

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049786.D
 Acq On : 02 Apr 2025 12:04
 Operator : RC/JU
 Sample : PB167406BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167406BS

Quant Time: Apr 02 13:02:06 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	7.792	152	413695	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1508303	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	946216	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1645965	20.000	ng	-0.01
76) Chrysene-d12	21.403	240	1157815	20.000	ng	-0.02
86) Perylene-d12	24.403	264	912546	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3964489	161.698	ng	-0.01
7) Phenol-d6	6.969	99	4949979	160.878	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2860973	97.386	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	2042968	184.901	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	7675139	101.585	ng	-0.01
79) Terphenyl-d14	19.797	244	9141373	133.047	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	386255	36.392	ng	98
3) Pyridine	3.675	79	1130082	41.691	ng	99
4) n-Nitrosodimethylamine	3.581	42	564879	47.099	ng	97
6) Aniline	7.122	93	934961	36.270	ng	99
8) 2-Chlorophenol	7.363	128	1297669	53.447	ng	100
9) Benzaldehyde	6.928	77	730668	48.036	ng	99
10) Phenol	6.998	94	1689764	56.638	ng	98
11) bis(2-Chloroethyl)ether	7.216	93	1247711	51.645	ng	98
12) 1,3-Dichlorobenzene	7.681	146	1459773	49.473	ng	99
13) 1,4-Dichlorobenzene	7.828	146	1487834	49.983	ng	99
14) 1,2-Dichlorobenzene	8.145	146	1431894	50.616	ng	99
15) Benzyl Alcohol	8.034	79	1055701	54.675	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1578970	55.607	ng	98
17) 2-Methylphenol	8.239	107	1052053	59.396	ng	100
18) Hexachloroethane	8.875	117	526436	50.080	ng	93
19) n-Nitroso-di-n-propyla...	8.604	70	1034353	57.975	ng	98
20) 3+4-Methylphenols	8.569	107	1407423	59.292	ng	98
22) Acetophenone	8.616	105	1951112	50.169	ng	# 99
24) Nitrobenzene	8.992	77	1388126	50.111	ng	100
25) Isophorone	9.522	82	2524026	55.958	ng	99
26) 2-Nitrophenol	9.704	139	623416	52.876	ng	98
27) 2,4-Dimethylphenol	9.769	122	1170263	77.979	ng	99
28) bis(2-Chloroethoxy)met...	10.004	93	1660325	52.263	ng	99
29) 2,4-Dichlorophenol	10.239	162	1311006	53.611	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	1508187	49.294	ng	99
31) Naphthalene	10.639	128	3776093	48.688	ng	99
32) Benzoic acid	9.928	122	654029	51.243	ng	99
33) 4-Chloroaniline	10.745	127	193237	7.301	ng	99
34) Hexachlorobutadiene	10.927	225	944621	50.012	ng	98
35) Caprolactam	11.539	113	233359	41.102	ng	97
36) 4-Chloro-3-methylphenol	11.880	107	1122590	53.492	ng	99
37) 2-Methylnaphthalene	12.251	142	2520099	46.469	ng	99
38) 1-Methylnaphthalene	12.474	142	2647930	50.607	ng	100
40) 1,2,4,5-Tetrachloroben...	12.621	216	1913839	55.064	ng	98
41) Hexachlorocyclopentadiene	12.610	237	2893751	224.738	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	1064114	54.666	ng	98

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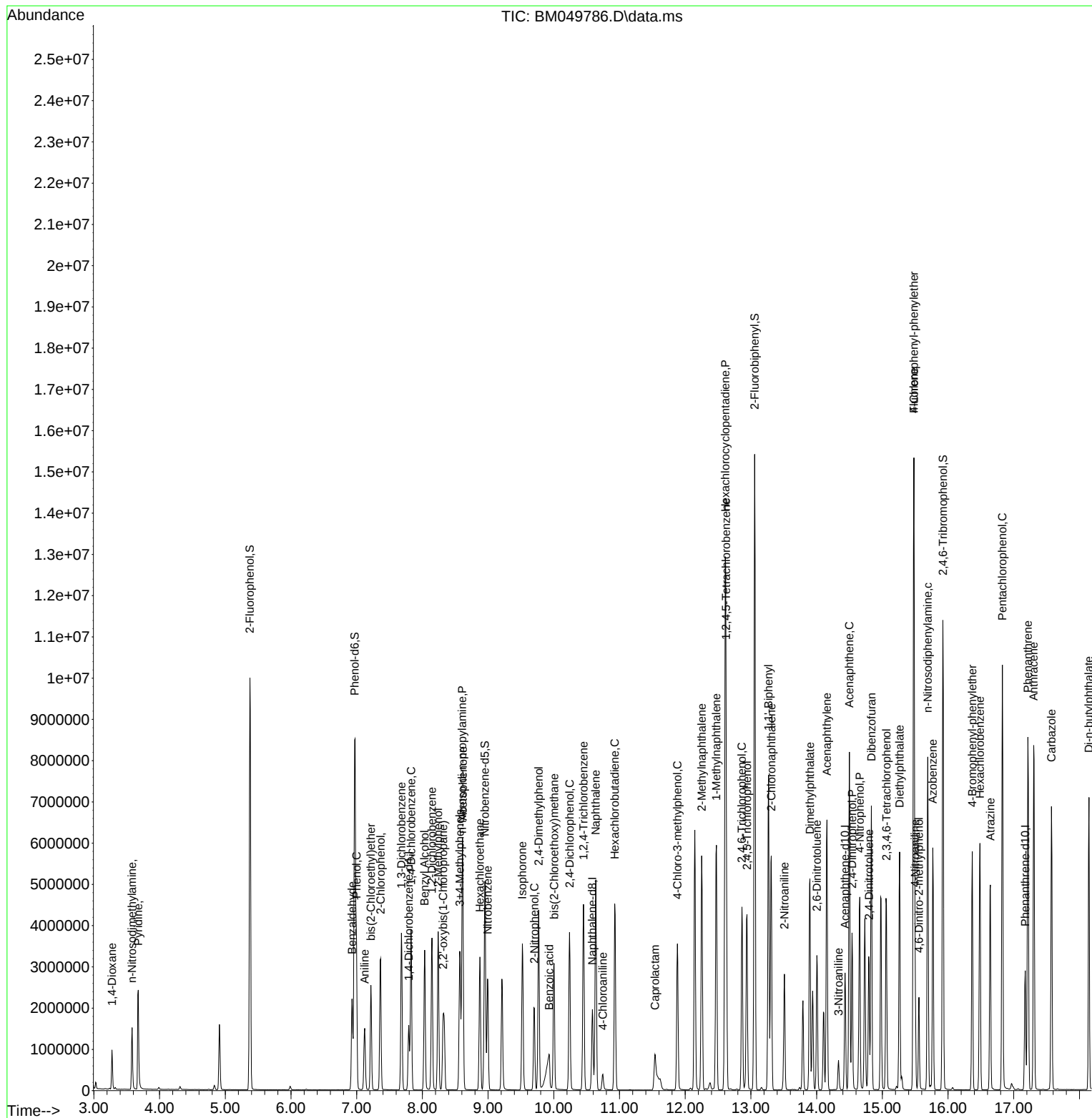
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	1143476	53.830	ng	98
46) 1,1'-Biphenyl	13.268	154	3672671	50.362	ng	100
47) 2-Chloronaphthalene	13.310	162	2850549	50.218	ng	100
48) 2-Nitroaniline	13.510	65	688711	54.048	ng	99
49) Acenaphthylene	14.157	152	4446323	56.040	ng	99
50) Dimethylphthalate	13.898	163	3284697	50.420	ng	100
51) 2,6-Dinitrotoluene	14.004	165	676632	51.836	ng	99
52) Acenaphthene	14.498	154	2638967	50.707	ng	99
53) 3-Nitroaniline	14.333	138	165857	13.352	ng	95
54) 2,4-Dinitrophenol	14.539	184	778201	89.457	ng	97
55) Dibenzofuran	14.833	168	4175761	48.152	ng	99
56) 4-Nitrophenol	14.657	139	1115163	103.136	ng	98
57) 2,4-Dinitrotoluene	14.798	165	916066	54.538	ng	99
58) Fluorene	15.480	166	3787989	53.649	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	927218	52.146	ng	99
60) Diethylphthalate	15.262	149	3098324	50.497	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	2100964	54.492	ng	97
62) 4-Nitroaniline	15.498	138	593143	40.749	ng	98
63) Azobenzene	15.768	77	3013550	51.421	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	465555	51.134	ng	94
66) n-Nitrosodiphenylamine	15.692	169	2873798	57.626	ng	99
67) 4-Bromophenyl-phenylether	16.368	248	1075376	56.588	ng	98
68) Hexachlorobenzene	16.486	284	1184545	55.430	ng	98
69) Atrazine	16.645	200	916753	83.414	ng	98
70) Pentachlorophenol	16.827	266	1657590	123.429	ng	99
71) Phenanthrene	17.215	178	4924988	53.886	ng	100
72) Anthracene	17.304	178	4972993	56.184	ng	99
73) Carbazole	17.574	167	4078509	50.879	ng	99
74) Di-n-butylphthalate	18.145	149	4568648	52.000	ng	99
75) Fluoranthene	19.227	202	5057930	48.068	ng	99
77) Benzidine	19.409	184	922609	66.327	ng	99
78) Pyrene	19.592	202	5123263	63.335	ng	100
80) Butylbenzylphthalate	20.492	149	1492271	59.444	ng	95
81) Benzo(a)anthracene	21.386	228	4209817	54.437	ng	100
82) 3,3'-Dichlorobenzidine	21.315	252	454383	18.047	ng	98
83) Chrysene	21.450	228	3835327	52.318	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2140790	54.719	ng	99
85) Di-n-octyl phthalate	22.456	149	2943490	48.406	ng	99
87) Indeno(1,2,3-cd)pyrene	27.791	276	3525274	53.673	ng	100
88) Benzo(b)fluoranthene	23.462	252	3223426	52.445	ng	99
89) Benzo(k)fluoranthene	23.521	252	3317570	54.855	ng	99
90) Benzo(a)pyrene	24.268	252	2996756	58.047	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	2898601	52.969	ng	99
92) Benzo(g,h,i)perylene	28.844	276	2794423	50.696	ng	100

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

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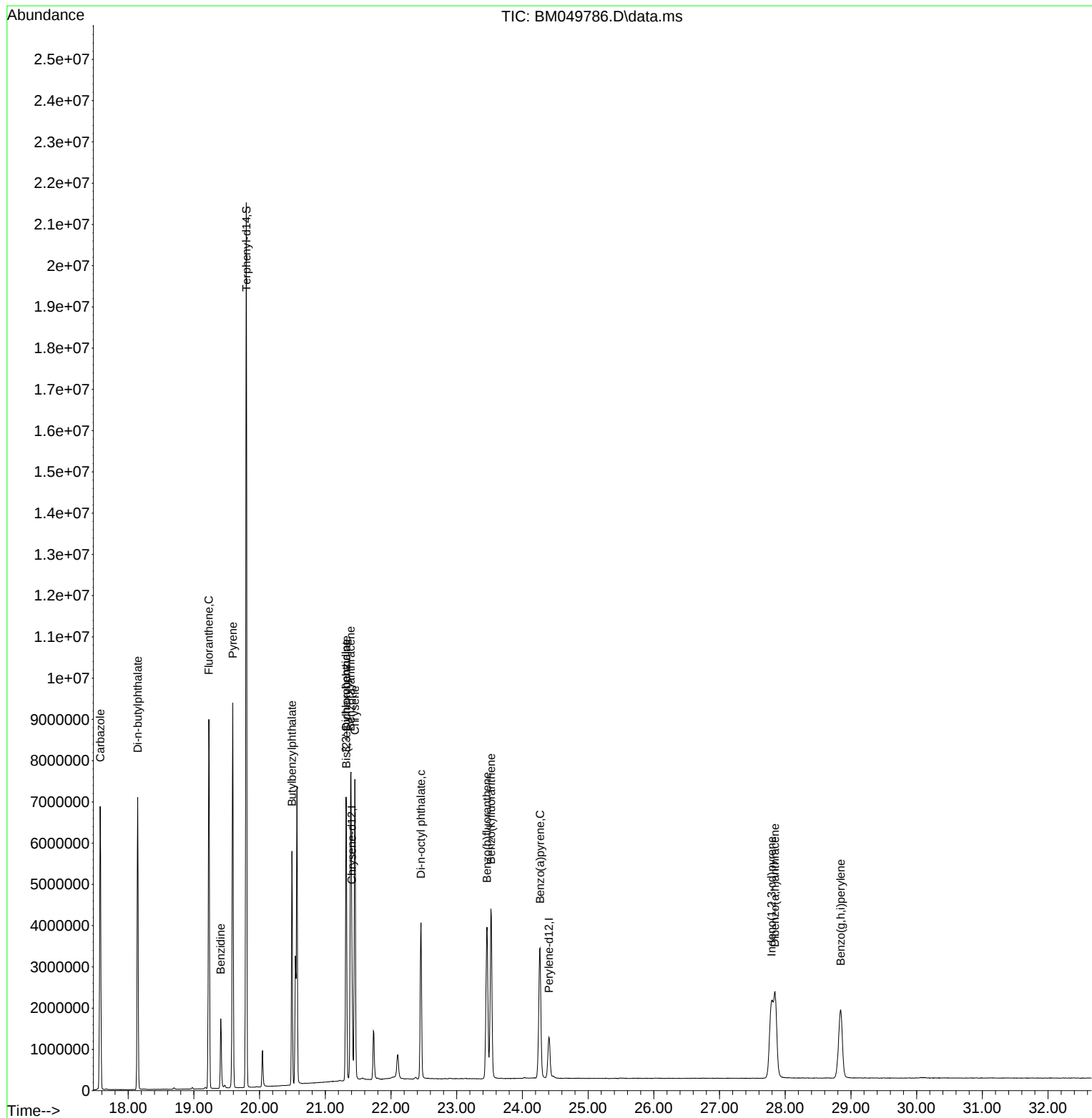
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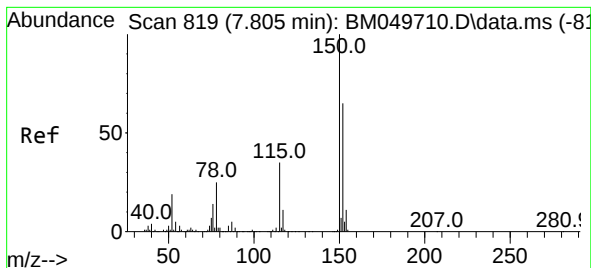


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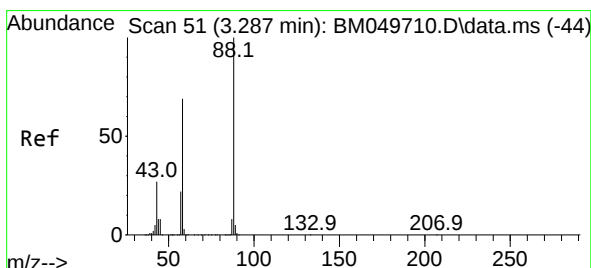
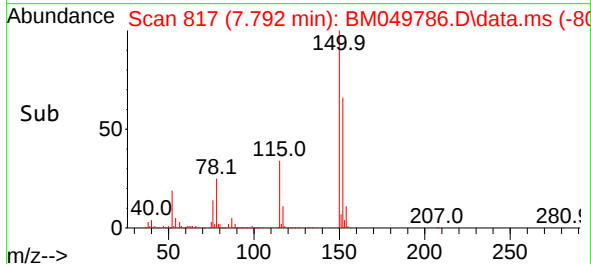
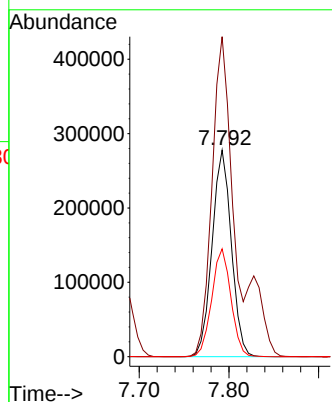
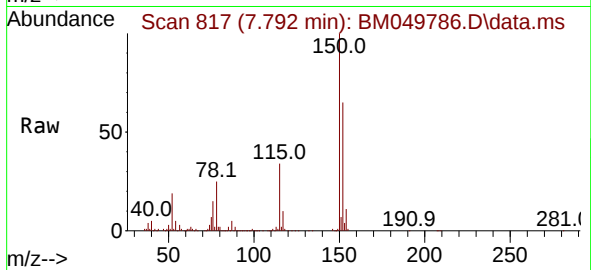




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: BM049786.D
 Acq: 02 Apr 2025 12:04

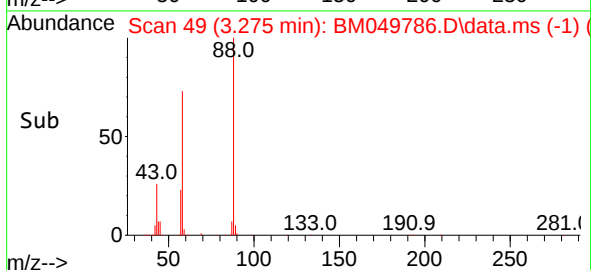
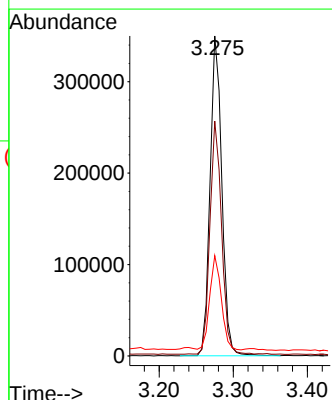
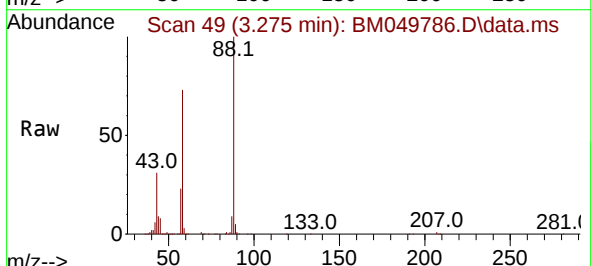
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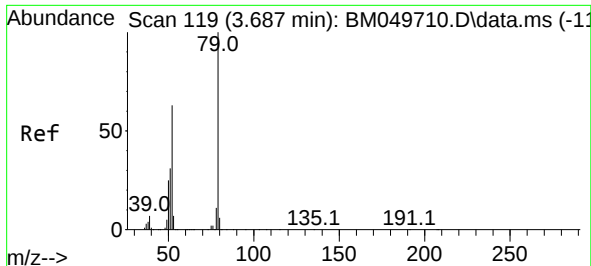
Tgt Ion:152 Resp: 413695
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.8 185.8
 115 52.2 43.0 64.6



#2
 1,4-Dioxane
 Concen: 36.392 ng
 RT: 3.275 min Scan# 49
 Delta R.T. -0.012 min
 Lab File: BM049786.D
 Acq: 02 Apr 2025 12:04

Tgt Ion: 88 Resp: 386255
 Ion Ratio Lower Upper
 88 100
 58 72.8 56.7 85.1
 43 29.0 22.6 34.0



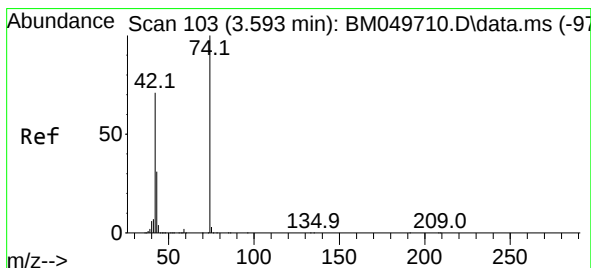
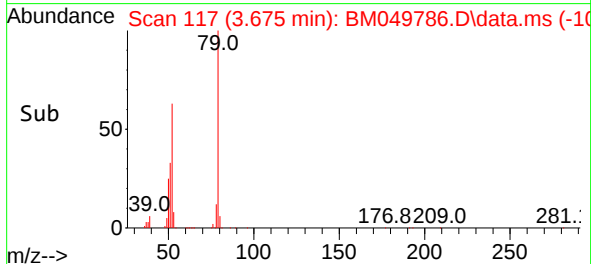
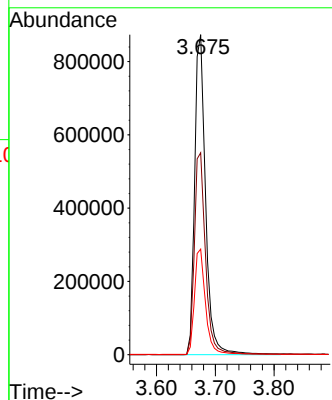
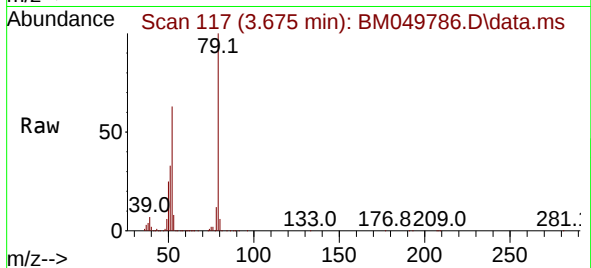


#3
 Pyridine
 Concen: 41.691 ng
 RT: 3.675 min Scan# 119
 Delta R.T. -0.012 min
 Lab File: BM049786.D
 Acq: 02 Apr 2025 12:04

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Tgt Ion: 79 Resp: 1130082

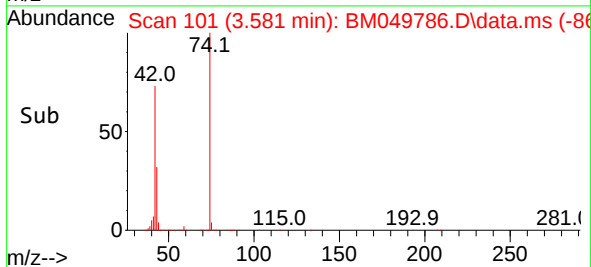
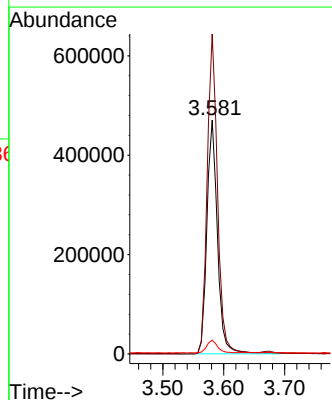
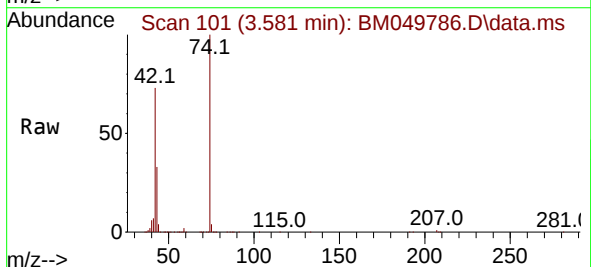
Ion	Ratio	Lower	Upper
79	100		
52	63.1	50.1	75.1
51	33.0	25.2	37.8

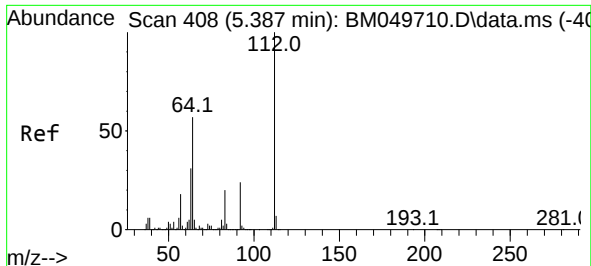


#4
 n-Nitrosodimethylamine
 Concen: 47.099 ng
 RT: 3.581 min Scan# 101
 Delta R.T. -0.012 min
 Lab File: BM049786.D
 Acq: 02 Apr 2025 12:04

Tgt Ion: 42 Resp: 564879

Ion	Ratio	Lower	Upper
42	100		
74	136.9	112.6	168.8
44	5.9	5.0	7.6

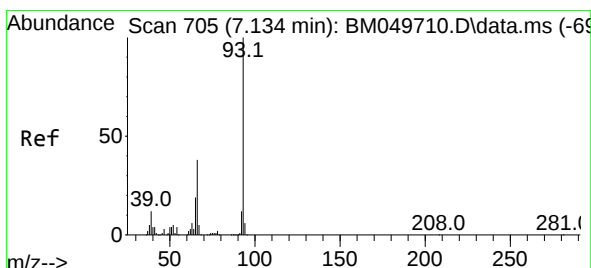
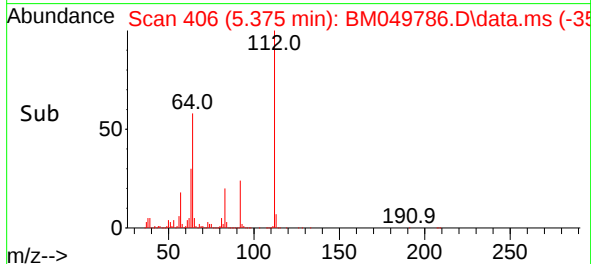
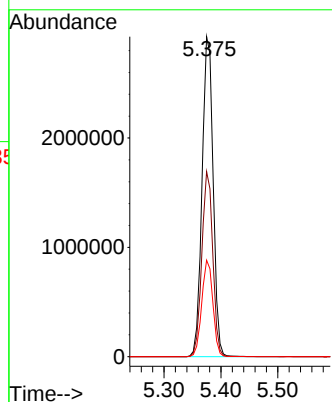
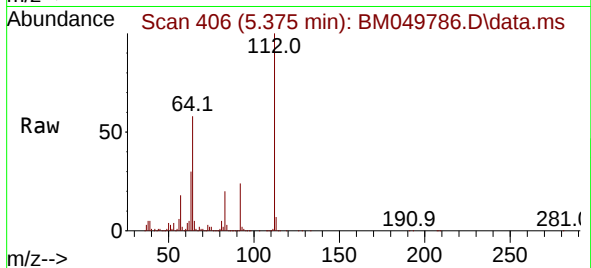




#5
2-Fluorophenol
Concen: 161.698 ng
RT: 5.375 min Scan# 408
Delta R.T. -0.012 min
Lab File: BM049786.D
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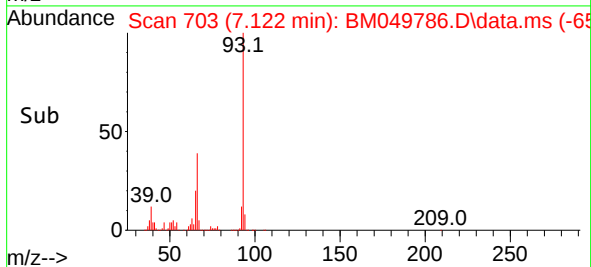
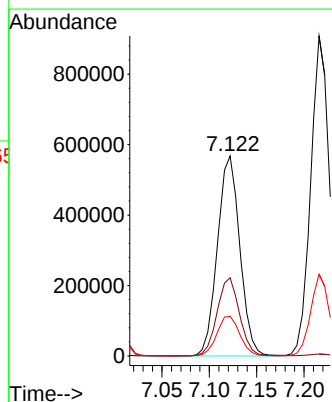
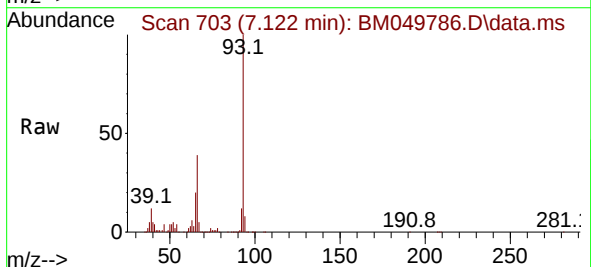
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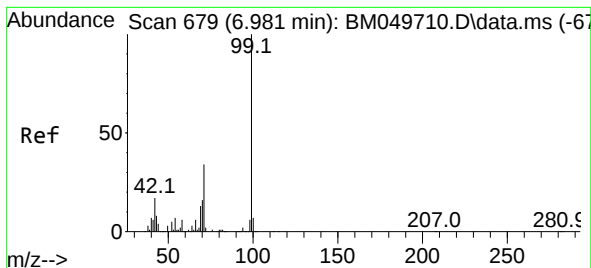
Tgt Ion:112 Resp: 3964489
Ion Ratio Lower Upper
112 100
64 57.8 45.3 67.9
63 30.1 24.4 36.6



#6
Aniline
Concen: 36.270 ng
RT: 7.122 min Scan# 703
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion: 93 Resp: 934961
Ion Ratio Lower Upper
93 100
66 39.1 30.6 46.0
65 19.8 15.4 23.2





#7

Phenol-d6

Concen: 160.878 ng

RT: 6.969 min Scan# 61

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

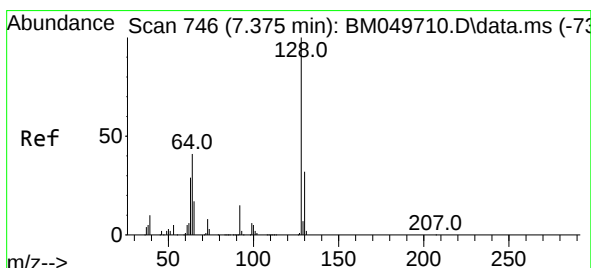
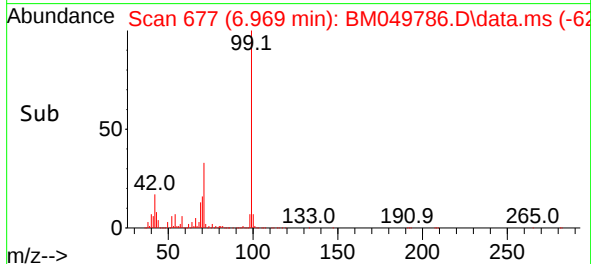
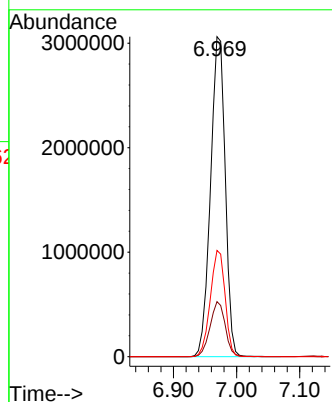
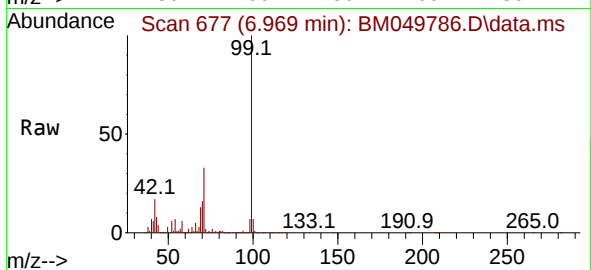
BNA_M

ClientSampleId :

PB167406BS

Tgt Ion: 99 Resp: 4949979

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	33.2	27.0	40.6



#8

2-Chlorophenol

Concen: 53.447 ng

RT: 7.363 min Scan# 744

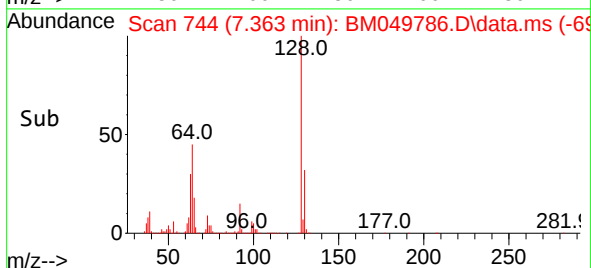
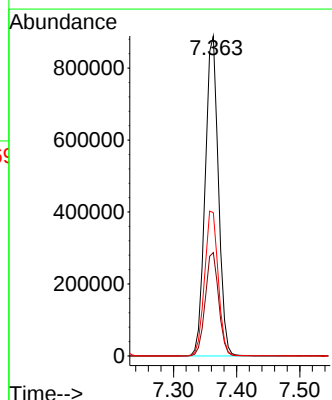
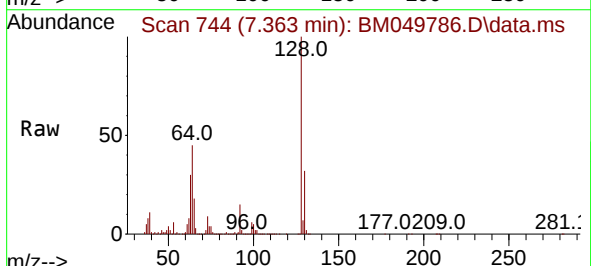
Delta R.T. -0.012 min

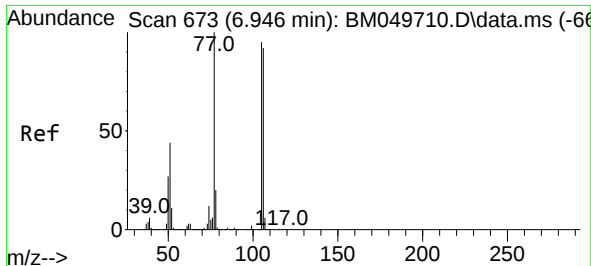
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Tgt Ion: 128 Resp: 1297669

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	44.8	24.9	64.9

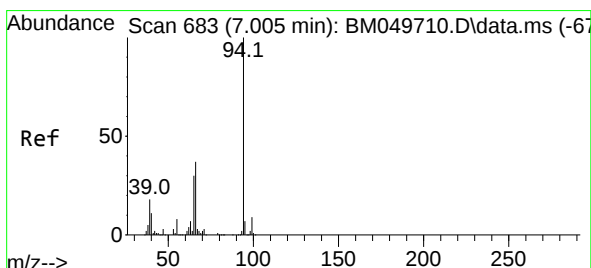
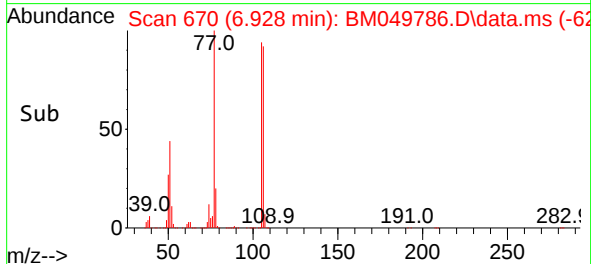
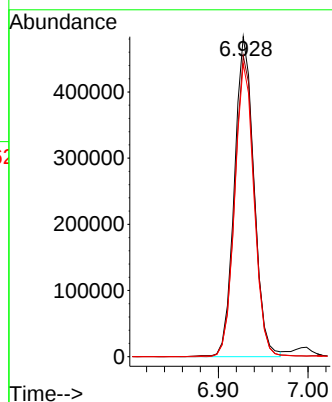
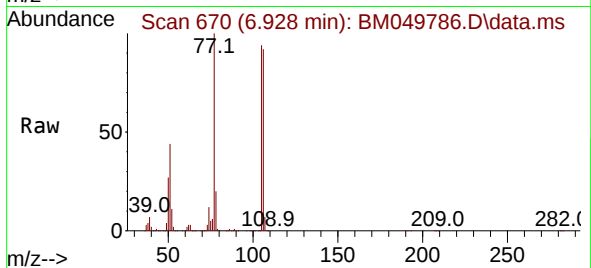




#9
Benzaldehyde
Concen: 48.036 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.018 min
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Acq: 02 Apr 2025 12:04

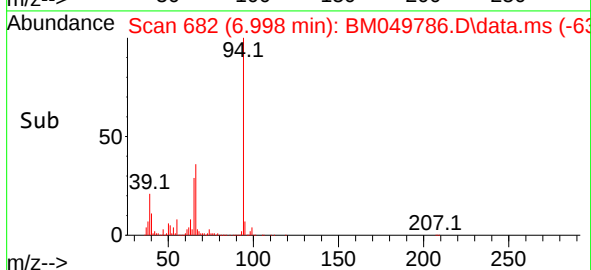
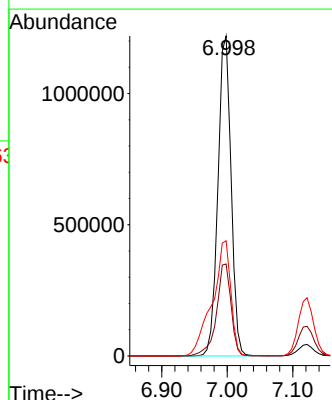
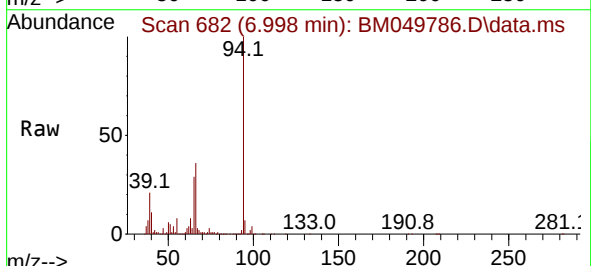
Instrument :
BNA_M
ClientSampleId :
PB167406BS

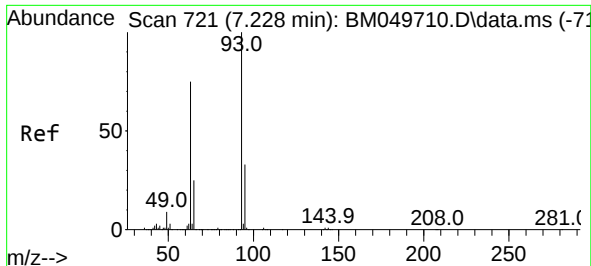
Tgt Ion: 77 Resp: 730668
Ion Ratio Lower Upper
77 100
105 94.1 75.0 115.0
106 91.5 72.3 112.3



#10
Phenol
Concen: 56.638 ng
RT: 6.998 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion: 94 Resp: 1689764
Ion Ratio Lower Upper
94 100
65 28.8 10.4 50.4
66 36.0 17.1 57.1

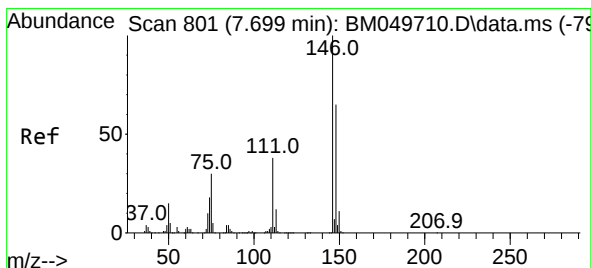
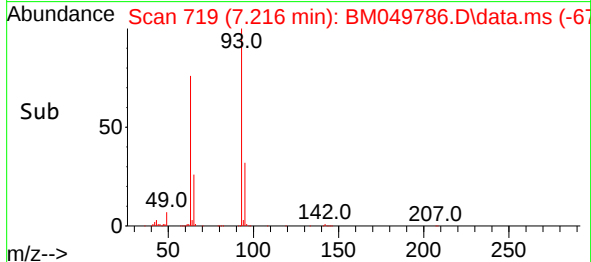
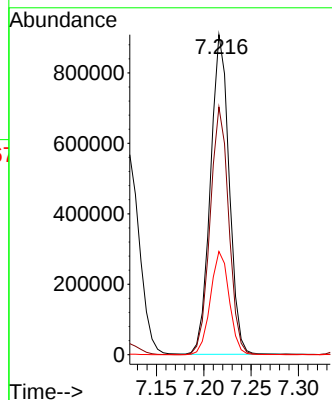
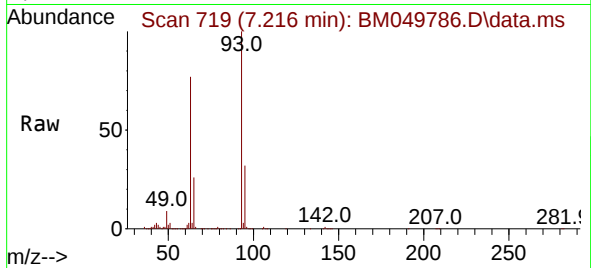




#11
bis(2-Chloroethyl)ether
Concen: 51.645 ng
RT: 7.216 min Scan# 719
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

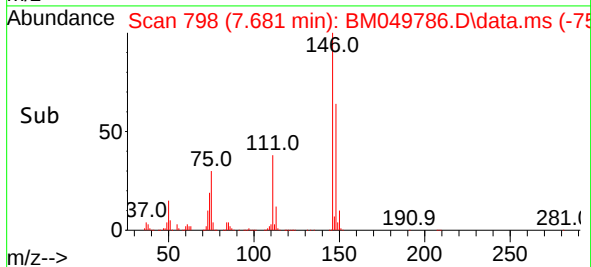
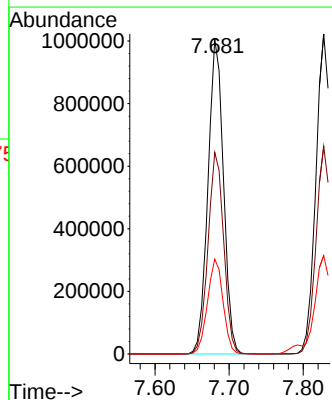
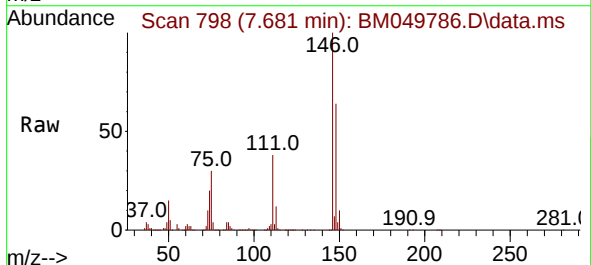
Instrument :
BNA_M
ClientSampleId :
PB167406BS

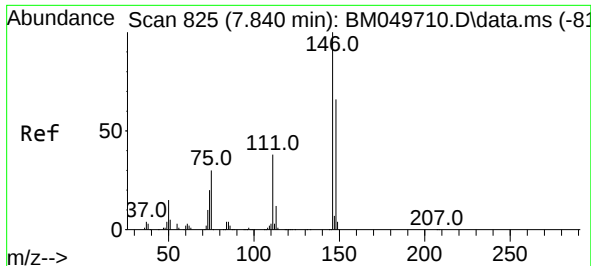
Tgt Ion: 93 Resp: 1247711
Ion Ratio Lower Upper
93 100
63 77.4 54.8 94.8
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 49.473 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.018 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:146 Resp: 1459773
Ion Ratio Lower Upper
146 100
148 64.1 52.3 78.5
75 30.2 24.2 36.2

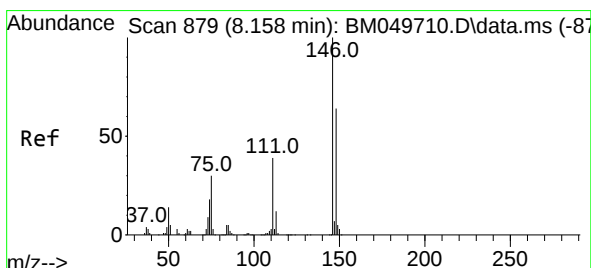
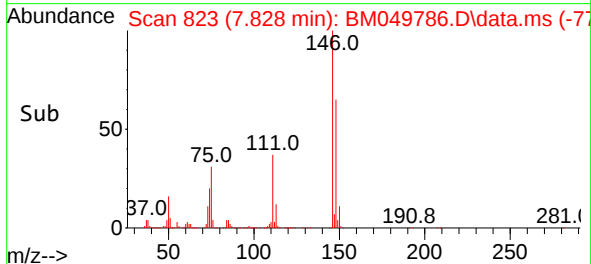
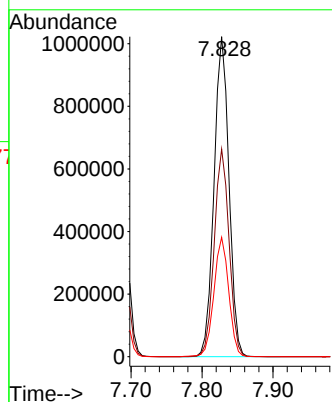
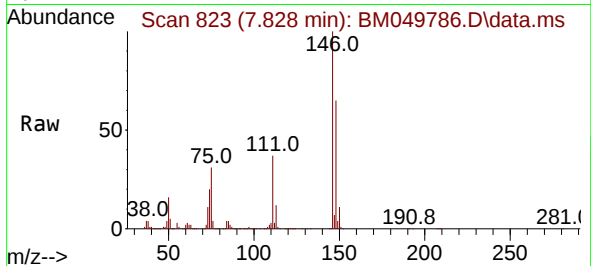




#13
1,4-Dichlorobenzene
Concen: 49.983 ng
RT: 7.828 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

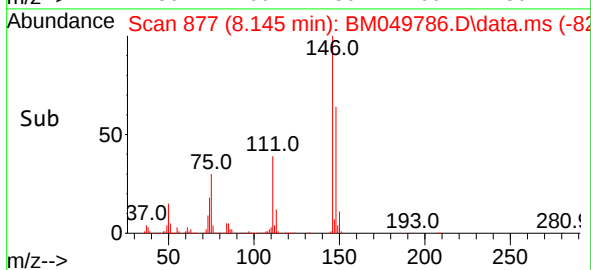
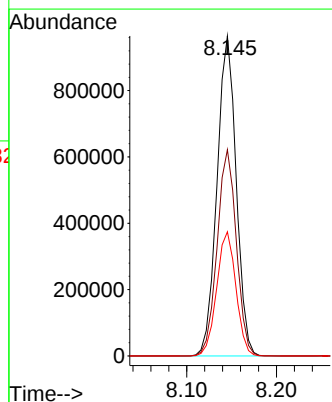
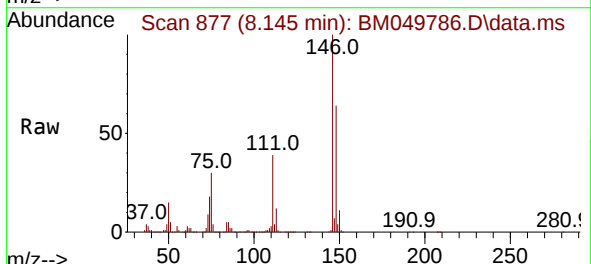
Instrument :
BNA_M
ClientSampleId :
PB167406BS

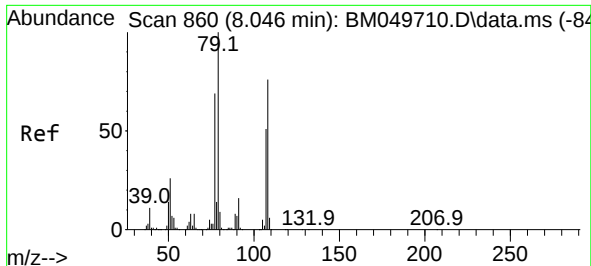
Tgt Ion:146 Resp: 1487834
Ion Ratio Lower Upper
146 100
148 64.9 52.6 79.0
111 37.3 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 50.616 ng
RT: 8.145 min Scan# 877
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:146 Resp: 1431894
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
111 38.8 31.0 46.6

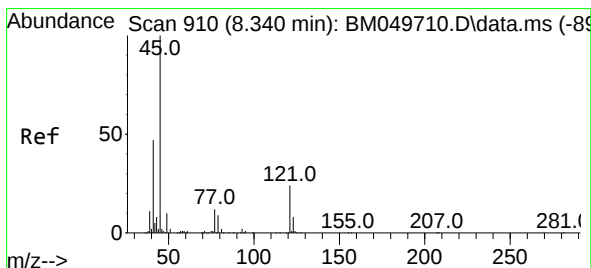
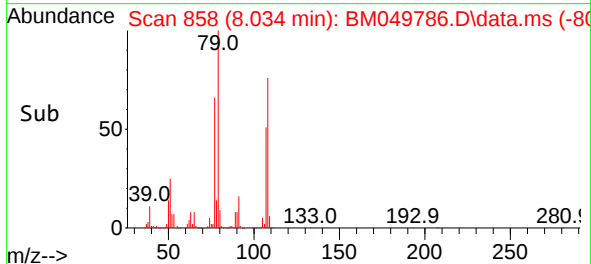
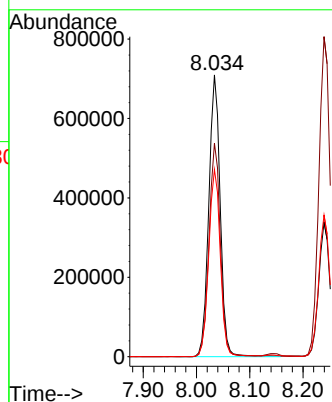
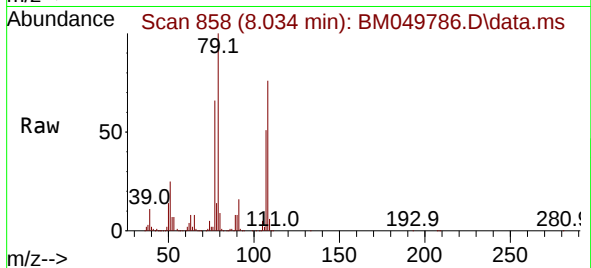




#15
Benzyl Alcohol
Concen: 54.675 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

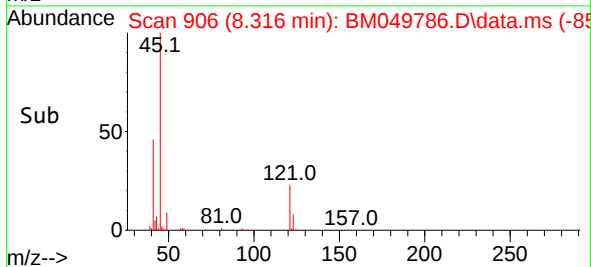
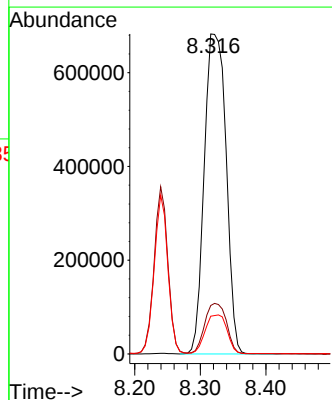
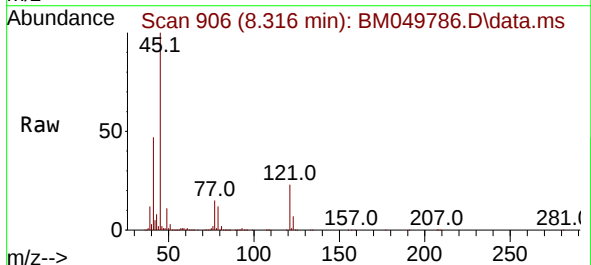
Instrument :
BNA_M
ClientSampleId :
PB167406BS

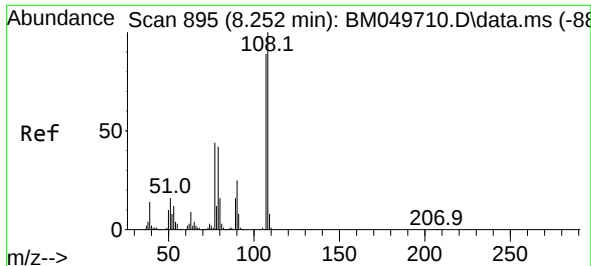
Tgt Ion: 79 Resp: 1055701
Ion Ratio Lower Upper
79 100
108 75.7 60.7 91.1
77 66.5 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.607 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion: 45 Resp: 1578970
Ion Ratio Lower Upper
45 100
77 15.2 0.0 36.1
79 11.8 0.0 32.8

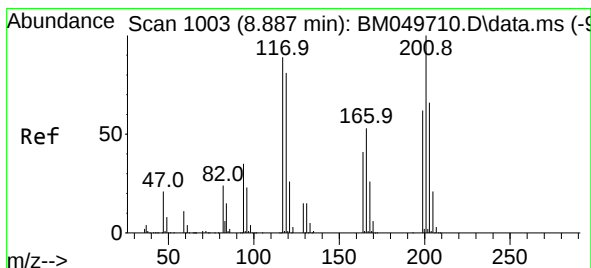
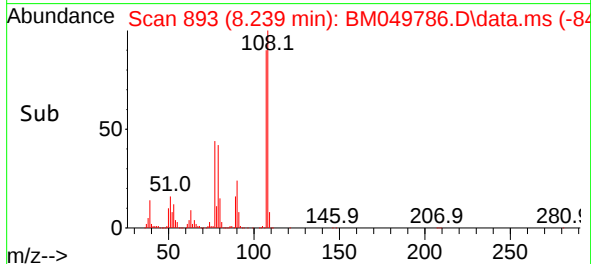
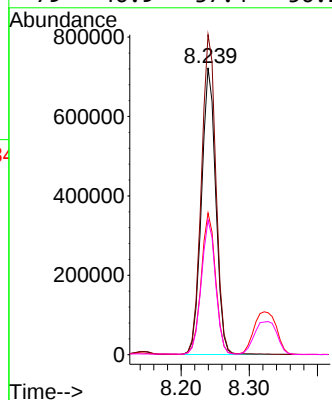
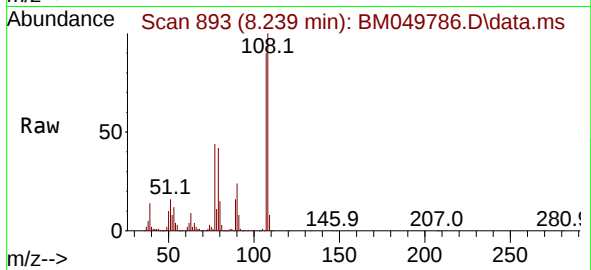




#17
2-Methylphenol
Concen: 59.396 ng
RT: 8.239 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

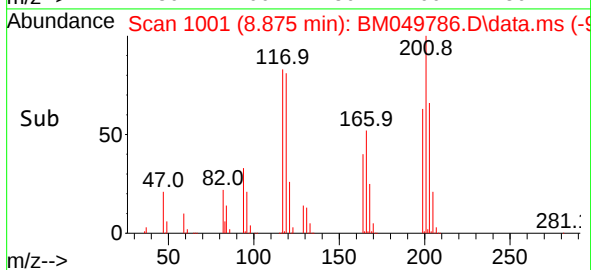
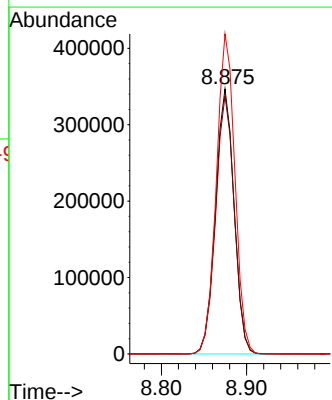
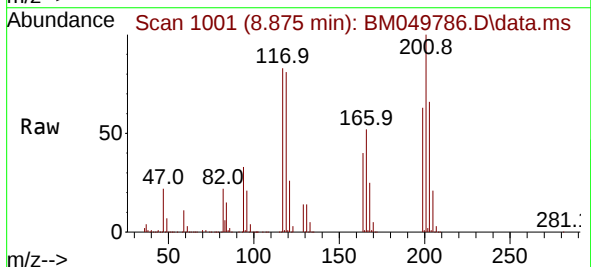
Instrument :
BNA_M
ClientSampleId :
PB167406BS

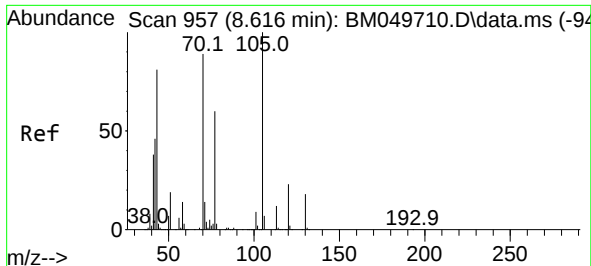
Tgt Ion:107 Resp: 1052053
Ion Ratio Lower Upper
107 100
108 111.5 89.6 134.4
77 49.4 39.8 59.6
79 46.9 37.4 56.2



#18
Hexachloroethane
Concen: 50.080 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:117 Resp: 526436
Ion Ratio Lower Upper
117 100
119 97.3 73.1 109.7
201 120.8 90.0 135.0

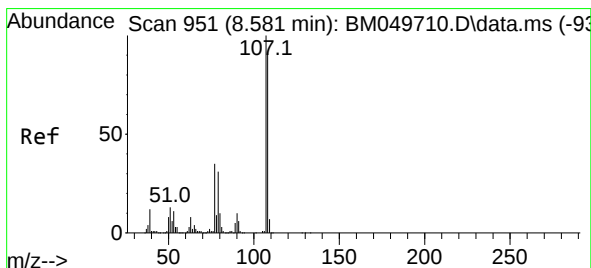
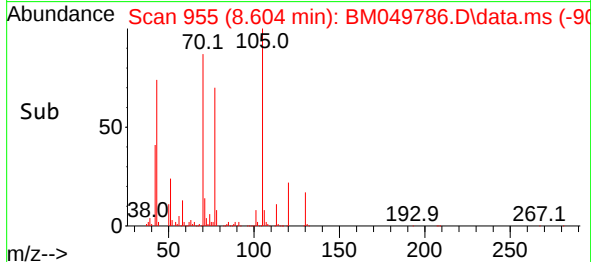
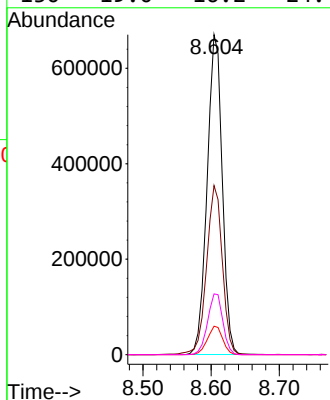
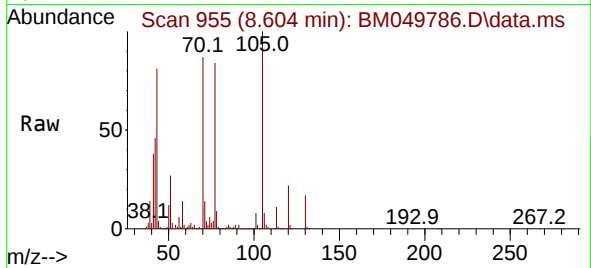




#19
n-Nitroso-di-n-propylamine
Concen: 57.975 ng
RT: 8.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

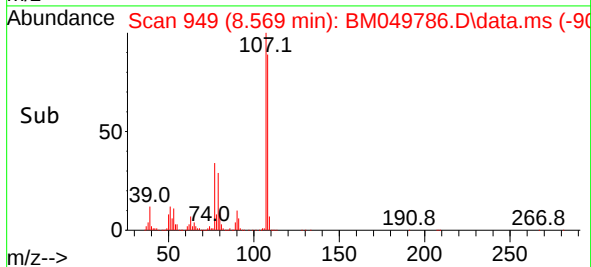
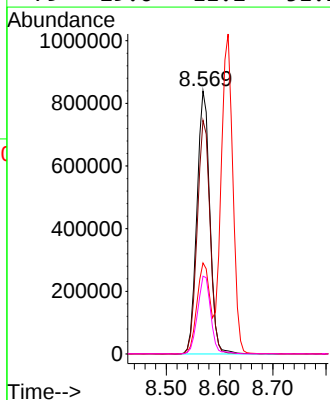
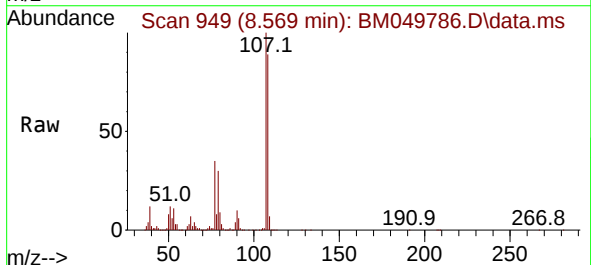
Instrument :
BNA_M
ClientSampleId :
PB167406BS

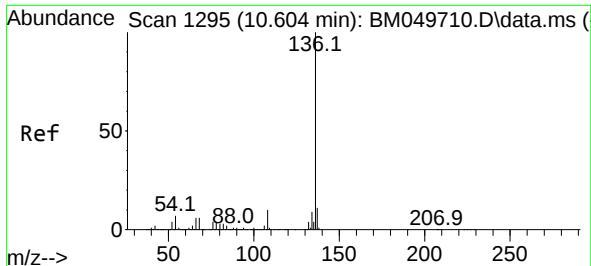
Tgt Ion: 70 Resp: 1034353
Ion Ratio Lower Upper
70 100
42 52.8 41.8 62.6
101 8.9 7.7 11.5
130 19.0 16.2 24.4



#20
3+4-Methylphenols
Concen: 59.292 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion: 107 Resp: 1407423
Ion Ratio Lower Upper
107 100
108 88.8 71.0 111.0
77 34.6 15.1 55.1
79 29.6 11.2 51.2

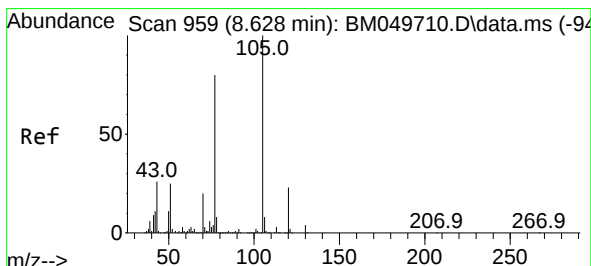
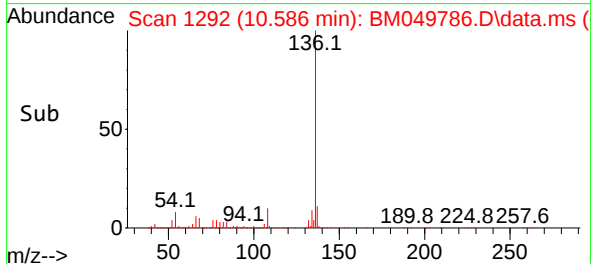
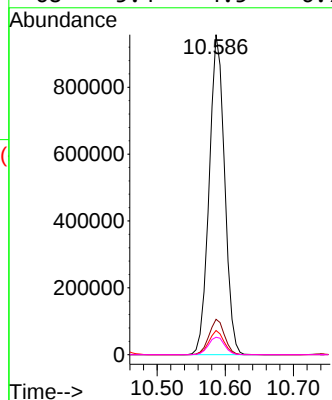
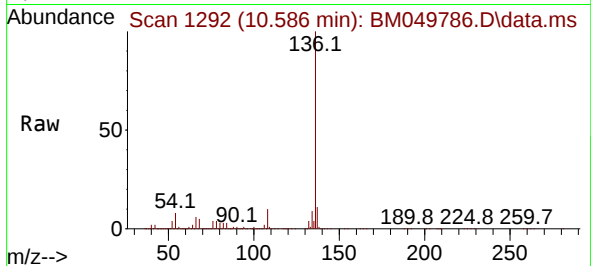




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

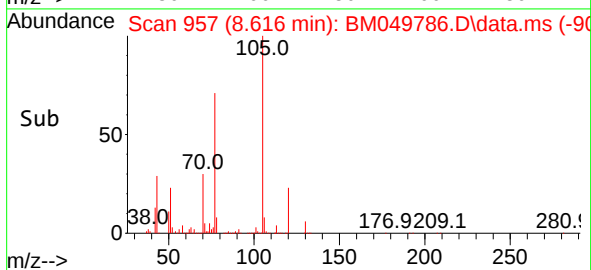
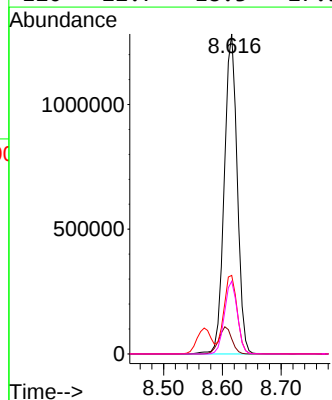
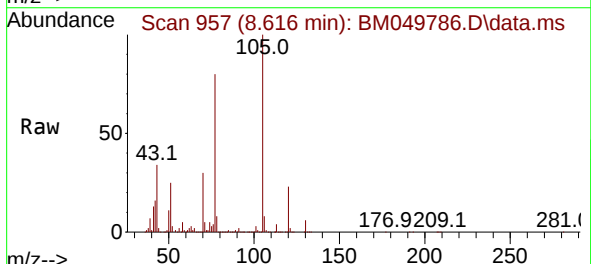
Instrument :
BNA_M
ClientSampleId :
PB167406BS

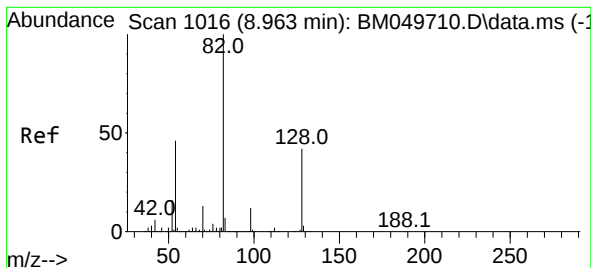
Tgt Ion:136 Resp: 1508303
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.6 5.8 8.8
68 5.4 4.5 6.7



#22
Acetophenone
Concen: 50.169 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:105 Resp: 1951112
Ion Ratio Lower Upper
105 100
71 4.7 2.5 3.7#
51 24.5 19.9 29.9
120 22.7 18.3 27.5





#23

Nitrobenzene-d5

Concen: 97.386 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

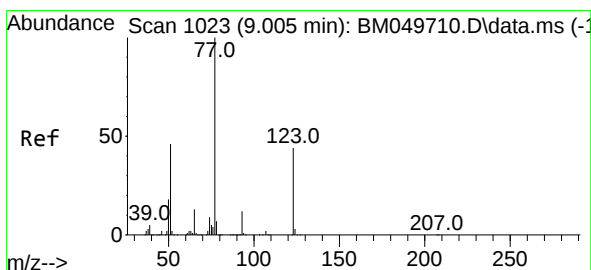
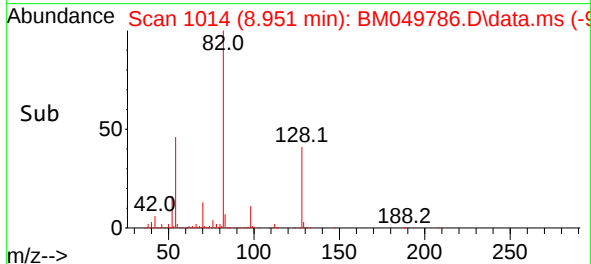
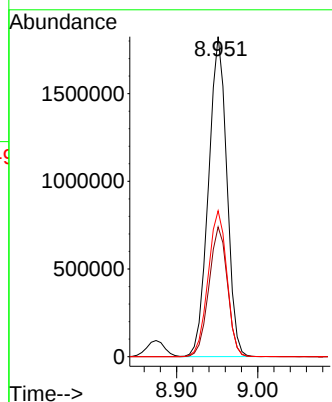
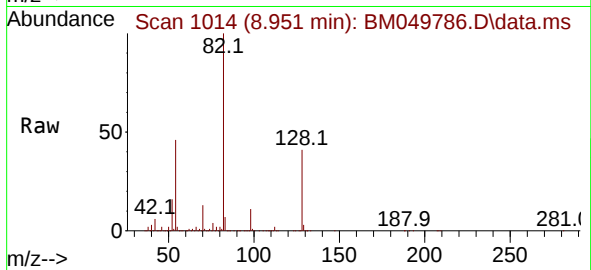
BNA_M

ClientSampleId :

PB167406BS

Tgt Ion: 82 Resp: 2860973

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.4	50.0
54	45.6	36.4	54.6



#24

Nitrobenzene

Concen: 50.111 ng

RT: 8.992 min Scan# 1021

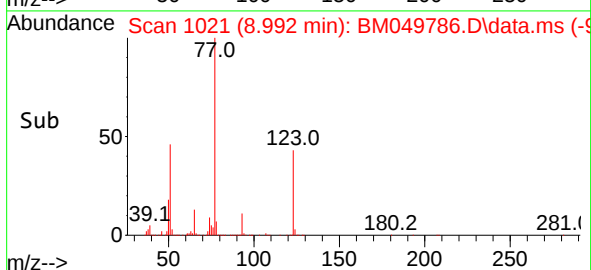
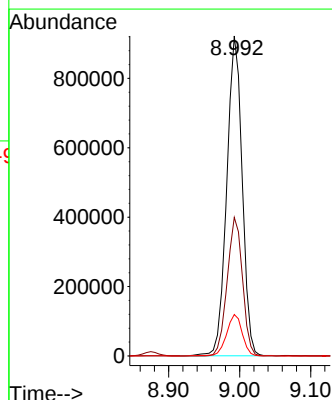
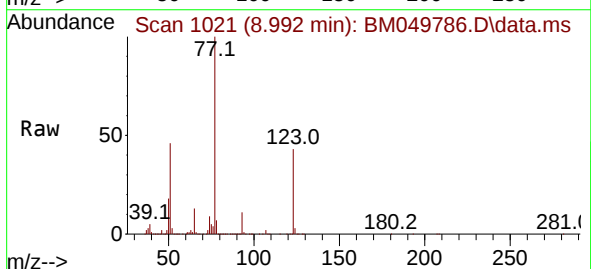
Delta R.T. -0.012 min

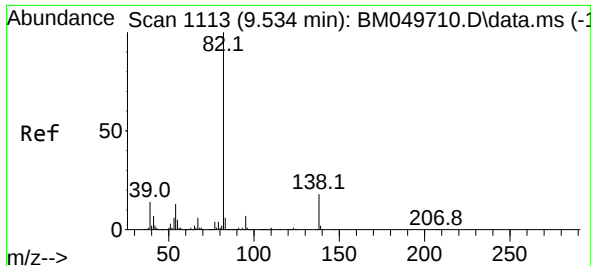
Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Tgt Ion: 77 Resp: 1388126

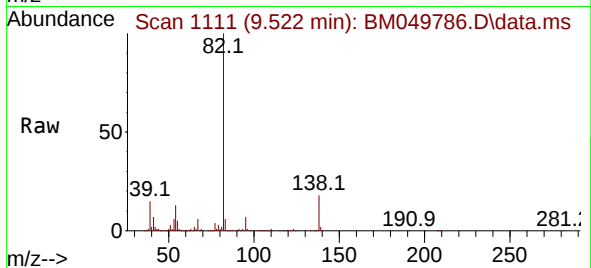
Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.9	52.3
65	12.9	10.6	15.8



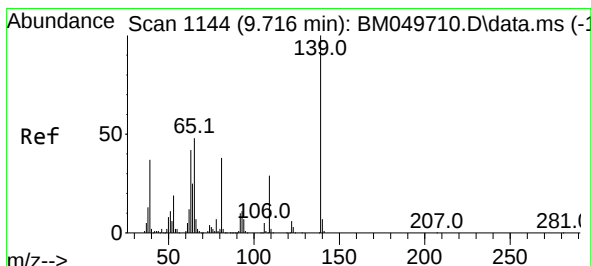
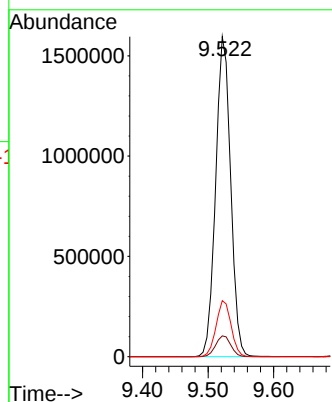
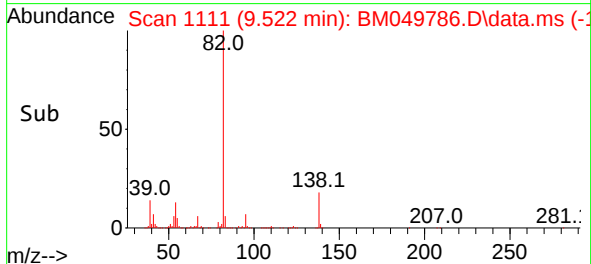


#25
Isophorone
Concen: 55.958 ng
RT: 9.522 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

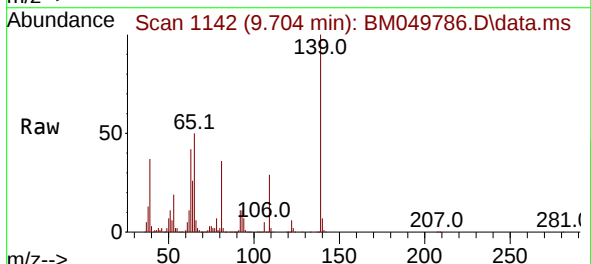
Instrument :
BNA_M
ClientSampleId :
PB167406BS



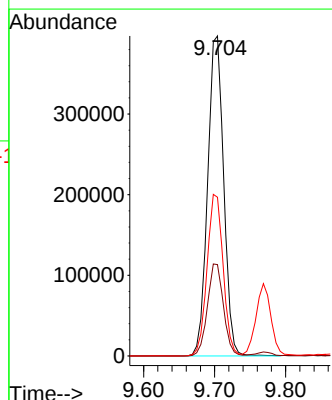
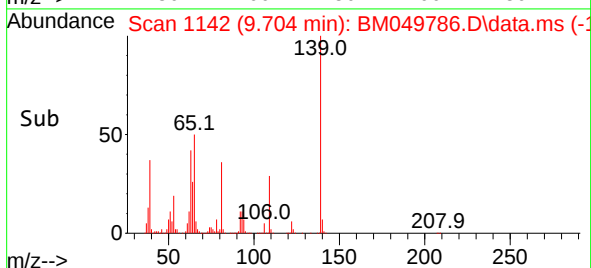
Tgt Ion: 82 Resp: 2524026
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 17.5 14.4 21.6

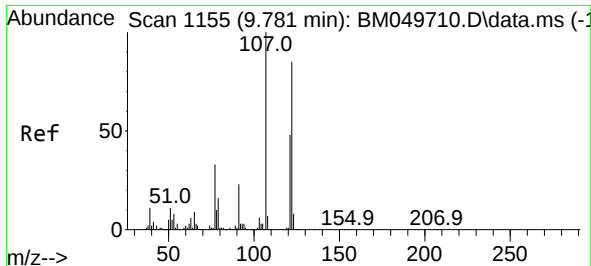


#26
2-Nitrophenol
Concen: 52.876 ng
RT: 9.704 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04



Tgt Ion: 139 Resp: 623416
Ion Ratio Lower Upper
139 100
109 28.6 23.3 34.9
65 49.6 38.6 58.0

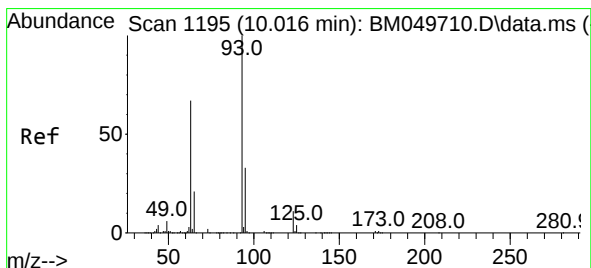
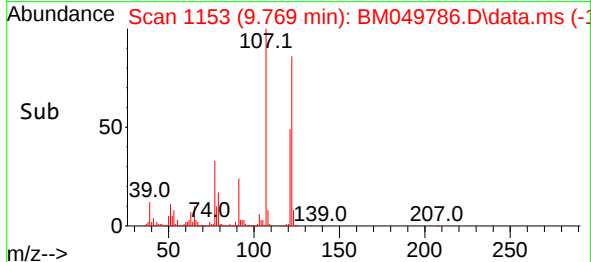
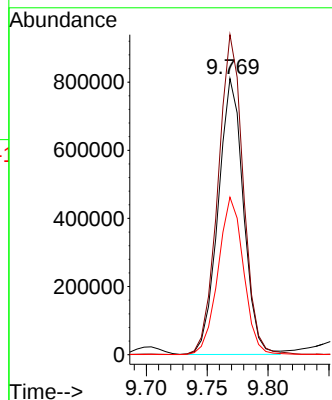
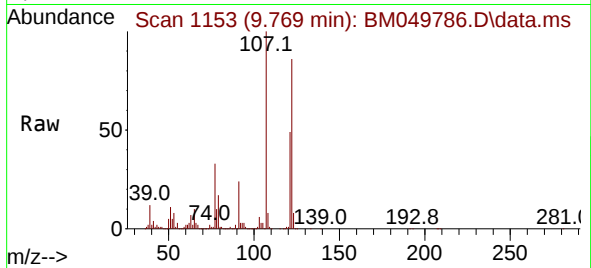




#27
2,4-Dimethylphenol
Concen: 77.979 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

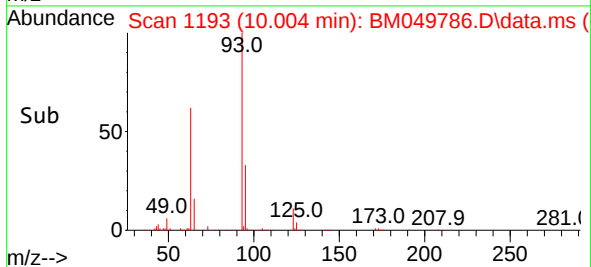
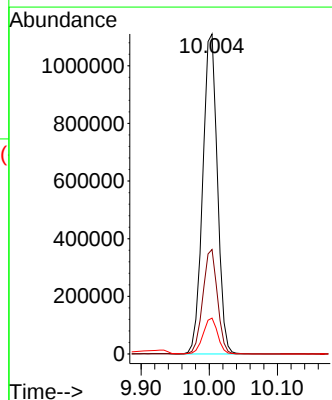
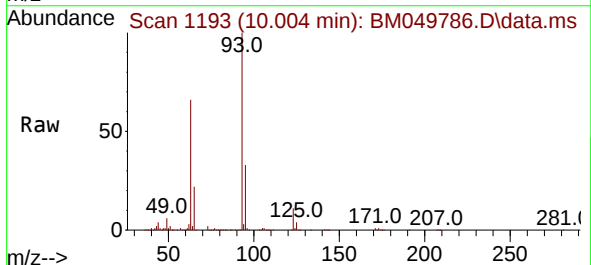
Instrument :
BNA_M
ClientSampleId :
PB167406BS

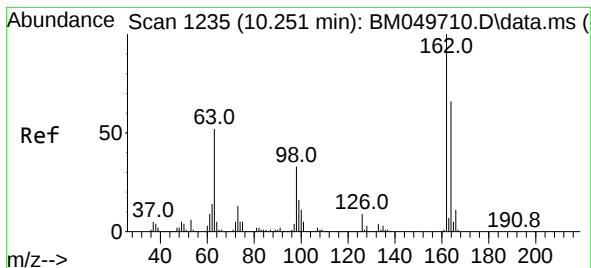
Tgt Ion:122 Resp: 1170263
Ion Ratio Lower Upper
122 100
107 115.8 94.3 141.5
121 57.0 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 52.263 ng
RT: 10.004 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion: 93 Resp: 1660325
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 11.2 9.0 13.6

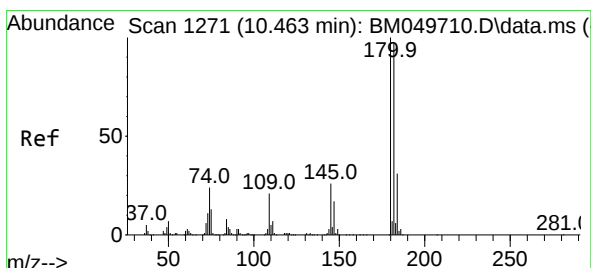
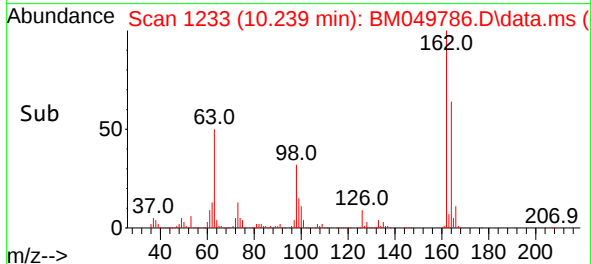
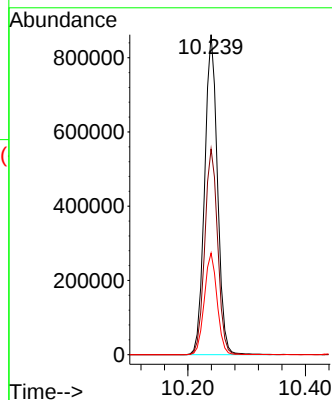
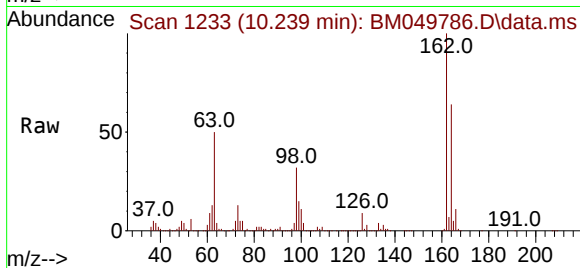




#29
2,4-Dichlorophenol
Concen: 53.611 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

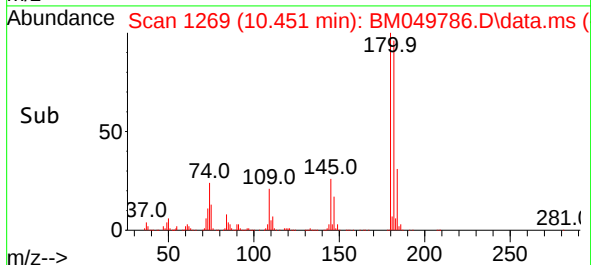
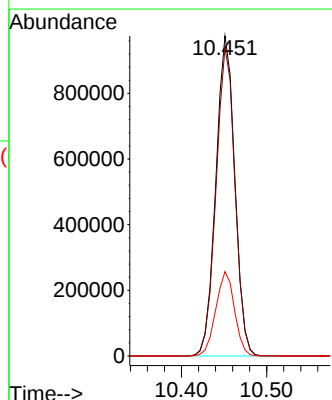
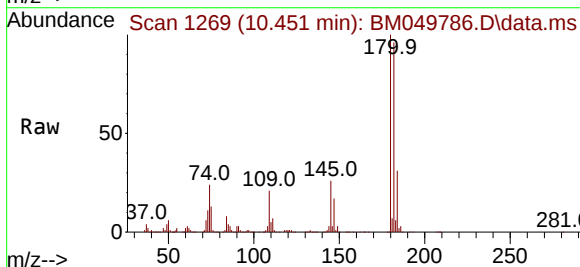
Instrument :
BNA_M
ClientSampleId :
PB167406BS

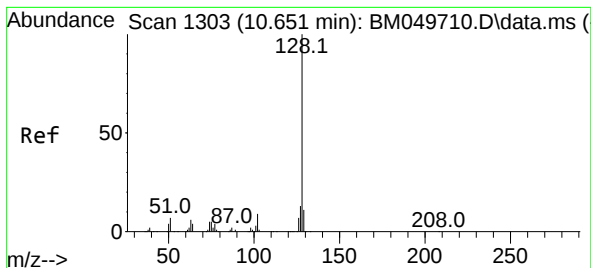
Tgt Ion:162 Resp: 1311006
Ion Ratio Lower Upper
162 100
164 64.3 46.3 86.3
98 31.7 12.8 52.8



#30
1,2,4-Trichlorobenzene
Concen: 49.294 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:180 Resp: 1508187
Ion Ratio Lower Upper
180 100
182 96.3 77.7 116.5
145 26.4 21.0 31.4

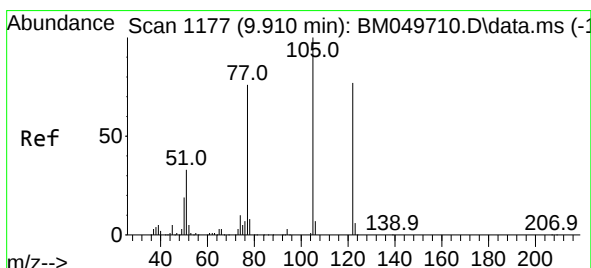
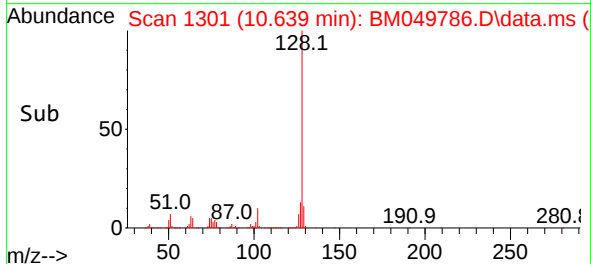
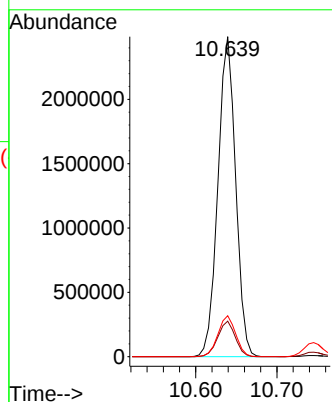
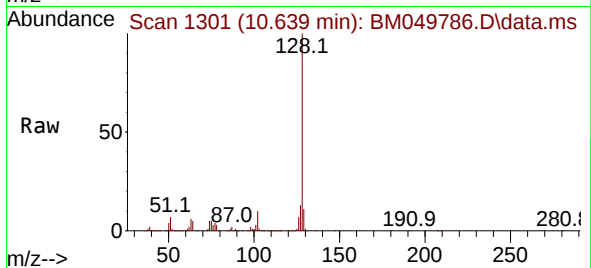




#31
Naphthalene
Concen: 48.688 ng
RT: 10.639 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

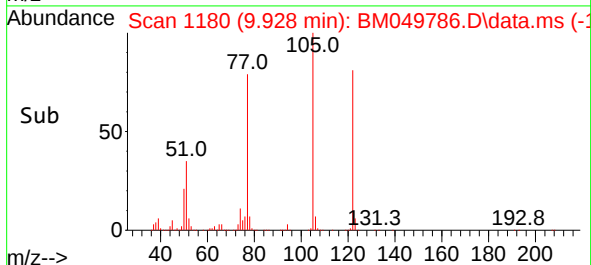
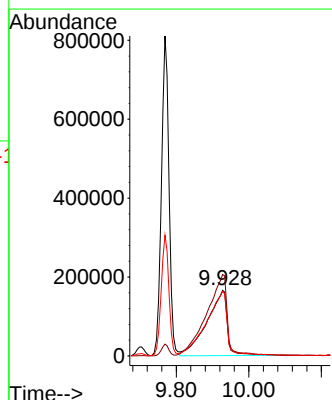
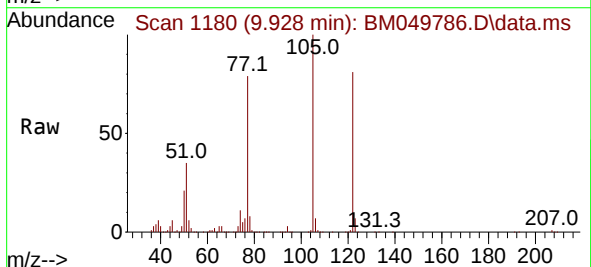
Instrument :
BNA_M
ClientSampleId :
PB167406BS

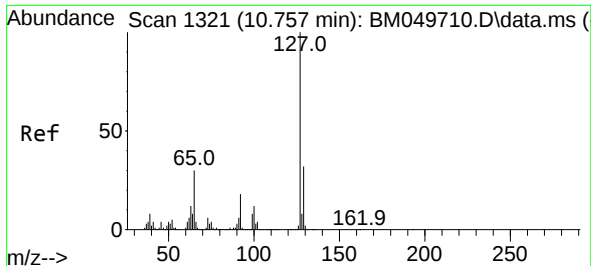
Tgt Ion:128 Resp: 3776093
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 51.243 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:122 Resp: 654029
Ion Ratio Lower Upper
122 100
105 124.0 105.6 145.6
77 98.2 76.9 116.9

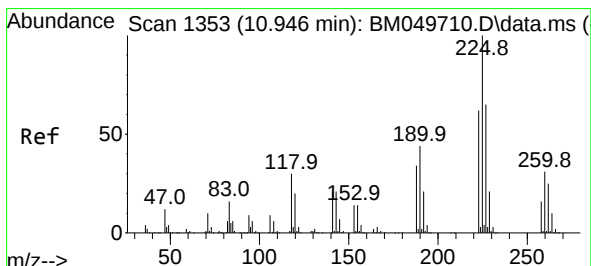
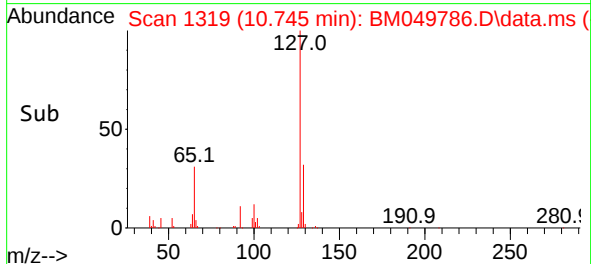
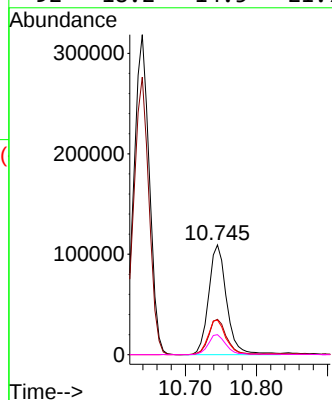
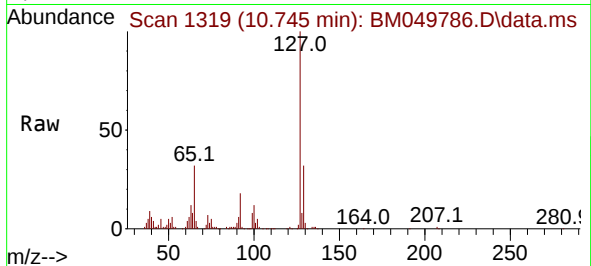




#33
4-Chloroaniline
Concen: 7.301 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

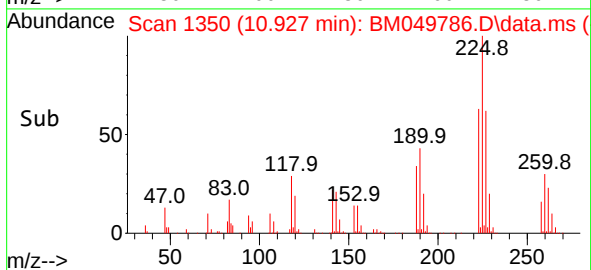
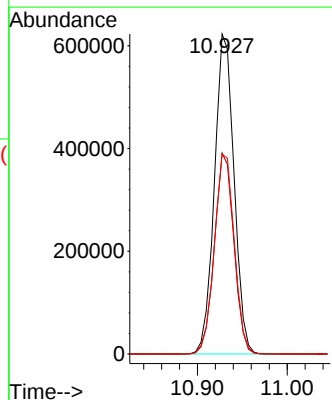
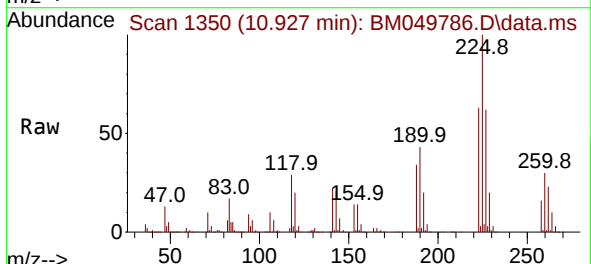
Instrument :
BNA_M
ClientSampleId :
PB167406BS

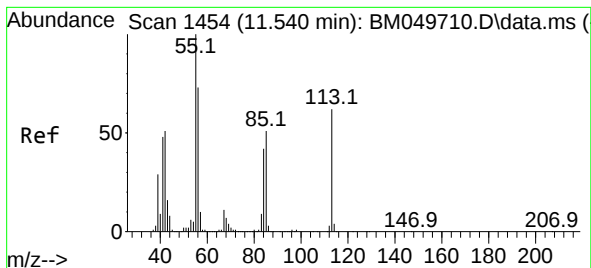
Tgt Ion:127	Resp: 193237
Ion Ratio	Lower Upper
127 100	
129 32.2	25.7 38.5
65 31.5	24.1 36.1
92 18.2	14.5 21.7



#34
Hexachlorobutadiene
Concen: 50.012 ng
RT: 10.927 min Scan# 1350
Delta R.T. -0.018 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:225	Resp: 944621
Ion Ratio	Lower Upper
225 100	
223 62.7	49.8 74.8
227 62.4	52.1 78.1

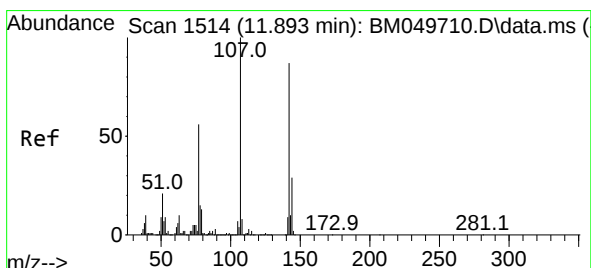
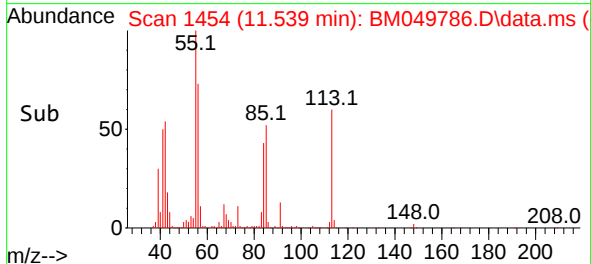
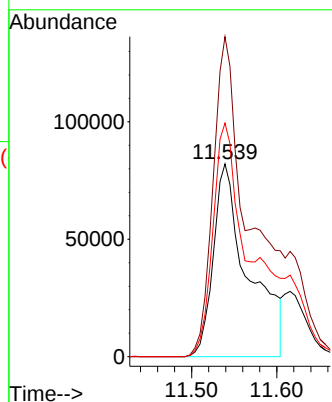
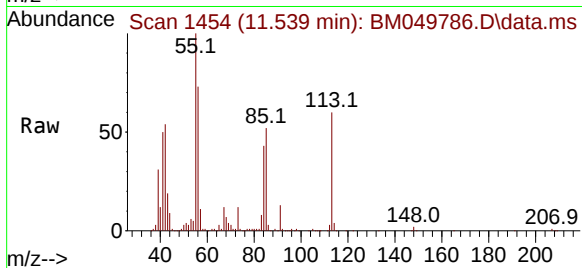




#35
Caprolactam
Concen: 41.102 ng
RT: 11.539 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

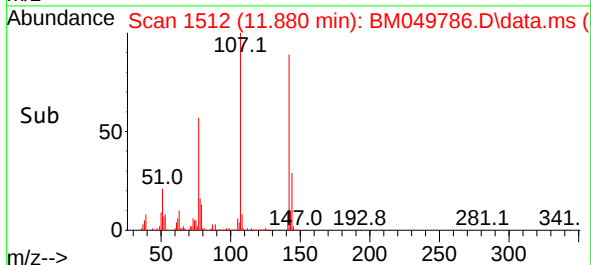
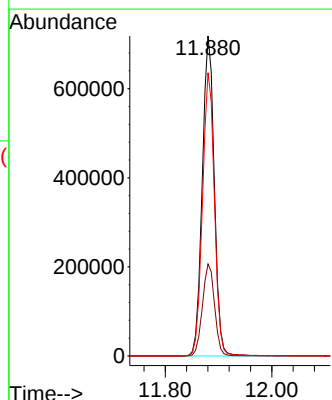
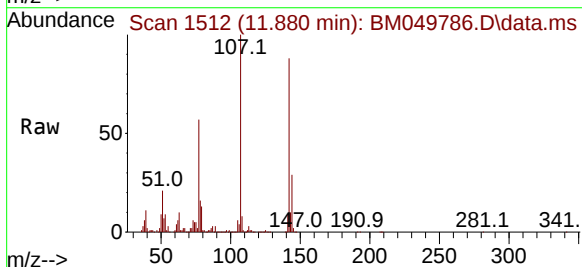
Instrument :
BNA_M
ClientSampleId :
PB167406BS

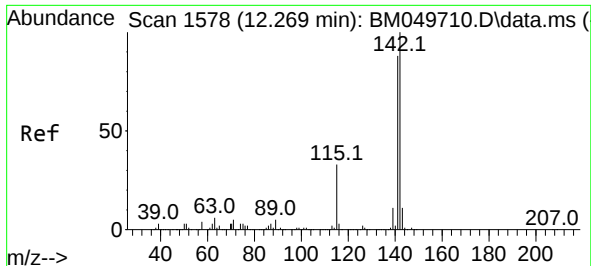
Tgt Ion:113 Resp: 233359
Ion Ratio Lower Upper
113 100
55 166.0 141.8 181.8
56 121.2 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 53.492 ng
RT: 11.880 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:107 Resp: 1122590
Ion Ratio Lower Upper
107 100
144 28.8 23.0 34.6
142 88.5 69.8 104.8

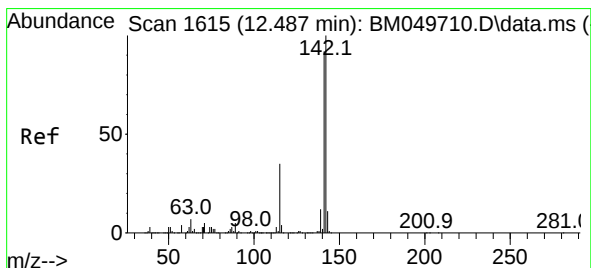
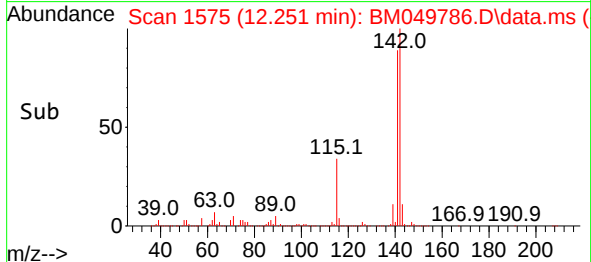
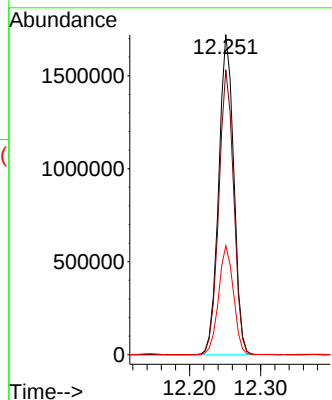
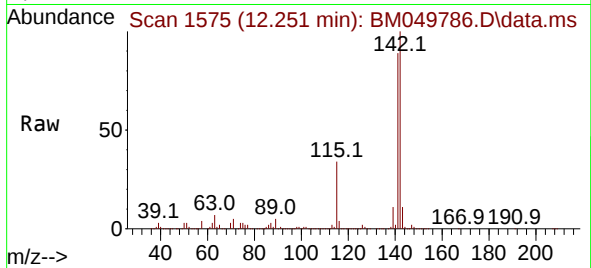




#37
2-Methylnaphthalene
Concen: 46.469 ng
RT: 12.251 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

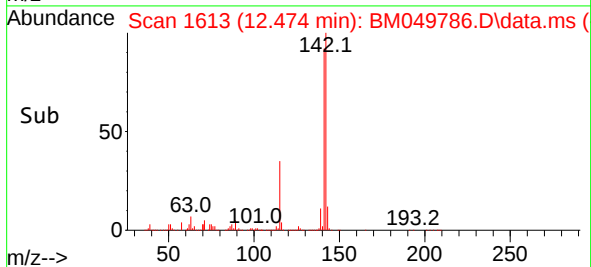
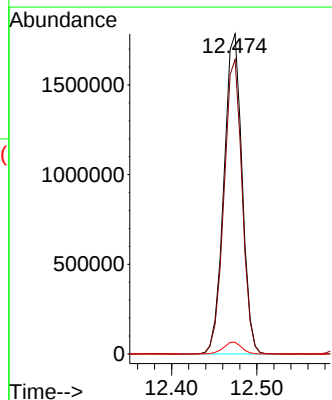
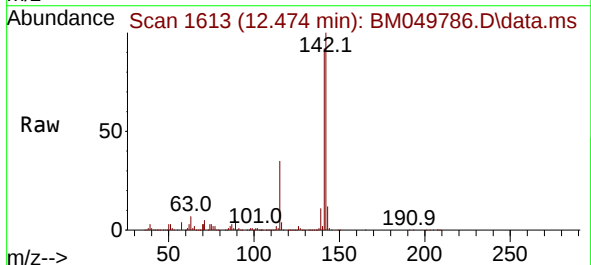
Instrument :
BNA_M
ClientSampleId :
PB167406BS

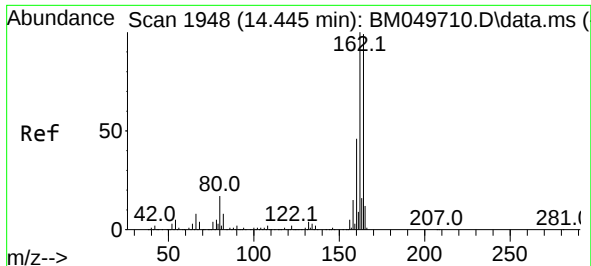
Tgt Ion:142 Resp: 2520099
Ion Ratio Lower Upper
142 100
141 89.1 70.5 105.7
115 34.0 26.5 39.7



#38
1-Methylnaphthalene
Concen: 50.607 ng
RT: 12.474 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

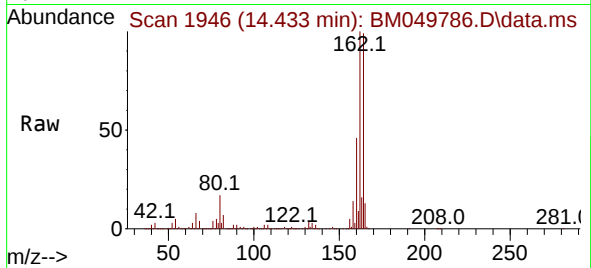
Tgt Ion:142 Resp: 2647930
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2
116 3.6 2.8 4.2



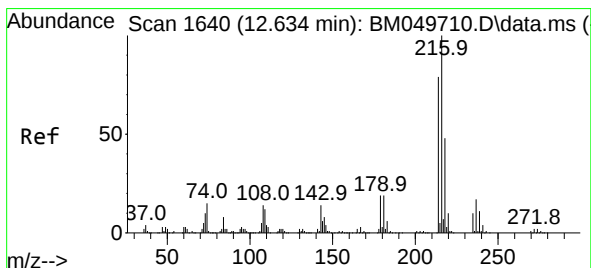
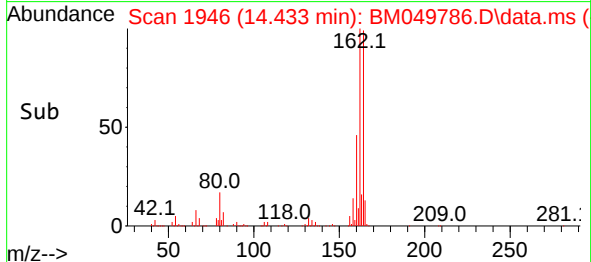
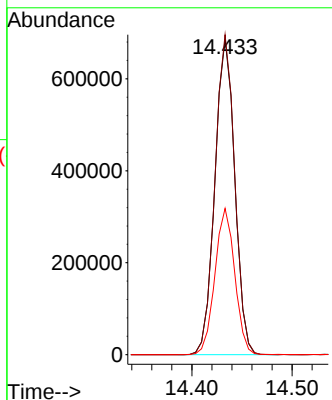


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Instrument :
BNA_M
ClientSampleId :
PB167406BS

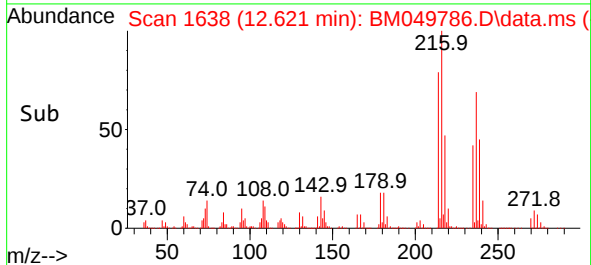
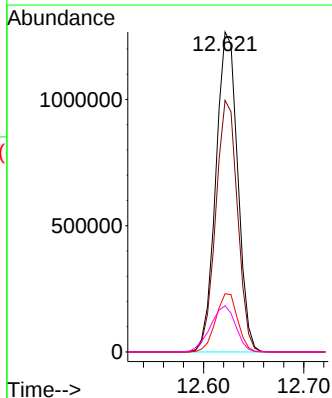
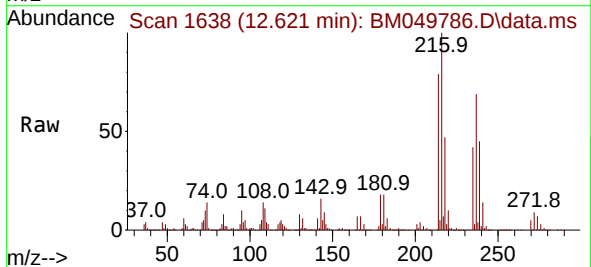


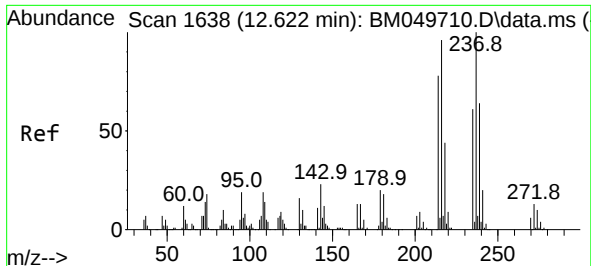
Tgt Ion:164 Resp: 946216
Ion Ratio Lower Upper
164 100
162 101.4 80.5 120.7
160 46.3 36.9 55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.064 ng
RT: 12.621 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

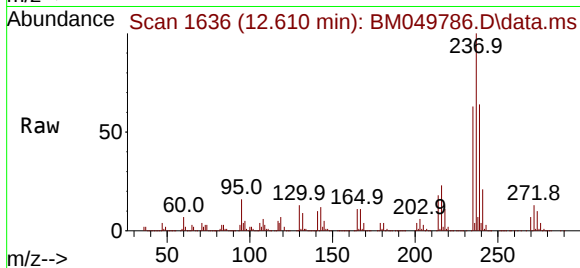
Tgt Ion:216 Resp: 1913839
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 18.4 15.7 23.5
108 16.8 12.2 18.2



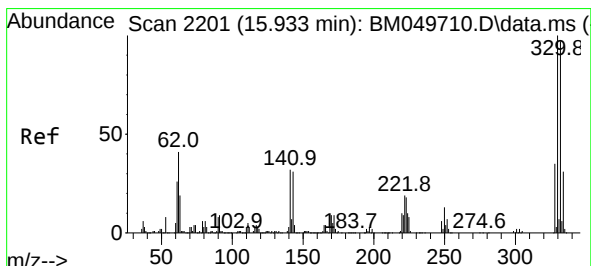
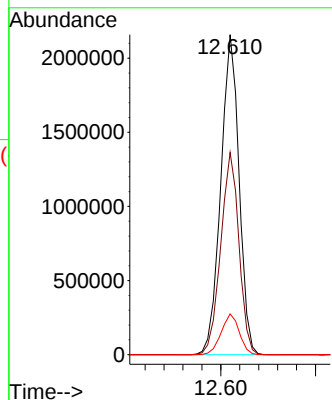
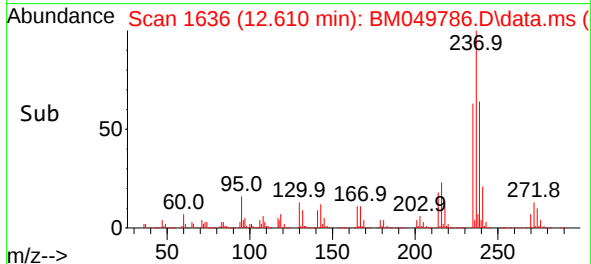


#41
Hexachlorocyclopentadiene
Concen: 224.738 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

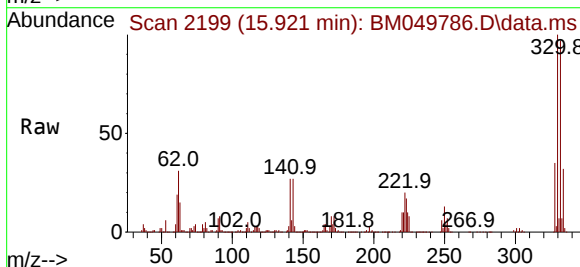
Instrument :
BNA_M
ClientSampleId :
PB167406BS



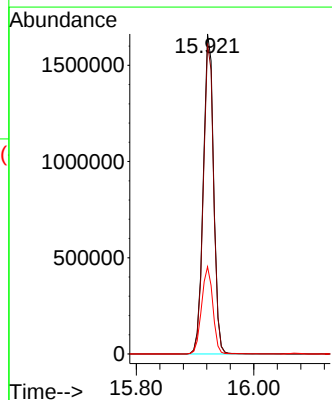
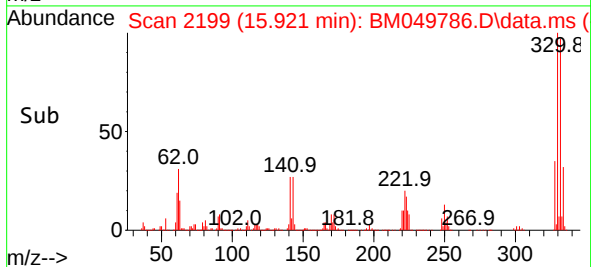
Tgt Ion:237 Resp: 2893751
Ion Ratio Lower Upper
237 100
235 63.2 41.1 81.1
272 12.7 0.0 32.5

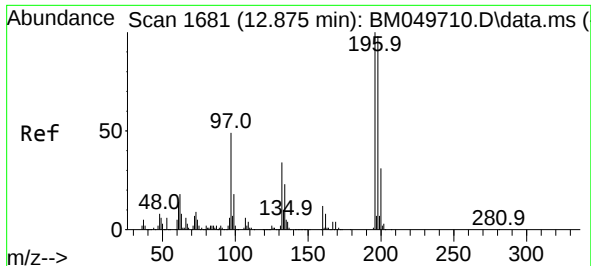


#42
2,4,6-Tribromophenol
Concen: 184.901 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04



Tgt Ion:330 Resp: 2042968
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 29.4 27.8 41.6

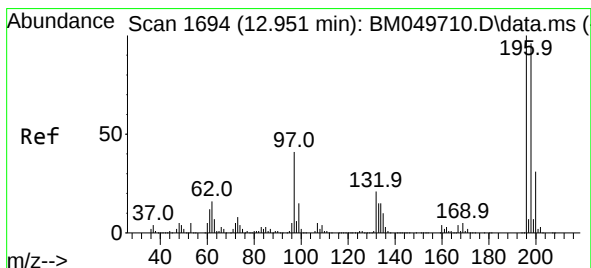
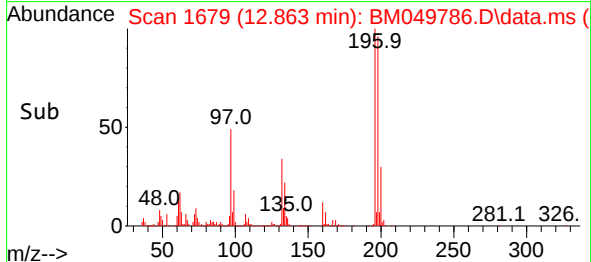
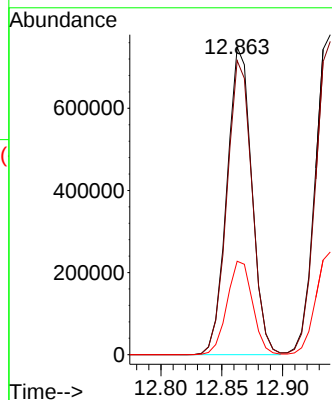
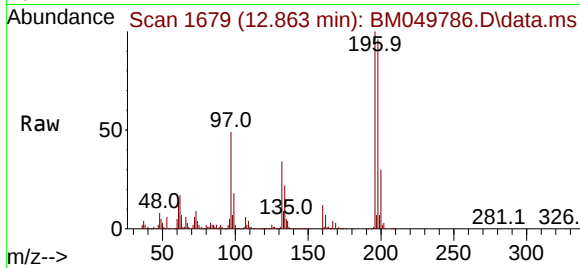




#43
2,4,6-Trichlorophenol
Concen: 54.666 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

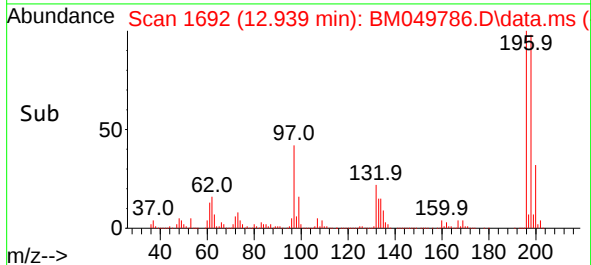
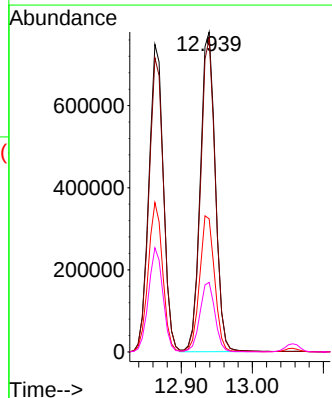
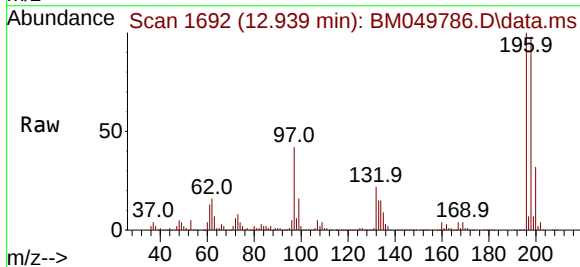
Instrument :
BNA_M
ClientSampleId :
PB167406BS

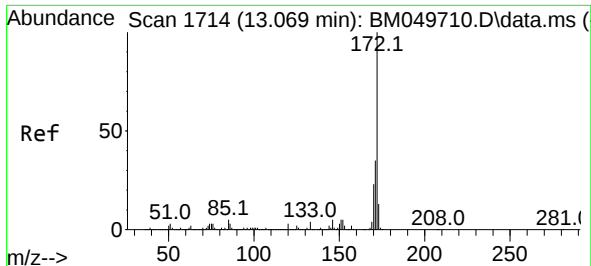
Tgt Ion:196 Resp: 1064114
Ion Ratio Lower Upper
196 100
198 95.6 78.3 117.5
200 30.4 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 53.830 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:196 Resp: 1143476
Ion Ratio Lower Upper
196 100
198 97.9 76.7 115.1
97 41.6 32.9 49.3
132 21.8 16.8 25.2

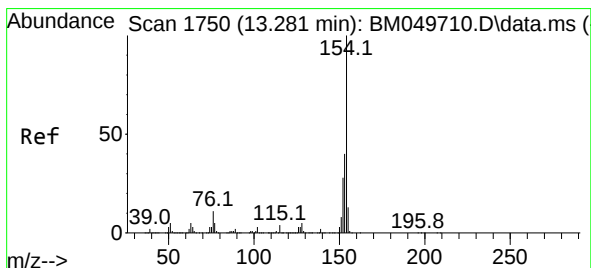
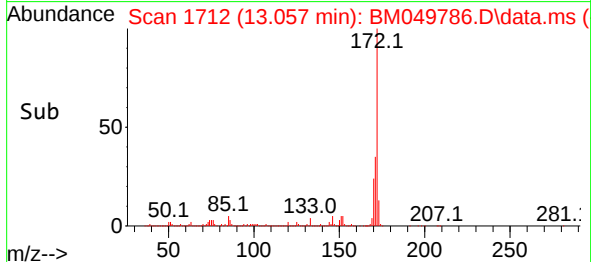
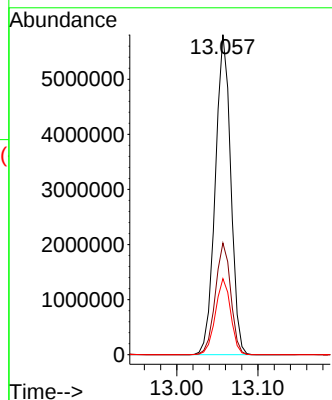
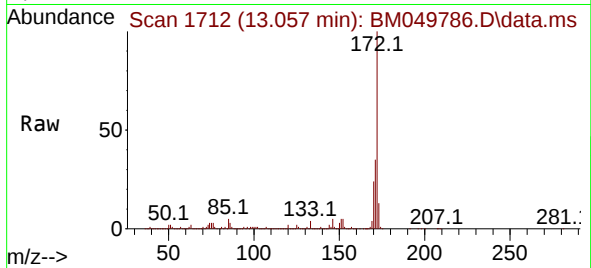




#45
2-Fluorobiphenyl
Concen: 101.585 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

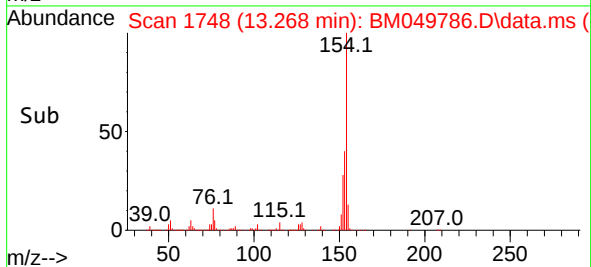
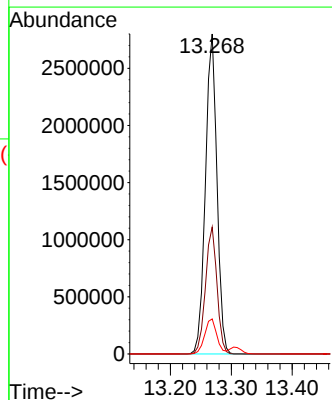
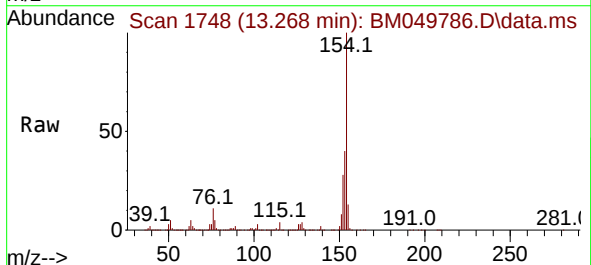
Instrument :
BNA_M
ClientSampleId :
PB167406BS

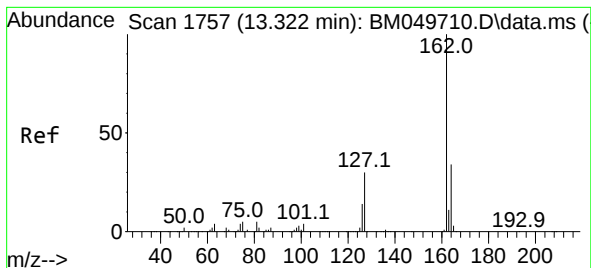
Tgt Ion:172 Resp: 7675139
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 50.362 ng
RT: 13.268 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:154 Resp: 3672671
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 10.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 50.218 ng

RT: 13.310 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

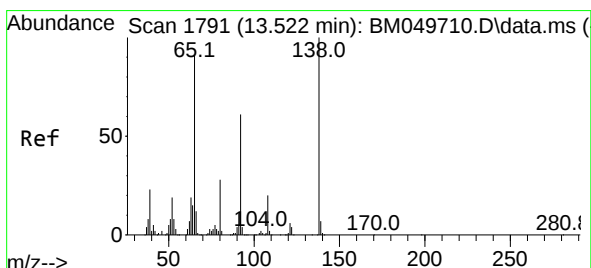
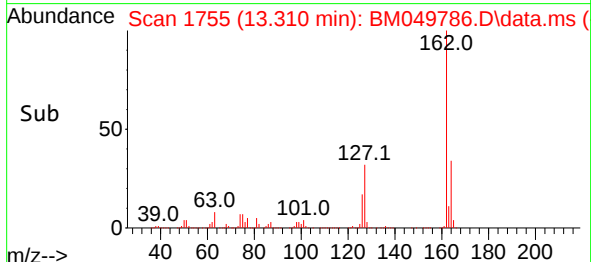
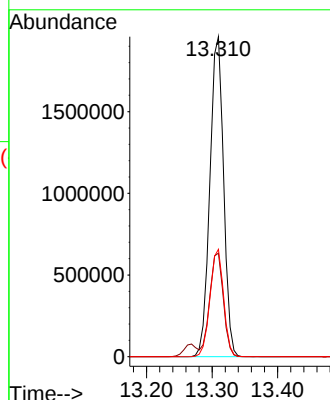
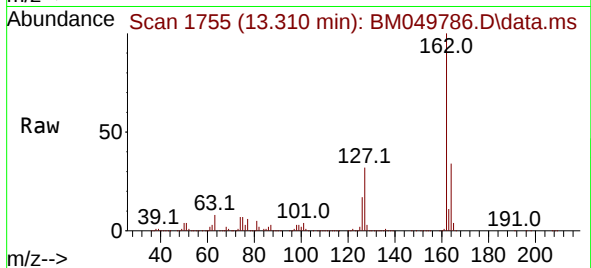
Tgt Ion:162 Resp: 2850549

Ion Ratio Lower Upper

162 100

127 32.3 25.8 38.6

164 33.6 27.1 40.7



#48

2-Nitroaniline

Concen: 54.048 ng

RT: 13.510 min Scan# 1789

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

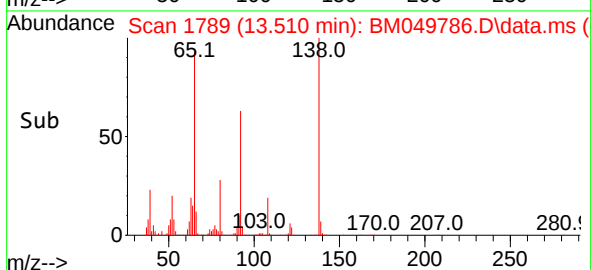
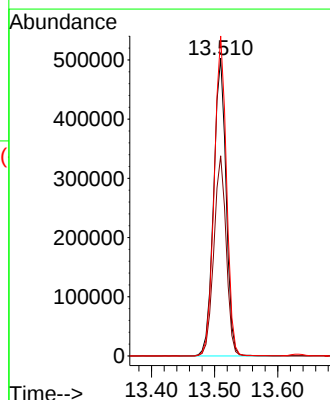
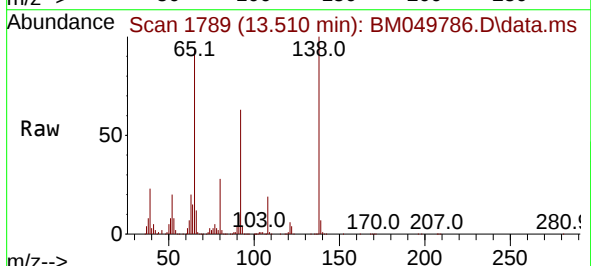
Tgt Ion: 65 Resp: 688711

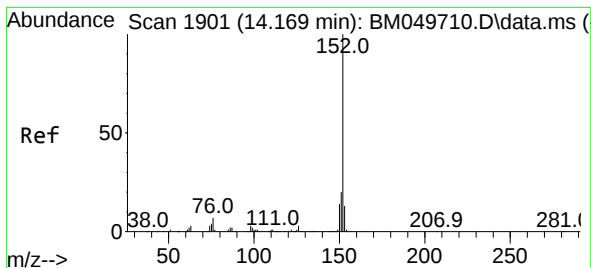
Ion Ratio Lower Upper

65 100

92 67.2 53.4 80.2

138 107.4 87.6 131.4





#49

Acenaphthylene

Concen: 56.040 ng

RT: 14.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

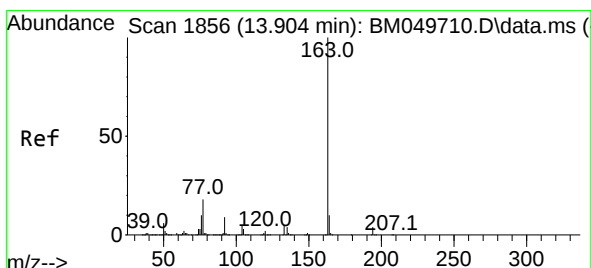
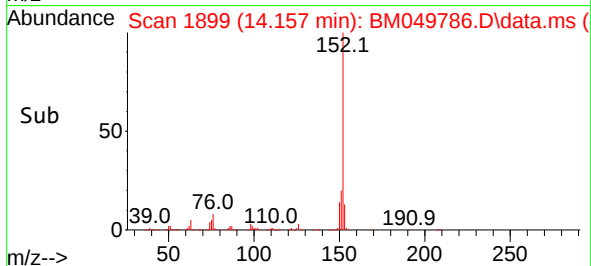
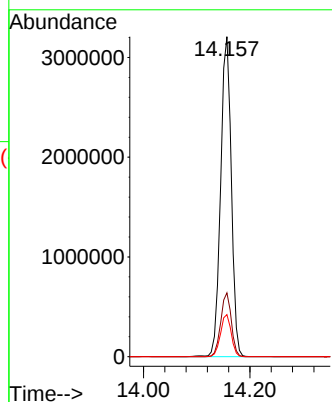
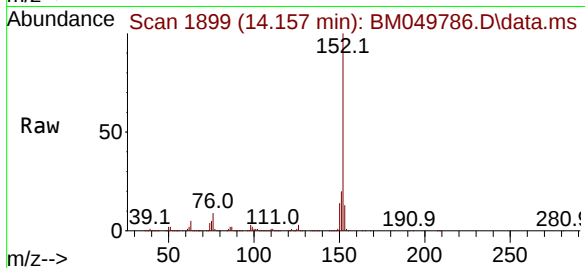
Tgt Ion:152 Resp: 4446323

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 50.420 ng

RT: 13.898 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

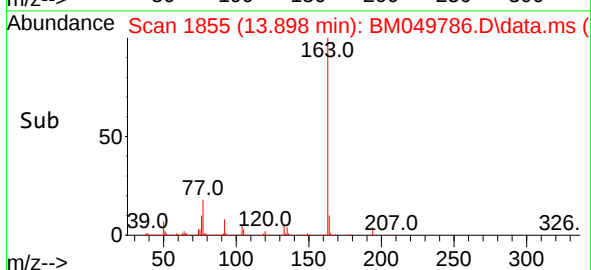
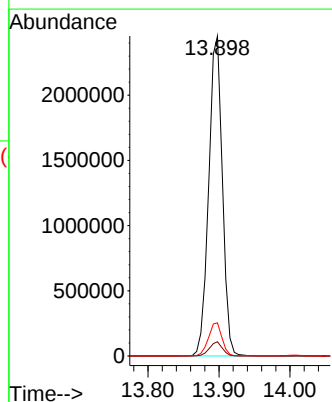
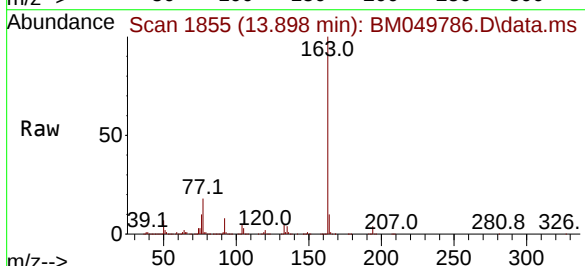
Tgt Ion:163 Resp: 3284697

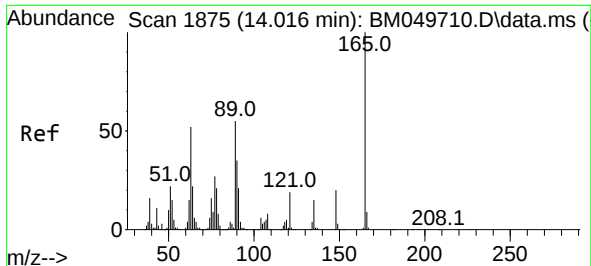
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.3 8.2 12.2

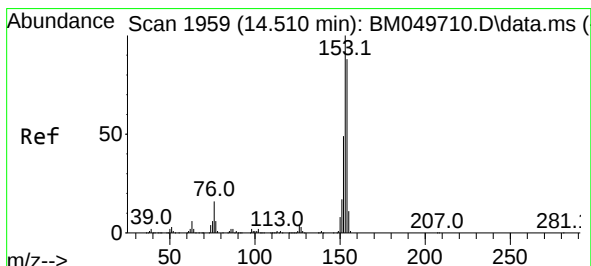
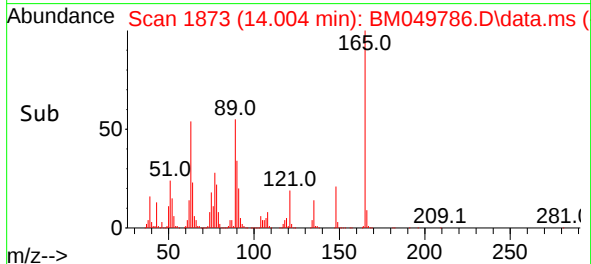
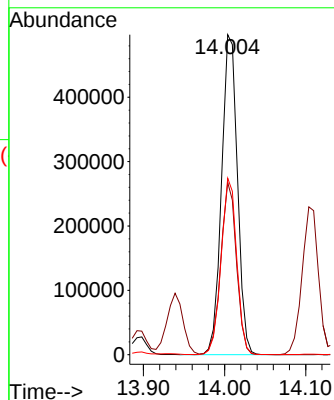
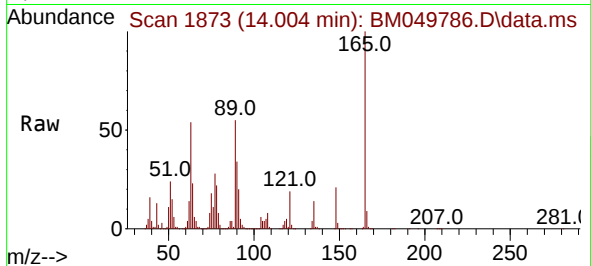




#51
2,6-Dinitrotoluene
Concen: 51.836 ng
RT: 14.004 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

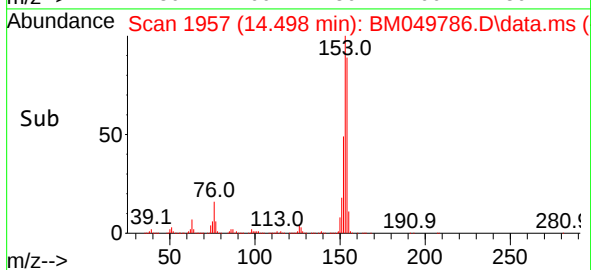
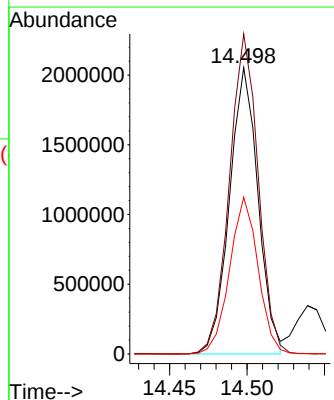
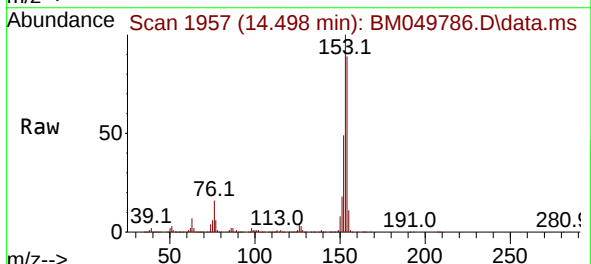
Instrument :
BNA_M
ClientSampleId :
PB167406BS

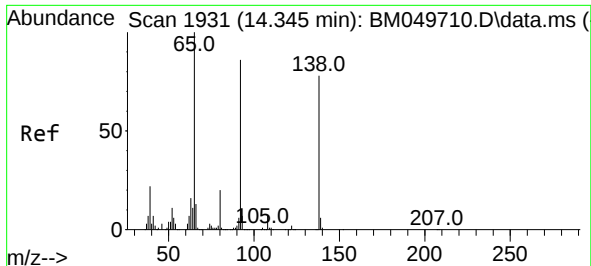
Tgt Ion:165 Resp: 676632
Ion Ratio Lower Upper
165 100
63 53.8 42.3 63.5
89 55.1 43.9 65.9



#52
Acenaphthene
Concen: 50.707 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:154 Resp: 2638967
Ion Ratio Lower Upper
154 100
153 111.8 90.4 135.6
152 54.8 44.2 66.2

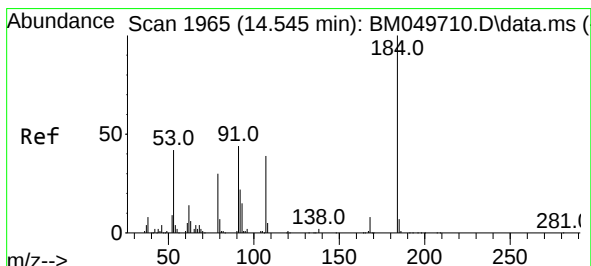
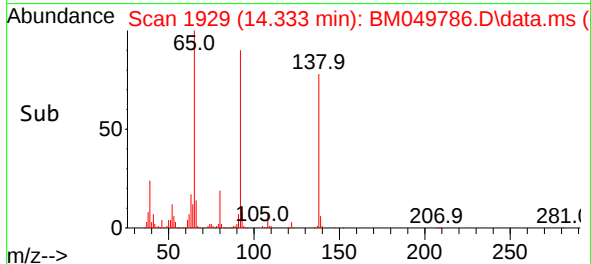
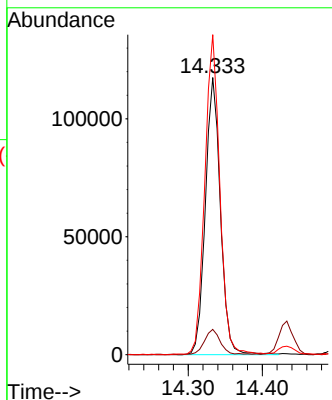
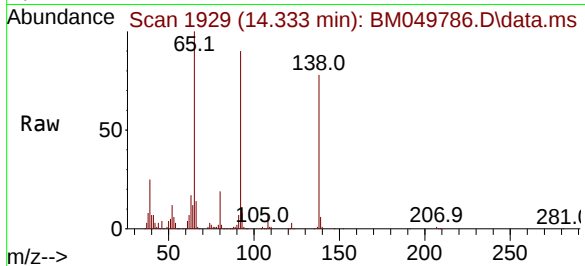




#53
3-Nitroaniline
Concen: 13.352 ng
RT: 14.333 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

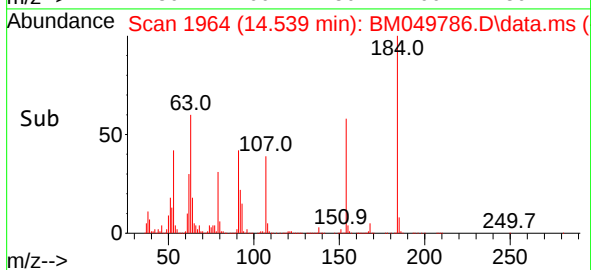
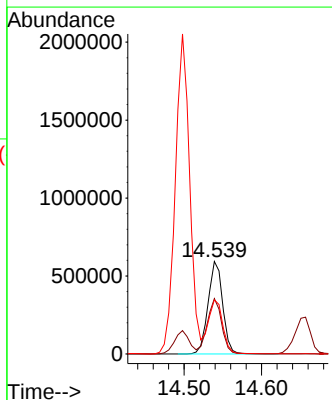
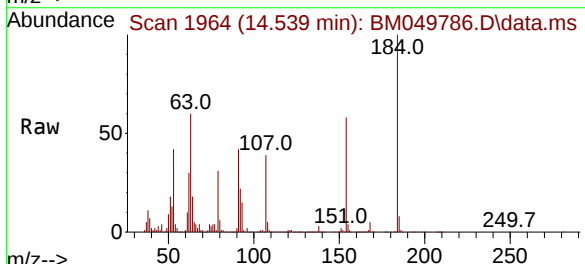
Instrument :
BNA_M
ClientSampleId :
PB167406BS

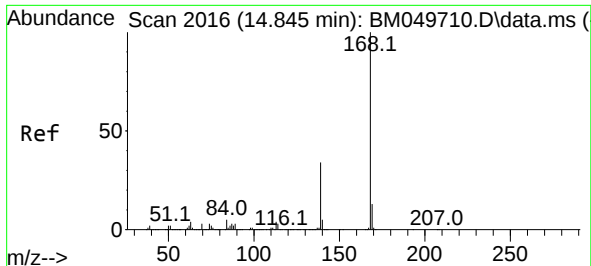
Tgt Ion:138 Resp: 165857
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 115.5 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 89.457 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:184 Resp: 778201
Ion Ratio Lower Upper
184 100
63 59.8 47.2 70.8
154 58.5 49.9 74.9

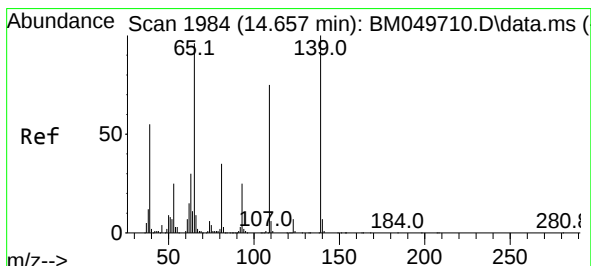
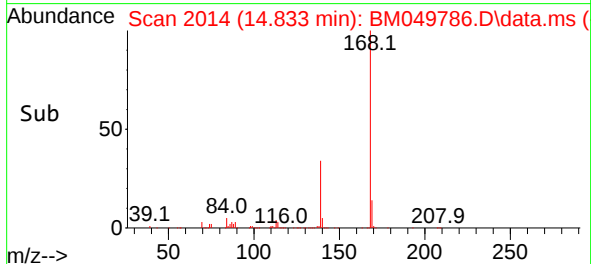
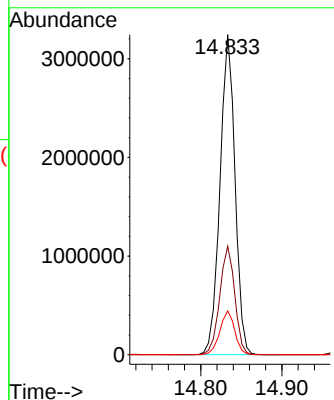
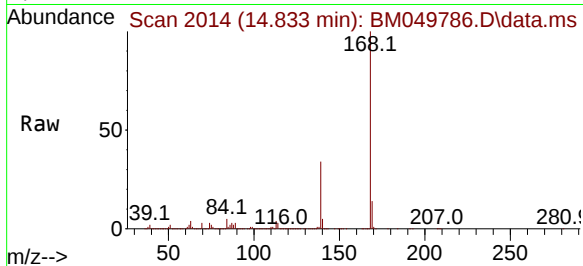




#55
Dibenzenofuran
Concen: 48.152 ng
RT: 14.833 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

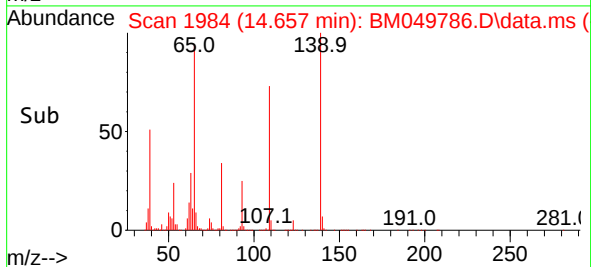
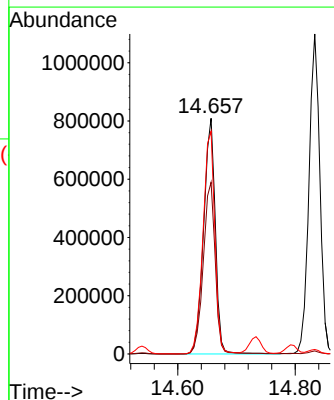
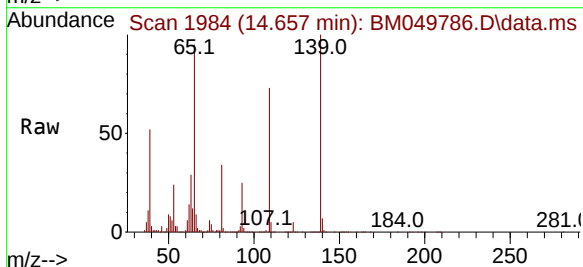
Instrument :
BNA_M
ClientSampleId :
PB167406BS

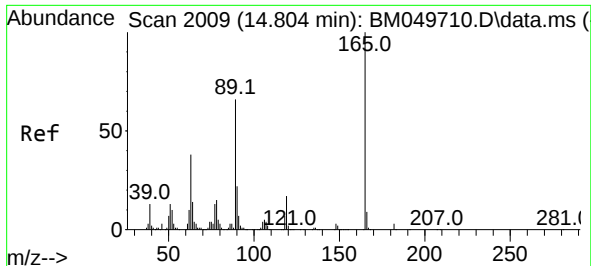
Tgt Ion:168 Resp: 4175761
Ion Ratio Lower Upper
168 100
139 33.9 27.4 41.0
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 103.136 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:139 Resp: 1115163
Ion Ratio Lower Upper
139 100
109 72.9 54.7 94.7
65 94.5 76.2 116.2





#57

2,4-Dinitrotoluene

Concen: 54.538 ng

RT: 14.798 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

Tgt Ion:165 Resp: 916066

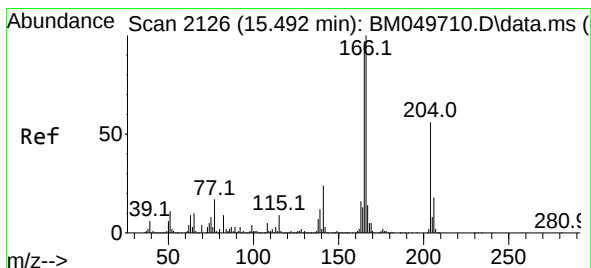
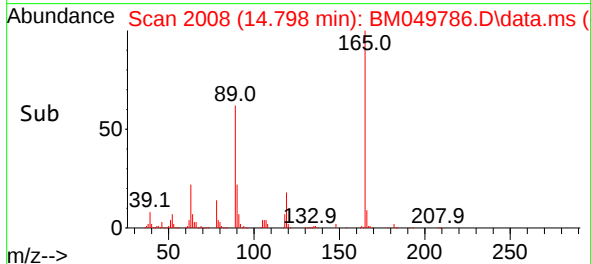
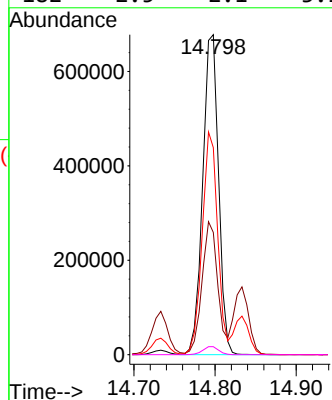
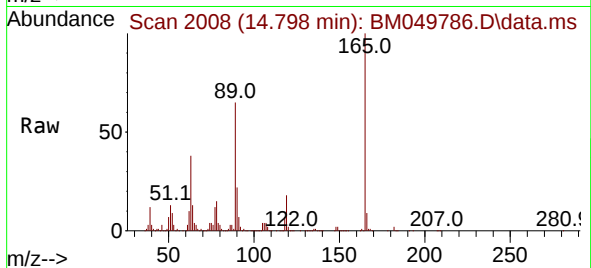
Ion Ratio Lower Upper

165 100

63 38.2 30.8 46.2

89 64.7 53.1 79.7

182 2.5 2.1 3.1



#58

Fluorene

Concen: 53.649 ng

RT: 15.480 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

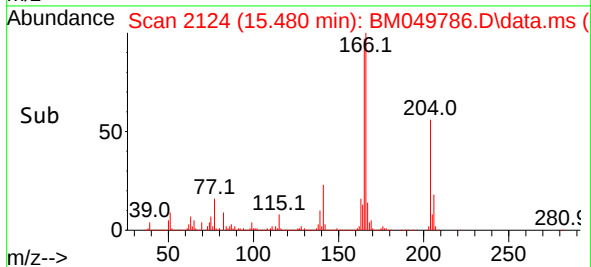
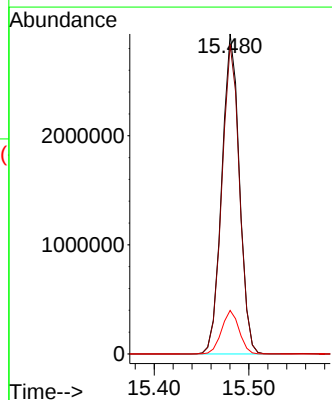
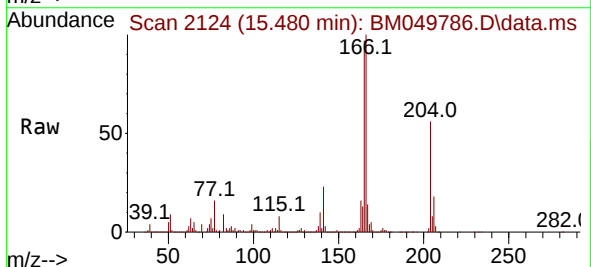
Tgt Ion:166 Resp: 3787989

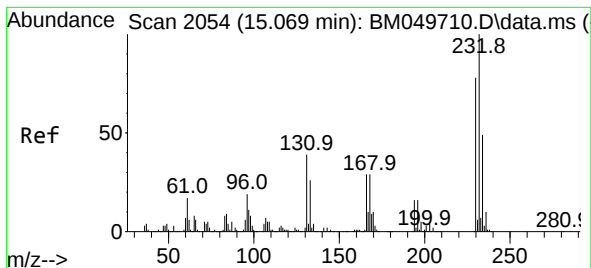
Ion Ratio Lower Upper

166 100

165 96.7 77.5 116.3

167 13.6 10.9 16.3

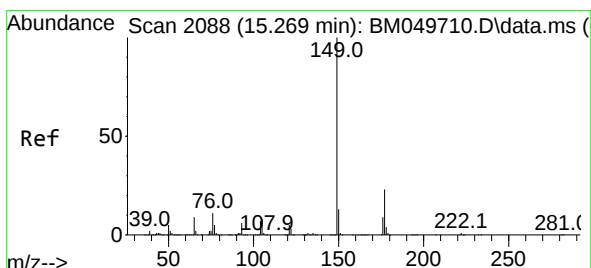
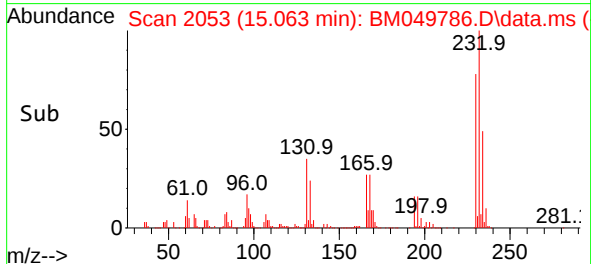
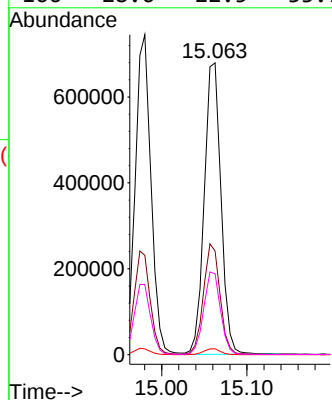
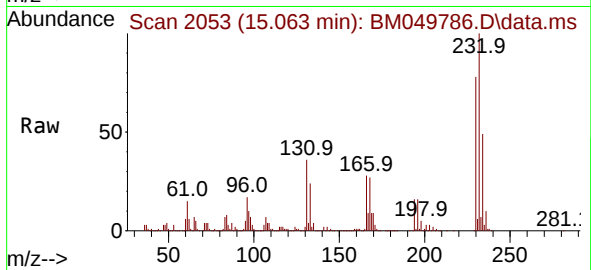




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.146 ng
RT: 15.063 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

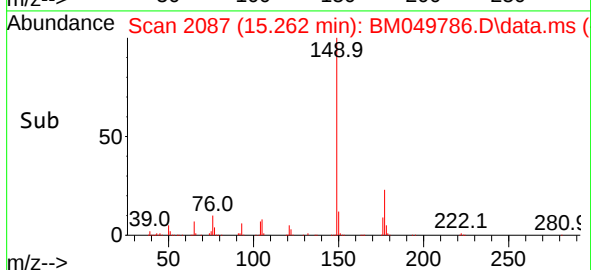
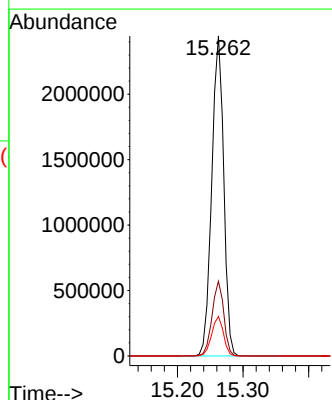
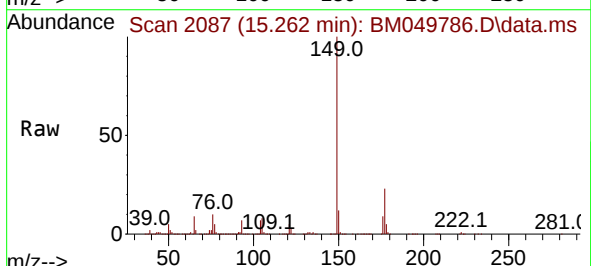
Instrument :
BNA_M
ClientSampleId :
PB167406BS

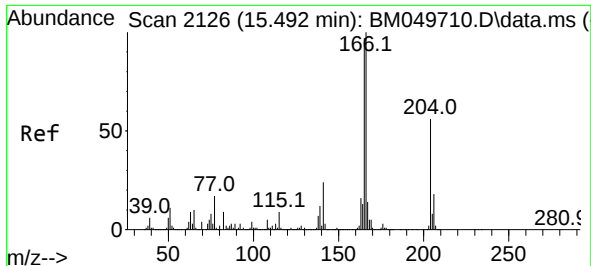
Tgt Ion:232 Resp: 927218
Ion Ratio Lower Upper
232 100
131 37.7 30.0 45.0
130 2.1 1.6 2.4
166 28.6 22.5 33.7



#60
Diethylphthalate
Concen: 50.497 ng
RT: 15.262 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:149 Resp: 3098324
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.4 10.0 15.0

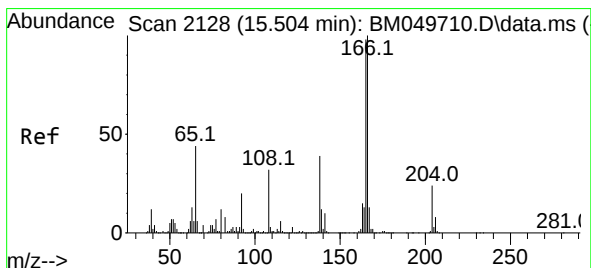
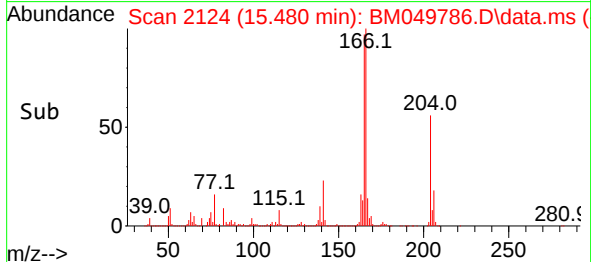
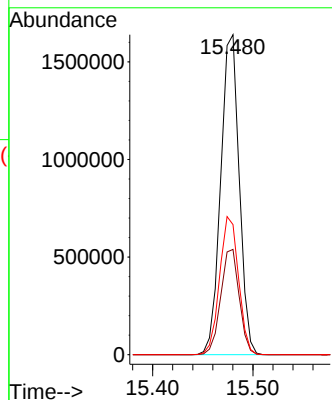
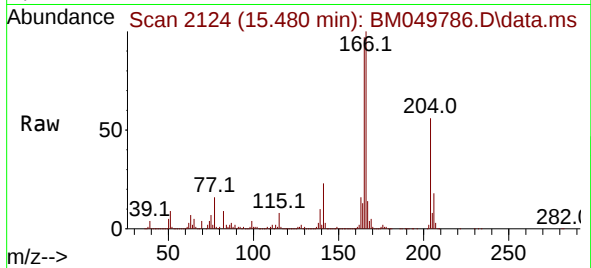




#61
4-Chlorophenyl-phenylether
Concen: 54.492 ng
RT: 15.480 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

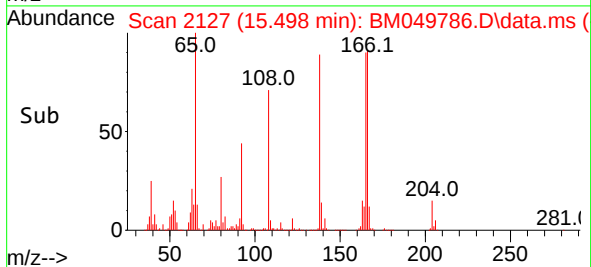
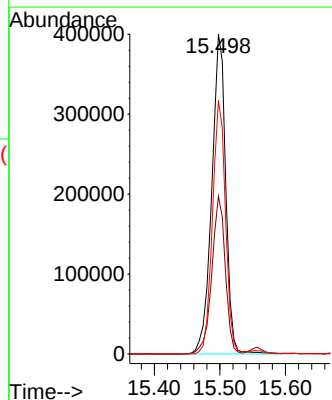
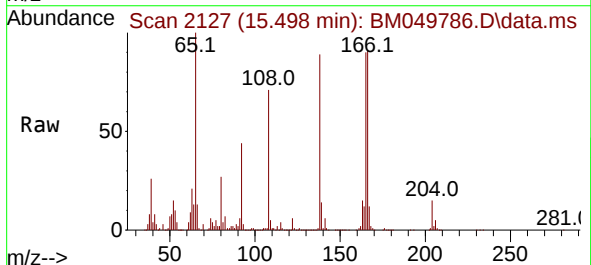
Instrument :
BNA_M
ClientSampleId :
PB167406BS

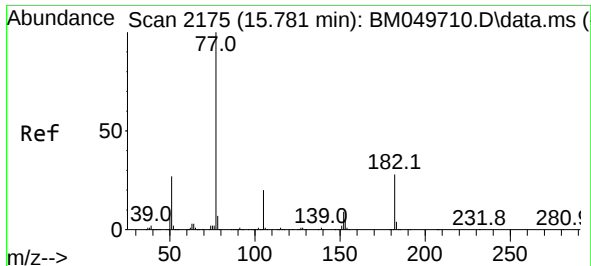
Tgt Ion:204 Resp: 2100964
Ion Ratio Lower Upper
204 100
206 32.9 25.2 37.8
141 40.6 34.5 51.7



#62
4-Nitroaniline
Concen: 40.749 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:138 Resp: 593143
Ion Ratio Lower Upper
138 100
92 49.2 29.8 69.8
108 79.2 61.3 101.3



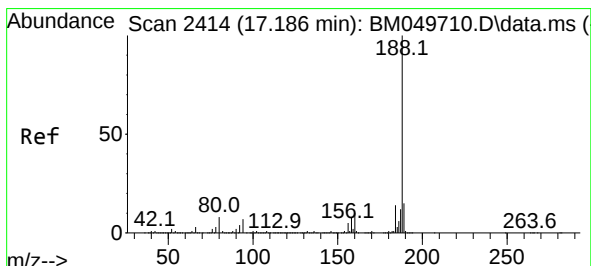
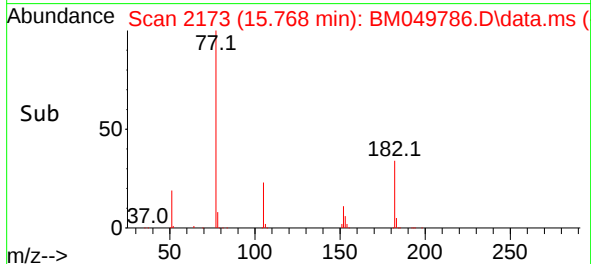
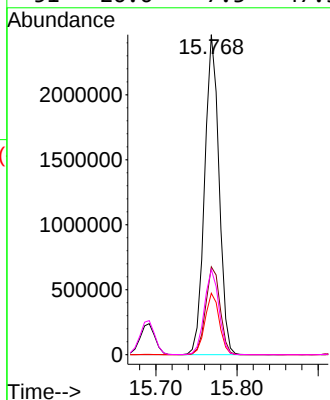
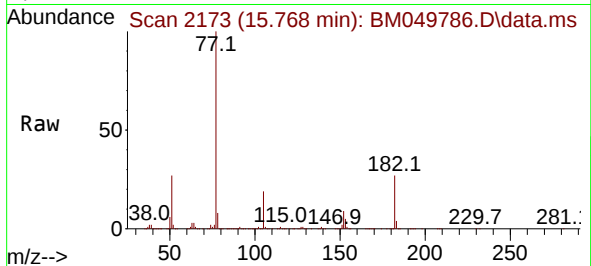


#63
Azobenzene
Concen: 51.421 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Instrument :
BNA_M
ClientSampleId :
PB167406BS

Tgt Ion: 77 Resp: 3013550

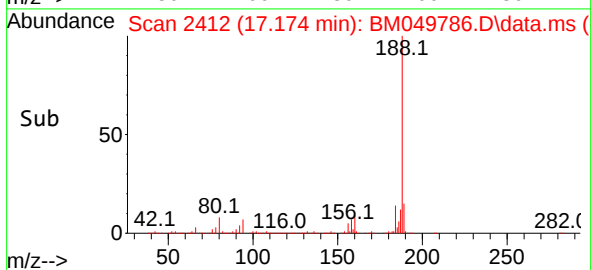
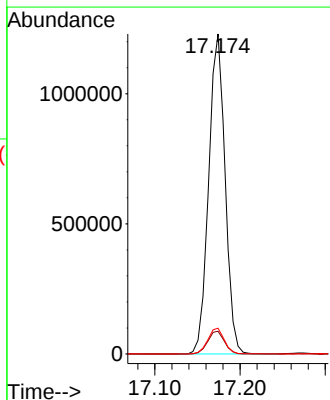
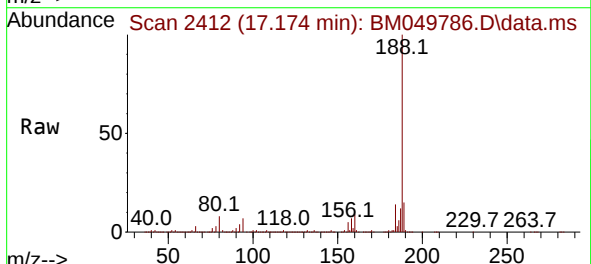
Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.0	48.0
105	19.2	0.0	40.0
51	26.6	7.3	47.3

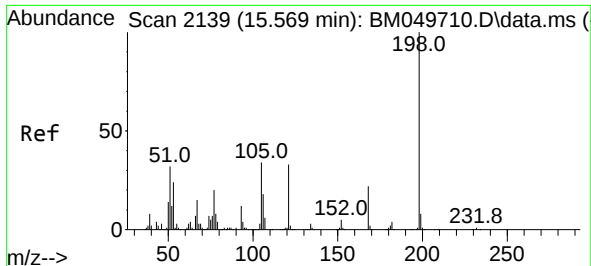


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion: 188 Resp: 1645965

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	8.1	6.3	9.5

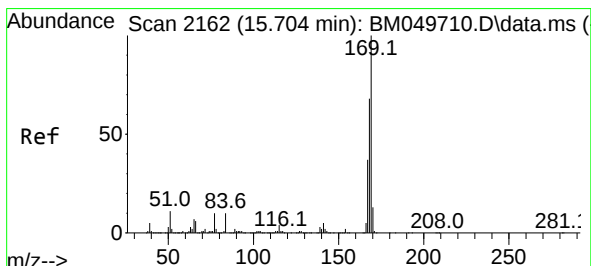
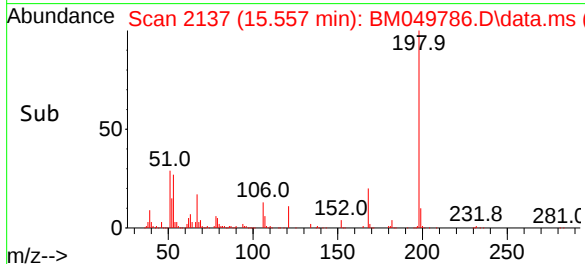
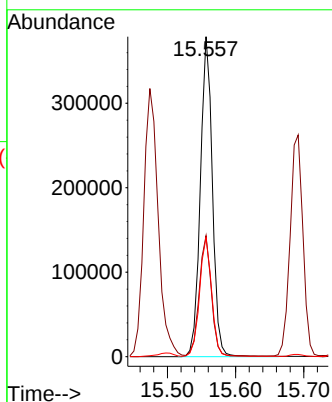
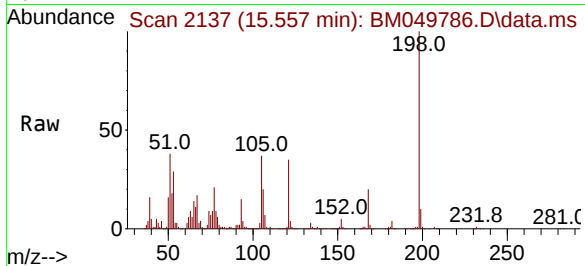




#65
4,6-Dinitro-2-methylphenol
Concen: 51.134 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

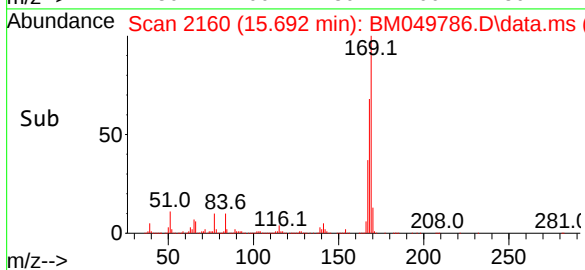
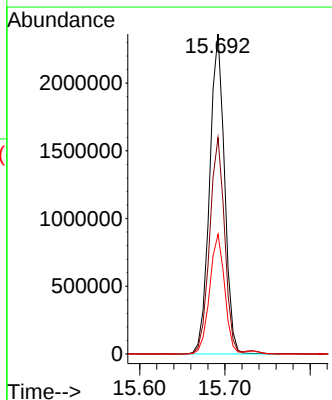
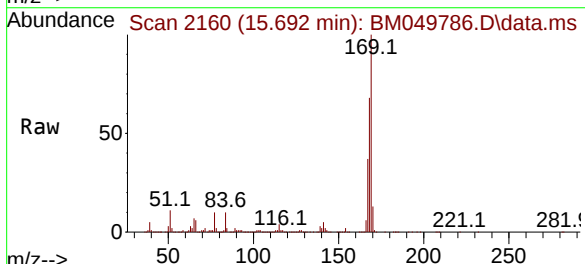
Instrument :
BNA_M
ClientSampleId :
PB167406BS

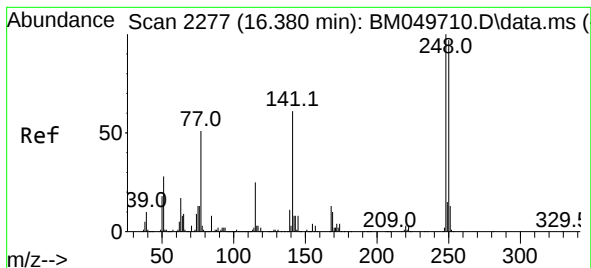
Tgt Ion:198 Resp: 465555
Ion Ratio Lower Upper
198 100
51 37.8 13.8 53.8
105 37.2 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 57.626 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:169 Resp: 2873798
Ion Ratio Lower Upper
169 100
168 67.6 54.8 82.2
167 37.4 29.9 44.9

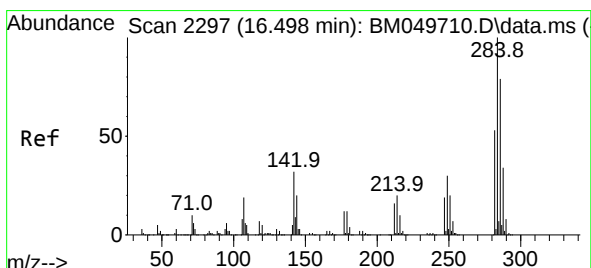
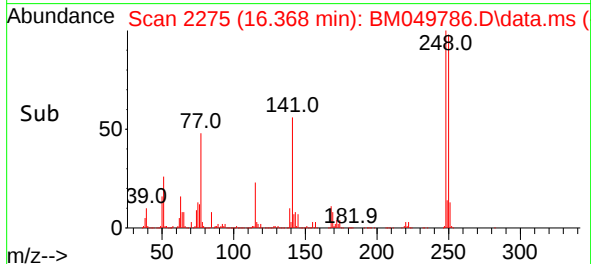
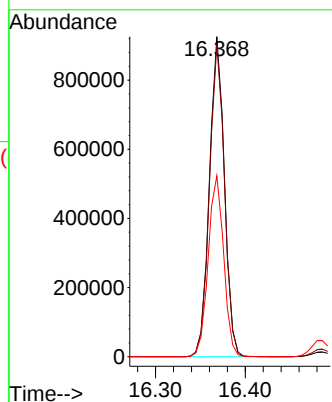
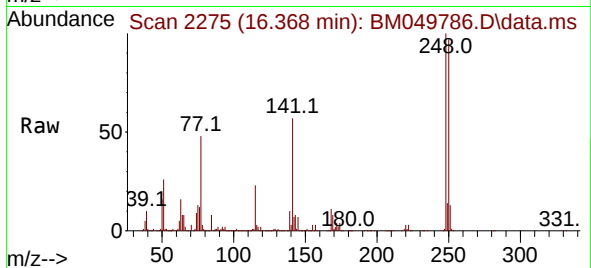




#67
4-Bromophenyl-phenylether
Concen: 56.588 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

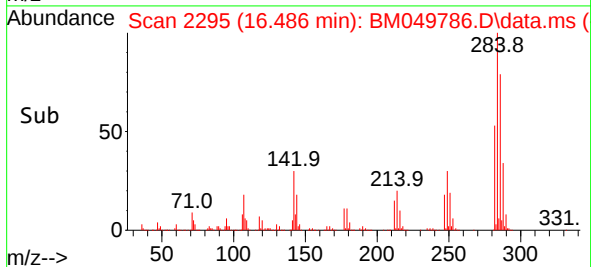
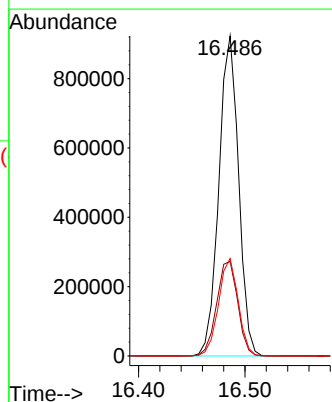
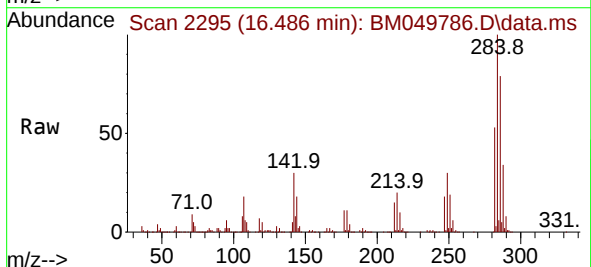
Instrument :
BNA_M
ClientSampleId :
PB167406BS

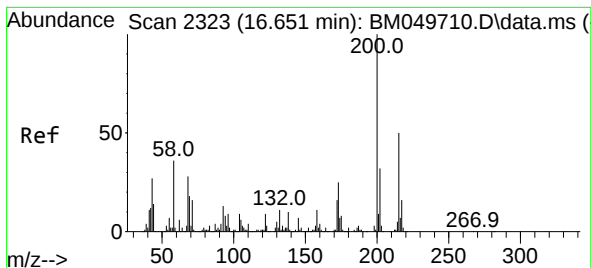
Tgt Ion:248 Resp: 1075376
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 56.5 48.6 73.0



#68
Hexachlorobenzene
Concen: 55.430 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:284 Resp: 1184545
Ion Ratio Lower Upper
284 100
142 29.6 25.5 38.3
249 30.5 24.2 36.2





#69

Atrazine

Concen: 83.414 ng

RT: 16.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

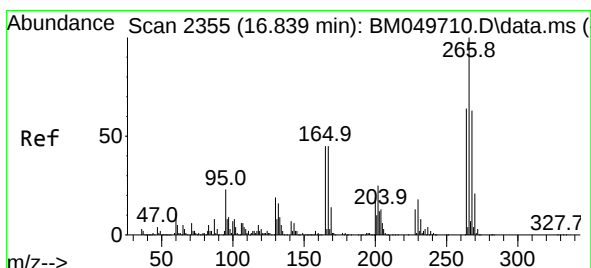
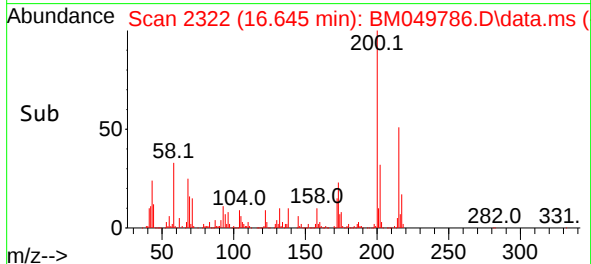
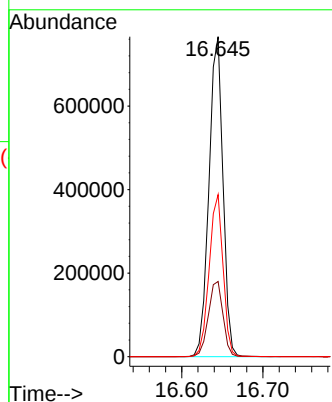
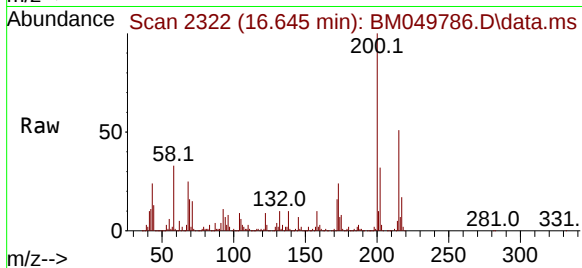
Tgt Ion:200 Resp: 916753

Ion Ratio Lower Upper

200 100

173 23.5 5.4 45.4

215 50.7 29.8 69.8



#70

Pentachlorophenol

Concen: 123.429 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

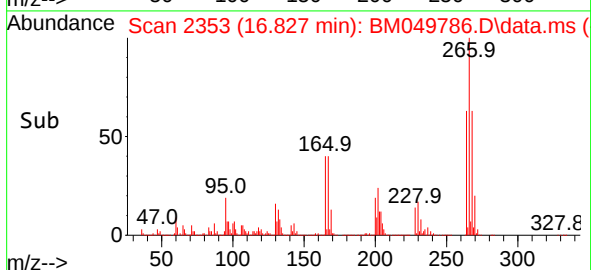
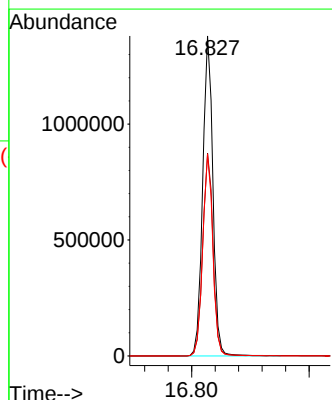
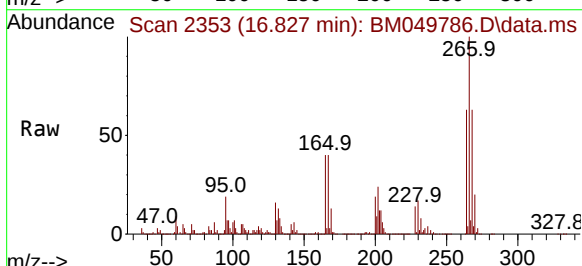
Tgt Ion:266 Resp: 1657590

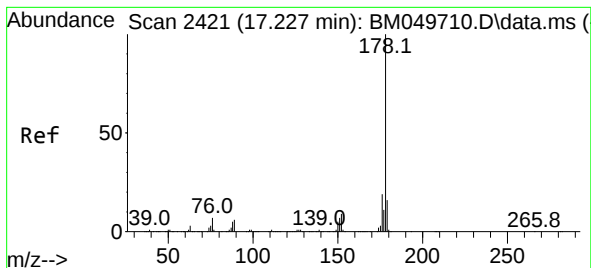
Ion Ratio Lower Upper

266 100

268 63.4 50.2 75.2

264 63.1 51.3 76.9





#71

Phenanthrene

Concen: 53.886 ng

RT: 17.215 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

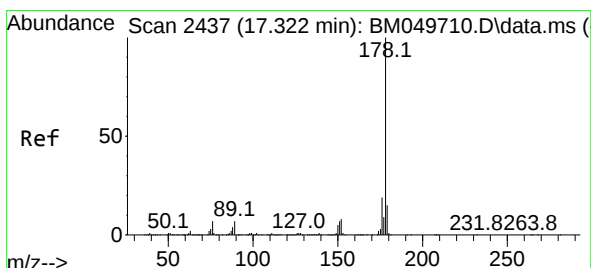
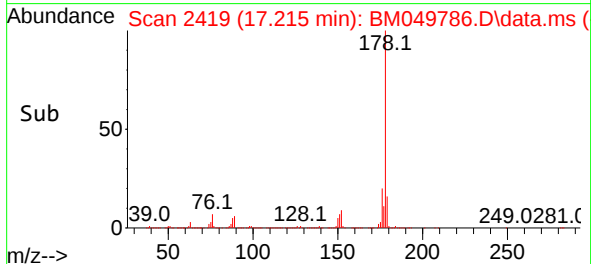
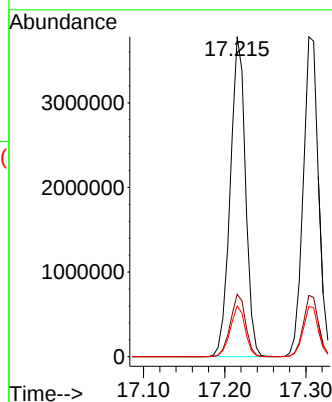
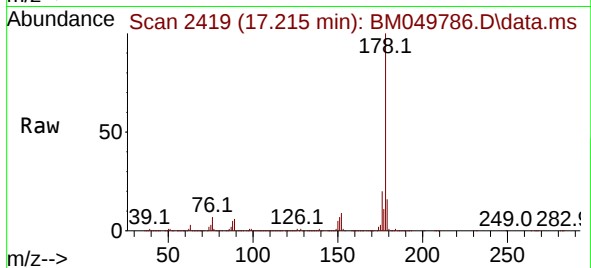
Tgt Ion:178 Resp: 4924988

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.8 12.5 18.7



#72

Anthracene

Concen: 56.184 ng

RT: 17.304 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

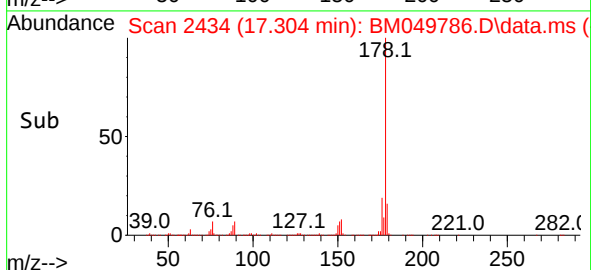
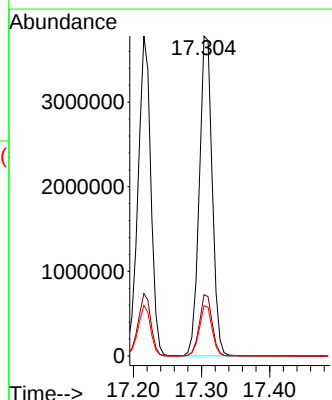
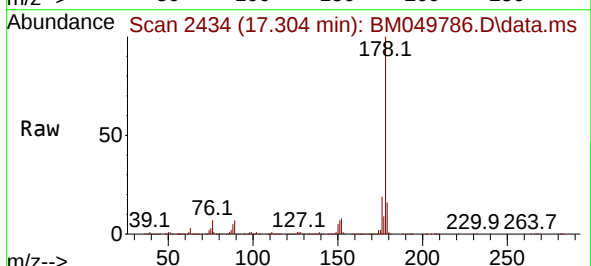
Tgt Ion:178 Resp: 4972993

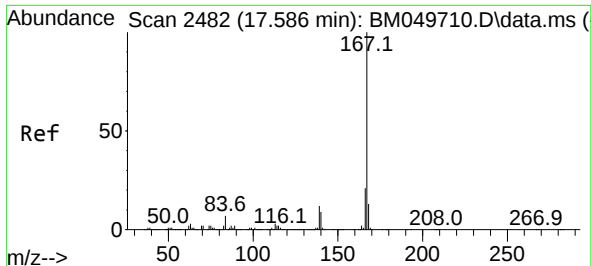
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.7 12.4 18.6

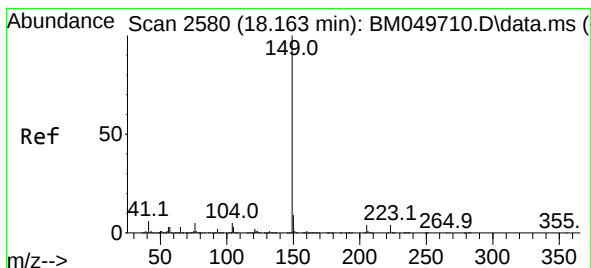
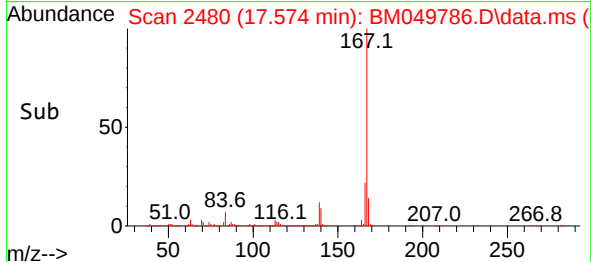
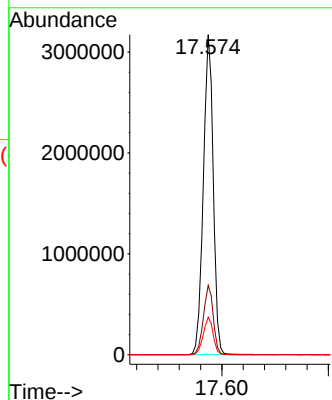
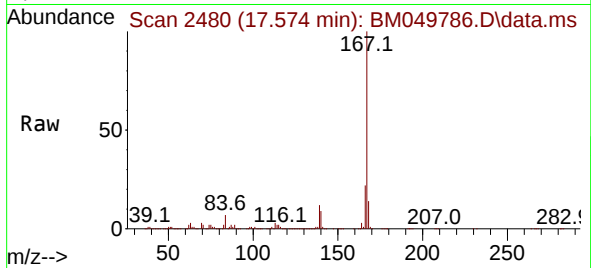




#73
 Carbazole
 Concen: 50.879 ng
 RT: 17.574 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM049786.D
 Acq: 02 Apr 2025 12:04

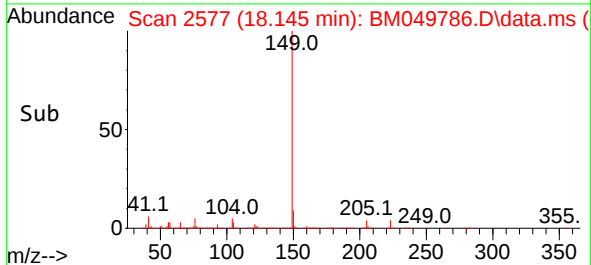
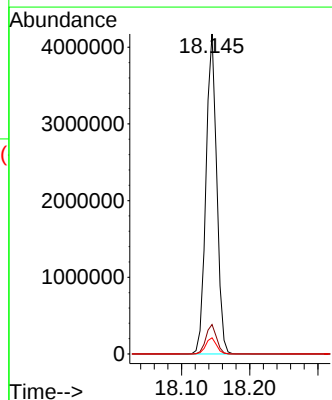
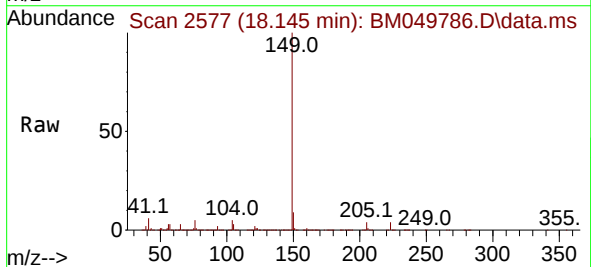
Instrument :
 BNA_M
 ClientSampleId :
 PB167406BS

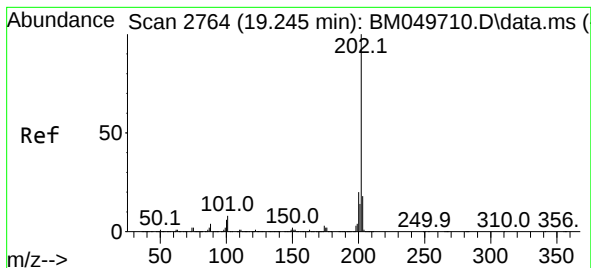
Tgt Ion:167 Resp: 4078509
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 11.7 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 52.000 ng
 RT: 18.145 min Scan# 2577
 Delta R.T. -0.018 min
 Lab File: BM049786.D
 Acq: 02 Apr 2025 12:04

Tgt Ion:149 Resp: 4568648
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 48.068 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

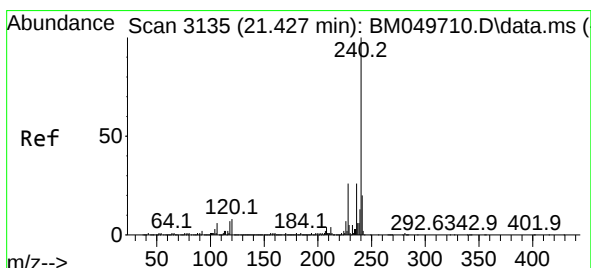
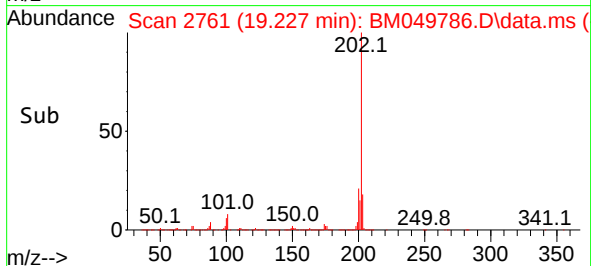
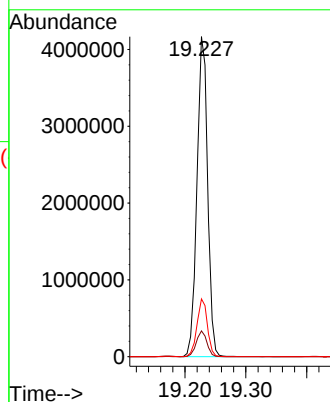
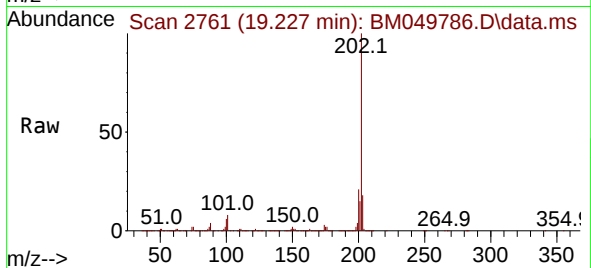
Tgt Ion:202 Resp: 5057930

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.8

203 18.0 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: BM049786.D

Acq: 02 Apr 2025 12:04

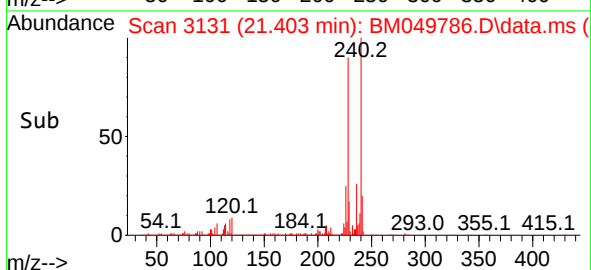
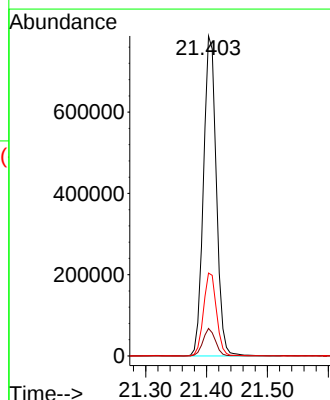
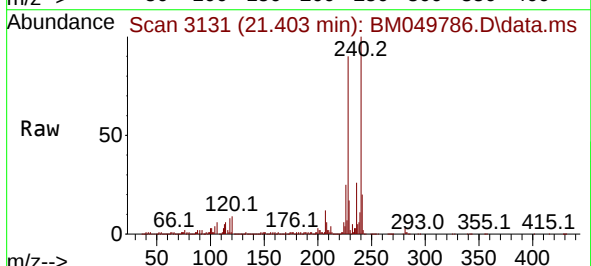
Tgt Ion:240 Resp: 1157815

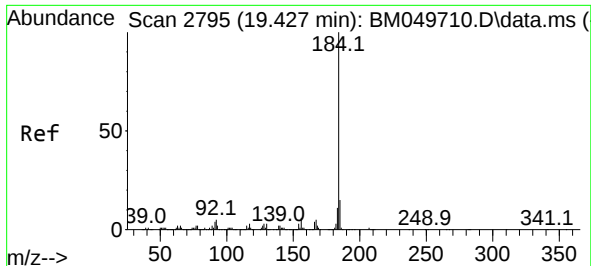
Ion Ratio Lower Upper

240 100

120 8.6 6.5 9.7

236 25.9 20.7 31.1

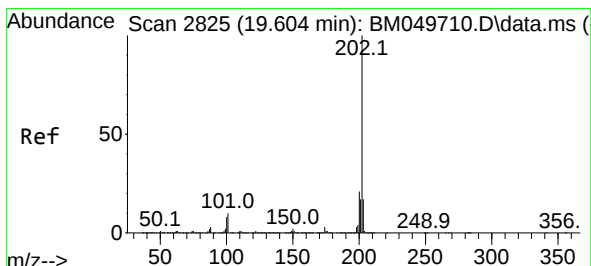
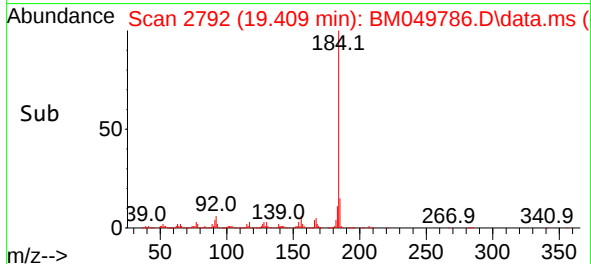
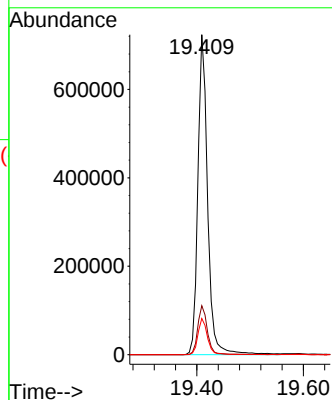
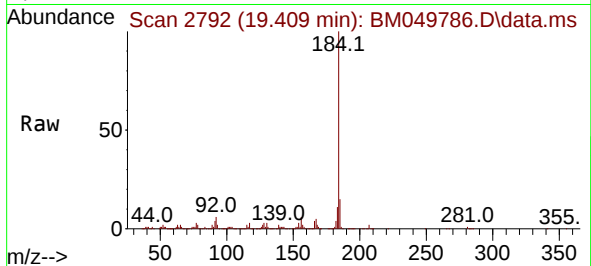




#77
Benzidine
Concen: 66.327 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

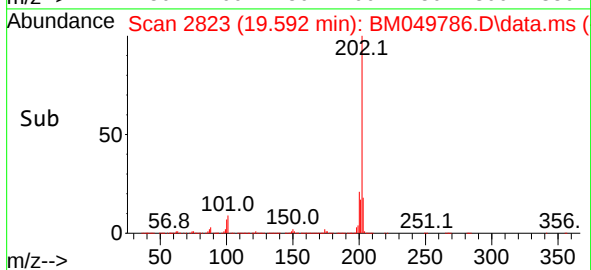
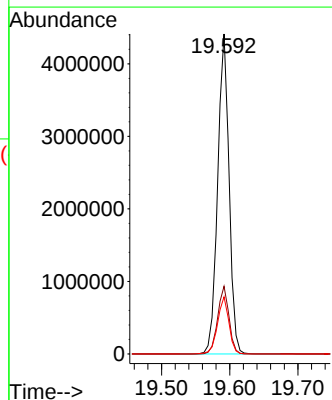
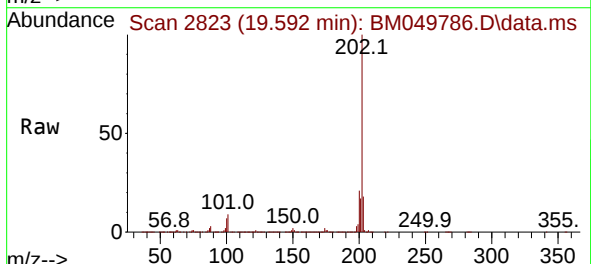
Instrument :
BNA_M
ClientSampleId :
PB167406BS

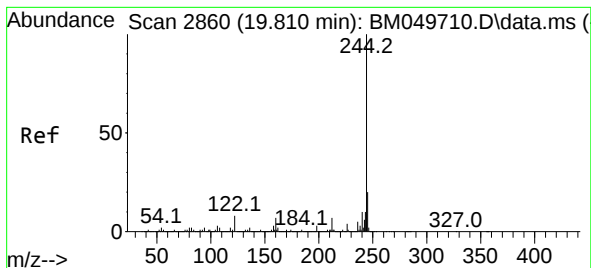
Tgt Ion:184 Resp: 922609
Ion Ratio Lower Upper
184 100
185 15.3 11.7 17.5
183 11.3 8.8 13.2



#78
Pyrene
Concen: 63.335 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:202 Resp: 5123263
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.9 14.0 21.0





#79

Terphenyl-d14

Concen: 133.047 ng

RT: 19.797 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

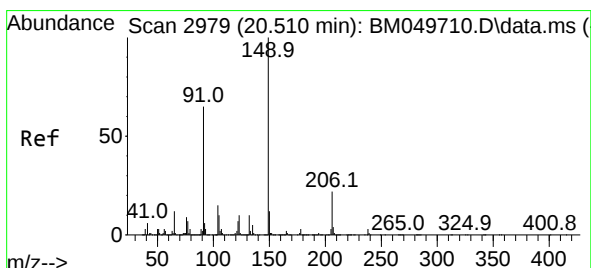
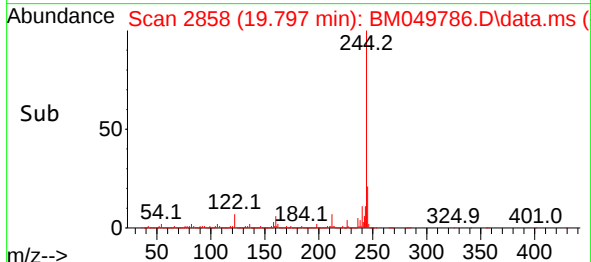
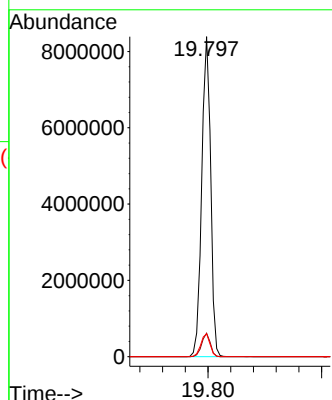
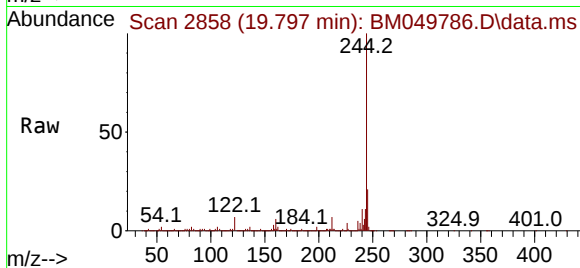
Tgt Ion:244 Resp: 9141373

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 7.1 6.0 9.0



#80

Butylbenzylphthalate

Concen: 59.444 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.018 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

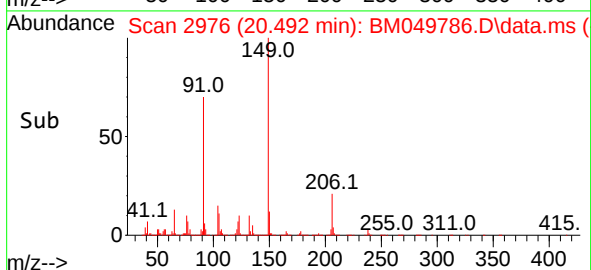
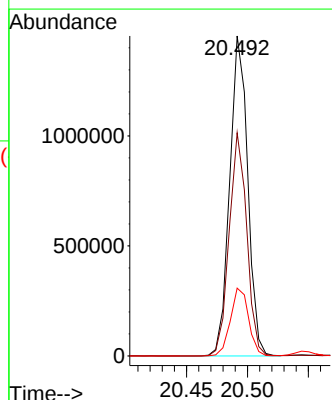
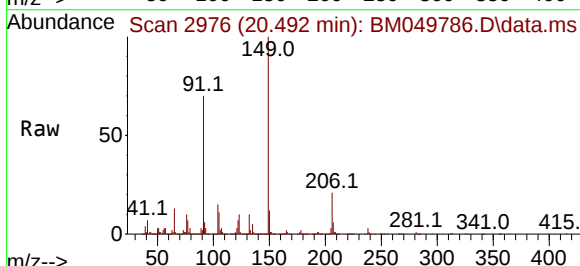
Tgt Ion:149 Resp: 1492271

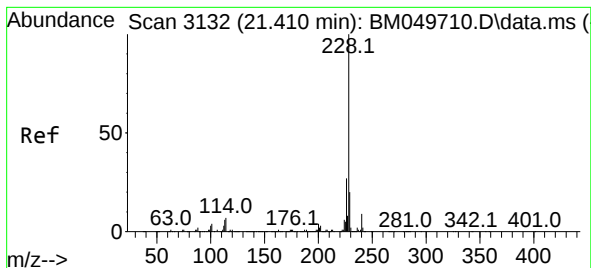
Ion Ratio Lower Upper

149 100

91 69.8 52.2 78.4

206 21.2 17.6 26.4





#81

Benzo(a)anthracene

Concen: 54.437 ng

RT: 21.386 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

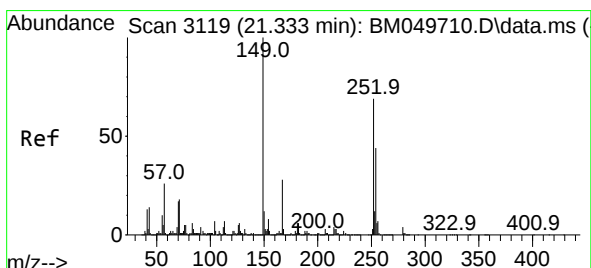
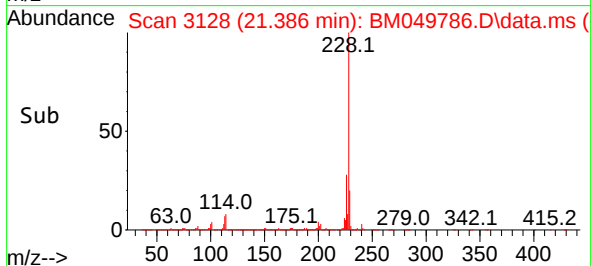
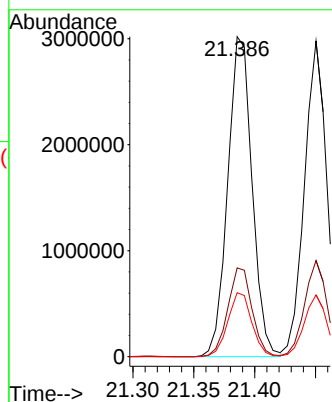
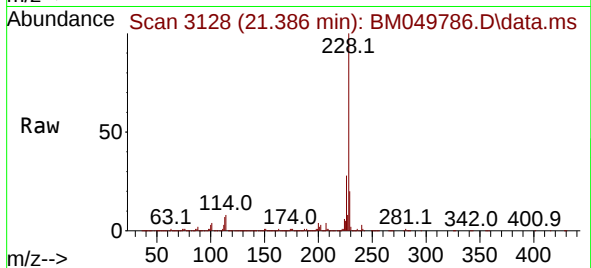
Tgt Ion:228 Resp: 4209817

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 18.047 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

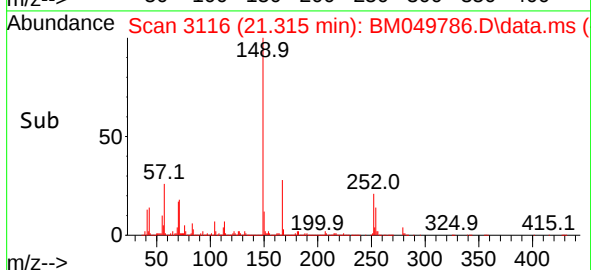
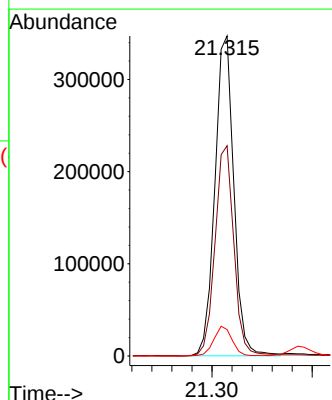
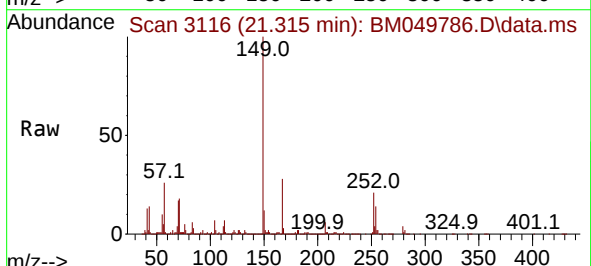
Tgt Ion:252 Resp: 454383

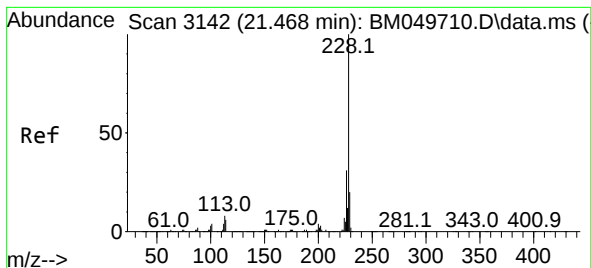
Ion Ratio Lower Upper

252 100

254 65.7 51.0 76.4

126 8.2 6.3 9.5





#83

Chrysene

Concen: 52.318 ng

RT: 21.450 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

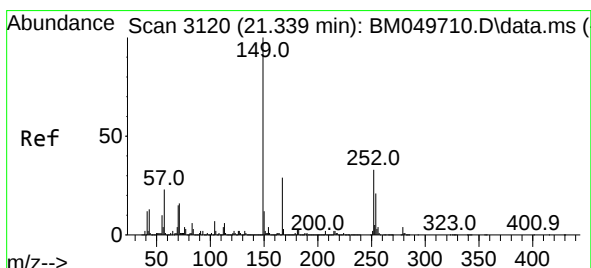
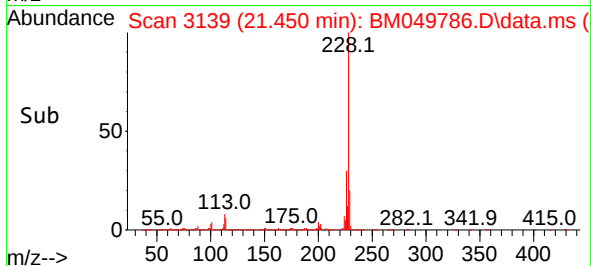
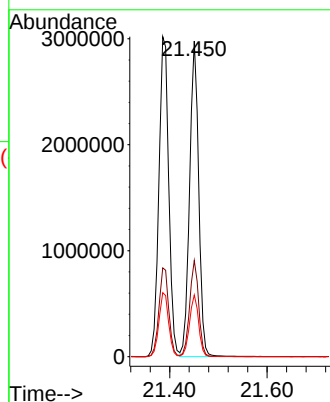
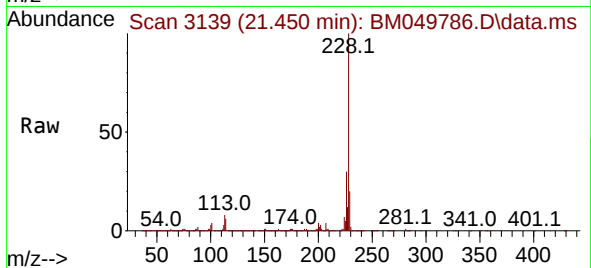
Tgt Ion:228 Resp: 3835327

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.719 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

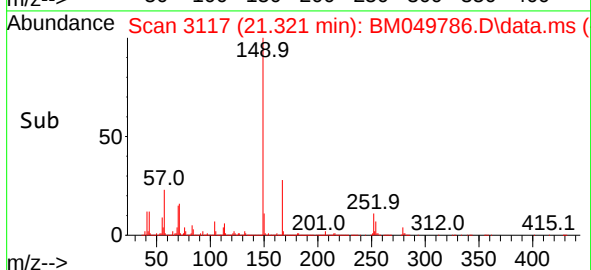
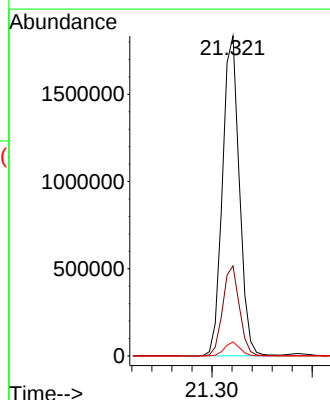
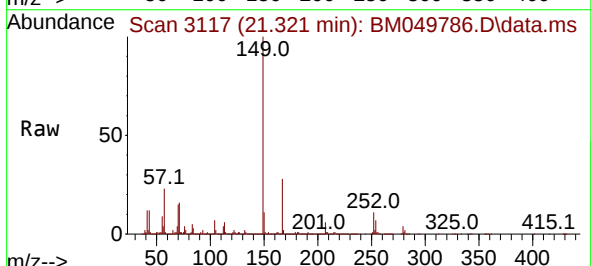
Tgt Ion:149 Resp: 2140790

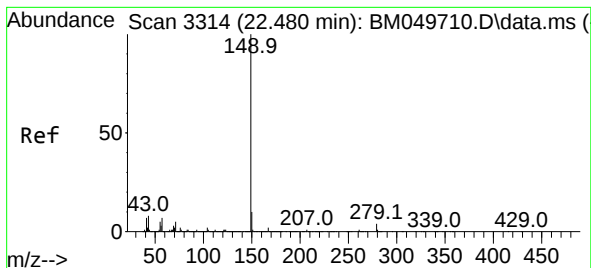
Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.406 ng

RT: 22.456 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

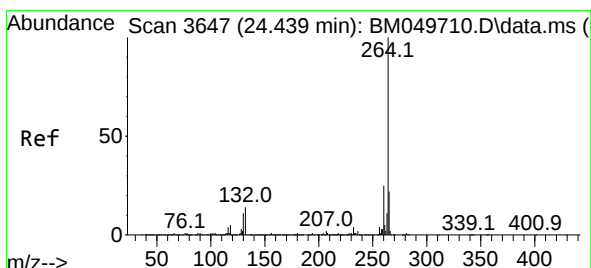
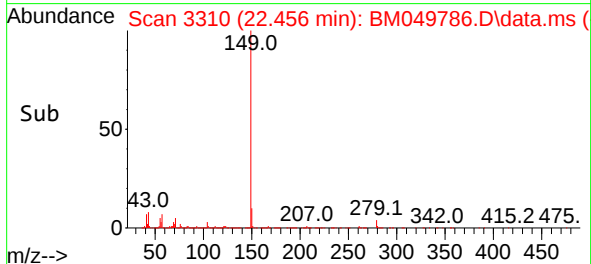
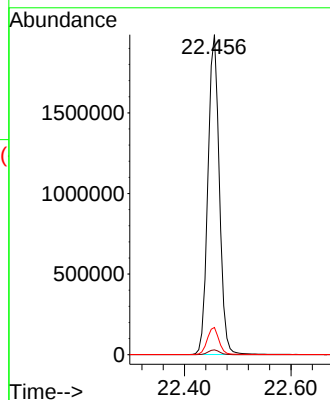
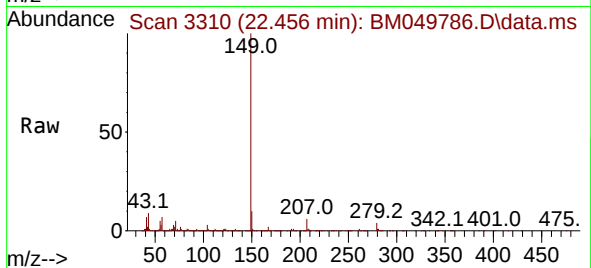
Tgt Ion:149 Resp: 2943490

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 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: BM049786.D

Acq: 02 Apr 2025 12:04

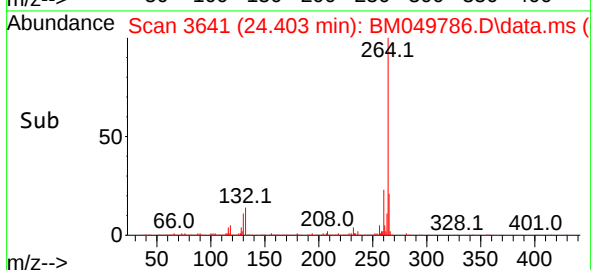
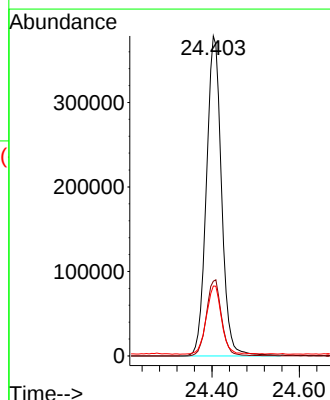
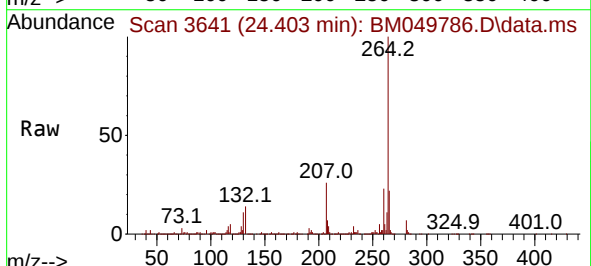
Tgt Ion:264 Resp: 912546

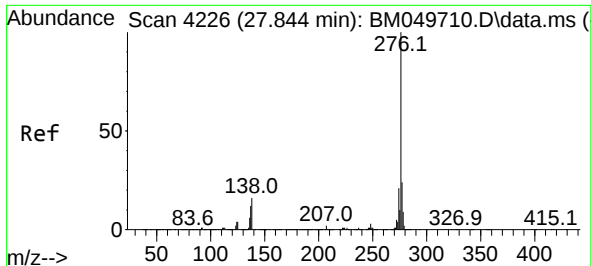
Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.9 18.2 27.2

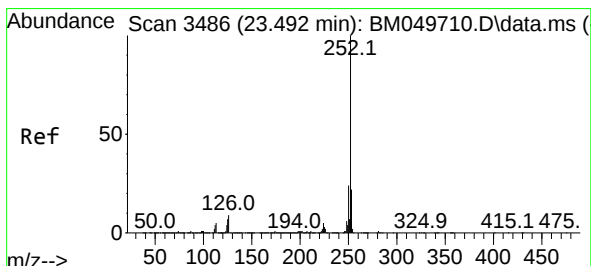
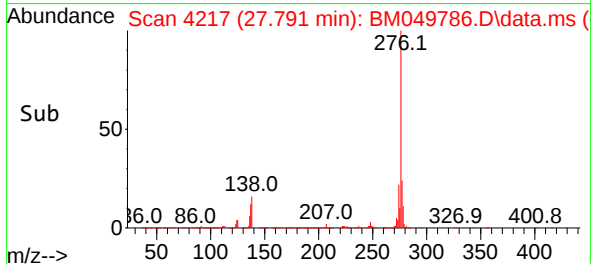
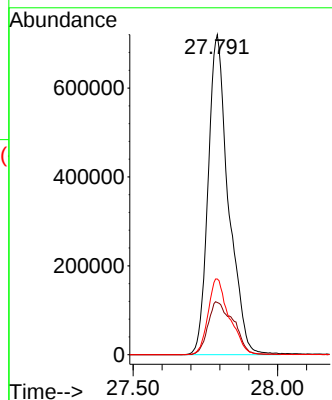
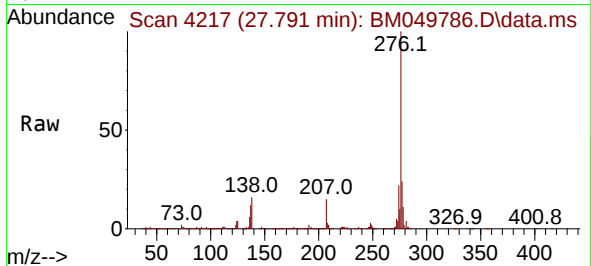




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.673 ng
RT: 27.791 min Scan# 4217
Delta R.T. -0.053 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

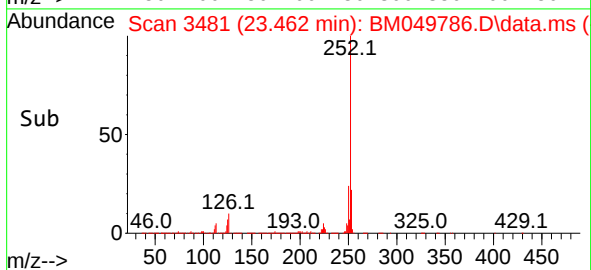
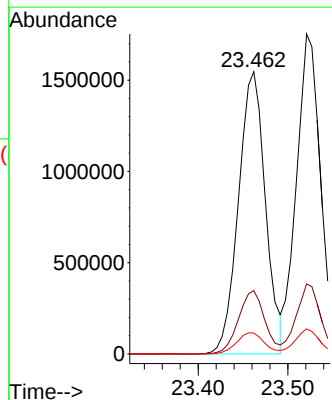
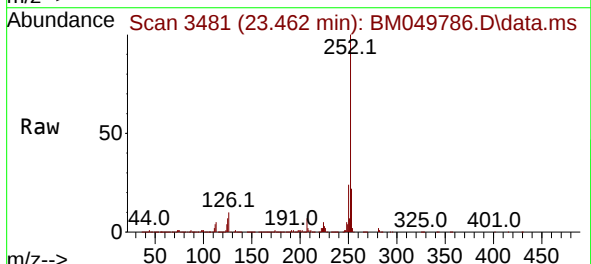
Instrument :
BNA_M
ClientSampleId :
PB167406BS

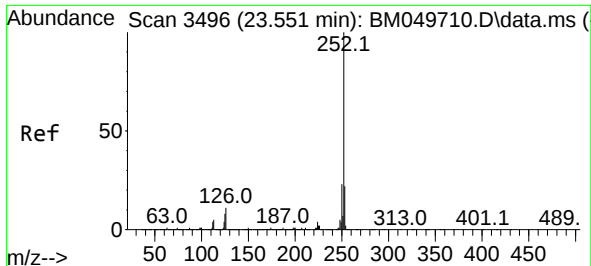
Tgt Ion:276 Resp: 3525274
Ion Ratio Lower Upper
276 100
138 20.6 16.3 24.5
277 24.7 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 52.445 ng
RT: 23.462 min Scan# 3481
Delta R.T. -0.030 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:252 Resp: 3223426
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 7.4 5.9 8.9

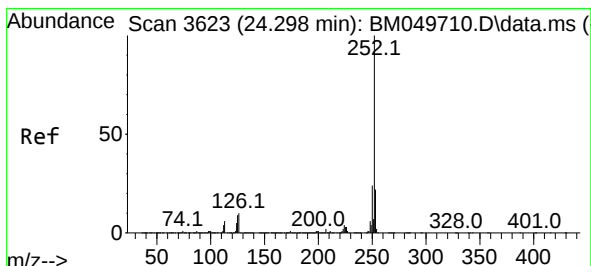
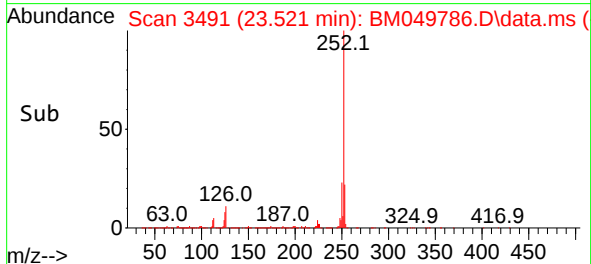
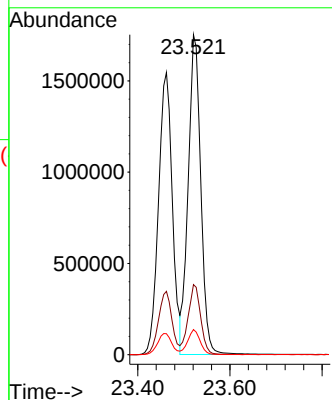
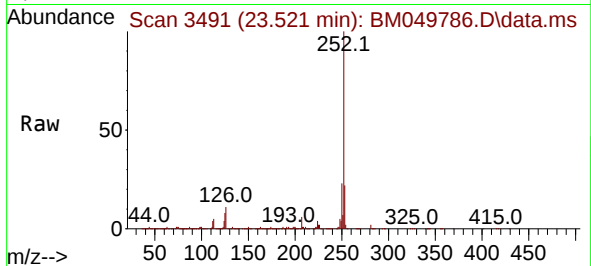




#89
Benzo(k)fluoranthene
Concen: 54.855 ng
RT: 23.521 min Scan# 34
Delta R.T. -0.030 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

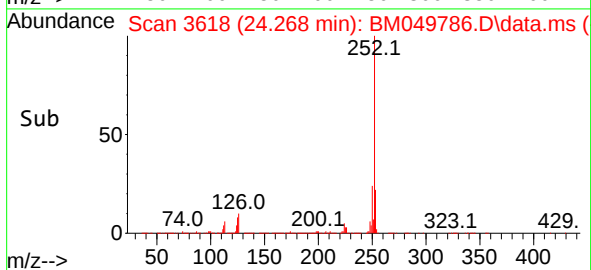
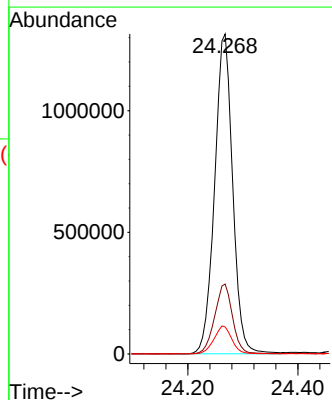
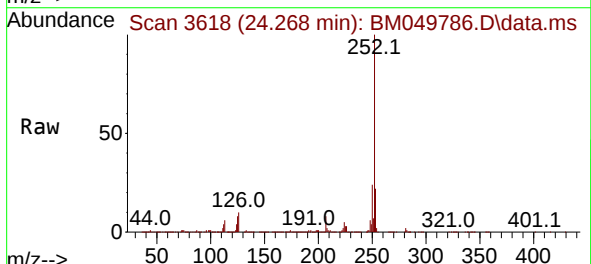
Instrument :
BNA_M
ClientSampleId :
PB167406BS

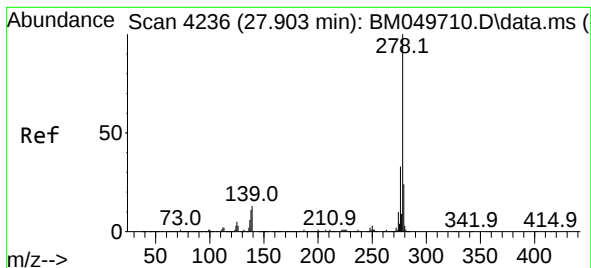
Tgt Ion:252 Resp: 3317570
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.9 6.2 9.2



#90
Benzo(a)pyrene
Concen: 58.047 ng
RT: 24.268 min Scan# 3618
Delta R.T. -0.030 min
Lab File: BM049786.D
Acq: 02 Apr 2025 12:04

Tgt Ion:252 Resp: 2996756
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.5 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 52.969 ng

RT: 27.844 min Scan# 4396

Delta R.T. -0.059 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Instrument :

BNA_M

ClientSampleId :

PB167406BS

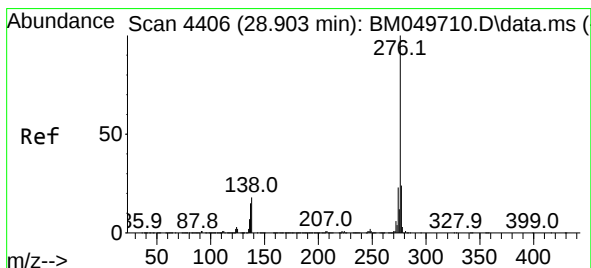
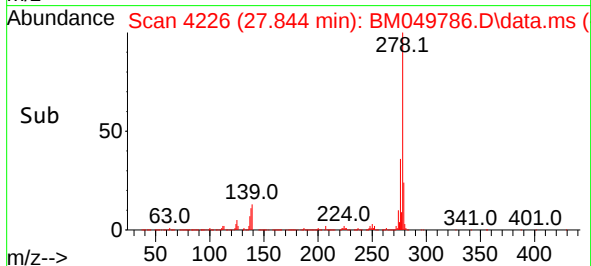
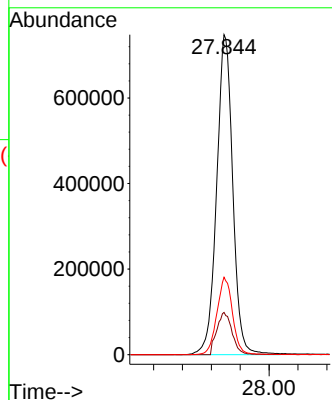
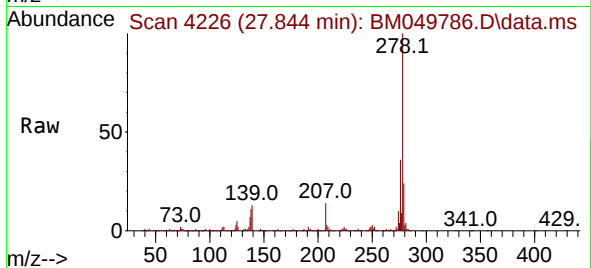
Tgt Ion:278 Resp: 2898601

Ion Ratio Lower Upper

278 100

139 13.2 10.1 15.1

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.696 ng

RT: 28.844 min Scan# 4396

Delta R.T. -0.059 min

Lab File: BM049786.D

Acq: 02 Apr 2025 12:04

Tgt Ion:276 Resp: 2794423

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 17.7 14.0 21.0

