056296
Ion Ratio Lower Upper
169 100
168 67.4 54.8 82.2
167 37.5 29.9 44.9

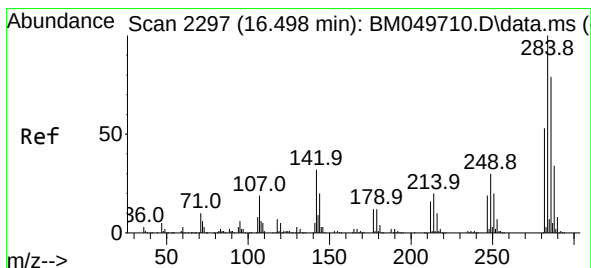
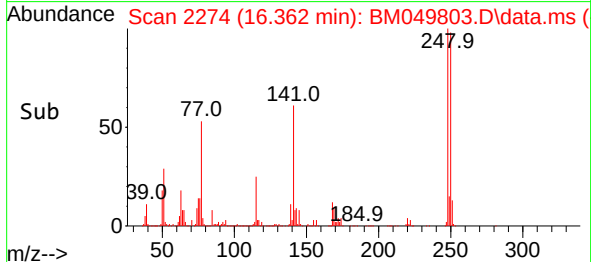
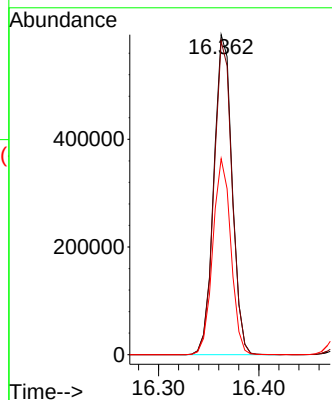
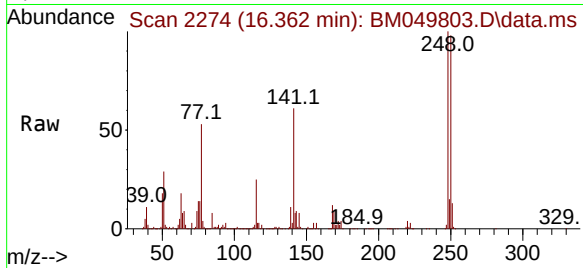




#67
4-Bromophenyl-phenylether
Concen: 52.416 ng
RT: 16.362 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

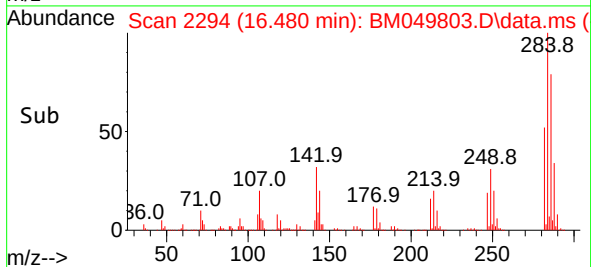
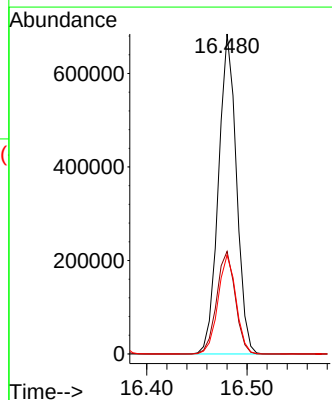
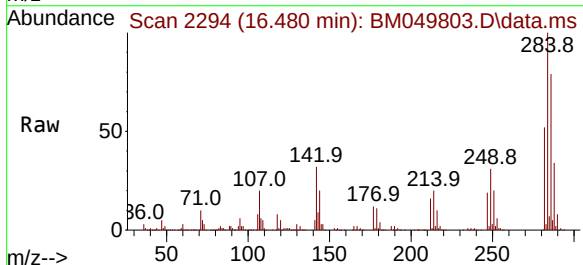
Instrument :
BNA_M
ClientSampleId :
PB167428BS

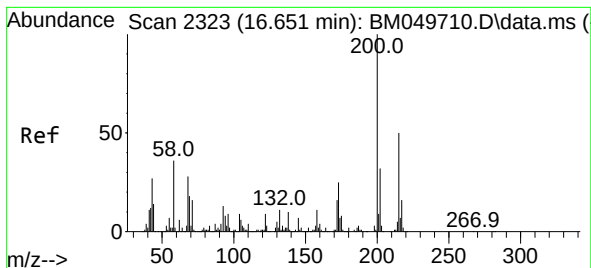
Tgt Ion:248 Resp: 751615
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 61.2 48.6 73.0



#68
Hexachlorobenzene
Concen: 52.826 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:284 Resp: 851821
Ion Ratio Lower Upper
284 100
142 32.0 25.5 38.3
249 30.9 24.2 36.2





#69

Atrazine

Concen: 87.298 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

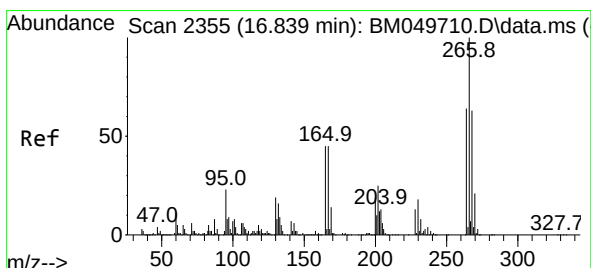
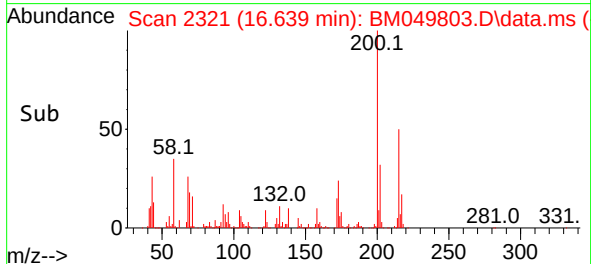
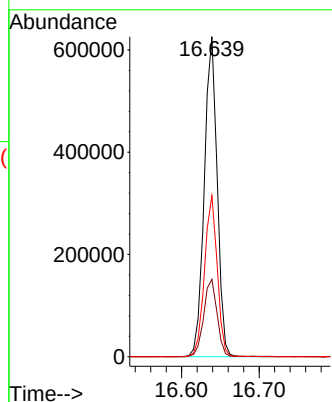
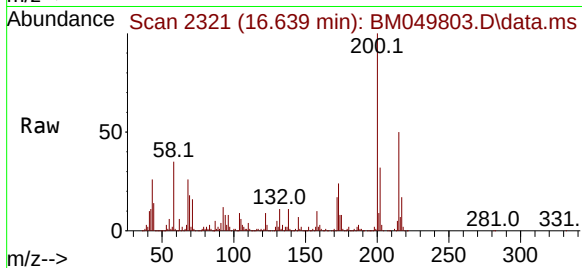
Tgt Ion:200 Resp: 723953

Ion Ratio Lower Upper

200 100

173 24.2 5.4 45.4

215 50.3 29.8 69.8



#70

Pentachlorophenol

Concen: 128.251 ng

RT: 16.821 min Scan# 2352

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

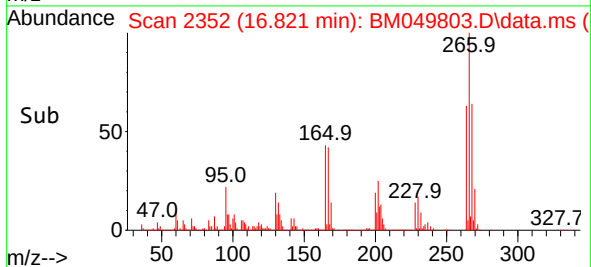
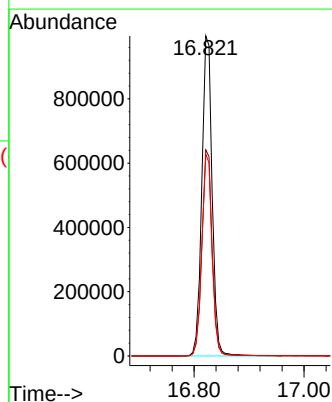
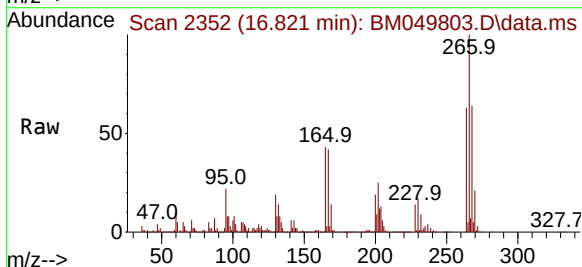
Tgt Ion:266 Resp: 1299614

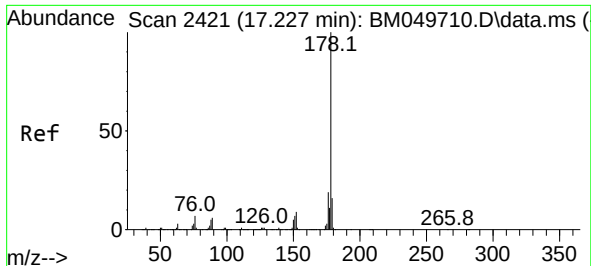
Ion Ratio Lower Upper

266 100

268 64.4 50.2 75.2

264 63.1 51.3 76.9

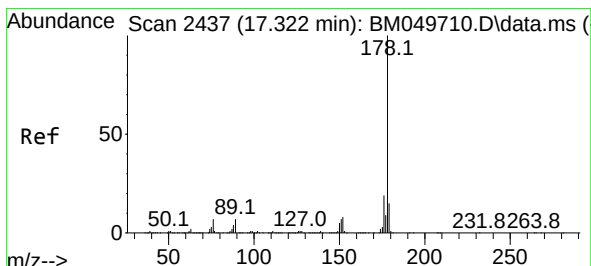
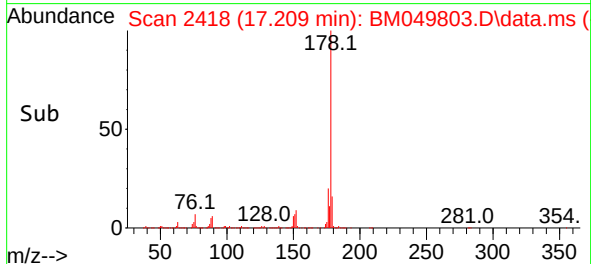
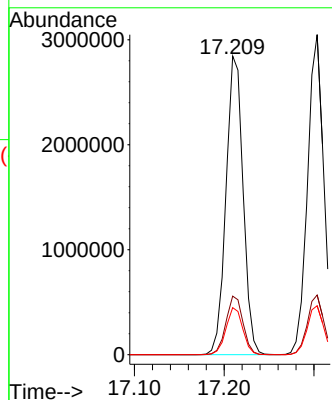
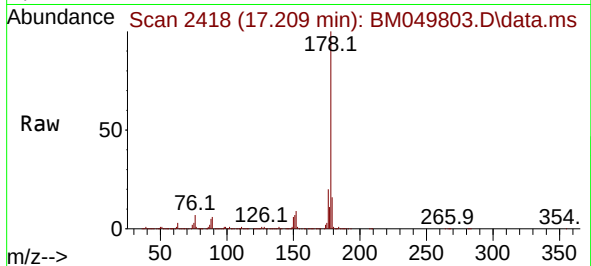




#71
Phenanthrene
Concen: 54.597 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

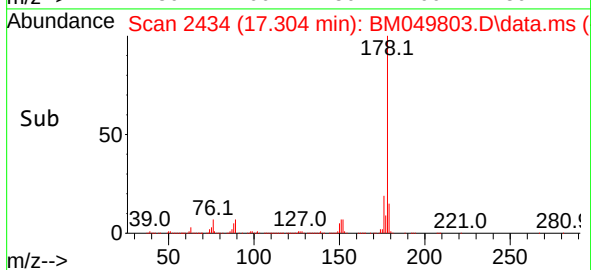
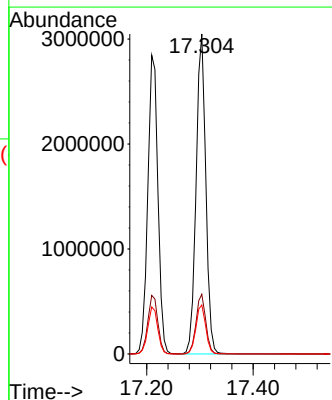
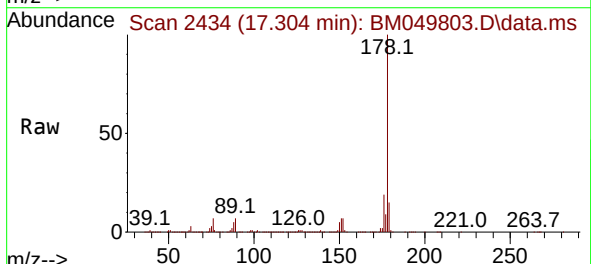
Instrument :
BNA_M
ClientSampleId :
PB167428BS

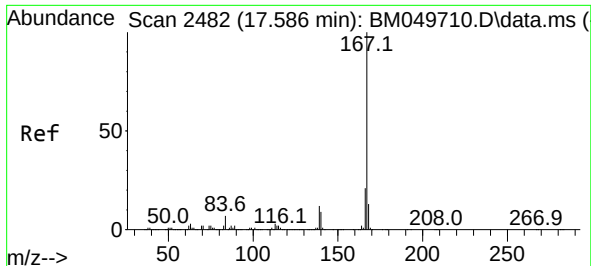
Tgt Ion:178 Resp: 3765179
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 57.750 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:178 Resp: 3857024
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.3 12.4 18.6

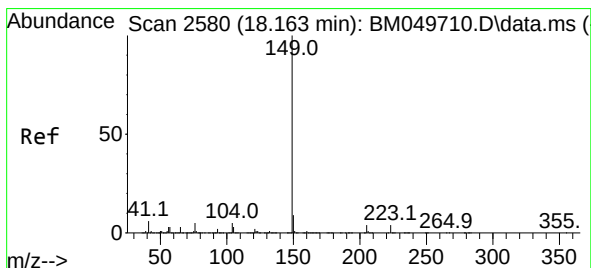
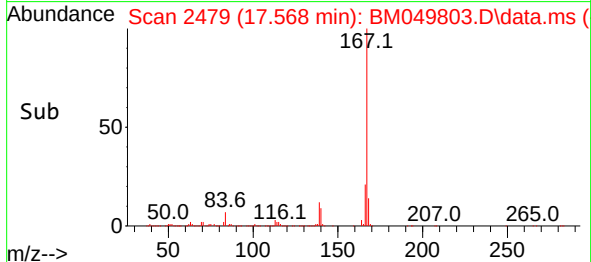
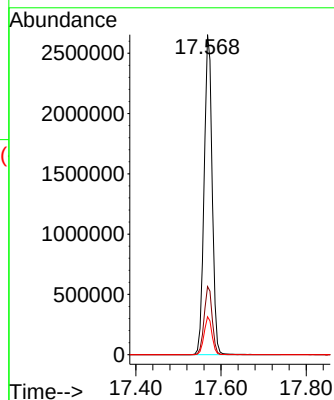
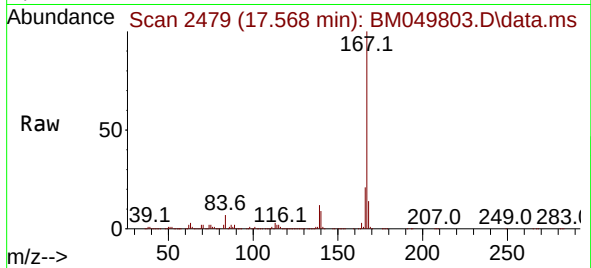




#73
 Carbazole
 Concen: 57.155 ng
 RT: 17.568 min Scan# 24
 Delta R.T. -0.018 min
 Lab File: BM049803.D
 Acq: 03 Apr 2025 13:14

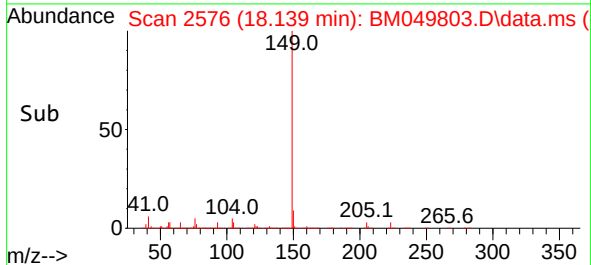
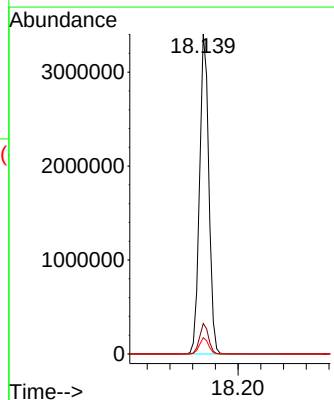
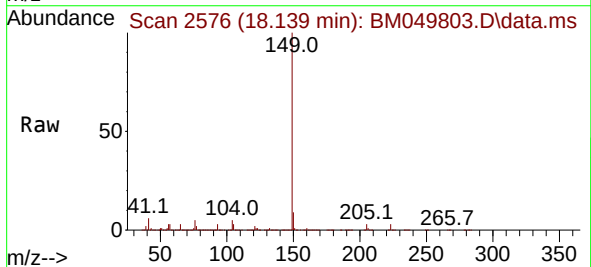
Instrument :
 BNA_M
 ClientSampleId :
 PB167428BS

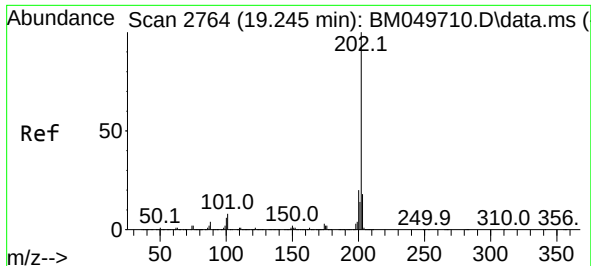
Tgt Ion:167 Resp: 3457056
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 11.8 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 58.448 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.024 min
 Lab File: BM049803.D
 Acq: 03 Apr 2025 13:14

Tgt Ion:149 Resp: 3874785
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 5.1 3.9 5.9

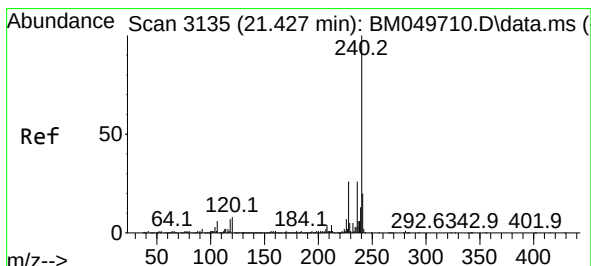
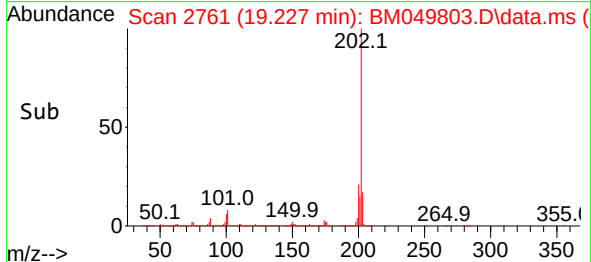
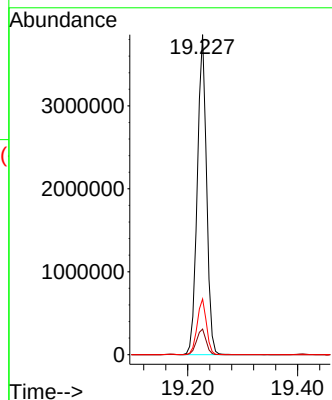
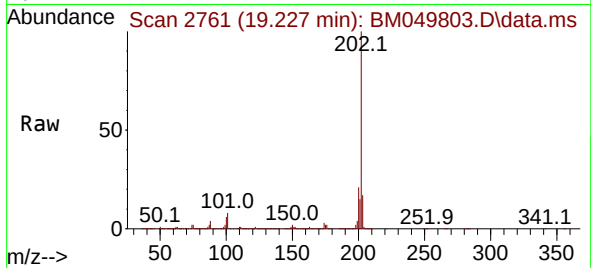




#75
Fluoranthene
Concen: 56.642 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

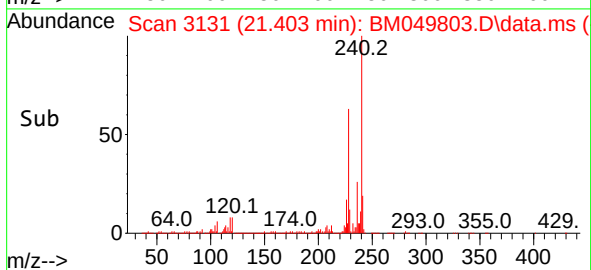
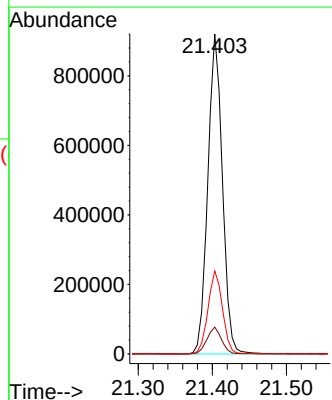
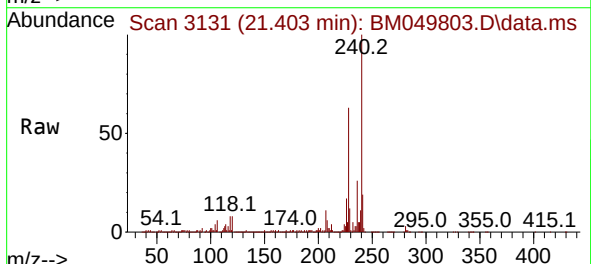
Instrument :
BNA_M
ClientSampleId :
PB167428BS

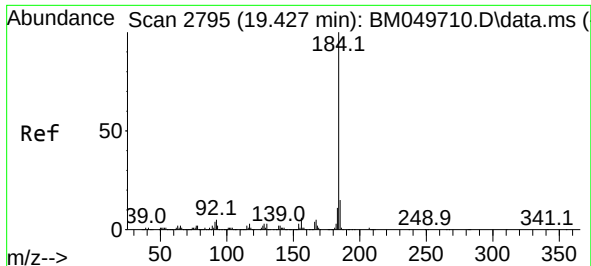
Tgt Ion:202 Resp: 4497197
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.8
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:240 Resp: 1257639
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 26.0 20.7 31.1

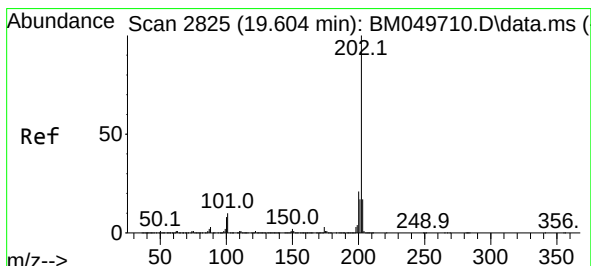
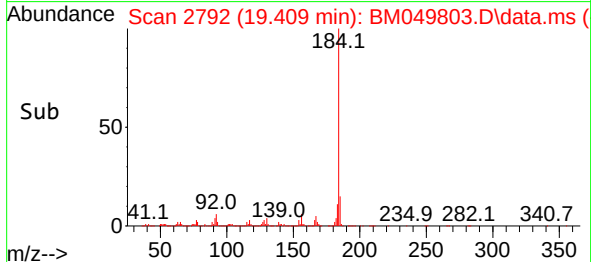
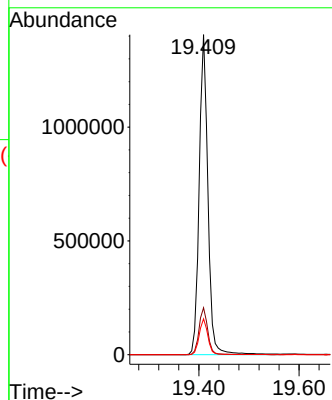
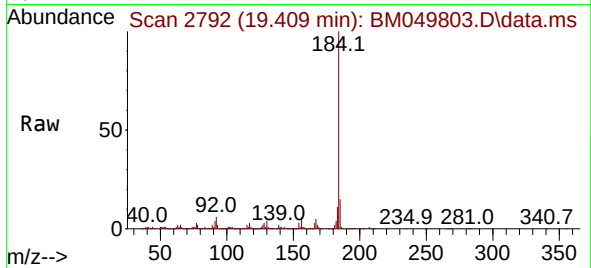




#77
Benzidine
Concen: 112.039 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

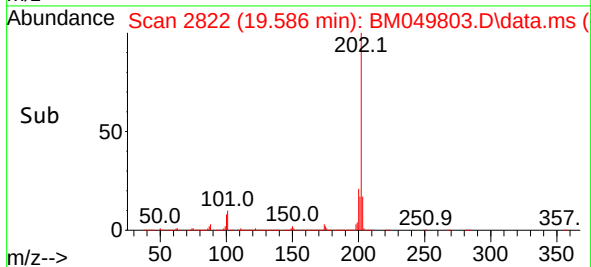
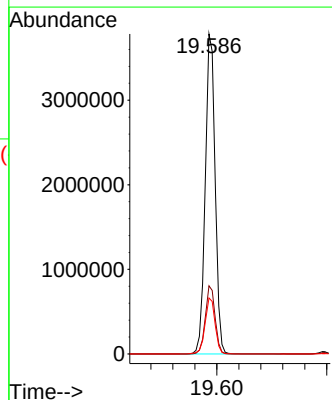
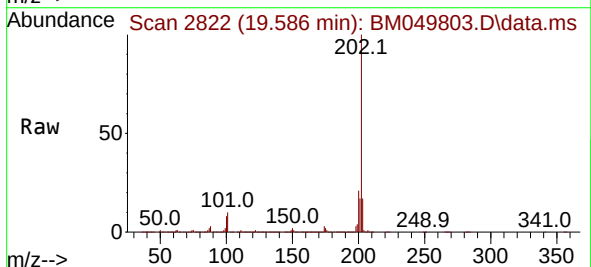
Instrument :
BNA_M
ClientSampleId :
PB167428BS

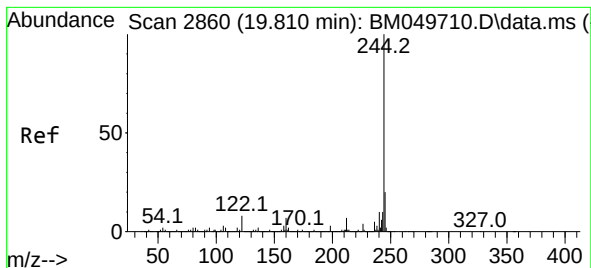
Tgt Ion:184 Resp: 1692828
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 53.580 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.018 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:202 Resp: 4707859
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 118.719 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

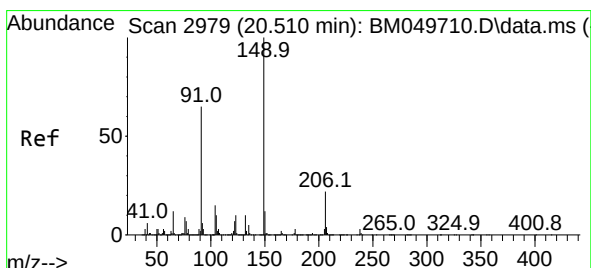
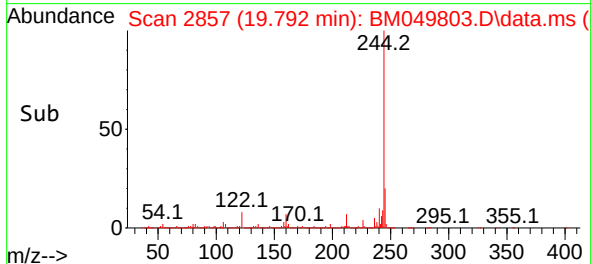
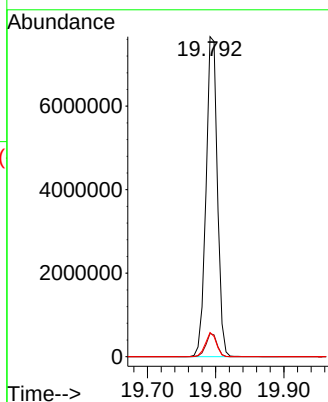
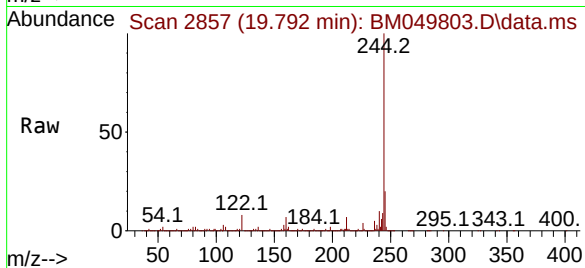
Tgt Ion:244 Resp: 8860250

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 7.5 6.0 9.0



#80

Butylbenzylphthalate

Concen: 60.013 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

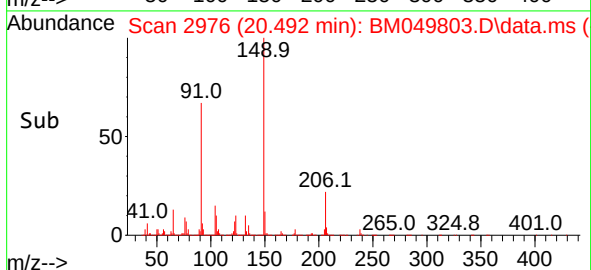
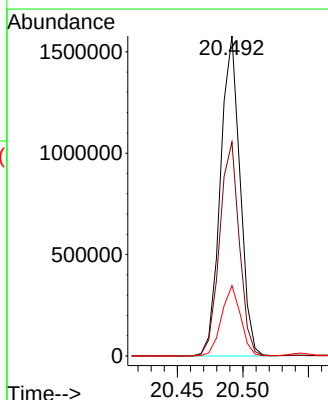
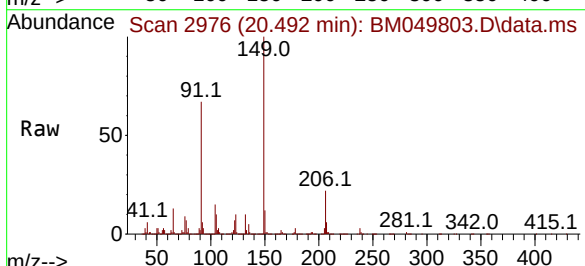
Tgt Ion:149 Resp: 1636444

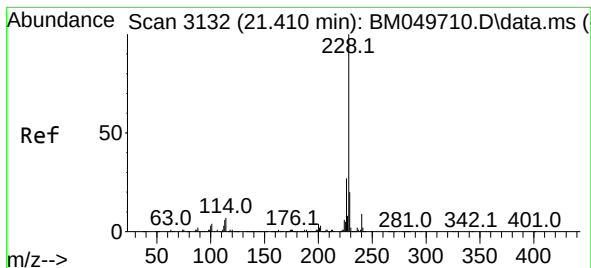
Ion Ratio Lower Upper

149 100

91 66.9 52.2 78.4

206 22.0 17.6 26.4





#81

Benzo(a)anthracene

Concen: 55.636 ng

RT: 21.386 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

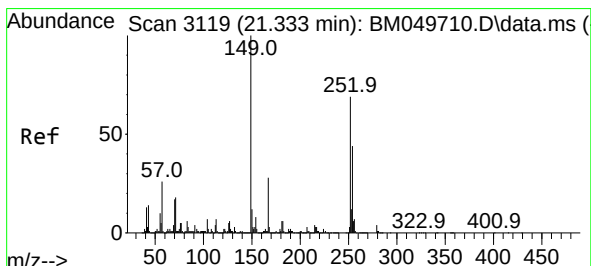
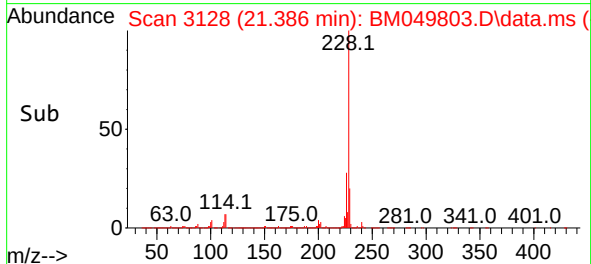
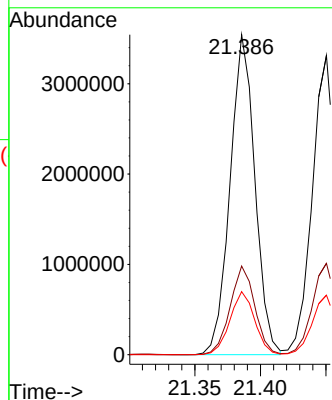
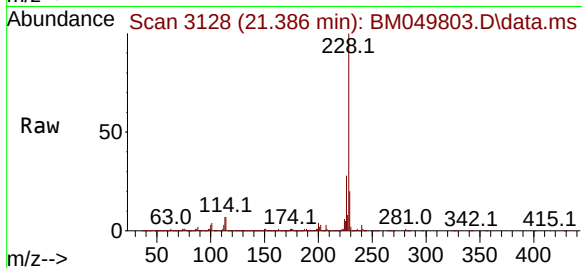
Tgt Ion:228 Resp: 4673527

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 23.642 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

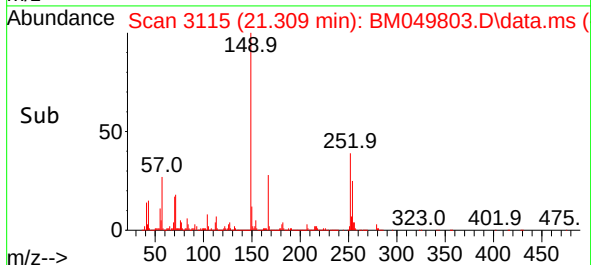
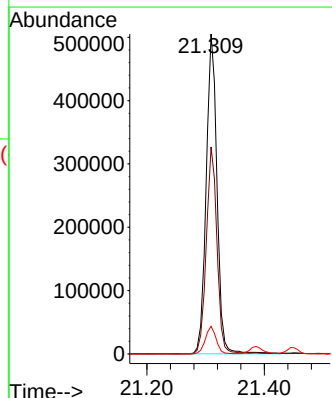
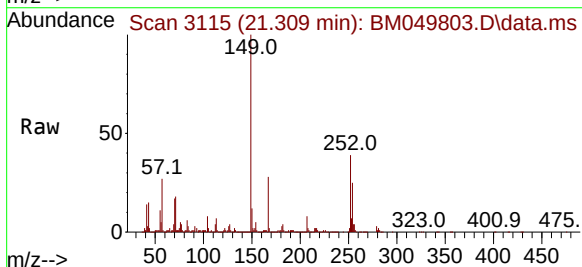
Tgt Ion:252 Resp: 646575

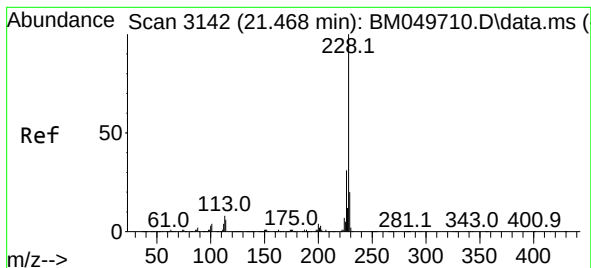
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.4

126 8.7 6.3 9.5





#83

Chrysene

Concen: 53.882 ng

RT: 21.450 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

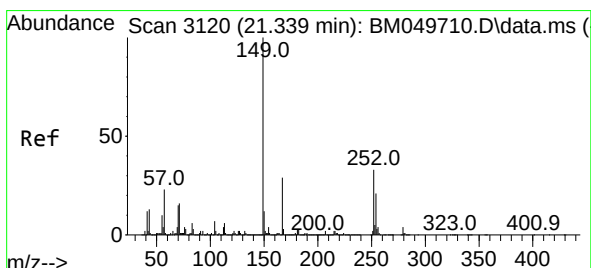
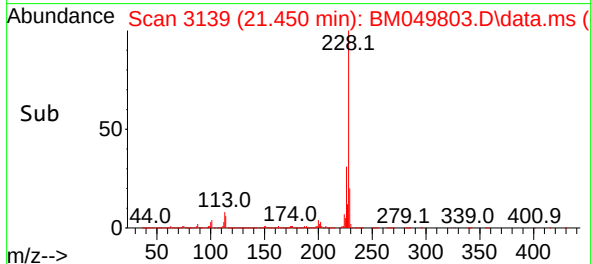
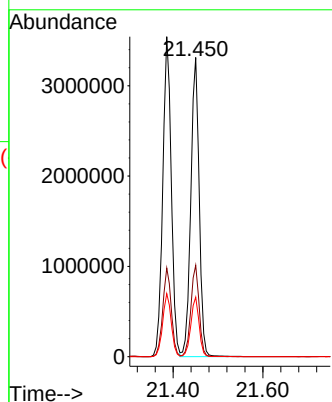
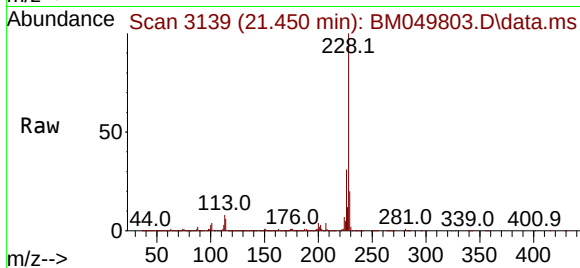
Tgt Ion:228 Resp: 4290583

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.926 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

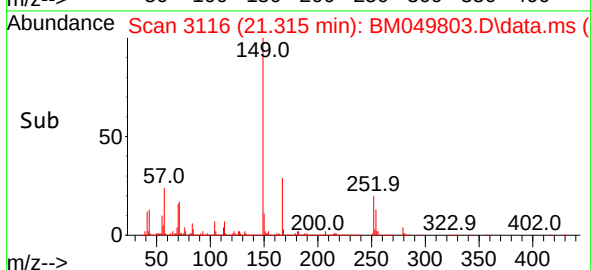
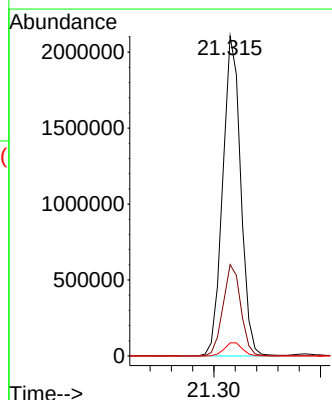
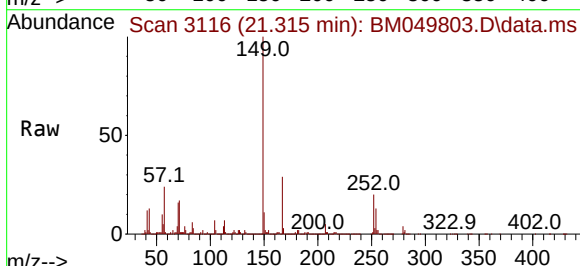
Tgt Ion:149 Resp: 2461661

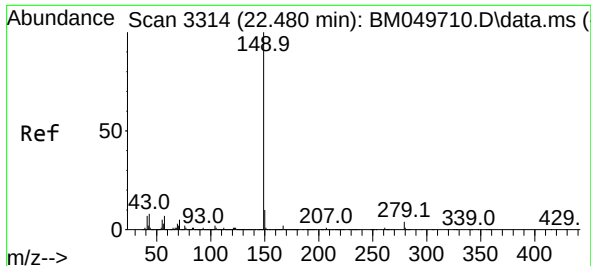
Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 4.1 3.5 5.3

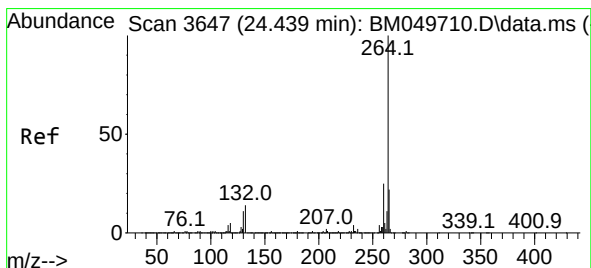
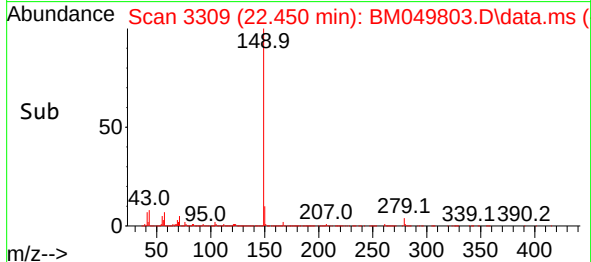
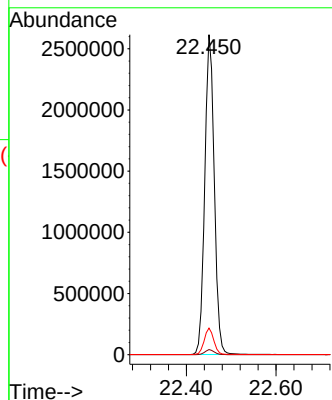
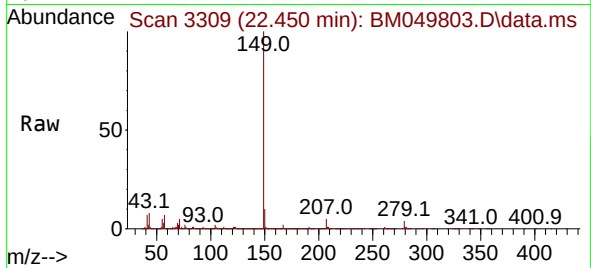




#85
Di-n-octyl phthalate
Concen: 58.120 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

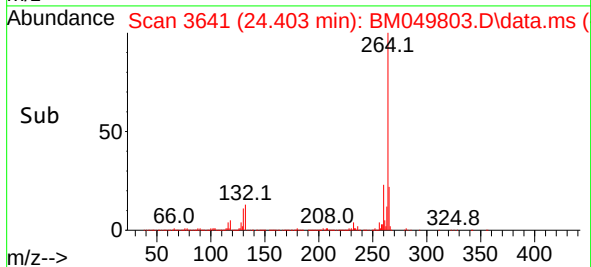
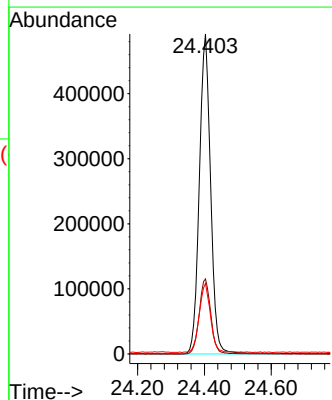
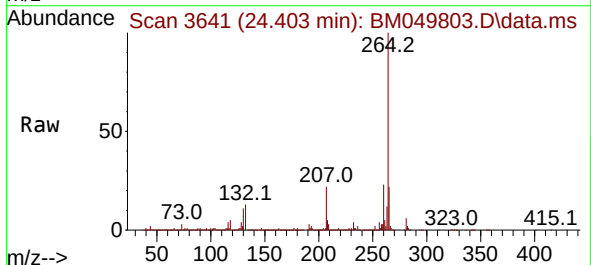
Instrument :
BNA_M
ClientSampleId :
PB167428BS

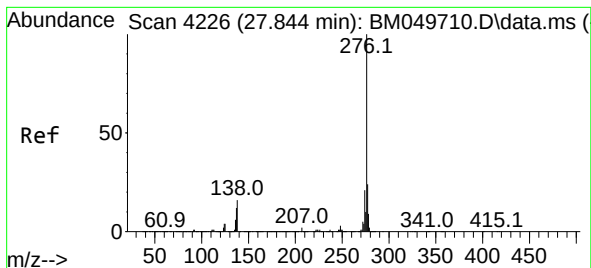
Tgt Ion:149 Resp: 3838840
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.3 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.036 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:264 Resp: 1147667
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 22.1 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.185 ng

RT: 27.791 min Scan# 41

Delta R.T. -0.053 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

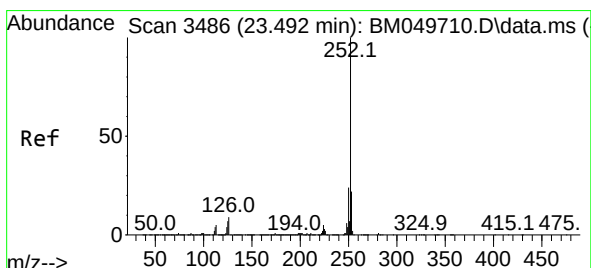
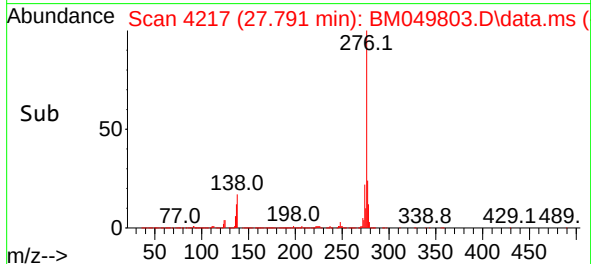
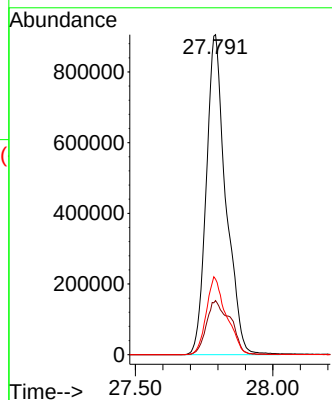
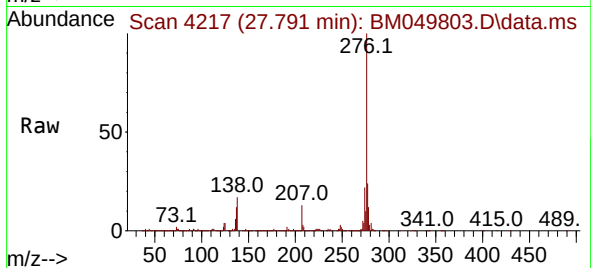
Tgt Ion:276 Resp: 4475907

Ion Ratio Lower Upper

276 100

138 20.7 16.3 24.5

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 53.516 ng

RT: 23.456 min Scan# 3480

Delta R.T. -0.036 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

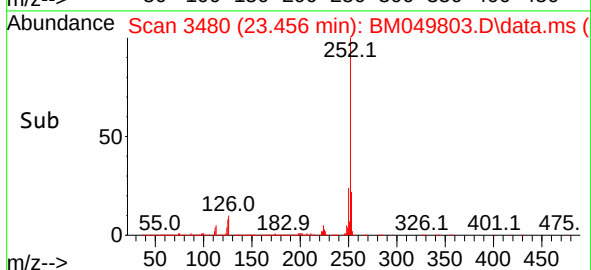
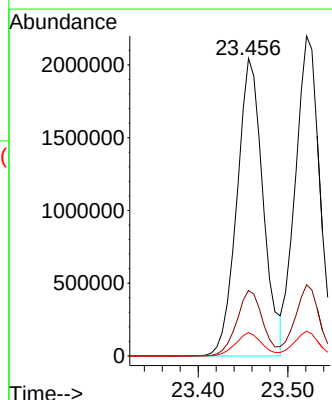
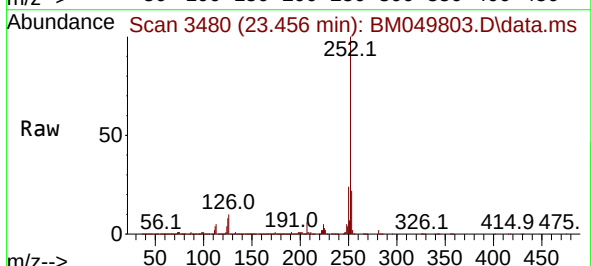
Tgt Ion:252 Resp: 4136749

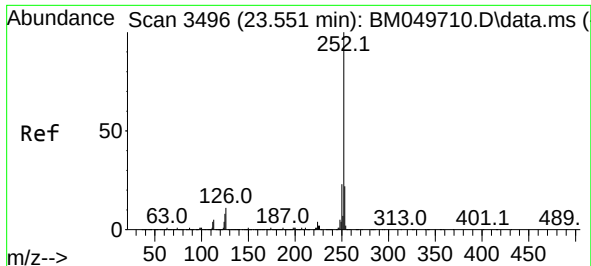
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 7.8 5.9 8.9

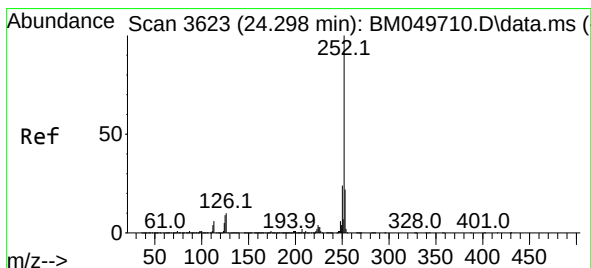
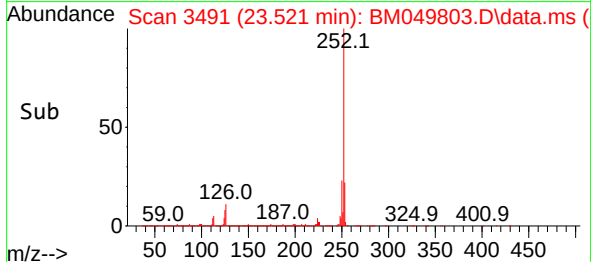
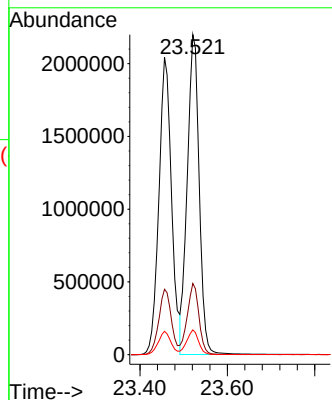
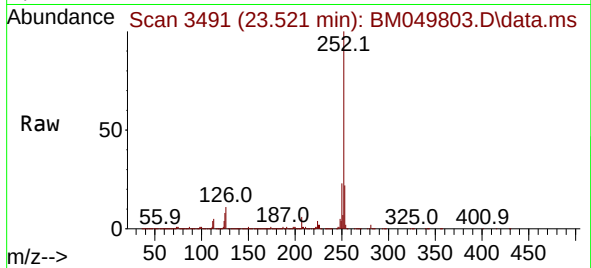




#89
Benzo(k)fluoranthene
Concen: 54.618 ng
RT: 23.521 min Scan# 34
Delta R.T. -0.030 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

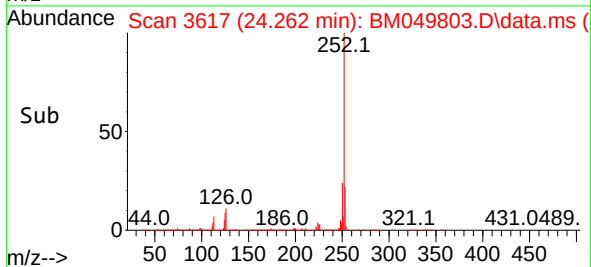
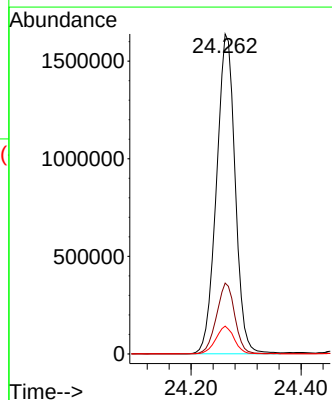
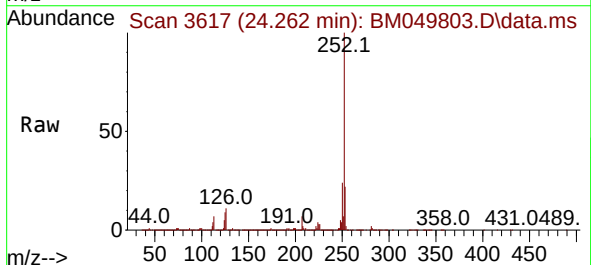
Instrument :
BNA_M
ClientSampleId :
PB167428BS

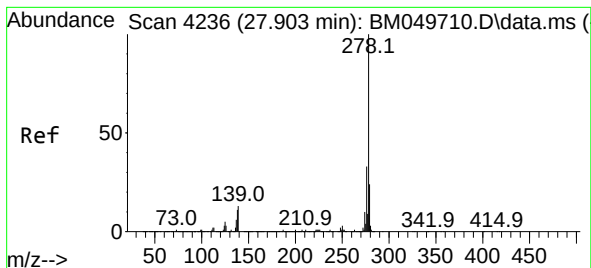
Tgt Ion:252 Resp: 4154310
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 7.7 6.2 9.2



#90
Benzo(a)pyrene
Concen: 59.519 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.036 min
Lab File: BM049803.D
Acq: 03 Apr 2025 13:14

Tgt Ion:252 Resp: 3864493
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.7 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 53.784 ng

RT: 27.844 min Scan# 41

Delta R.T. -0.059 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Instrument :

BNA_M

ClientSampleId :

PB167428BS

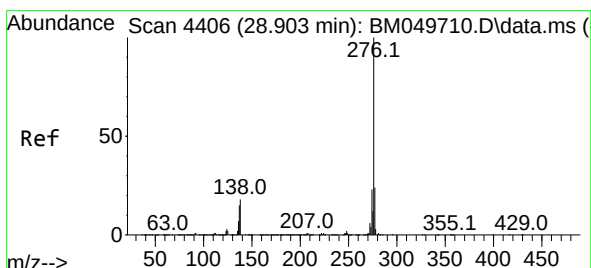
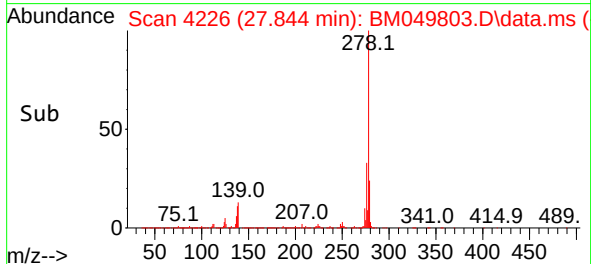
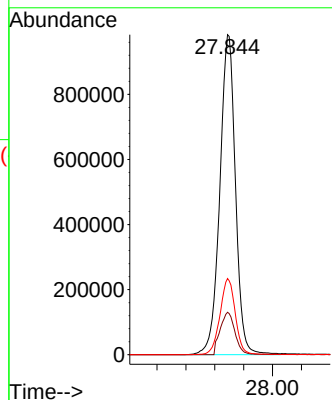
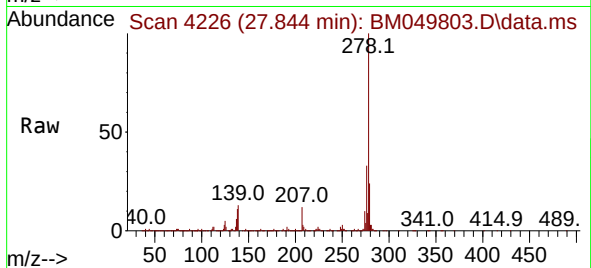
Tgt Ion:278 Resp: 3701537

Ion Ratio Lower Upper

278 100

139 13.2 10.1 15.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.339 ng

RT: 28.844 min Scan# 4396

Delta R.T. -0.059 min

Lab File: BM049803.D

Acq: 03 Apr 2025 13:14

Tgt Ion:276 Resp: 3489633

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 17.6 14.0 21.0

