

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049866.D
 Acq On : 09 Apr 2025 13:47
 Operator : RC/JU
 Sample : Q1744-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-158-SB01MSD

Quant Time: Apr 10 01:42:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	285351	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1005761	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	663787	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1342339	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1401873	20.000	ng	0.00
86) Perylene-d12	24.391	264	1461448	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2136954	127.167	ng	0.00
7) Phenol-d6	6.951	99	2724008	130.287	ng	0.00
23) Nitrobenzene-d5	8.933	82	1557737	86.246	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1357374	140.587	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4170498	85.197	ng	0.00
79) Terphenyl-d14	19.786	244	6980310	93.314	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	306237	44.250	ng	99
3) Pyridine	3.657	79	824020	45.318	ng	100
4) n-Nitrosodimethylamine	3.563	42	324177	46.848	ng	97
6) Aniline	7.104	93	420957	23.497	ng	99
8) 2-Chlorophenol	7.345	128	864396	50.194	ng	98
9) Benzaldehyde	6.916	77	477912	44.543	ng	98
10) Phenol	6.975	94	1066445	52.269	ng	99
11) bis(2-Chloroethyl)ether	7.198	93	776399	48.525	ng	100
12) 1,3-Dichlorobenzene	7.663	146	980458	48.155	ng	99
13) 1,4-Dichlorobenzene	7.810	146	992255	48.434	ng	98
14) 1,2-Dichlorobenzene	8.128	146	950955	49.282	ng	99
15) Benzyl Alcohol	8.016	79	693613	52.683	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	901093	50.529	ng	99
17) 2-Methylphenol	8.222	107	672939	53.521	ng	99
18) Hexachloroethane	8.857	117	341526	47.917	ng	98
19) n-Nitroso-di-n-propyla...	8.581	70	582254	50.282	ng	99
20) 3+4-Methylphenols	8.551	107	917509	53.525	ng	99
22) Acetophenone	8.598	105	1167291	47.755	ng	# 99
24) Nitrobenzene	8.975	77	835602	48.046	ng	98
25) Isophorone	9.504	82	1576133	52.092	ng	99
26) 2-Nitrophenol	9.686	139	445919	48.376	ng	99
27) 2,4-Dimethylphenol	9.751	122	761170	72.864	ng	98
28) bis(2-Chloroethoxy)met...	9.980	93	996102	49.175	ng	99
29) 2,4-Dichlorophenol	10.222	162	874134	50.340	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	956323	47.606	ng	100
31) Naphthalene	10.622	128	2397631	46.394	ng	99
32) Benzoic acid	9.886	122	566036	44.477	ng	98
33) 4-Chloroaniline	10.727	127	220350	12.075	ng	99
34) Hexachlorobutadiene	10.910	225	588579	47.367	ng	98
35) Caprolactam	11.510	113	247722	49.739	ng	99
36) 4-Chloro-3-methylphenol	11.863	107	776696	51.063	ng	99
37) 2-Methylnaphthalene	12.233	142	1595016	43.805	ng	99
38) 1-Methylnaphthalene	12.457	142	1678627	47.320	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1117353	48.115	ng	98
41) Hexachlorocyclopentadiene	12.592	237	1486422	182.669	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	734045	49.674	ng	97

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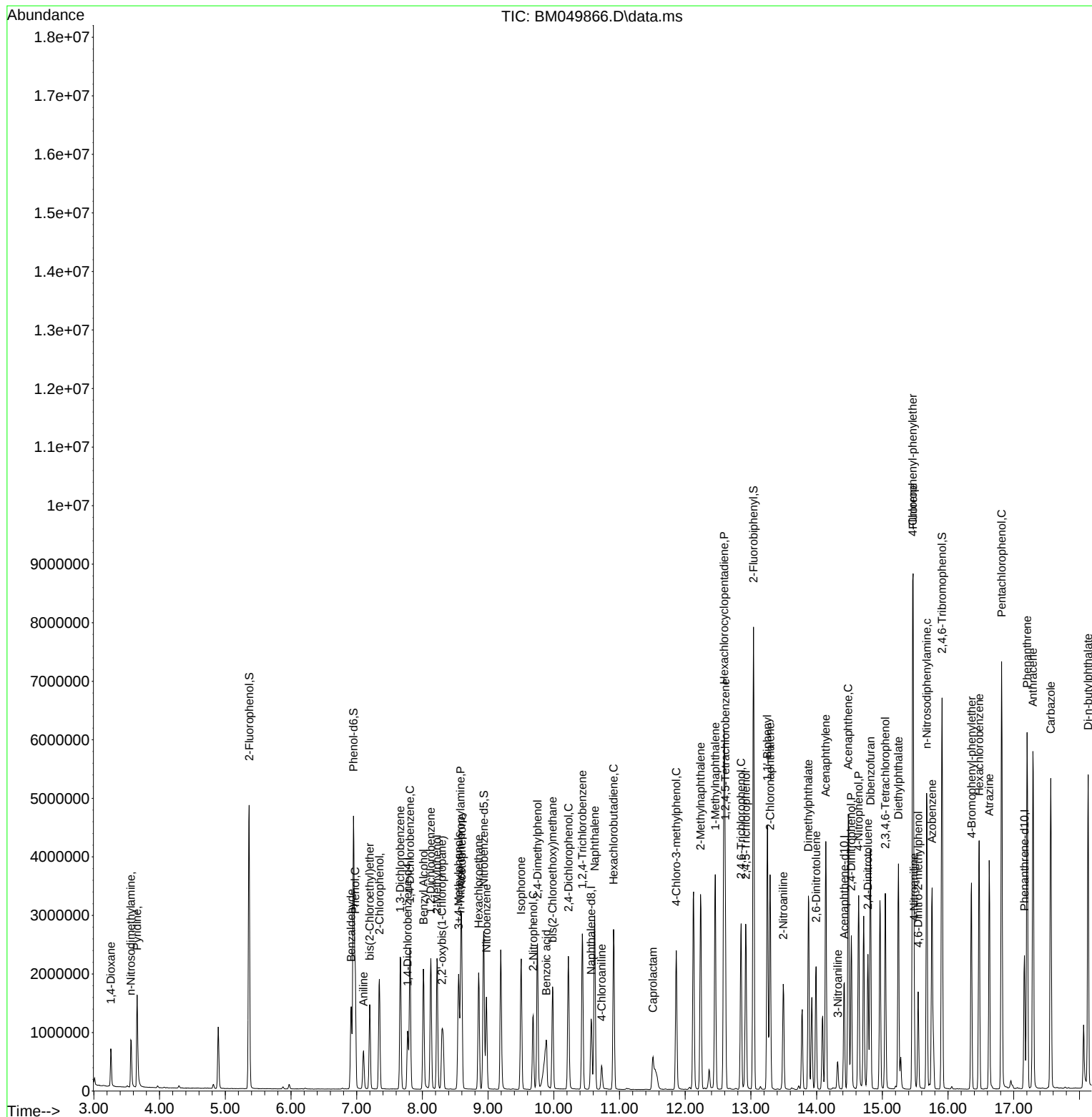
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	804889	50.122	ng	99
46) 1,1'-Biphenyl	13.251	154	2349677	47.618	ng	100
47) 2-Chloronaphthalene	13.292	162	1871890	48.265	ng	99
48) 2-Nitroaniline	13.492	65	456335	50.860	ng	98
49) Acenaphthylene	14.139	152	2972105	52.609	ng	100
50) Dimethylphthalate	13.874	163	2283140	48.754	ng	99
51) 2,6-Dinitrotoluene	13.992	165	492479	50.195	ng	99
52) Acenaphthene	14.480	154	1724643	47.994	ng	99
53) 3-Nitroaniline	14.321	138	130642	13.777	ng	98
54) 2,4-Dinitrophenol	14.527	184	629408	87.809	ng	98
55) Dibenzofuran	14.821	168	2836442	47.217	ng	98
56) 4-Nitrophenol	14.639	139	934371	110.572	ng	99
57) 2,4-Dinitrotoluene	14.780	165	698694	53.380	ng	98
58) Fluorene	15.468	166	2375933	49.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	692400	49.194	ng	99
60) Diethylphthalate	15.245	149	2148314	47.838	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	1280962	50.036	ng	99
62) 4-Nitroaniline	15.486	138	455783	46.478	ng	99
63) Azobenzene	15.757	77	2029859	52.794	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	406755	48.087	ng	99
66) n-Nitrosodiphenylamine	15.674	169	1993763	49.632	ng	99
67) 4-Bromophenyl-phenylether	16.356	248	758871	48.699	ng	96
68) Hexachlorobenzene	16.474	284	874754	48.940	ng	98
69) Atrazine	16.627	200	737371	70.795	ng	99
70) Pentachlorophenol	16.815	266	1321712	100.440	ng	99
71) Phenanthrene	17.203	178	3676782	49.961	ng	100
72) Anthracene	17.292	178	3760847	51.857	ng	100
73) Carbazole	17.562	167	3446827	50.460	ng	100
74) Di-n-butylphthalate	18.133	149	3801949	48.323	ng	100
75) Fluoranthene	19.221	202	4538028	50.152	ng	99
77) Benzidine	19.403	184	1757189	94.484	ng	99
78) Pyrene	19.580	202	4707504	48.725	ng	99
80) Butylbenzylphthalate	20.480	149	1704963	46.964	ng	100
81) Benzo(a)anthracene	21.380	228	4791802	51.432	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	548354	15.585	ng	99
83) Chrysene	21.444	228	4591192	51.834	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2464666	46.598	ng	99
85) Di-n-octyl phthalate	22.438	149	4181805	45.193	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5591757	51.330	ng	99
88) Benzo(b)fluoranthene	23.450	252	4901336	52.512	ng	99
89) Benzo(k)fluoranthene	23.515	252	4863511	53.770	ng	100
90) Benzo(a)pyrene	24.256	252	4421640	53.910	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4528137	50.463	ng	100
92) Benzo(g,h,i)perylene	28.838	276	4423237	48.240	ng	99

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

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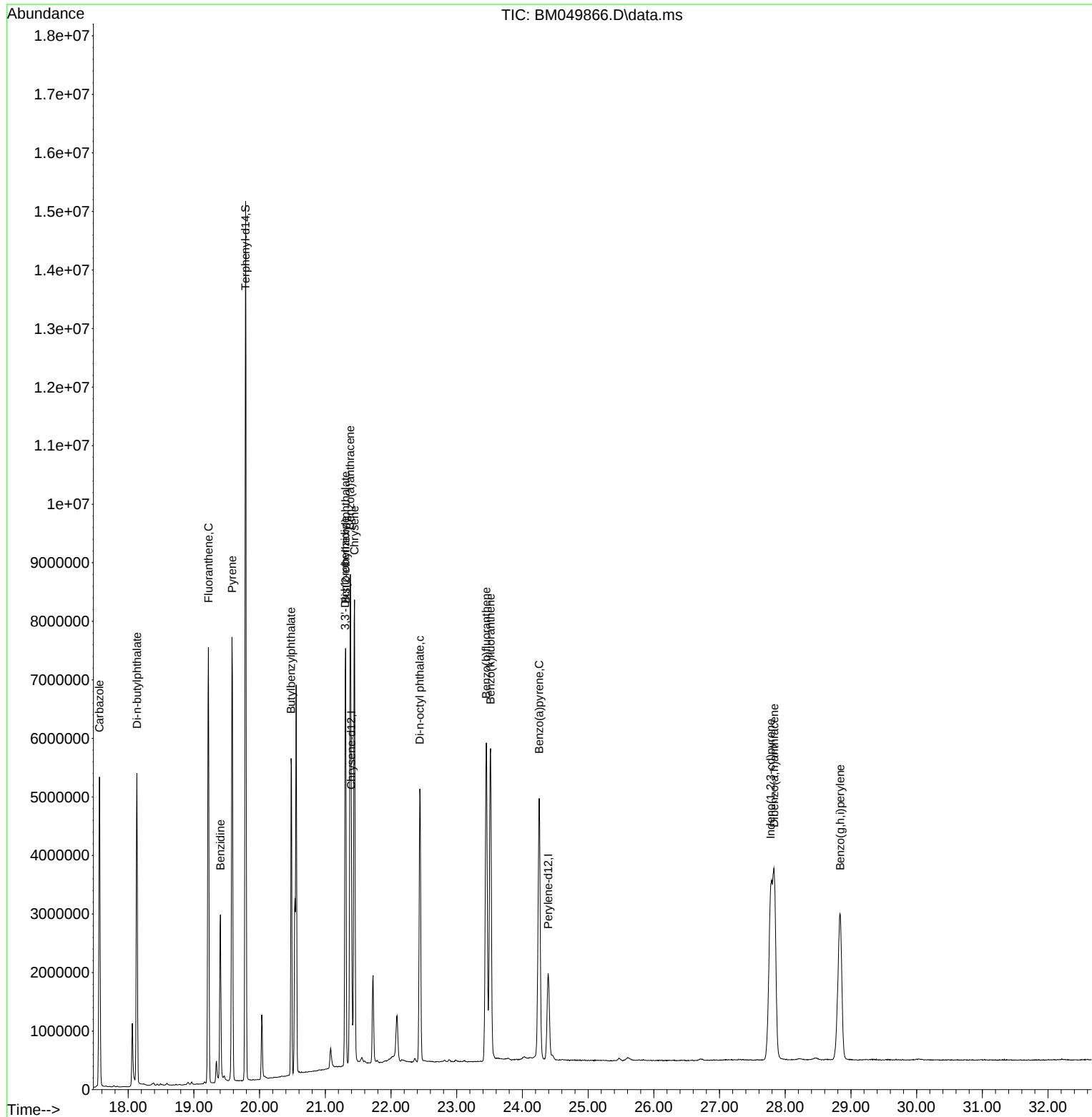
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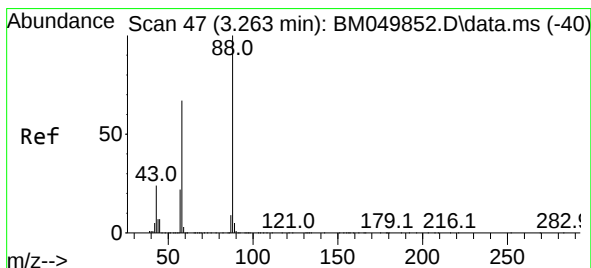
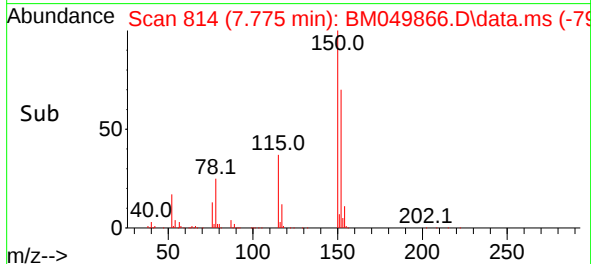
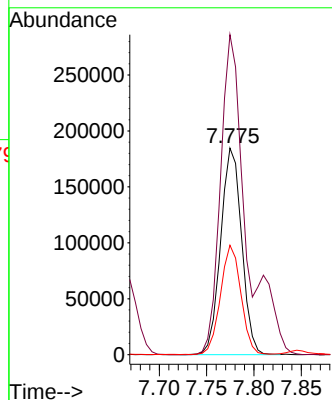
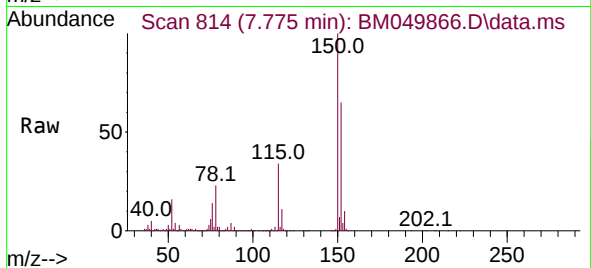




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049866.D
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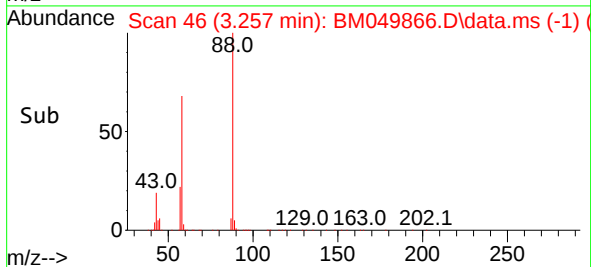
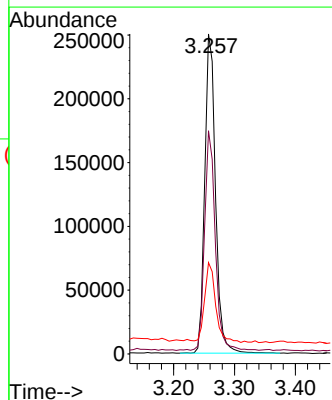
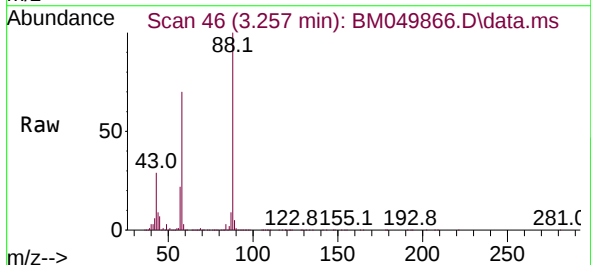
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BNA_M
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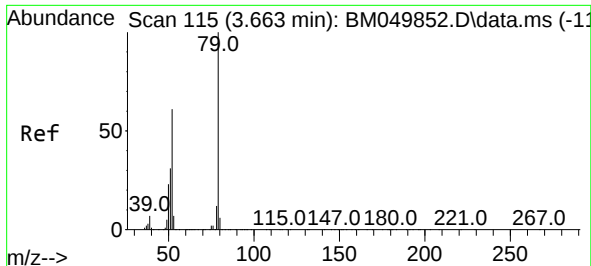
Tgt Ion:152 Resp: 285351
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 53.0 41.1 61.7



#2
1,4-Dioxane
Concen: 44.250 ng
RT: 3.257 min Scan# 46
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 88 Resp: 306237
Ion Ratio Lower Upper
88 100
58 68.5 54.1 81.1
43 25.4 20.2 30.4





#3

Pyridine

Concen: 45.318 ng

RT: 3.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

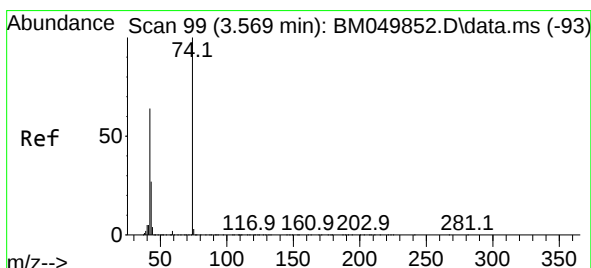
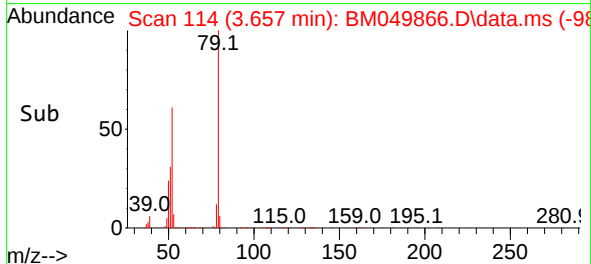
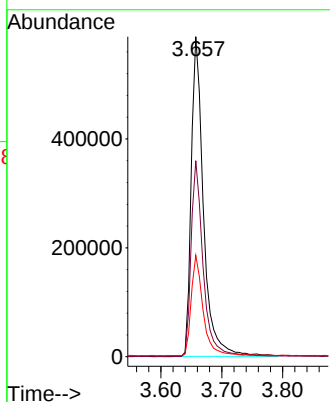
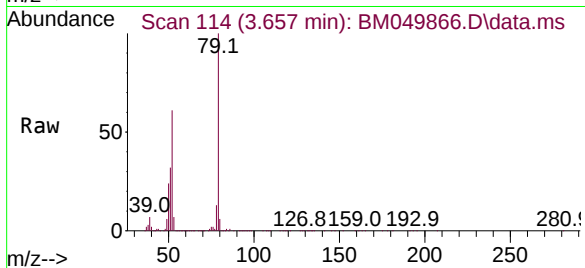
Tgt Ion: 79 Resp: 824020

Ion Ratio Lower Upper

79 100

52 61.2 48.9 73.3

51 31.7 25.0 37.6



#4

n-Nitrosodimethylamine

Concen: 46.848 ng

RT: 3.563 min Scan# 98

Delta R.T. -0.006 min

Lab File: BM049866.D

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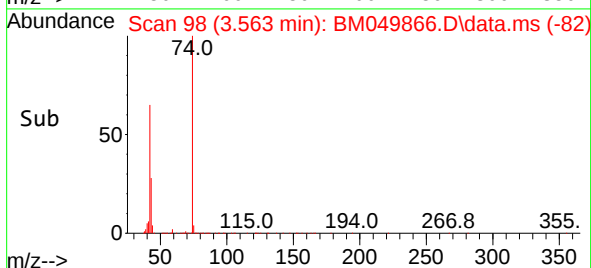
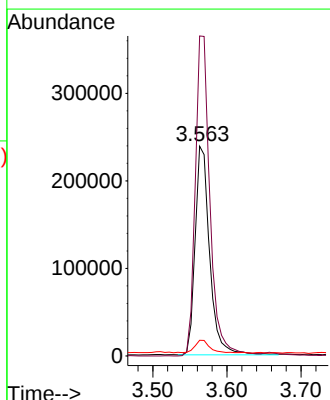
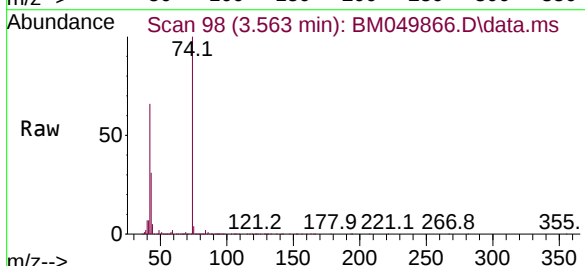
Tgt Ion: 42 Resp: 324177

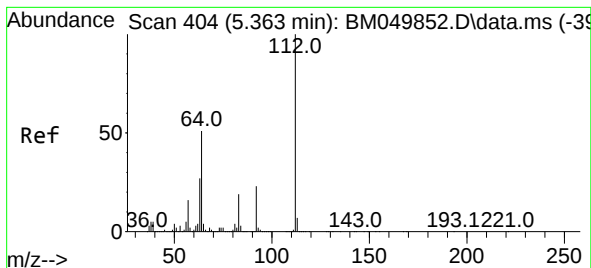
Ion Ratio Lower Upper

42 100

74 152.5 125.4 188.2

44 7.5 5.9 8.9

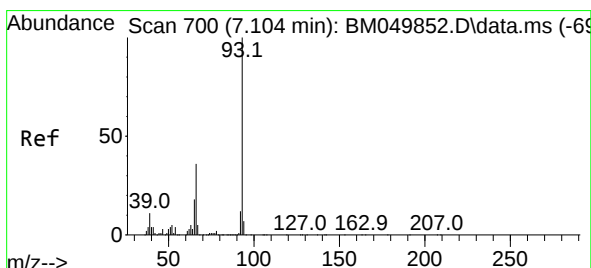
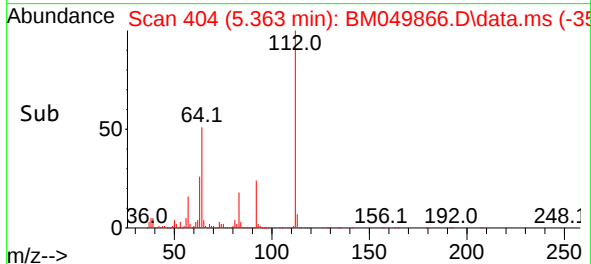
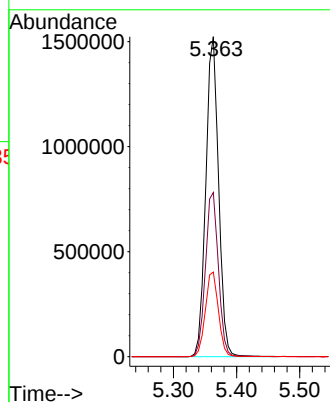
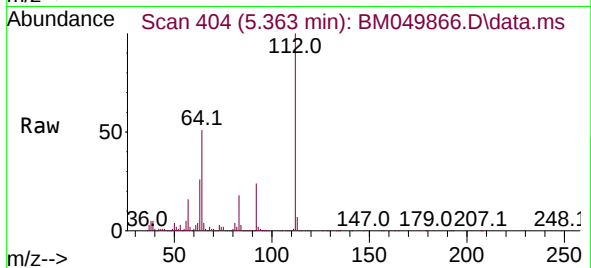




#5
2-Fluorophenol
Concen: 127.167 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
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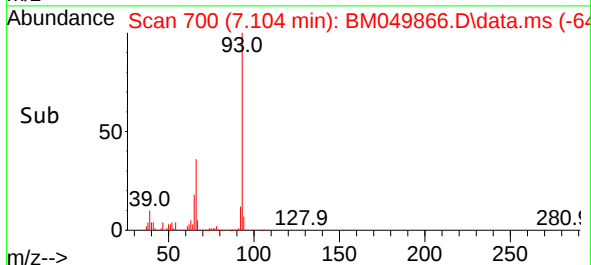
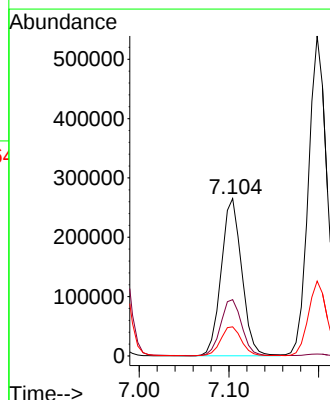
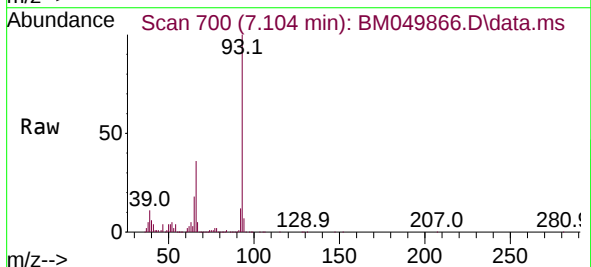
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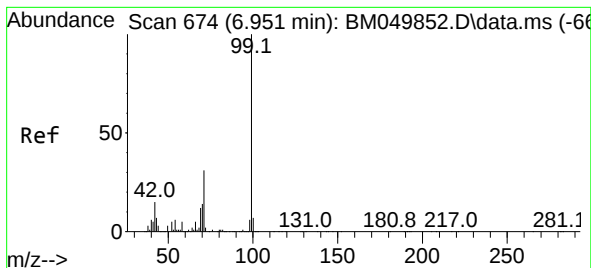
Tgt Ion:112 Resp: 2136954
Ion Ratio Lower Upper
112 100
64 51.3 41.0 61.6
63 26.4 21.5 32.3



#6
Aniline
Concen: 23.497 ng
RT: 7.104 min Scan# 700
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 93 Resp: 420957
Ion Ratio Lower Upper
93 100
66 35.8 29.1 43.7
65 18.5 14.9 22.3

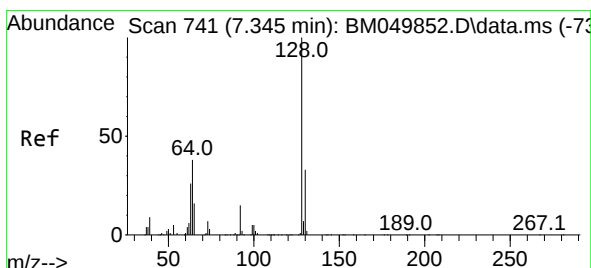
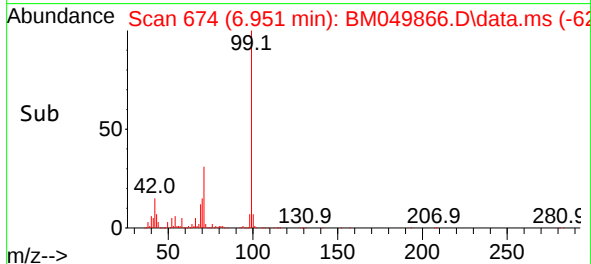
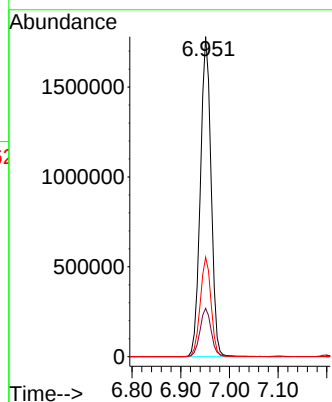
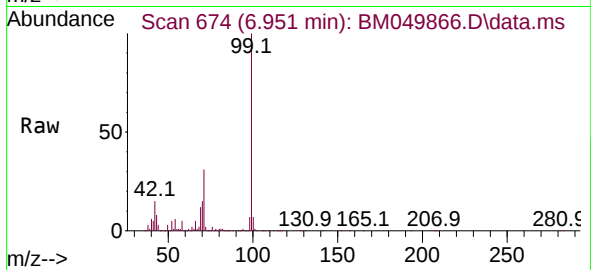




#7
Phenol-d6
Concen: 130.287 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
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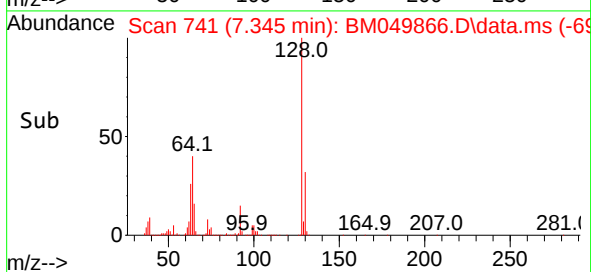
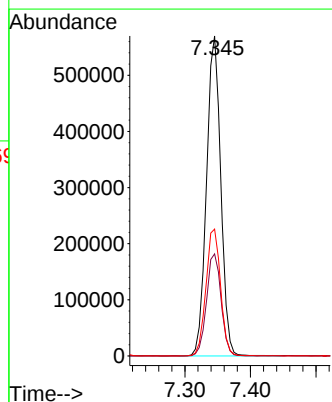
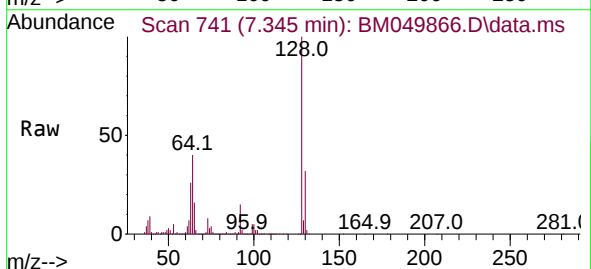
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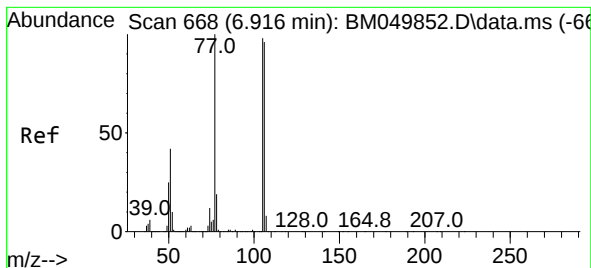
Tgt Ion: 99 Resp: 2724008
Ion Ratio Lower Upper
99 100
42 15.1 12.1 18.1
71 31.1 24.9 37.3



#8
2-Chlorophenol
Concen: 50.194 ng
RT: 7.345 min Scan# 741
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:128 Resp: 864396
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 39.7 21.1 61.1





#9

Benzaldehyde

Concen: 44.543 ng

RT: 6.916 min Scan# 6

Delta R.T. -0.000 min

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Instrument :

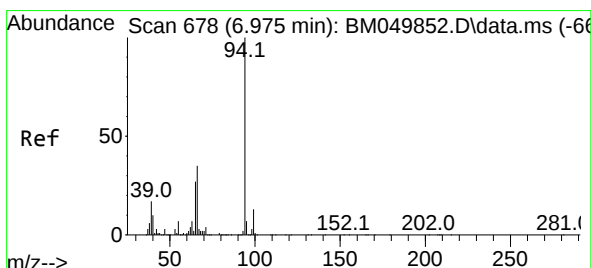
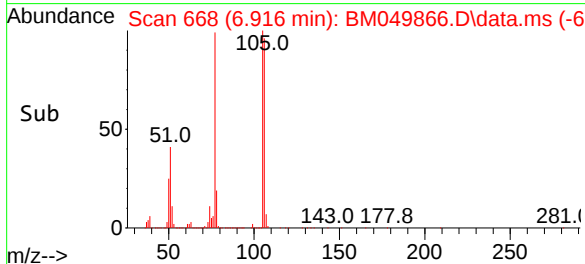
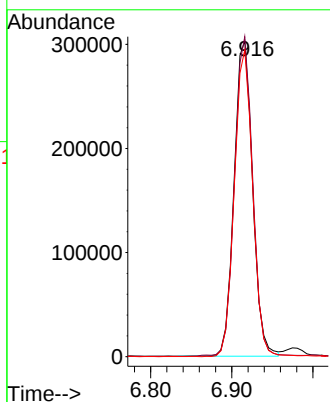
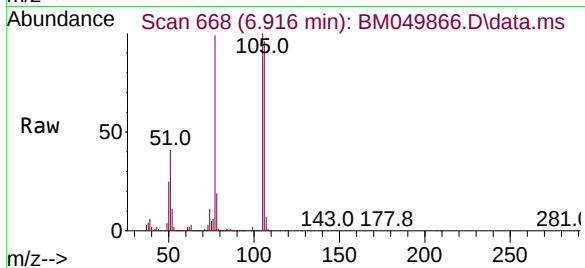
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Tgt Ion: 77 Resp: 477912

Ion	Ratio	Lower	Upper
77	100		
105	101.4	78.3	118.3
106	97.2	76.0	116.0



#10

Phenol

Concen: 52.269 ng

RT: 6.975 min Scan# 678

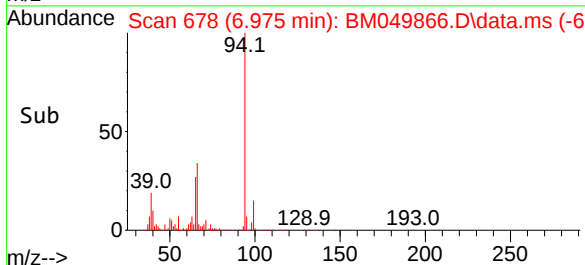
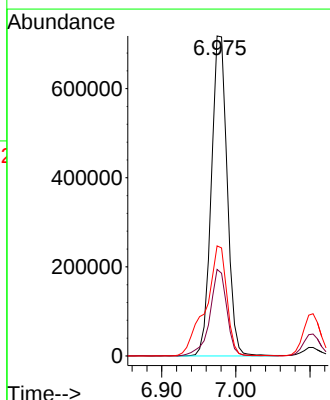
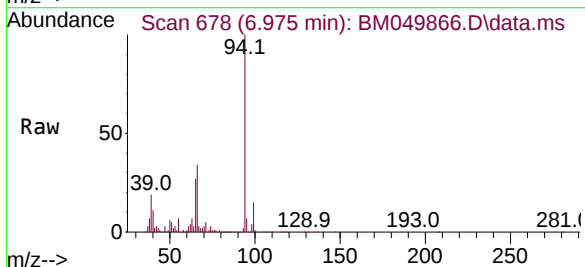
Delta R.T. -0.000 min

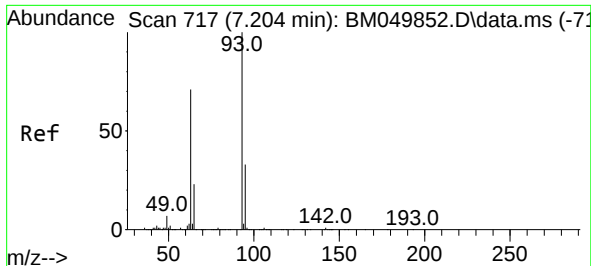
Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Tgt Ion: 94 Resp: 1066445

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.3	47.3
66	34.4	14.8	54.8

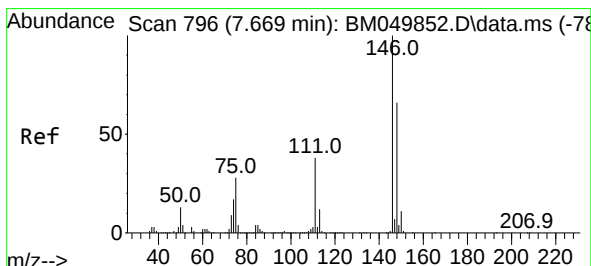
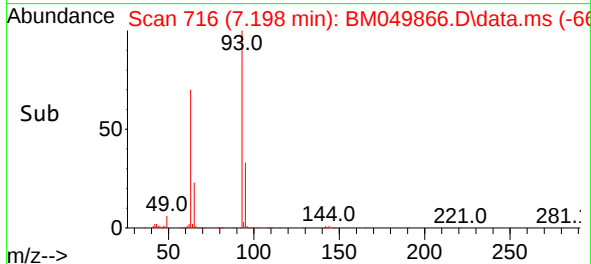
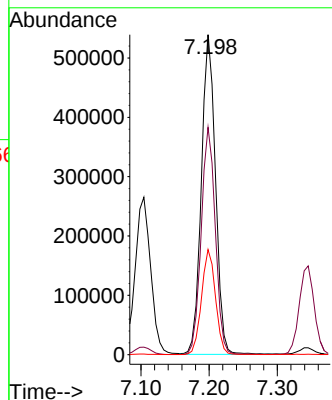
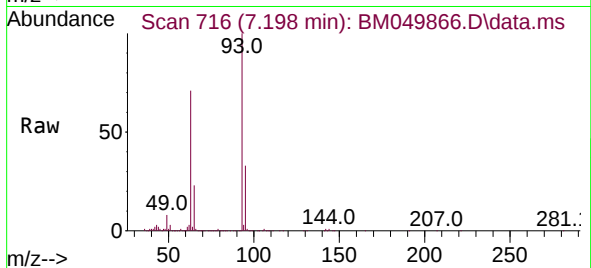




#11
bis(2-Chloroethyl)ether
Concen: 48.525 ng
RT: 7.198 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

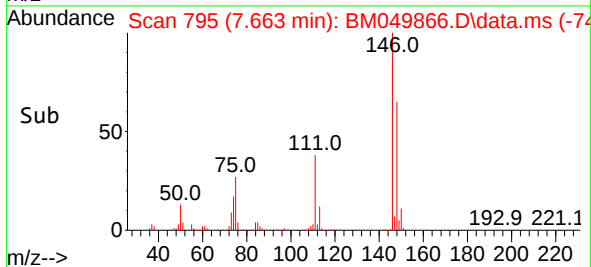
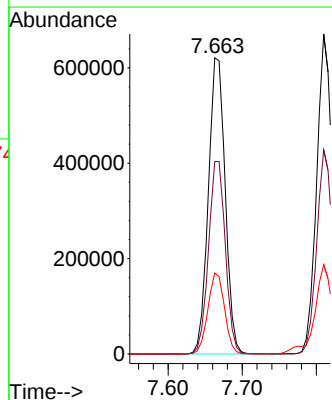
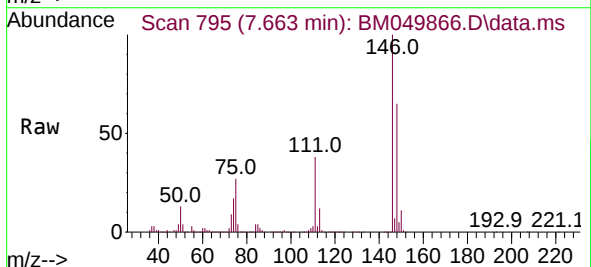
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

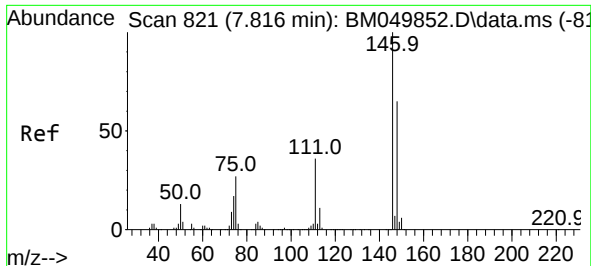
Tgt Ion: 93 Resp: 776399
Ion Ratio Lower Upper
93 100
63 71.0 50.9 90.9
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 48.155 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 146 Resp: 980458
Ion Ratio Lower Upper
146 100
148 65.0 52.5 78.7
75 27.3 22.5 33.7

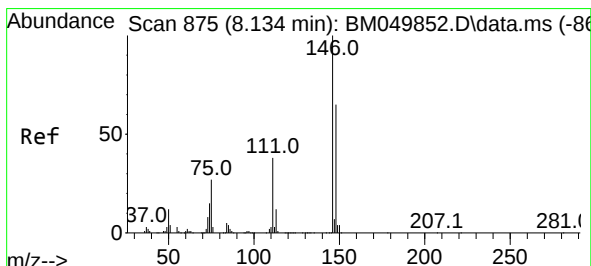
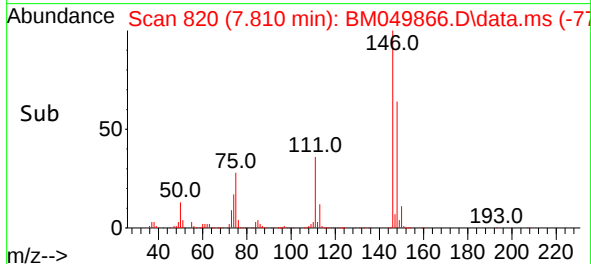
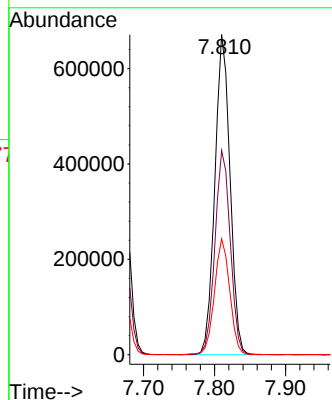
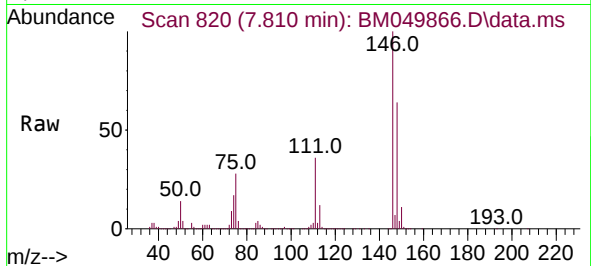




#13
1,4-Dichlorobenzene
Concen: 48.434 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

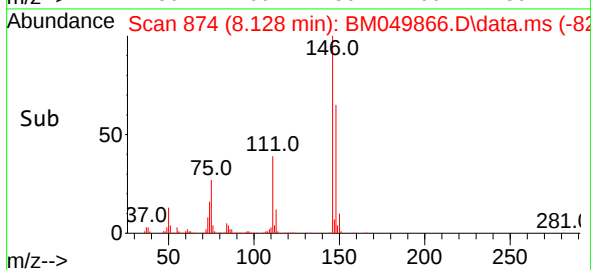
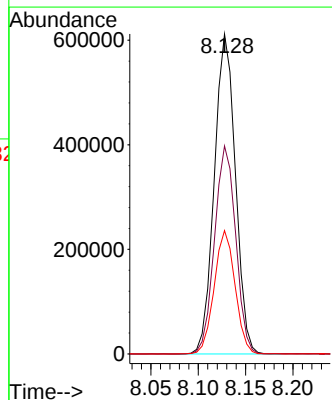
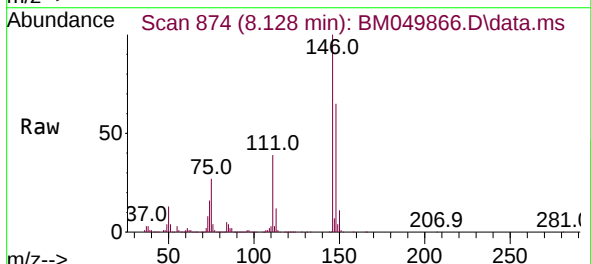
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

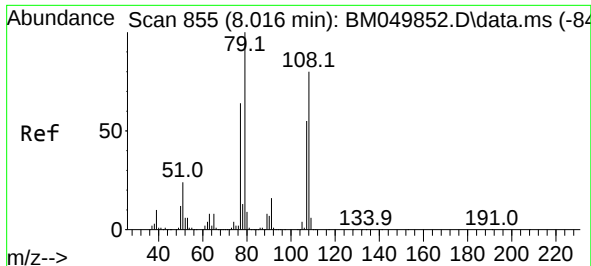
Tgt Ion:146 Resp: 992255
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
111 36.2 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 49.282 ng
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:146 Resp: 950955
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
111 38.6 30.2 45.4

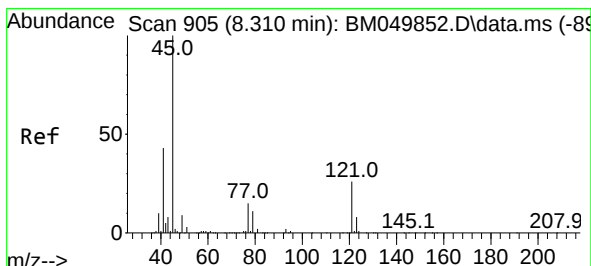
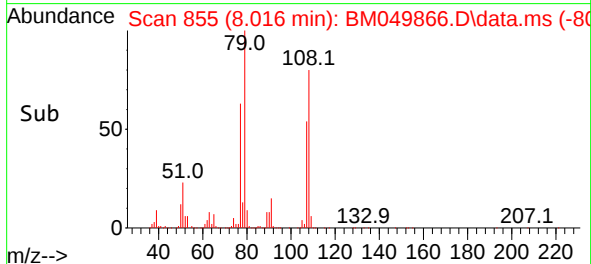
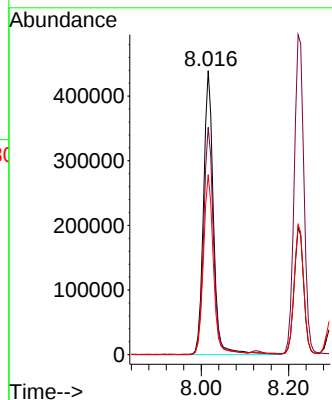
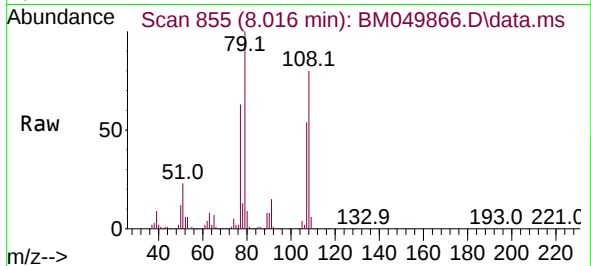




#15
Benzyl Alcohol
Concen: 52.683 ng
RT: 8.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

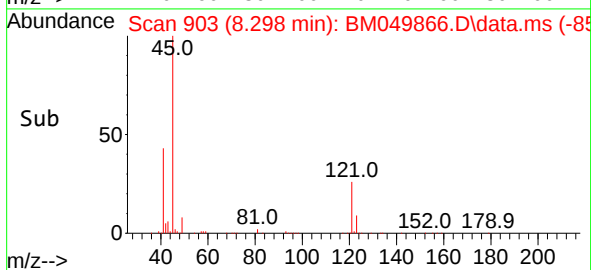
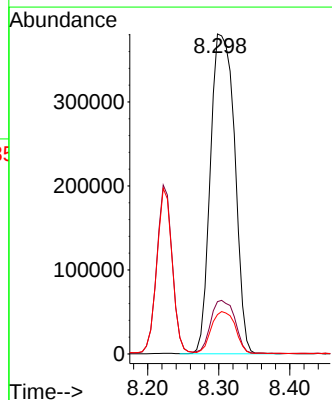
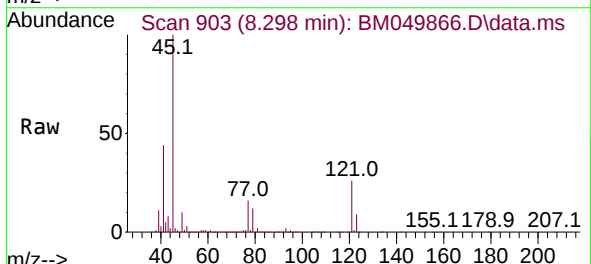
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

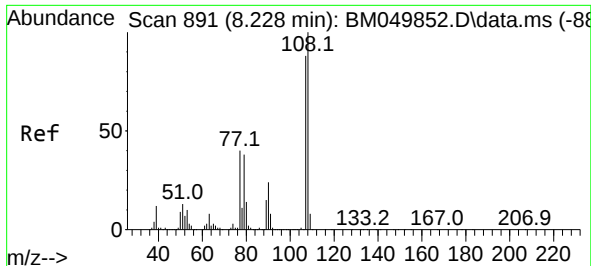
Tgt Ion: 79 Resp: 693613
Ion Ratio Lower Upper
79 100
108 80.1 63.6 95.4
77 63.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.529 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 45 Resp: 901093
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.9
79 12.3 0.0 32.9



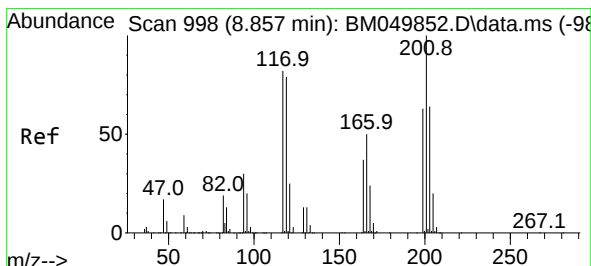
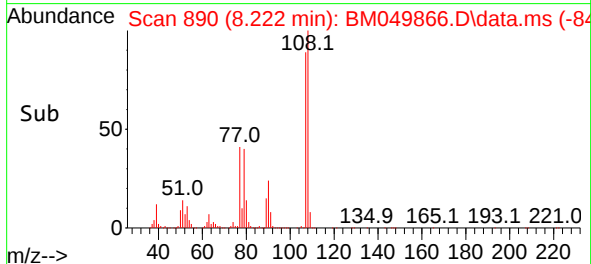
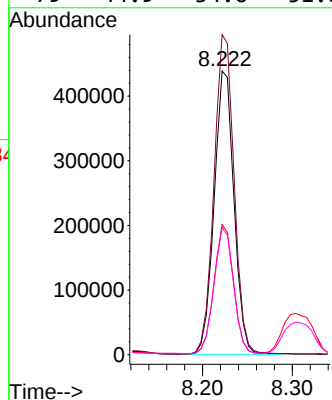
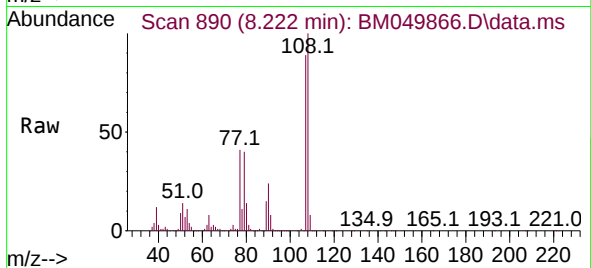


#17
2-Methylphenol
Concen: 53.521 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

Tgt Ion:107 Resp: 672939

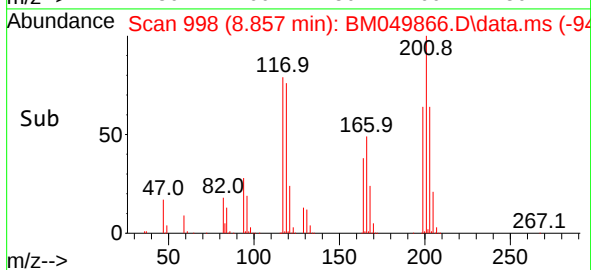
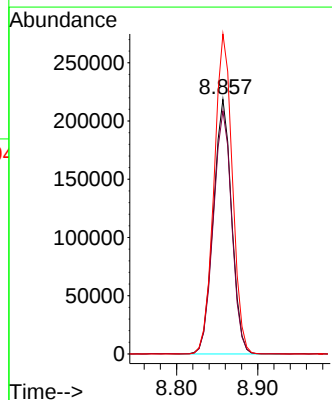
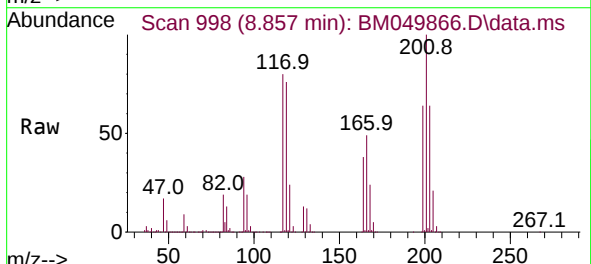
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.0	136.6
77	45.8	36.5	54.7
79	44.9	34.6	51.8

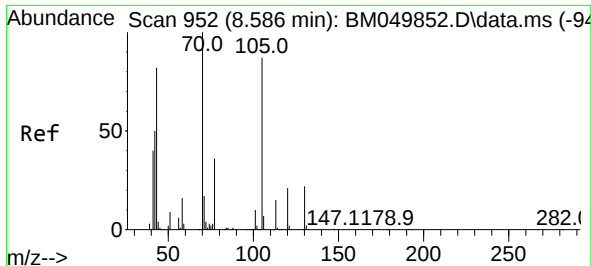


#18
Hexachloroethane
Concen: 47.917 ng
RT: 8.857 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:117 Resp: 341526

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.5	116.3
201	125.7	97.7	146.5

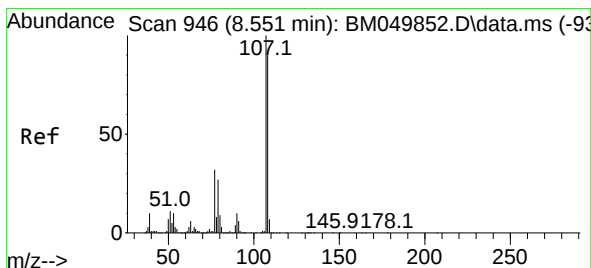
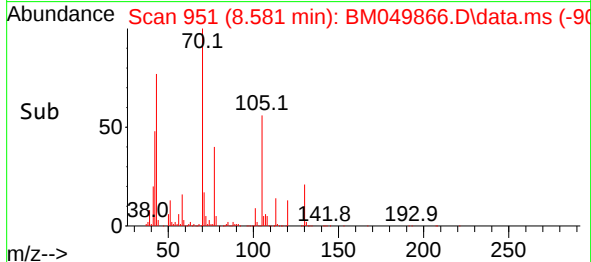
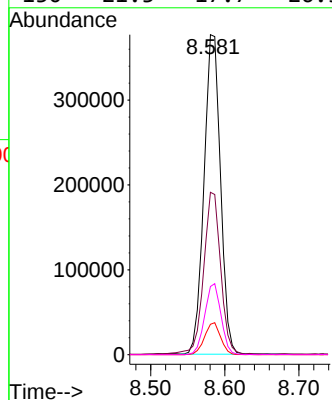
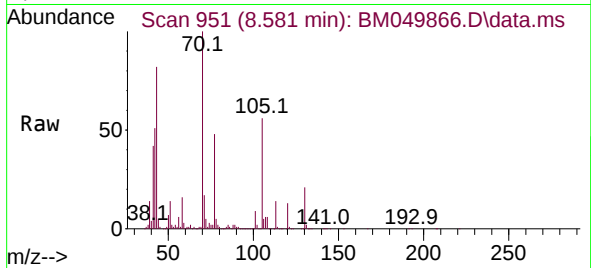




#19
n-Nitroso-di-n-propylamine
Concen: 50.282 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

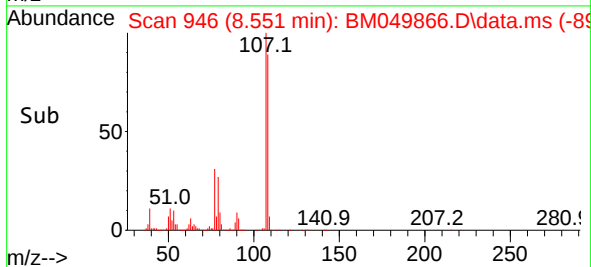
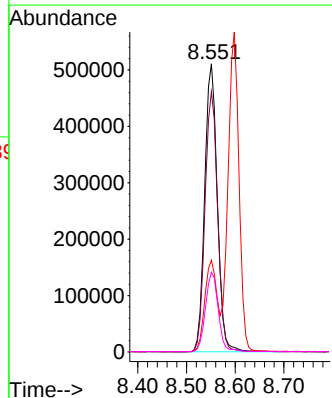
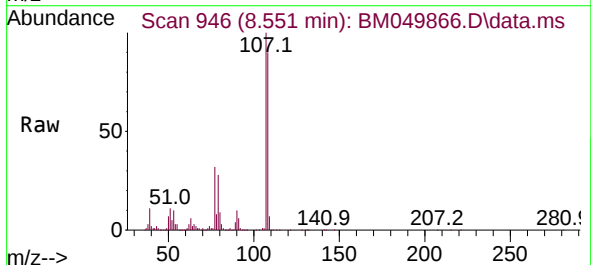
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

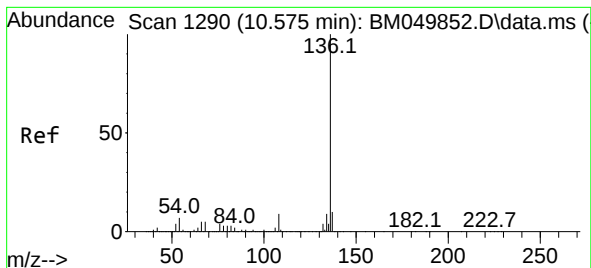
Tgt Ion: 70 Resp: 582254
Ion Ratio Lower Upper
70 100
42 50.7 40.2 60.2
101 9.5 7.9 11.9
130 21.3 17.7 26.5



#20
3+4-Methylphenols
Concen: 53.525 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 107 Resp: 917509
Ion Ratio Lower Upper
107 100
108 90.3 69.6 109.6
77 31.9 11.7 51.7
79 27.6 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

Tgt Ion:136 Resp: 1005761

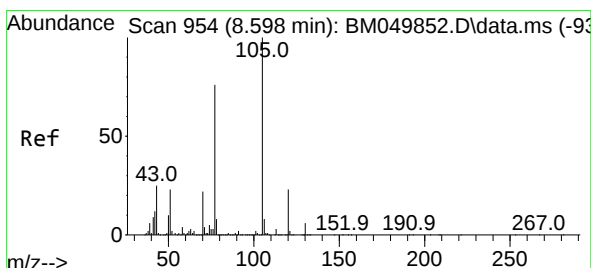
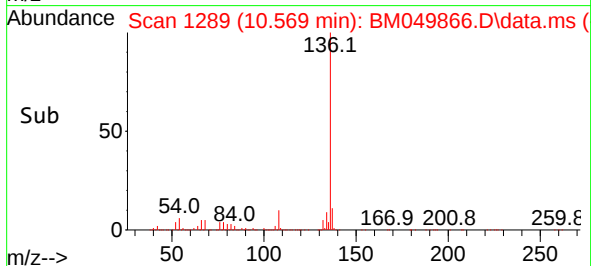
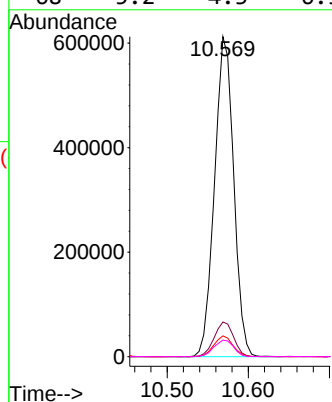
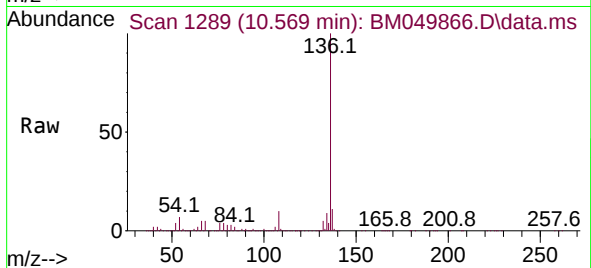
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.5 5.3 7.9

68 5.2 4.3 6.5



#22

Acetophenone

Concen: 47.755 ng

RT: 8.598 min Scan# 954

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Tgt Ion:105 Resp: 1167291

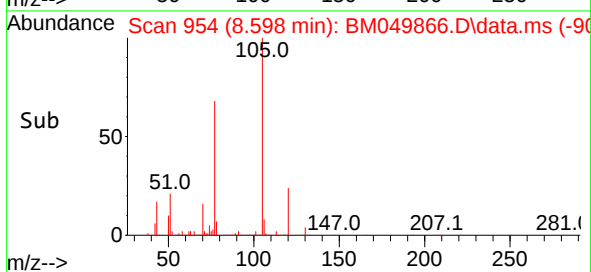
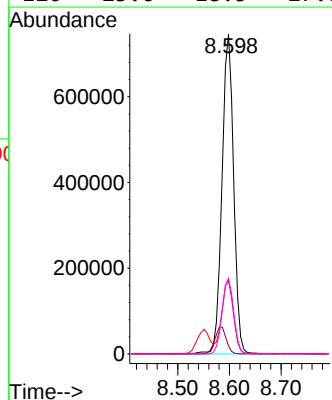
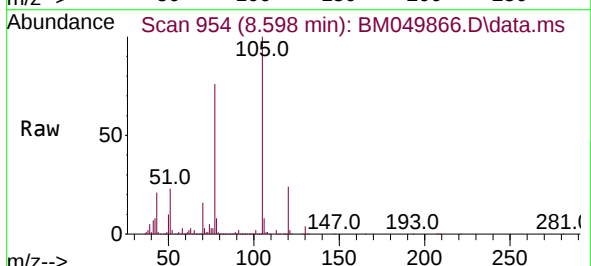
Ion Ratio Lower Upper

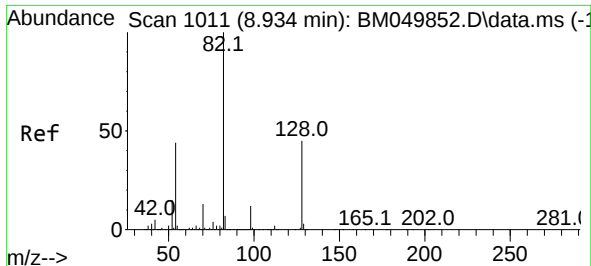
105 100

71 2.6 3.0 4.4#

51 22.9 18.6 27.8

120 23.6 18.5 27.7

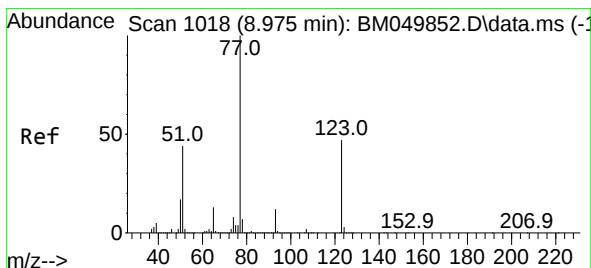
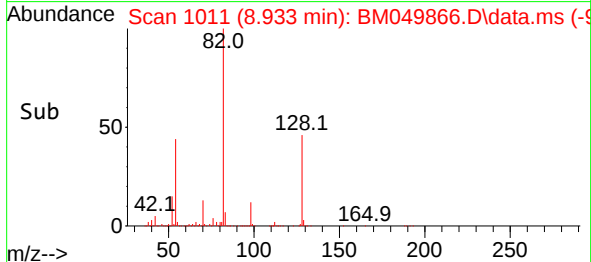
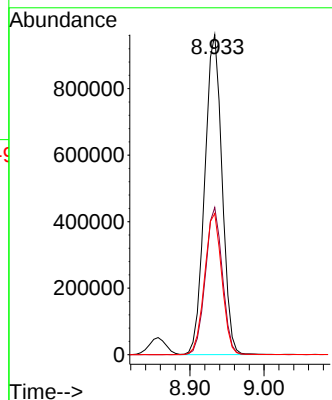
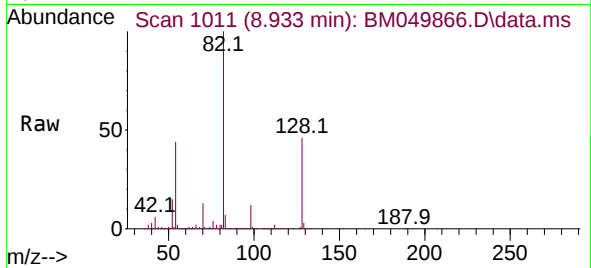




#23
Nitrobenzene-d5
Concen: 86.246 ng
RT: 8.933 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

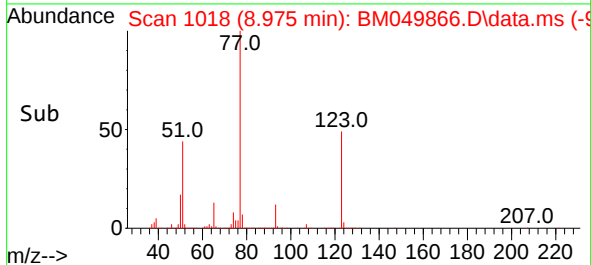
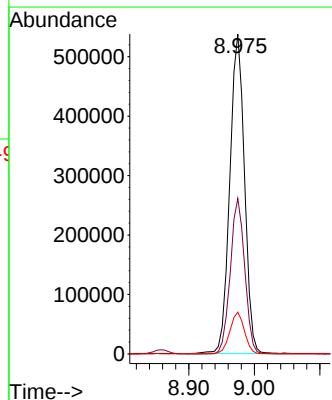
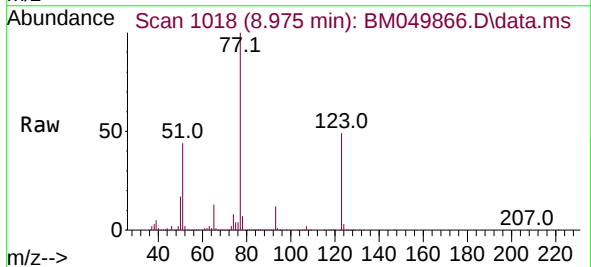
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

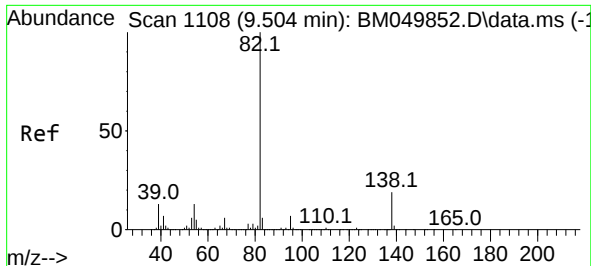
Tgt Ion: 82 Resp: 1557737
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.2
54 44.1 35.0 52.6



#24
Nitrobenzene
Concen: 48.046 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 77 Resp: 835602
Ion Ratio Lower Upper
77 100
123 48.6 37.4 56.2
65 13.1 10.1 15.1





#25

Isophorone

Concen: 52.092 ng

RT: 9.504 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

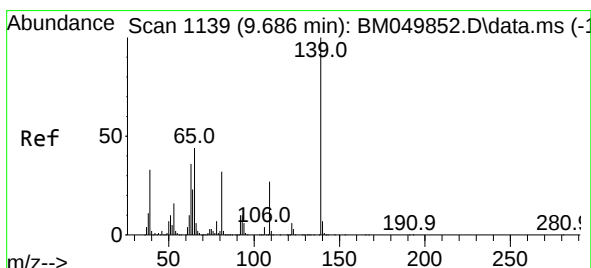
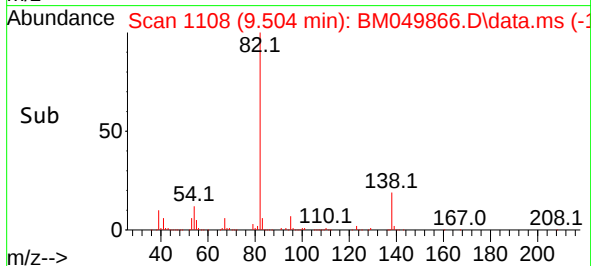
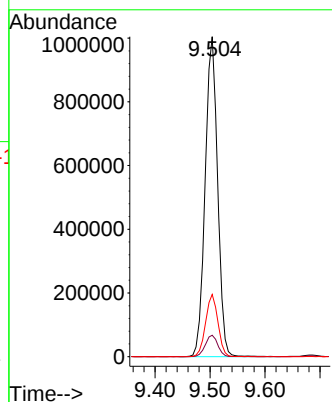
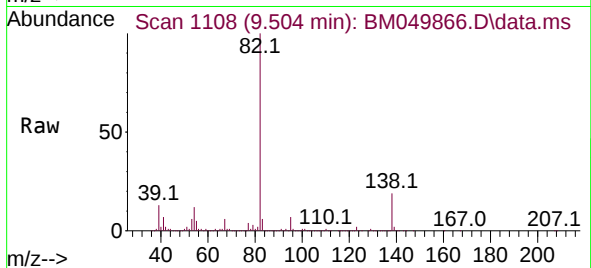
Tgt Ion: 82 Resp: 1576133

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 19.5 15.0 22.6



#26

2-Nitrophenol

Concen: 48.376 ng

RT: 9.686 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

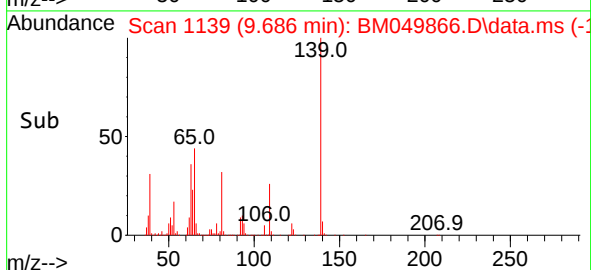
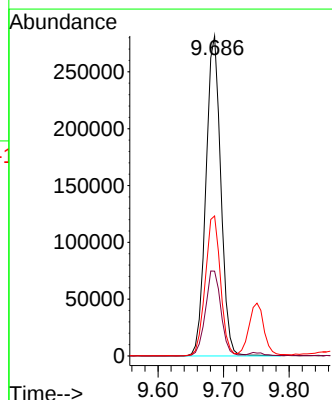
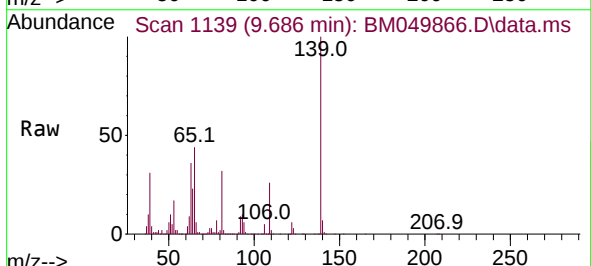
Tgt Ion: 139 Resp: 445919

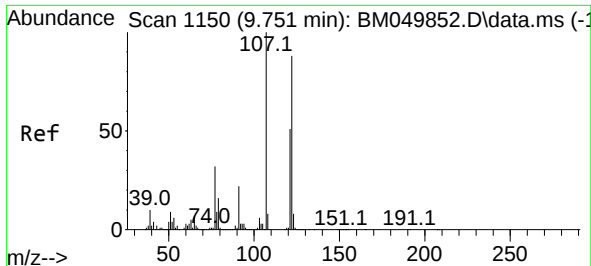
Ion Ratio Lower Upper

139 100

109 26.5 21.7 32.5

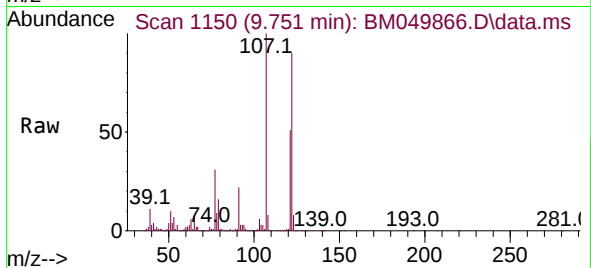
65 43.7 35.2 52.8



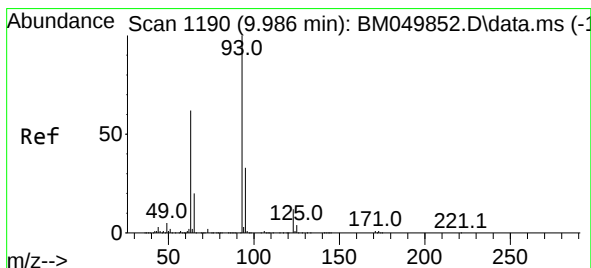
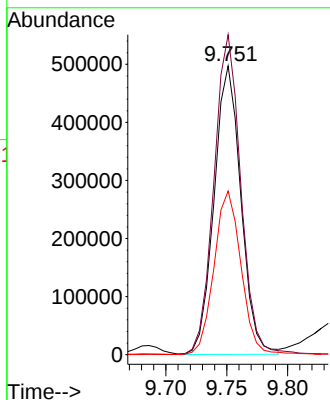
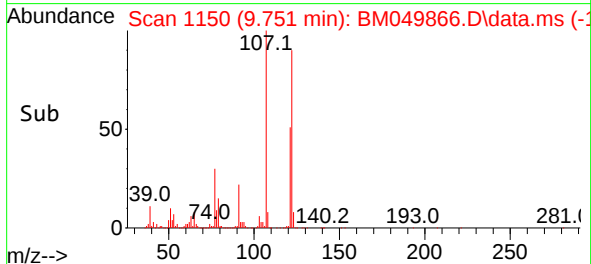


#27
2,4-Dimethylphenol
Concen: 72.864 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

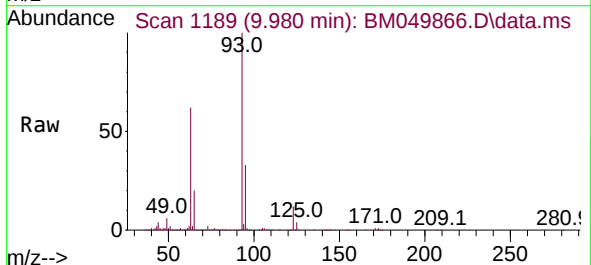
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD



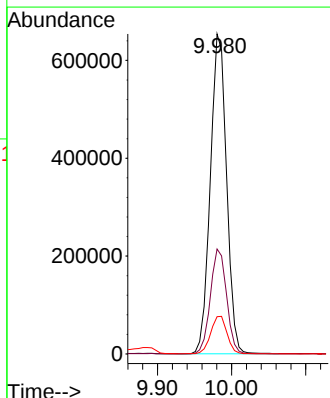
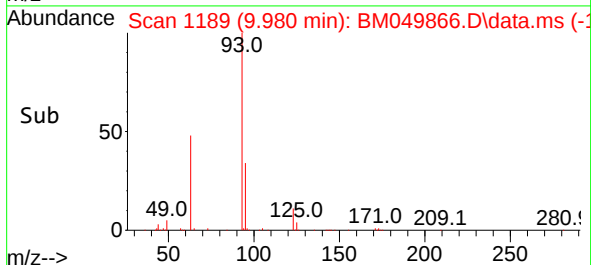
Tgt Ion:122 Resp: 761170
Ion Ratio Lower Upper
122 100
107 110.8 90.3 135.5
121 56.7 46.1 69.1

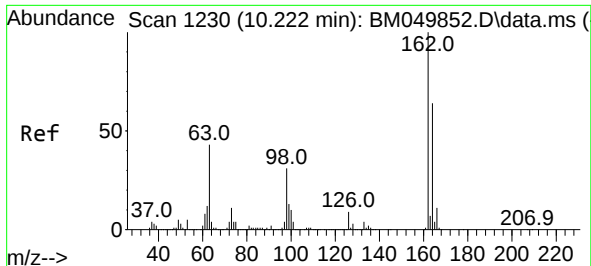


#28
bis(2-Chloroethoxy)methane
Concen: 49.175 ng
RT: 9.980 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47



Tgt Ion: 93 Resp: 996102
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 50.340 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

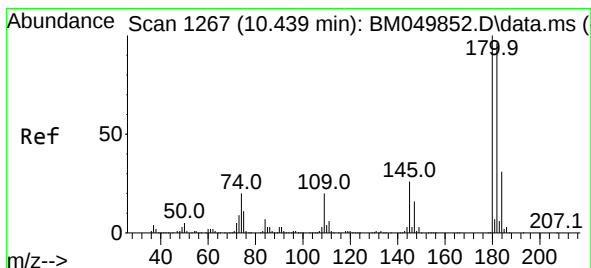
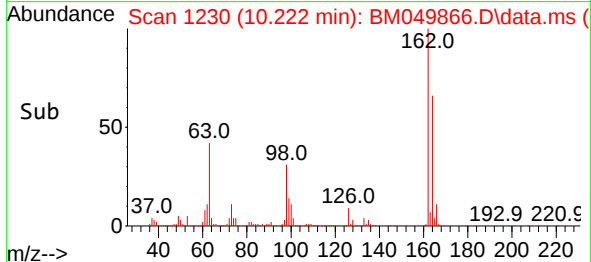
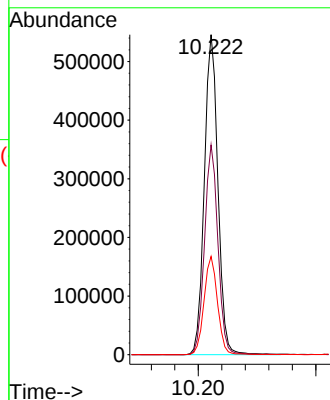
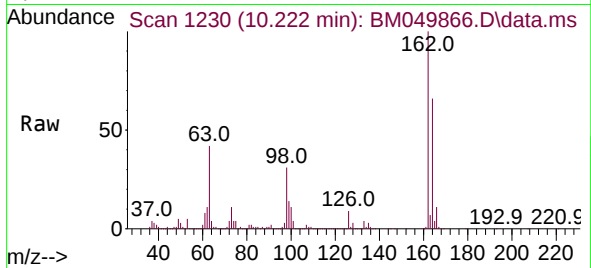
Tgt Ion:162 Resp: 874134

Ion Ratio Lower Upper

162 100

164 65.6 44.3 84.3

98 30.7 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 47.606 ng

RT: 10.433 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

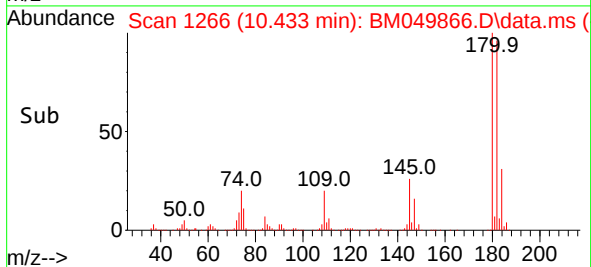
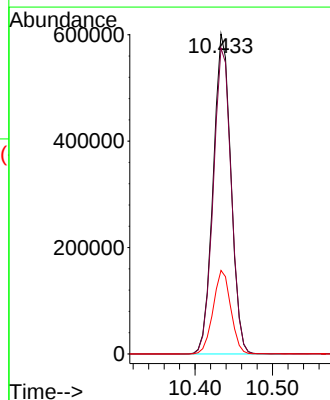
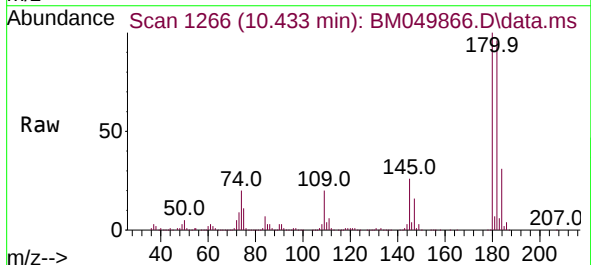
Tgt Ion:180 Resp: 956323

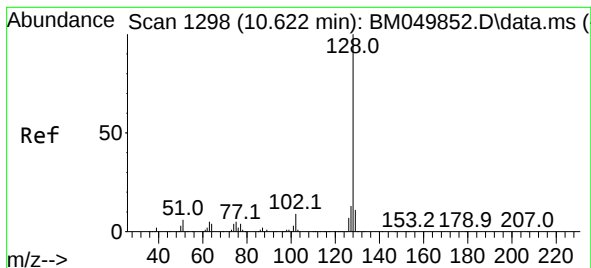
Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

145 26.1 20.8 31.2

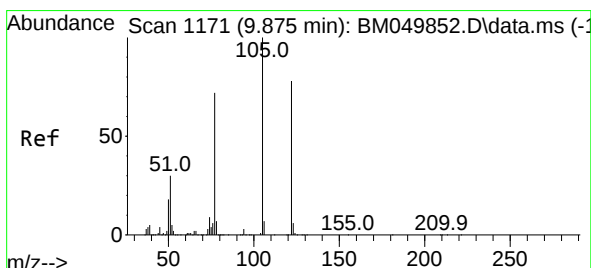
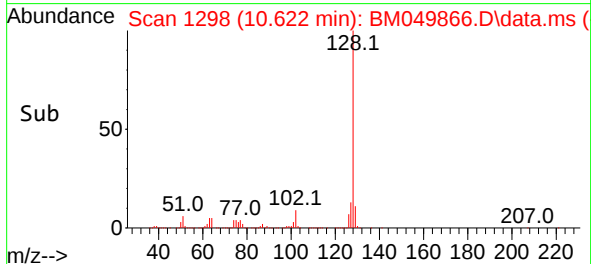
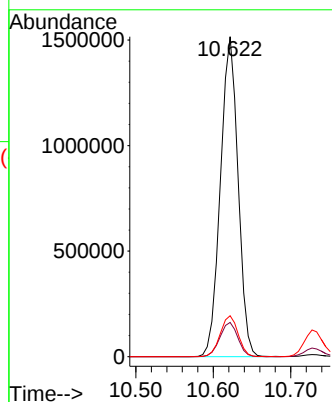
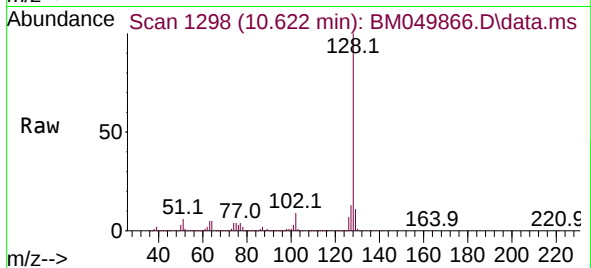




#31
Naphthalene
Concen: 46.394 ng
RT: 10.622 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

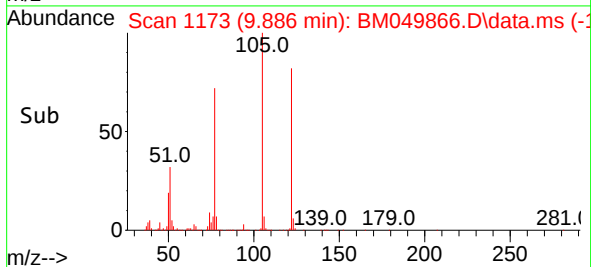
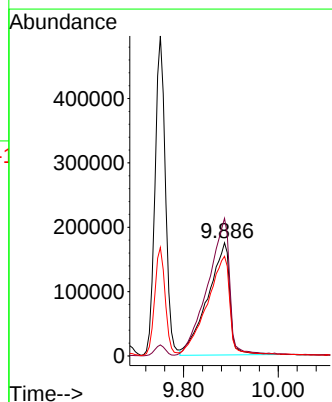
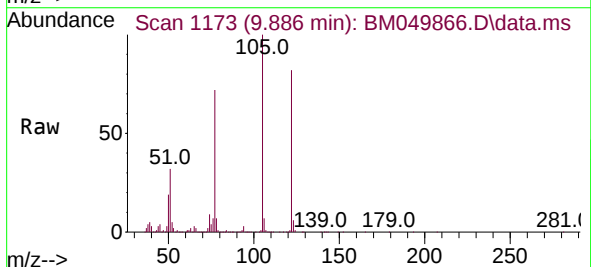
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

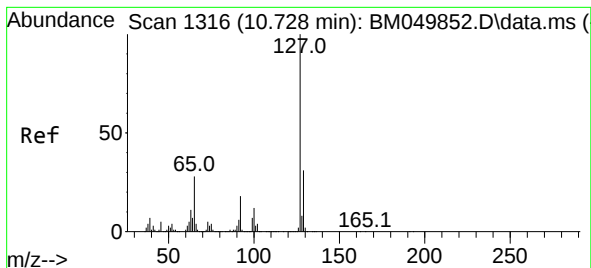
Tgt Ion:128 Resp: 2397631
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 44.477 ng
RT: 9.886 min Scan# 1173
Delta R.T. 0.011 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:122 Resp: 566036
Ion Ratio Lower Upper
122 100
105 121.7 103.8 143.8
77 88.2 70.7 110.7

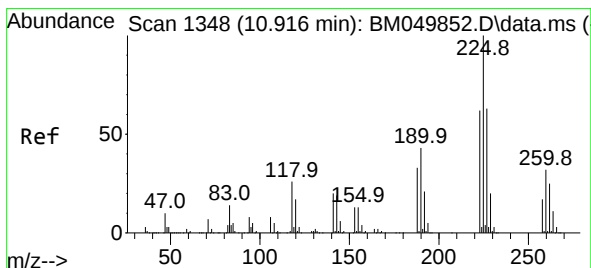
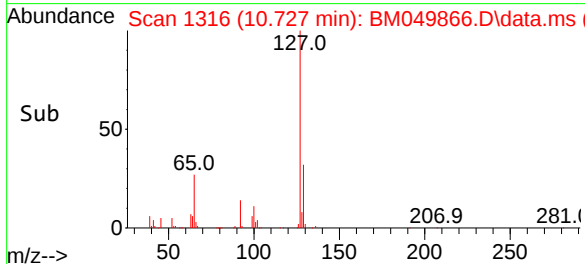
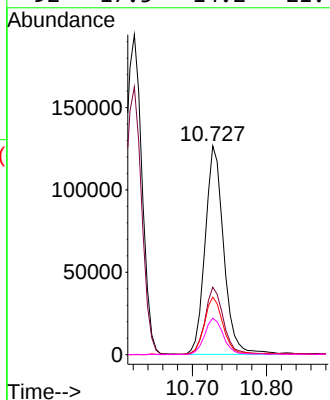
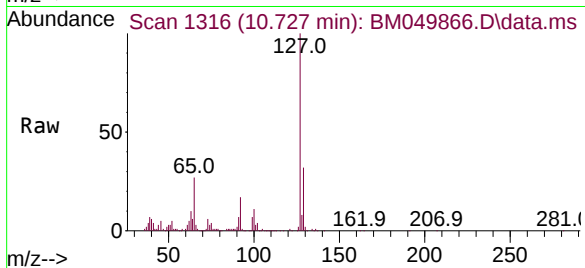




#33
4-Chloroaniline
Concen: 12.075 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

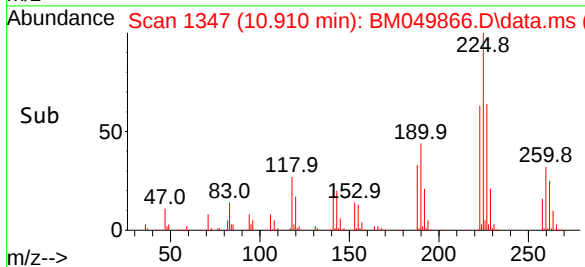
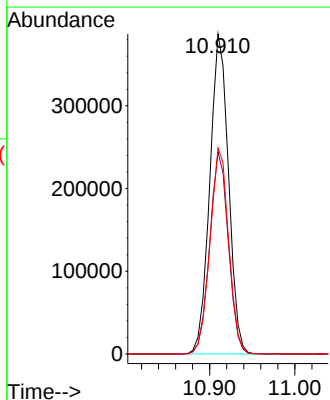
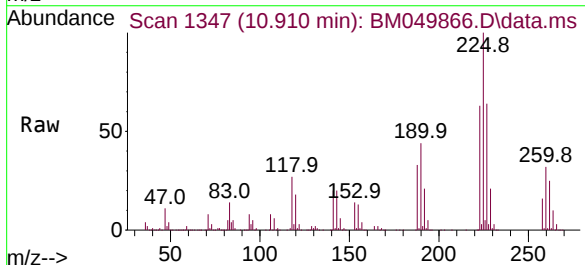
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

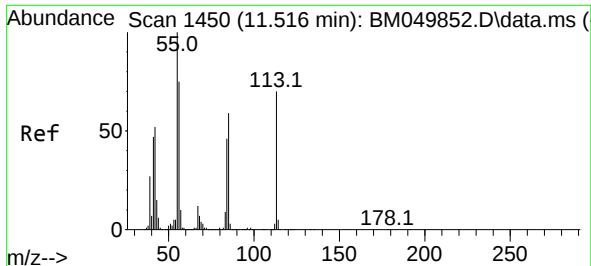
Tgt Ion:	127	Resp:	220350
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.9	37.3
65	27.5	22.4	33.6
92	17.5	14.2	21.4



#34
Hexachlorobutadiene
Concen: 47.367 ng
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:	225	Resp:	588579
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	64.4	50.1	75.1

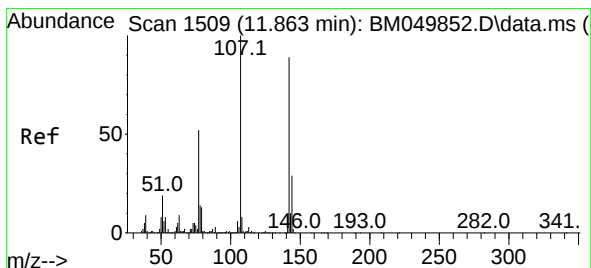
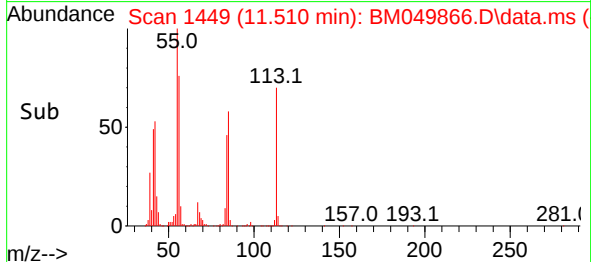
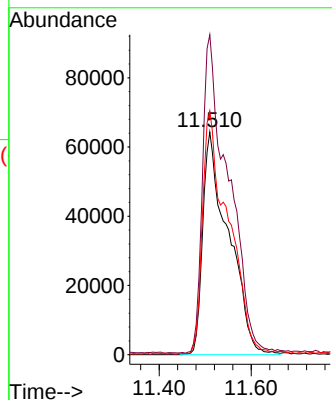
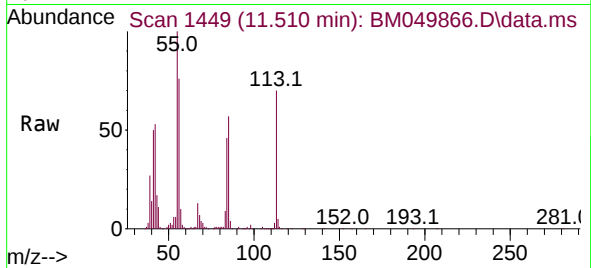




#35
Caprolactam
Concen: 49.739 ng
RT: 11.510 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

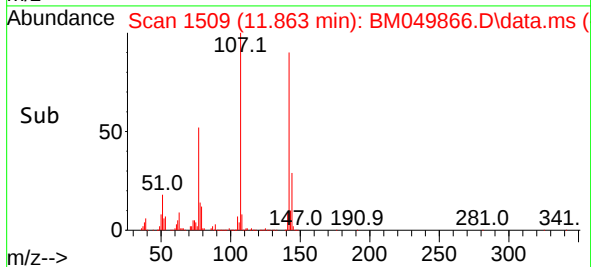
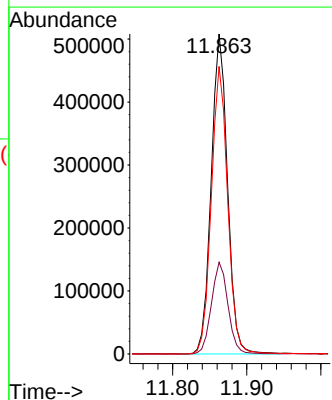
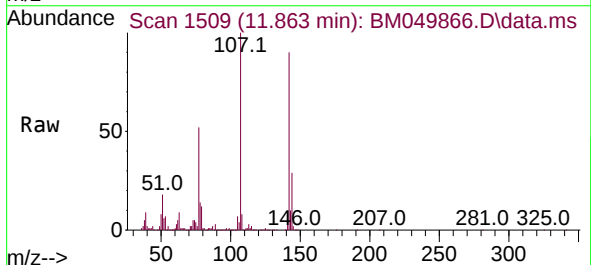
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

Tgt Ion:113 Resp: 247722
Ion Ratio Lower Upper
113 100
55 143.6 124.3 164.3
56 109.4 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 51.063 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:107 Resp: 776696
Ion Ratio Lower Upper
107 100
144 28.6 23.6 35.4
142 89.9 71.4 107.0

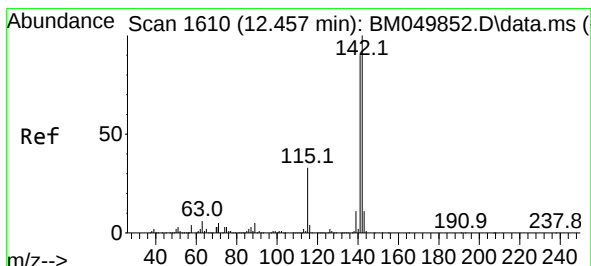
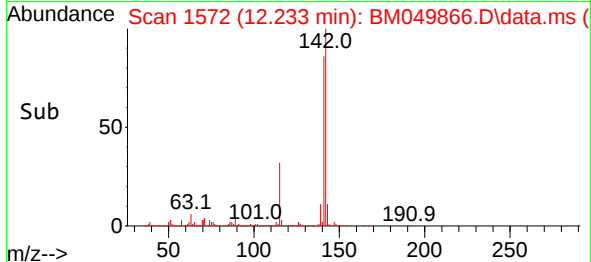
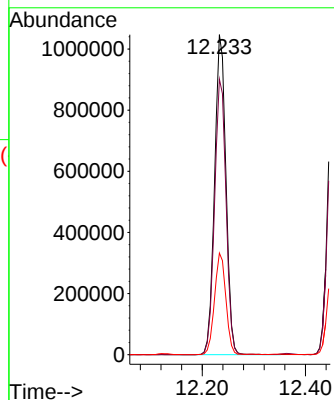
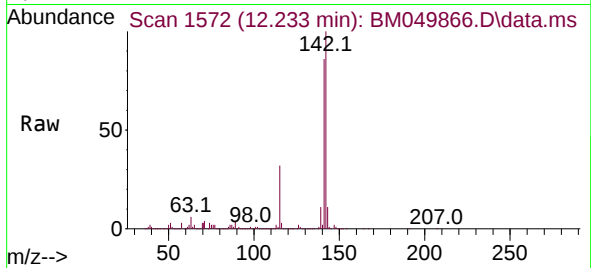




#37
2-Methylnaphthalene
Concen: 43.805 ng
RT: 12.233 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

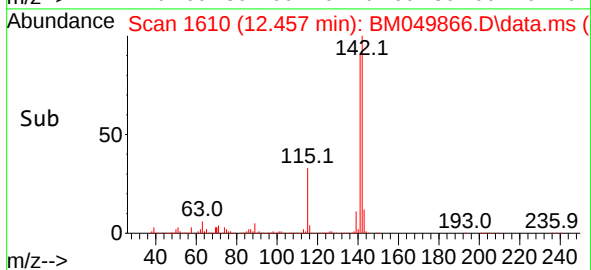
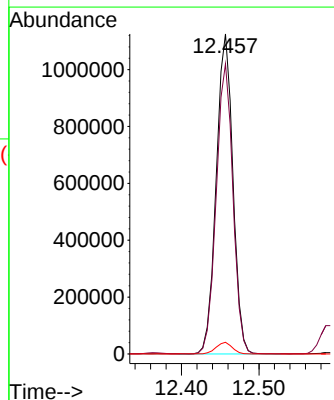
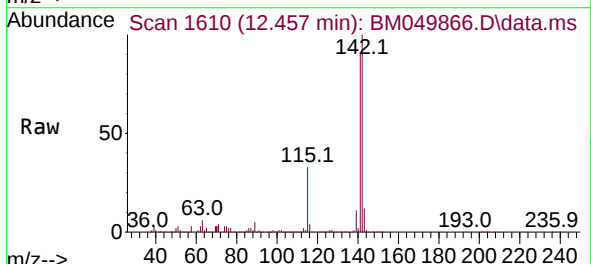
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

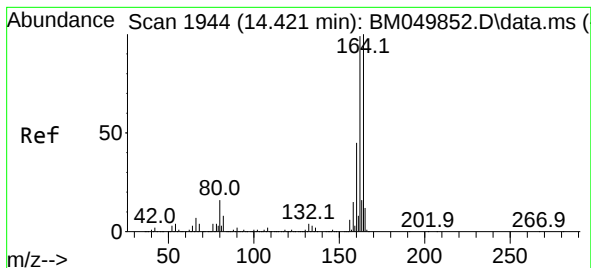
Tgt Ion:142 Resp: 1595016
Ion Ratio Lower Upper
142 100
141 86.1 70.2 105.2
115 31.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 47.320 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:142 Resp: 1678627
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.421 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

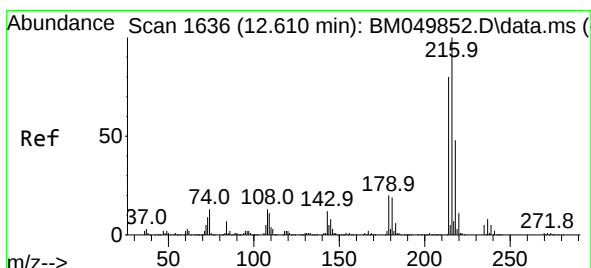
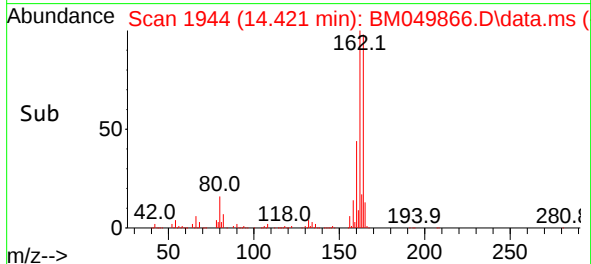
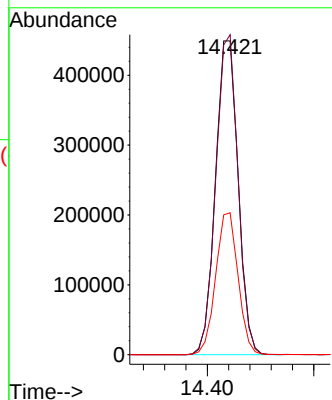
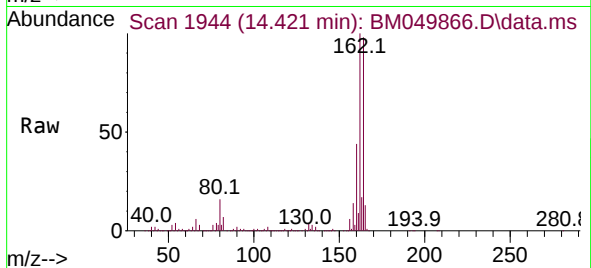
Tgt Ion:164 Resp: 663787

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.0

160 45.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.115 ng

RT: 12.610 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Tgt Ion:216 Resp: 1117353

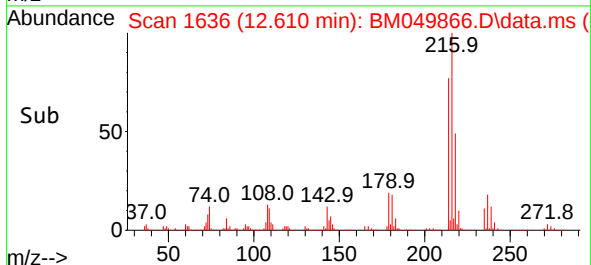
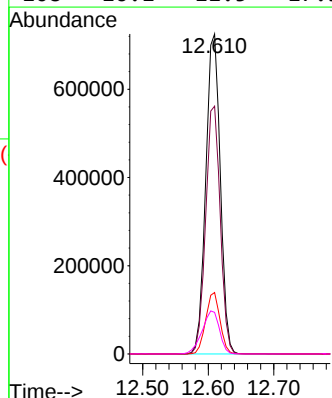
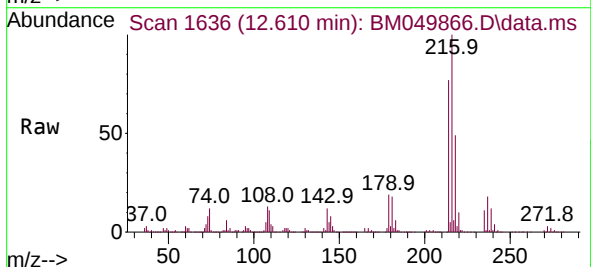
Ion Ratio Lower Upper

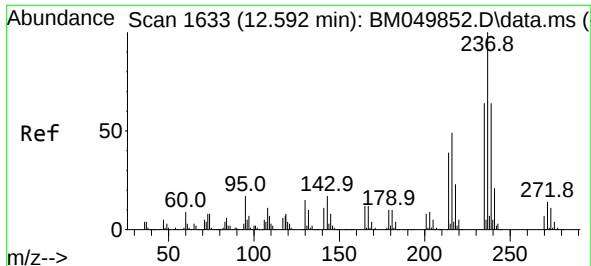
216 100

214 77.8 63.2 94.8

179 18.9 15.8 23.6

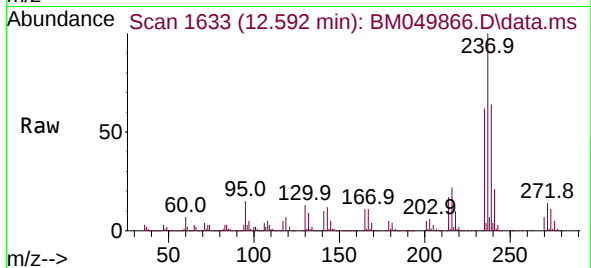
108 16.1 11.5 17.3



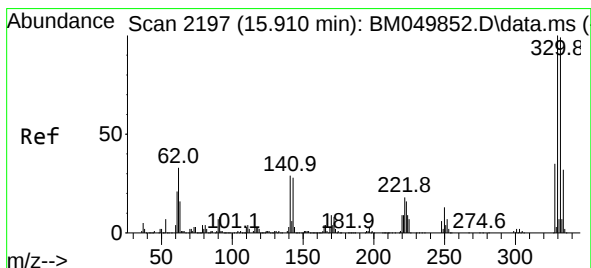
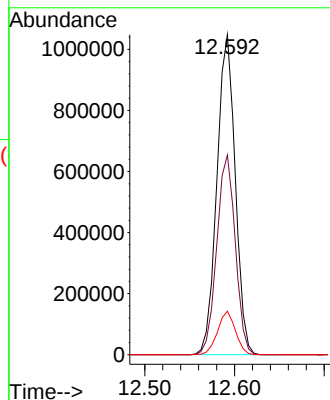
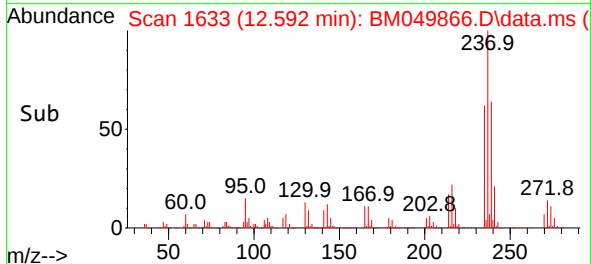


#41
Hexachlorocyclopentadiene
Concen: 182.669 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

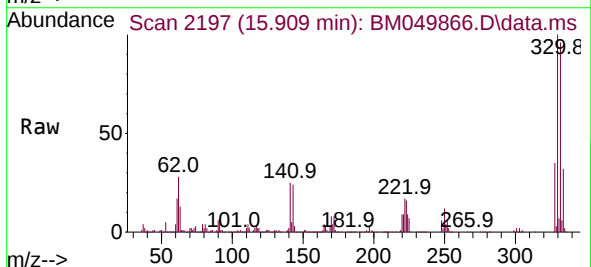
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD



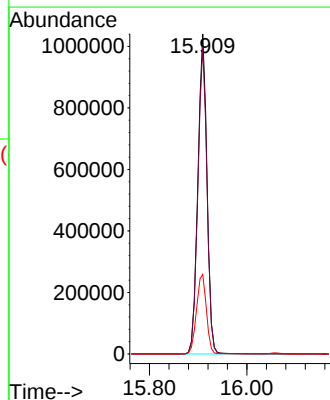
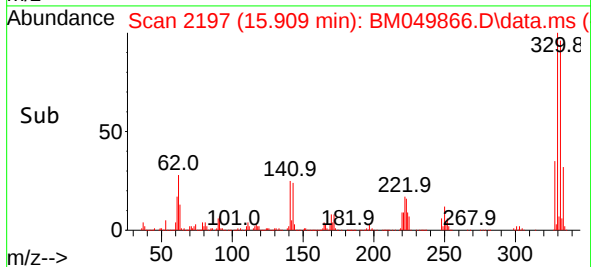
Tgt Ion:237 Resp: 1486422
Ion Ratio Lower Upper
237 100
235 62.4 43.7 83.7
272 13.6 0.0 33.5

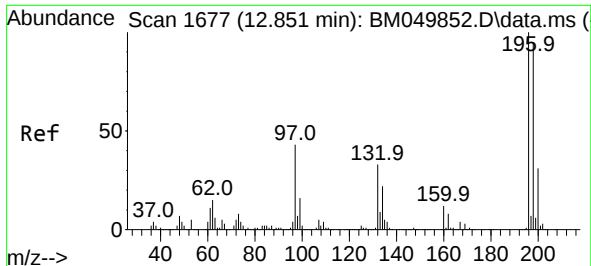


#42
2,4,6-Tribromophenol
Concen: 140.587 ng
RT: 15.909 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47



Tgt Ion:330 Resp: 1357374
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 27.1 23.5 35.3

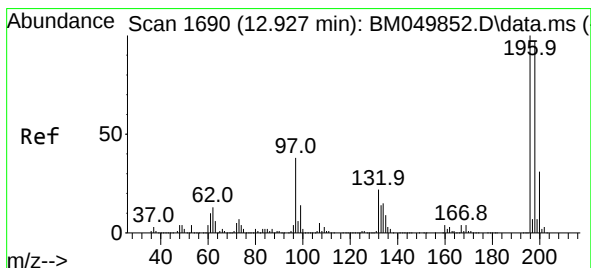
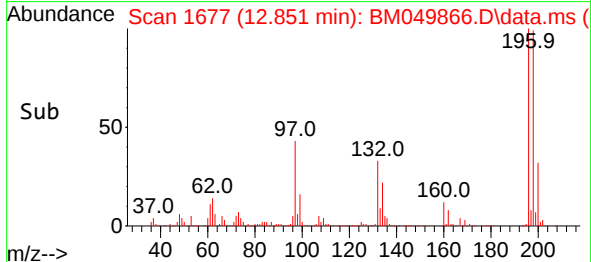
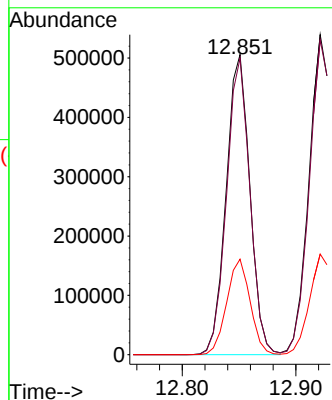
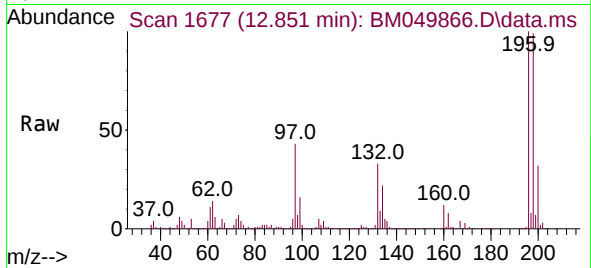




#43
2,4,6-Trichlorophenol
Concen: 49.674 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

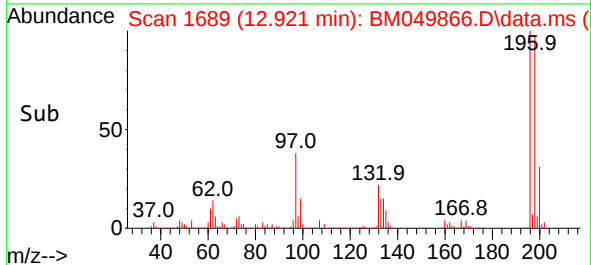
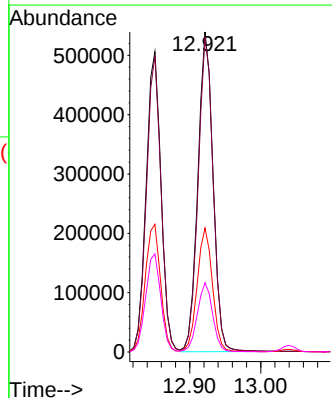
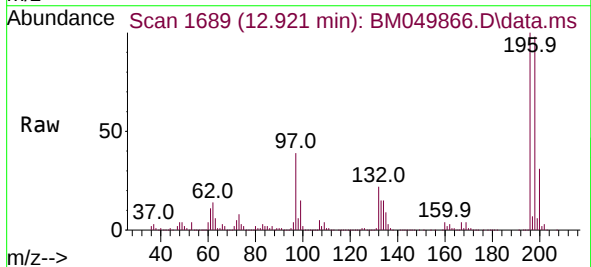
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

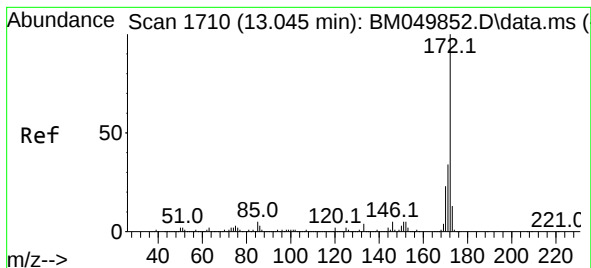
Tgt Ion:196 Resp: 734045
Ion Ratio Lower Upper
196 100
198 98.8 76.1 114.1
200 31.8 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.122 ng
RT: 12.921 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:196 Resp: 804889
Ion Ratio Lower Upper
196 100
198 98.4 77.7 116.5
97 38.7 30.3 45.5
132 21.6 17.3 25.9

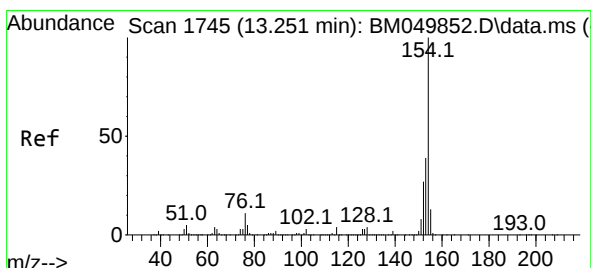
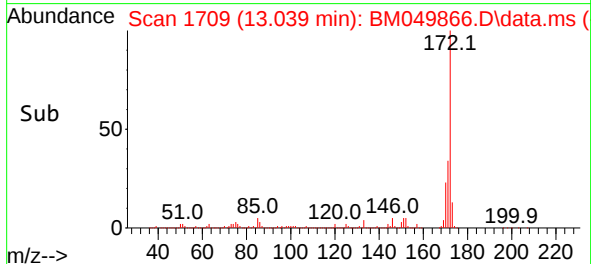
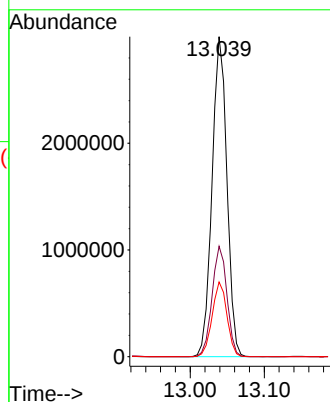
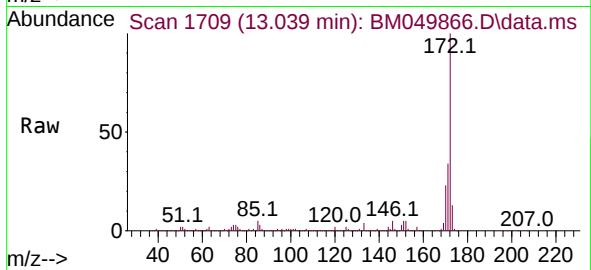




#45
2-Fluorobiphenyl
Concen: 85.197 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

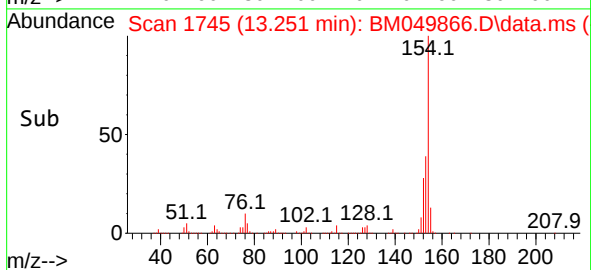
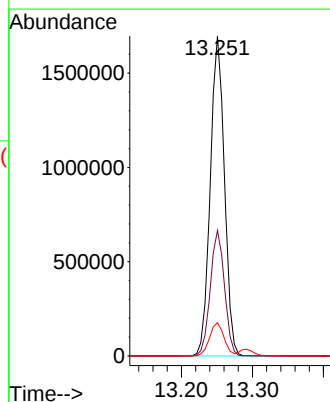
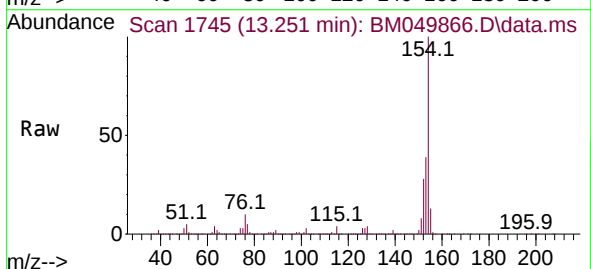
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

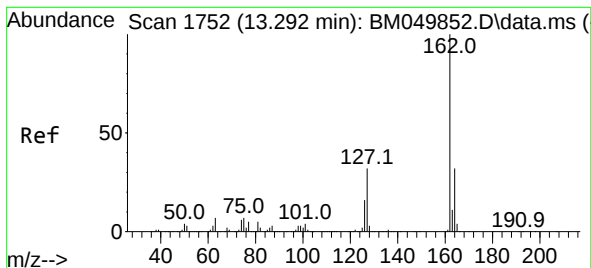
Tgt Ion:172 Resp: 4170498
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.2
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.618 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:154 Resp: 2349677
Ion Ratio Lower Upper
154 100
153 39.3 19.3 59.3
76 10.4 0.0 30.7

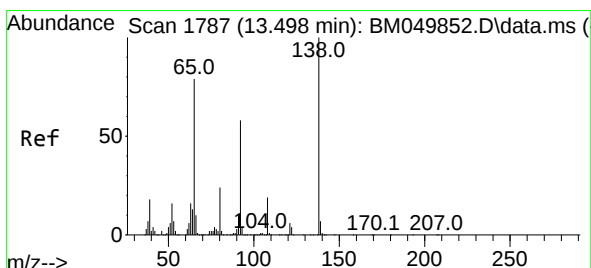
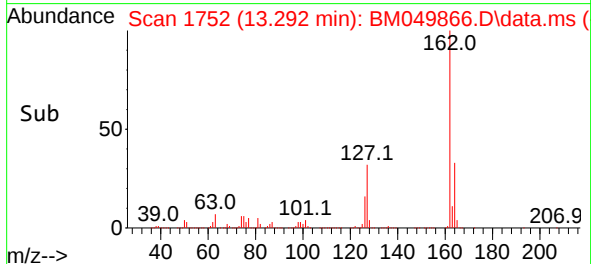
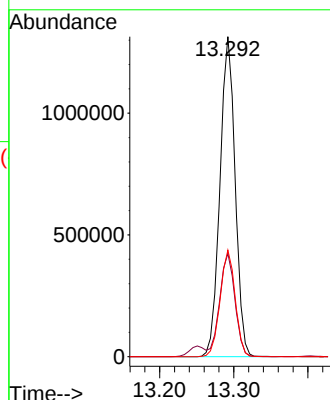
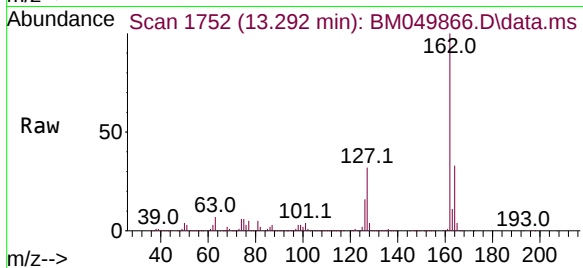




#47
2-Chloronaphthalene
Concen: 48.265 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

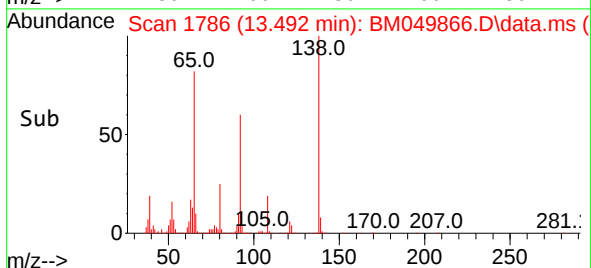
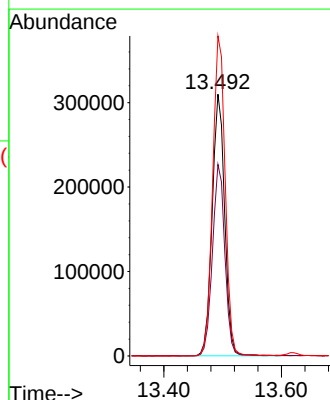
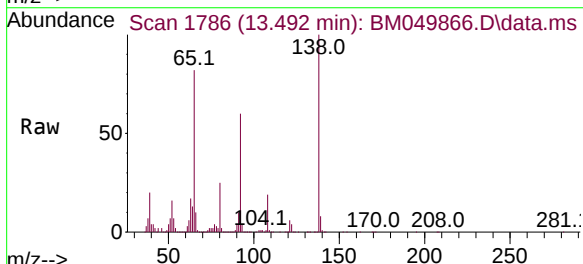
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

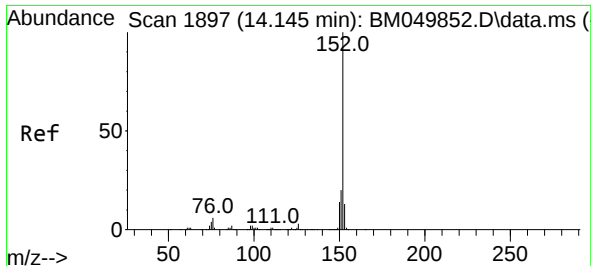
Tgt Ion:162 Resp: 1871890
Ion Ratio Lower Upper
162 100
127 32.2 26.0 39.0
164 33.3 25.9 38.9



#48
2-Nitroaniline
Concen: 50.860 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 65 Resp: 456335
Ion Ratio Lower Upper
65 100
92 73.1 58.4 87.6
138 122.2 100.8 151.2

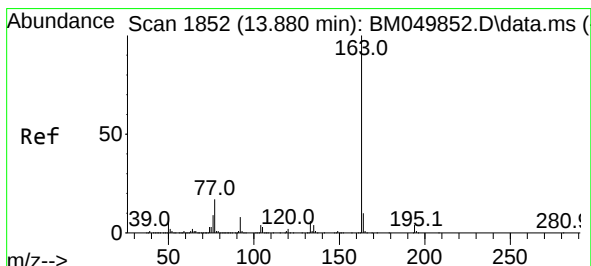
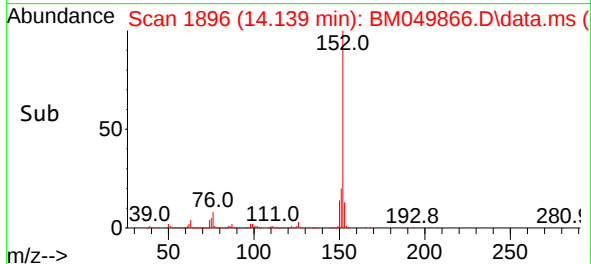
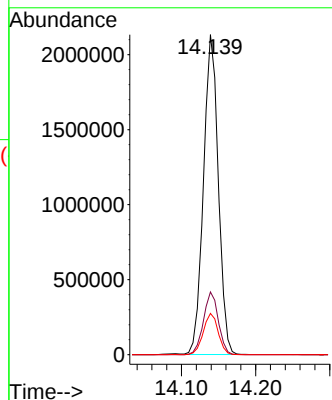
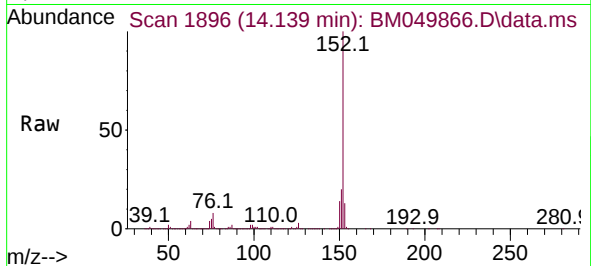




#49
Acenaphthylene
Concen: 52.609 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

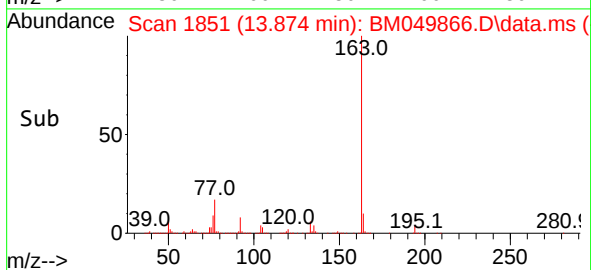
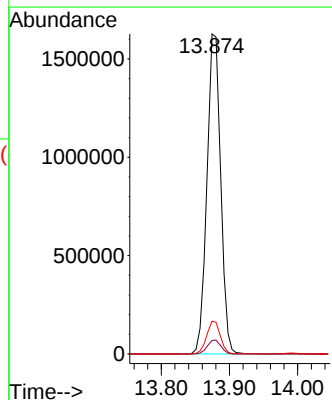
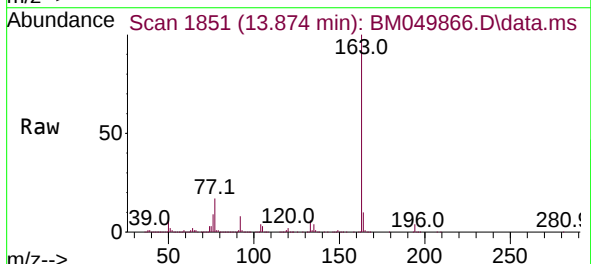
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

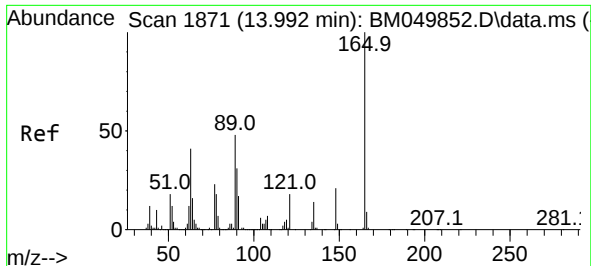
Tgt Ion:152 Resp: 2972105
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 48.754 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:163 Resp: 2283140
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 7.9 11.9

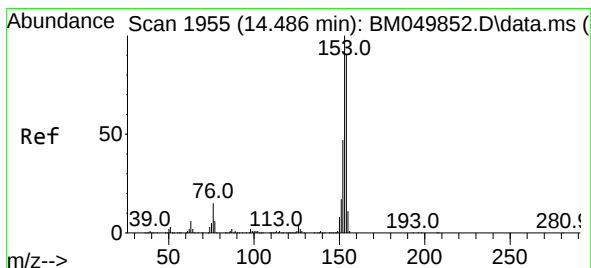
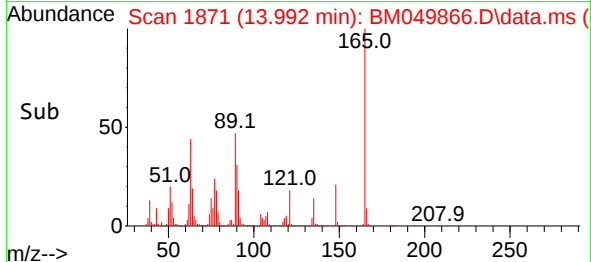
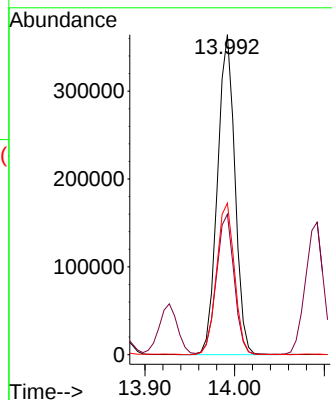
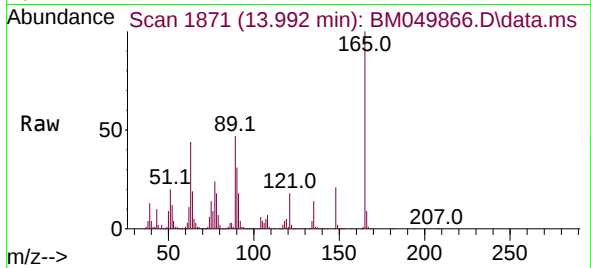




#51
2,6-Dinitrotoluene
Concen: 50.195 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

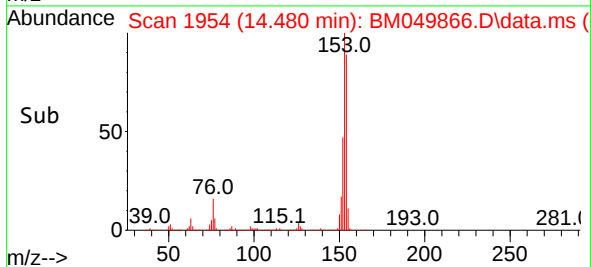
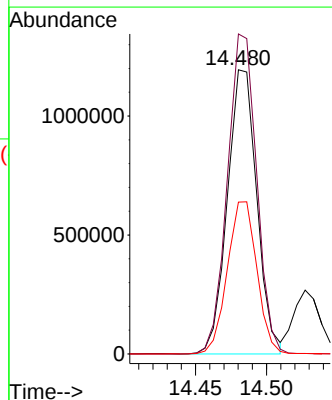
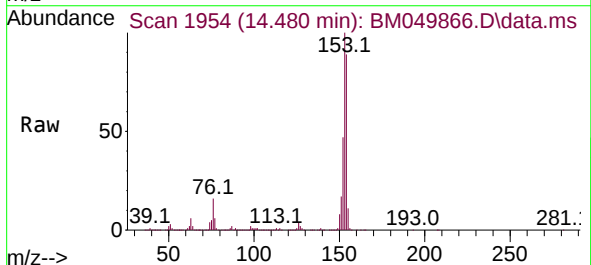
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

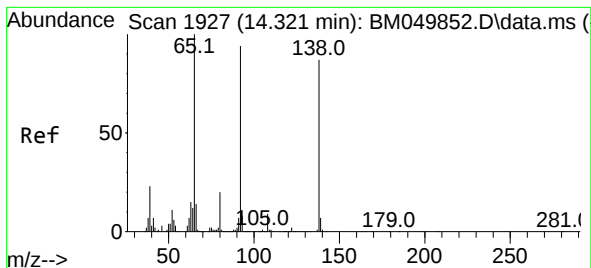
Tgt Ion:165 Resp: 492479
Ion Ratio Lower Upper
165 100
63 43.9 36.1 54.1
89 47.4 38.3 57.5



#52
Acenaphthene
Concen: 47.994 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:154 Resp: 1724643
Ion Ratio Lower Upper
154 100
153 112.6 89.3 133.9
152 53.4 42.2 63.2

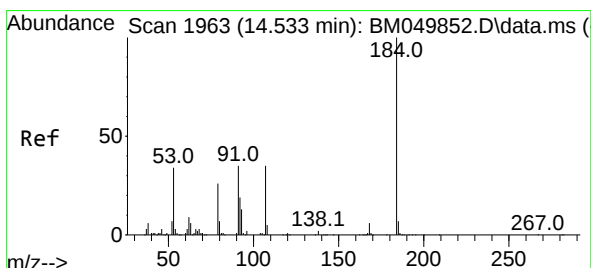
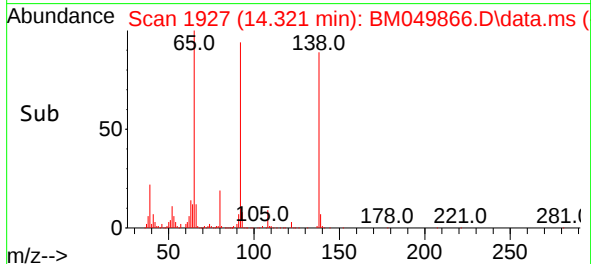
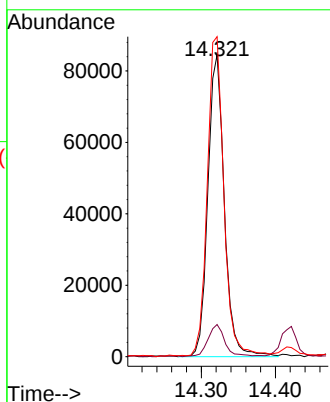
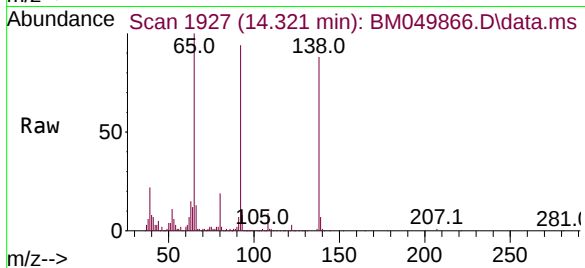




#53
3-Nitroaniline
Concen: 13.777 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

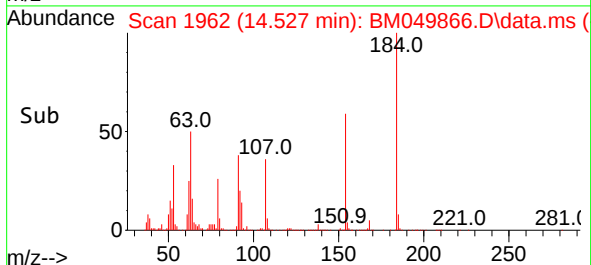
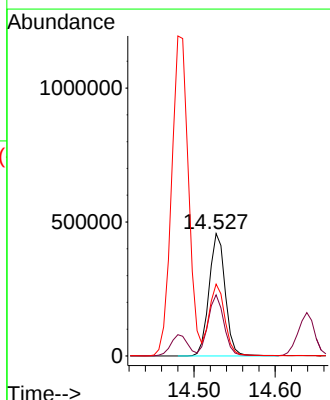
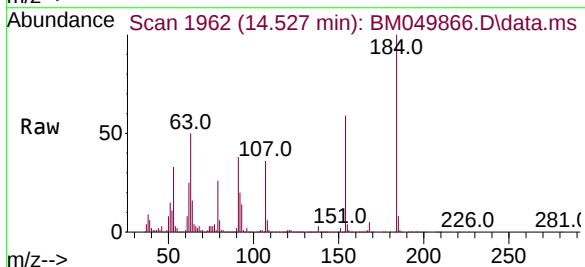
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

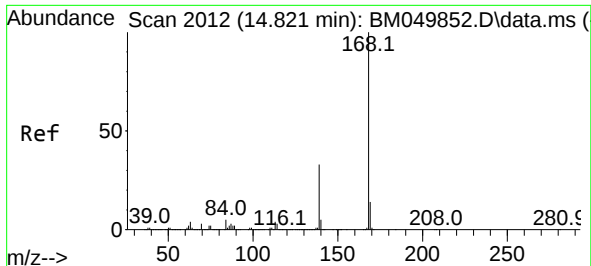
Tgt Ion:138 Resp: 130642
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 106.0 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 87.809 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

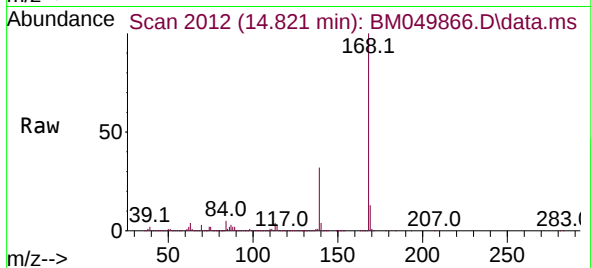
Tgt Ion:184 Resp: 629408
Ion Ratio Lower Upper
184 100
63 50.0 38.4 57.6
154 58.7 48.1 72.1



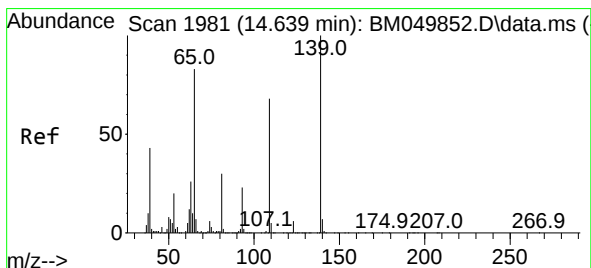
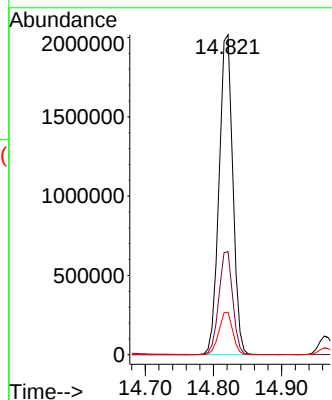
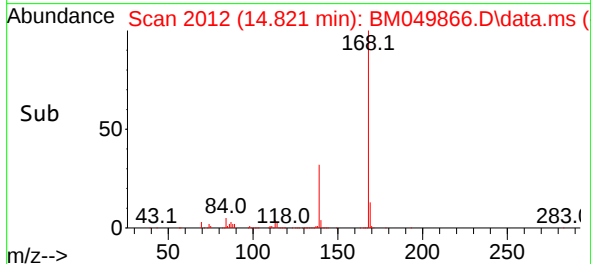


#55
Dibenzofuran
Concen: 47.217 ng
RT: 14.821 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

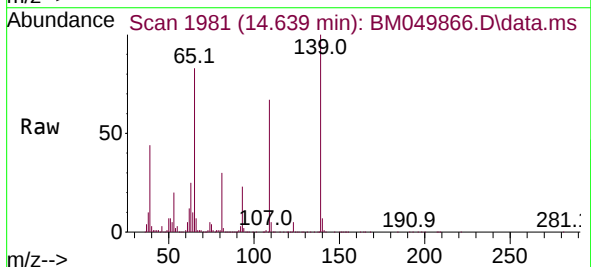
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD



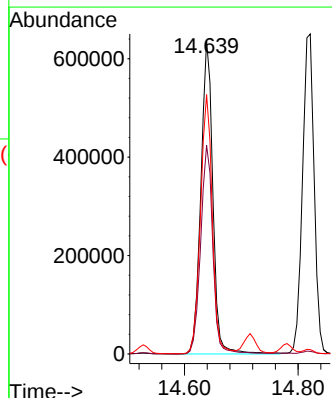
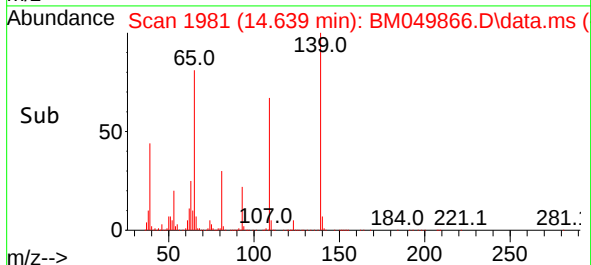
Tgt Ion:168 Resp: 2836442
Ion Ratio Lower Upper
168 100
139 32.2 26.6 39.8
169 13.3 11.0 16.4

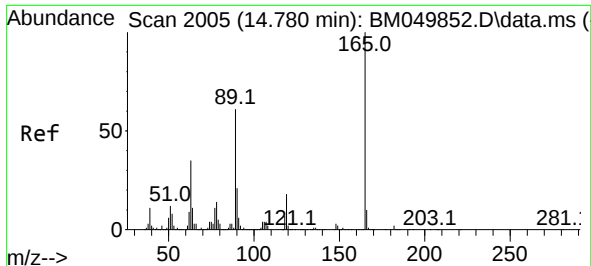


#56
4-Nitrophenol
Concen: 110.572 ng
RT: 14.639 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47



Tgt Ion:139 Resp: 934371
Ion Ratio Lower Upper
139 100
109 66.6 47.9 87.9
65 82.8 62.7 102.7

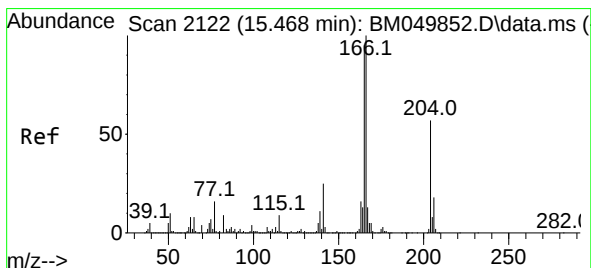
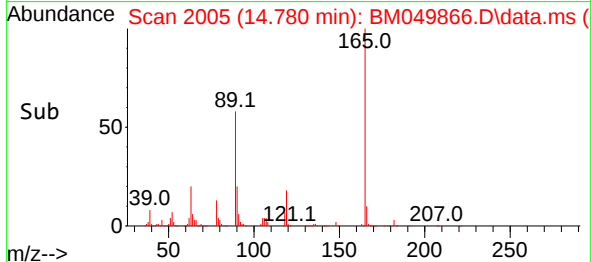
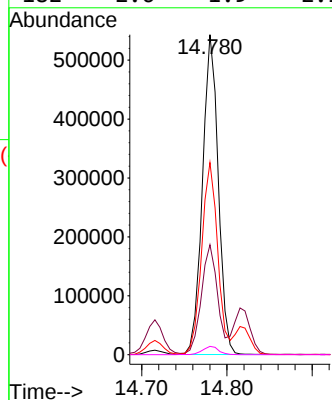
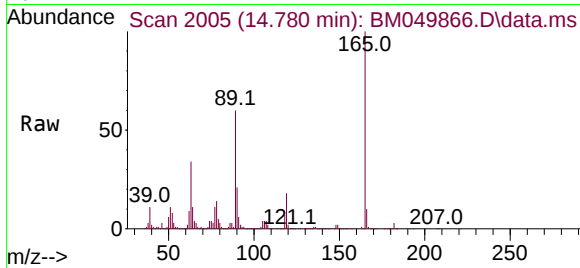




#57
2,4-Dinitrotoluene
Concen: 53.380 ng
RT: 14.780 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

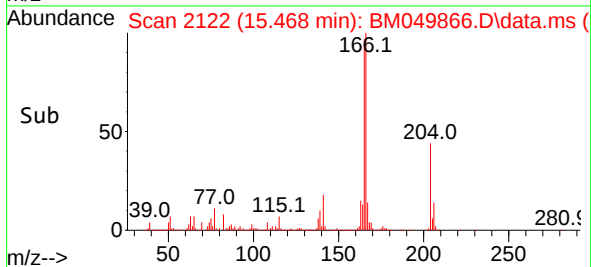
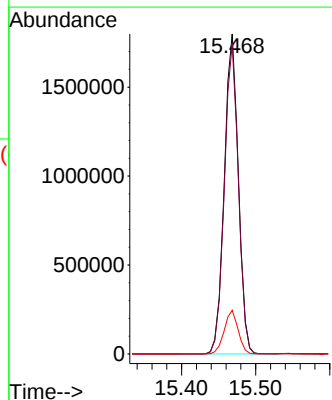
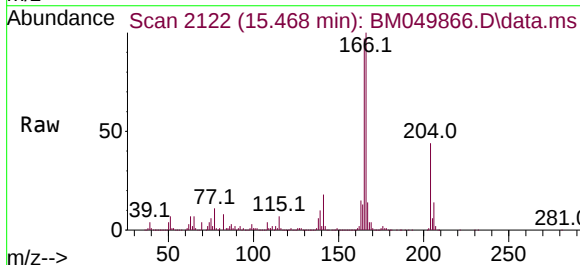
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

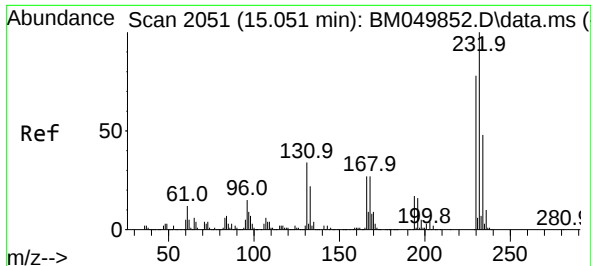
Tgt Ion:	165	Resp:	698694
Ion	Ratio	Lower	Upper
165	100		
63	34.4	28.6	42.8
89	60.1	49.0	73.6
182	2.6	1.9	2.9



#58
Fluorene
Concen: 49.757 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:	166	Resp:	2375933
Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.3	114.5
167	13.7	10.7	16.1

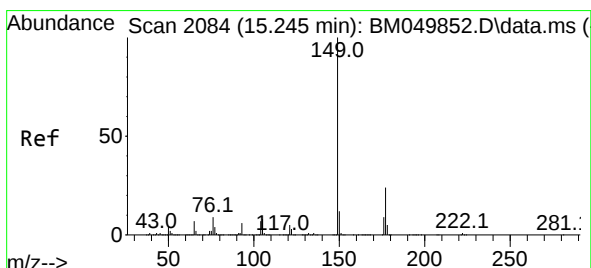
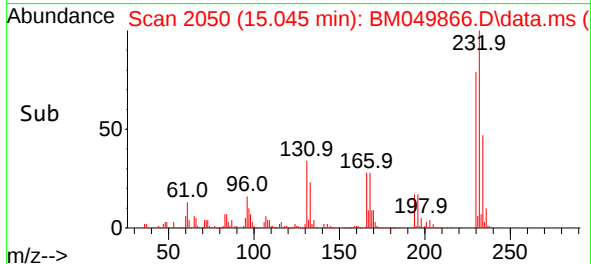
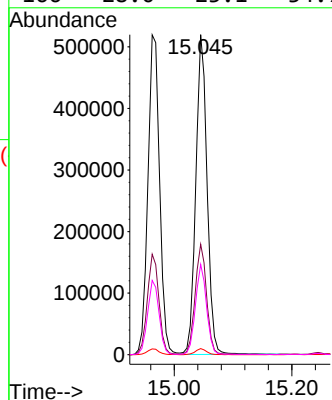
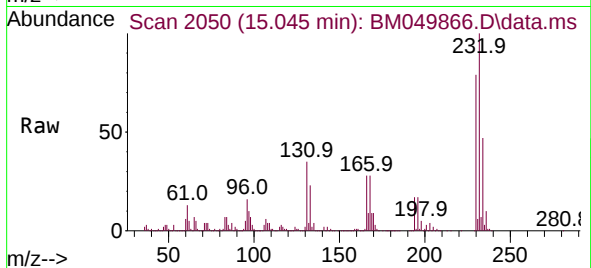




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.194 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

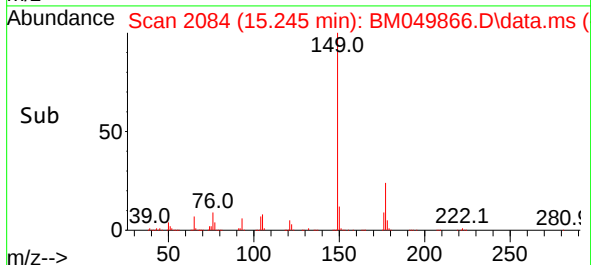
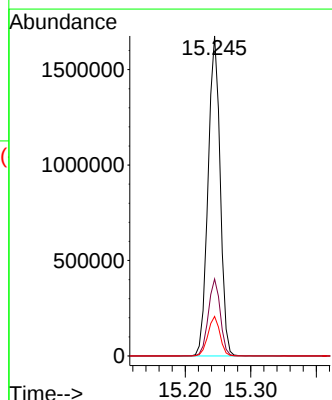
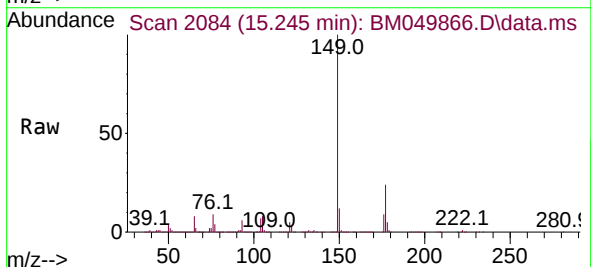
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

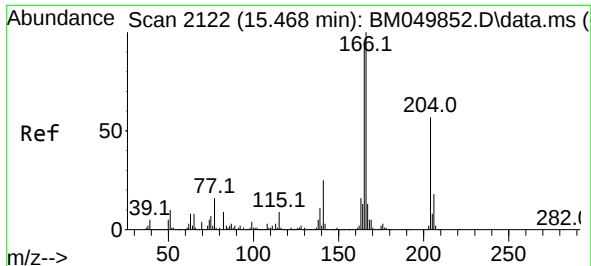
Tgt Ion:232 Resp: 692400
Ion Ratio Lower Upper
232 100
131 34.9 28.4 42.6
130 1.9 1.6 2.4
166 28.0 23.1 34.7



#60
Diethylphthalate
Concen: 47.838 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:149 Resp: 2148314
Ion Ratio Lower Upper
149 100
177 24.1 19.0 28.4
150 12.3 9.7 14.5

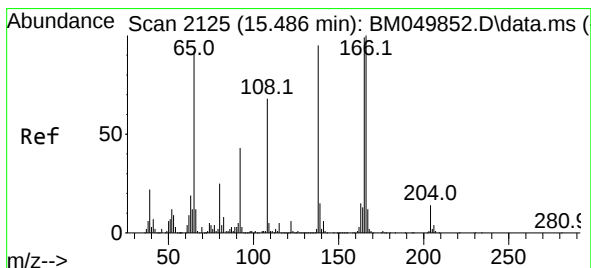
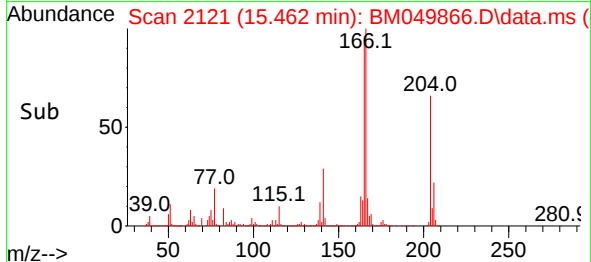
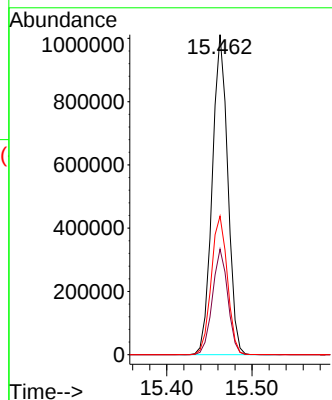
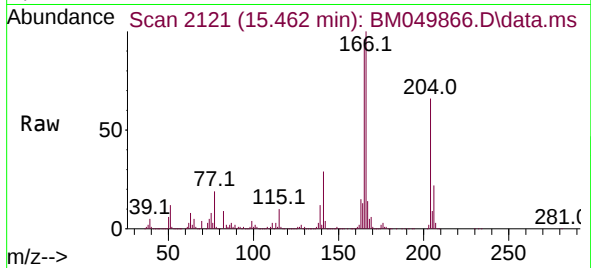




#61
4-Chlorophenyl-phenylether
Concen: 50.036 ng
RT: 15.462 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

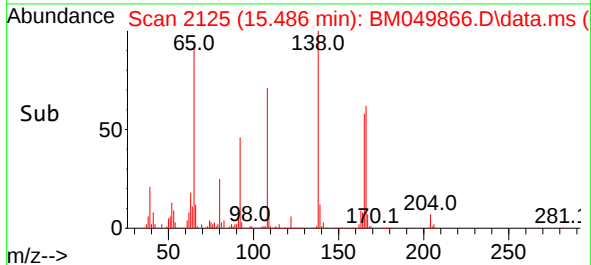
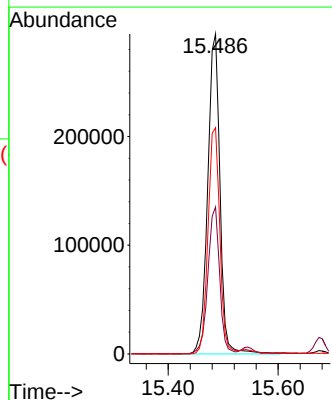
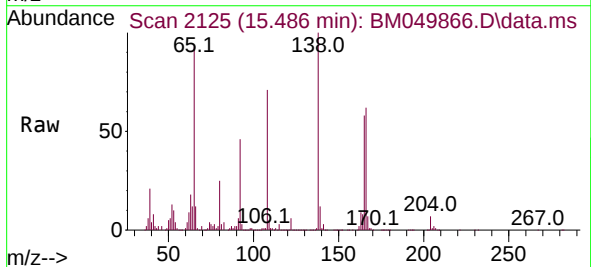
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

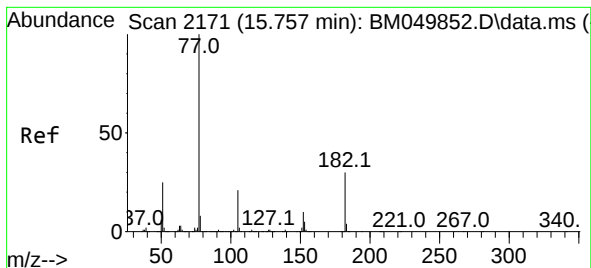
Tgt Ion:204 Resp: 1280962
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 43.3 35.0 52.6



#62
4-Nitroaniline
Concen: 46.478 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:138 Resp: 455783
Ion Ratio Lower Upper
138 100
92 46.0 24.9 64.9
108 70.7 51.7 91.7

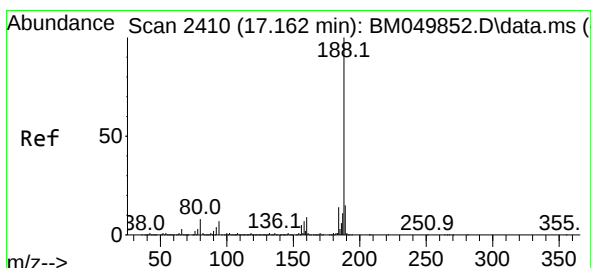
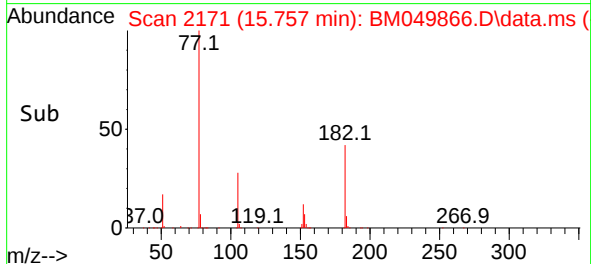
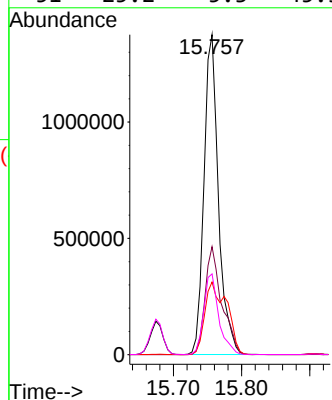
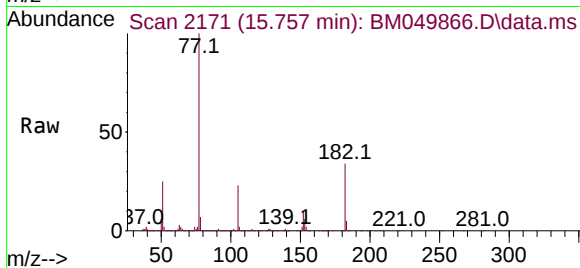




#63
Azobenzene
Concen: 52.794 ng
RT: 15.757 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

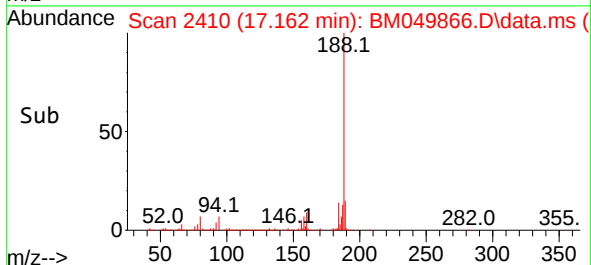
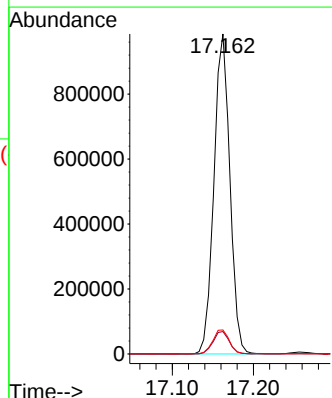
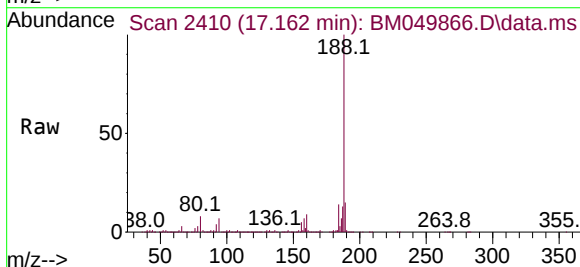
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

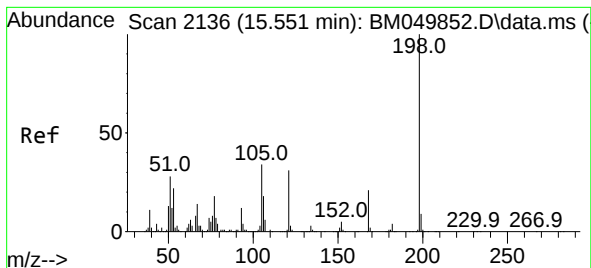
Tgt Ion: 77 Resp: 2029859
Ion Ratio Lower Upper
77 100
182 33.8 10.4 50.4
105 22.7 1.5 41.5
51 25.2 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:188 Resp: 1342339
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 7.5 6.4 9.6

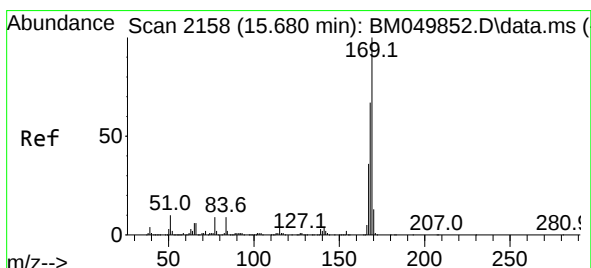
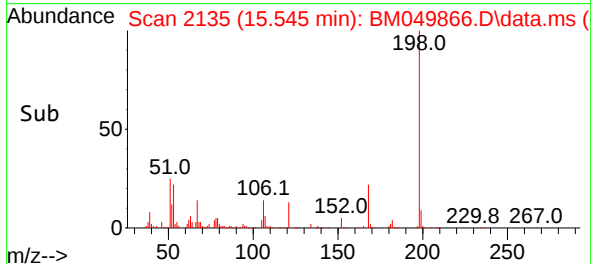
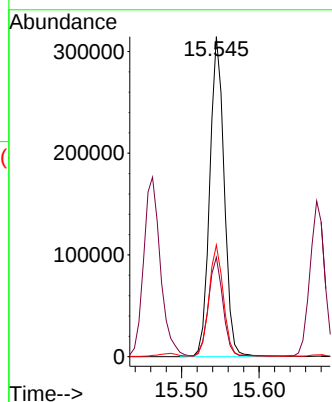
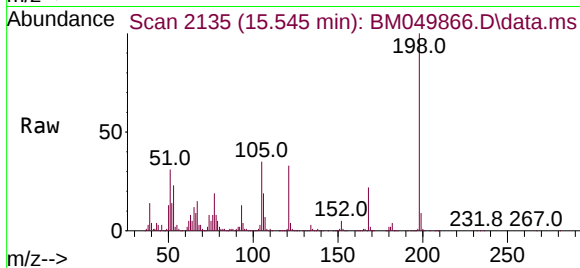




#65
4,6-Dinitro-2-methylphenol
Concen: 48.087 ng
RT: 15.545 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

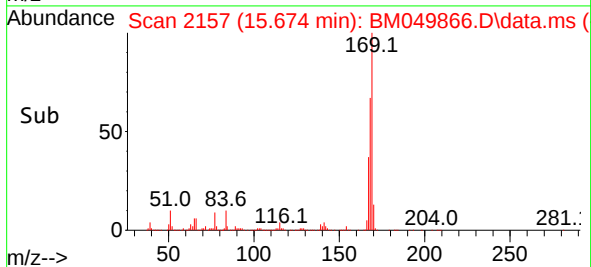
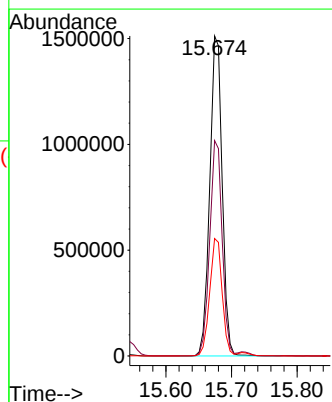
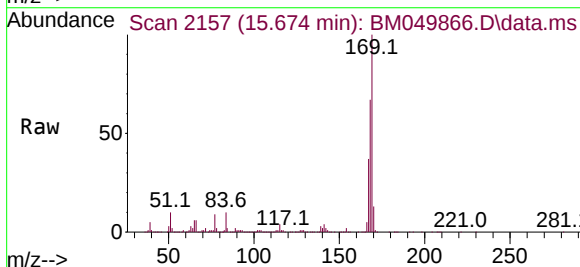
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

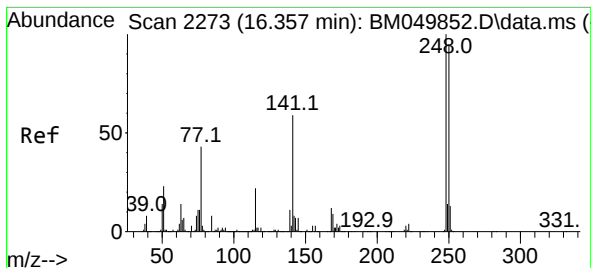
Tgt Ion:198 Resp: 406755
Ion Ratio Lower Upper
198 100
51 31.1 9.6 49.6
105 34.9 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 49.632 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:169 Resp: 1993763
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 36.7 29.0 43.6

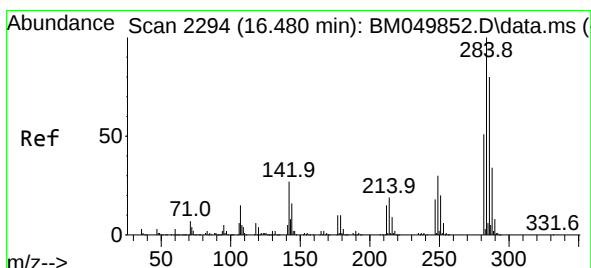
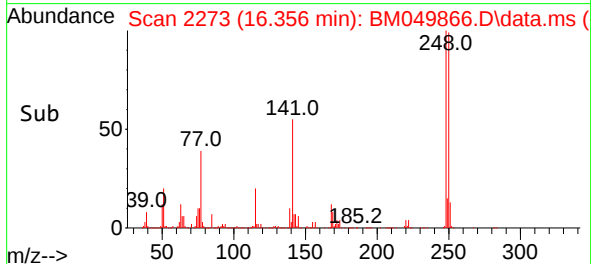
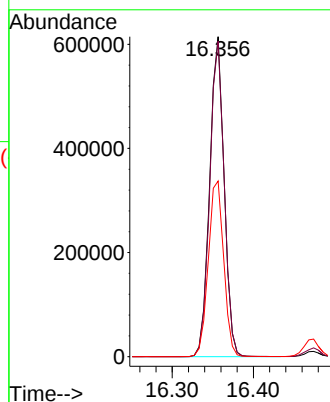
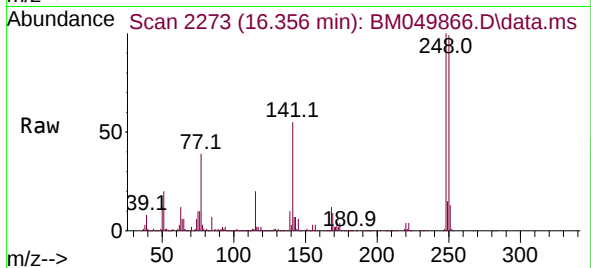




#67
4-Bromophenyl-phenylether
Concen: 48.699 ng
RT: 16.356 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

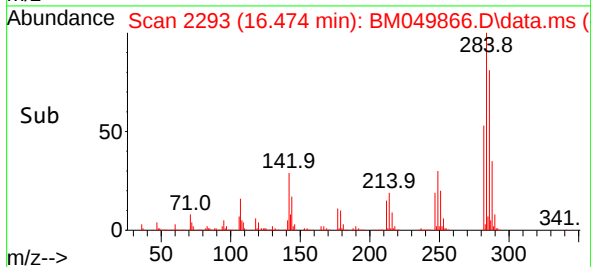
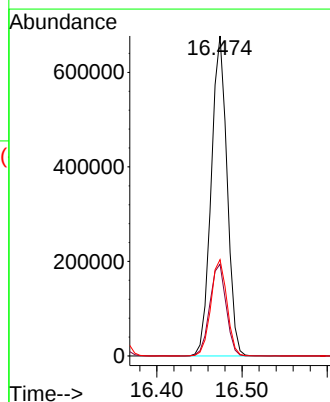
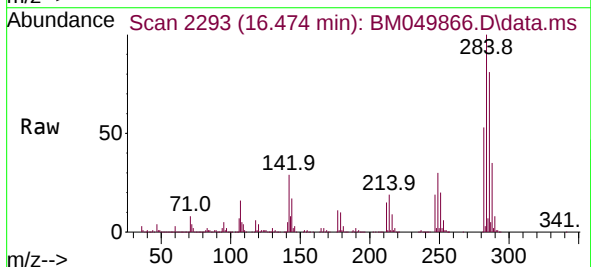
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

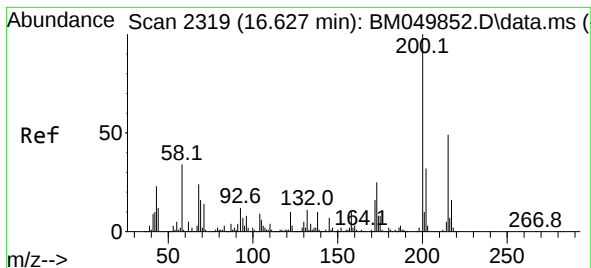
Tgt Ion:248 Resp: 758871
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.2
141 54.9 47.3 70.9



#68
Hexachlorobenzene
Concen: 48.940 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:284 Resp: 874754
Ion Ratio Lower Upper
284 100
142 28.7 21.2 31.8
249 30.1 24.1 36.1





#69

Atrazine

Concen: 70.795 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

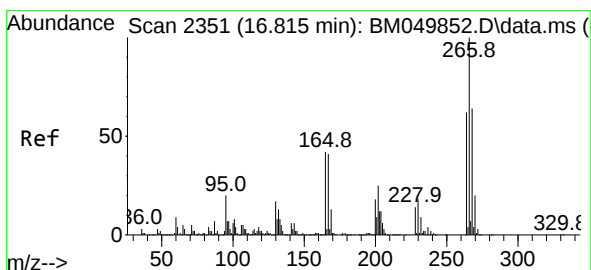
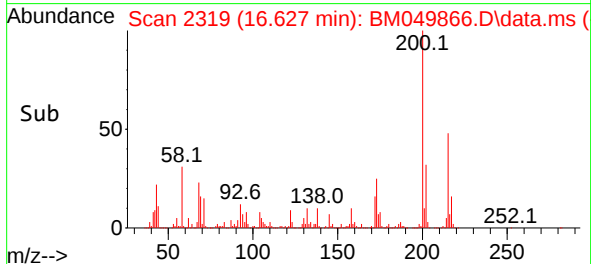
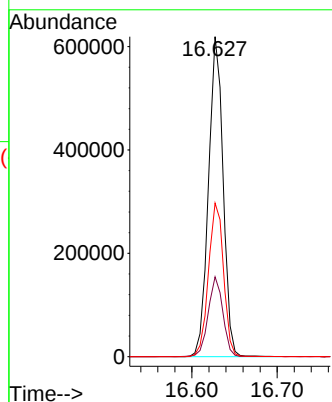
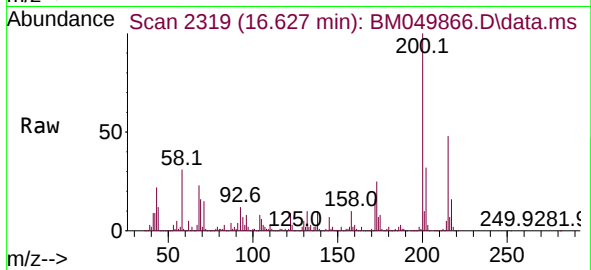
Tgt Ion:200 Resp: 737371

Ion Ratio Lower Upper

200 100

173 25.0 5.4 45.4

215 48.0 29.0 69.0



#70

Pentachlorophenol

Concen: 100.440 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

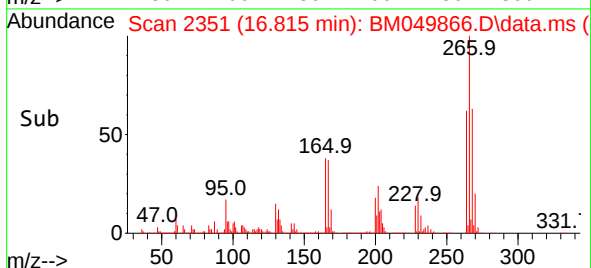
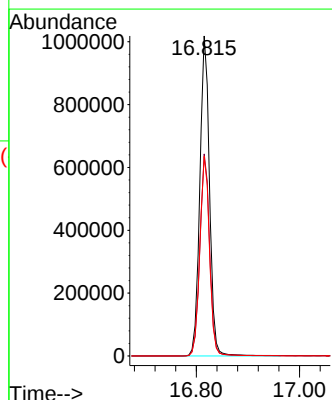
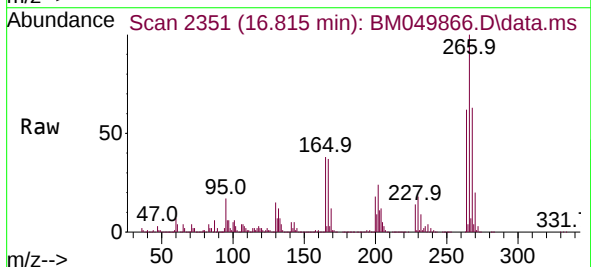
Tgt Ion:266 Resp: 1321712

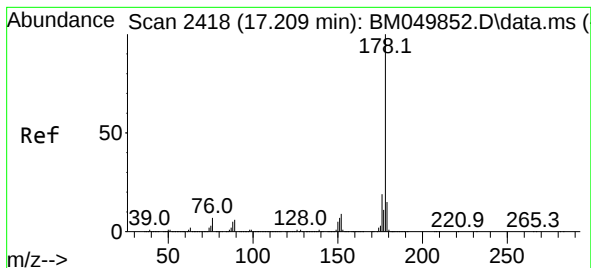
Ion Ratio Lower Upper

266 100

268 63.1 51.4 77.2

264 62.4 49.8 74.8





#71

Phenanthrene

Concen: 49.961 ng

RT: 17.203 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

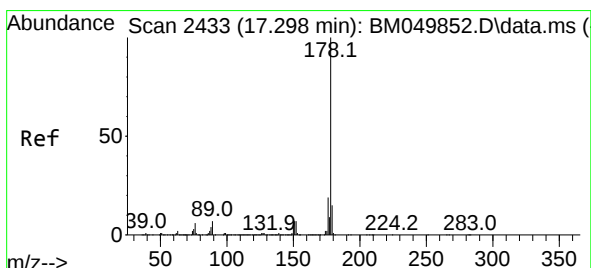
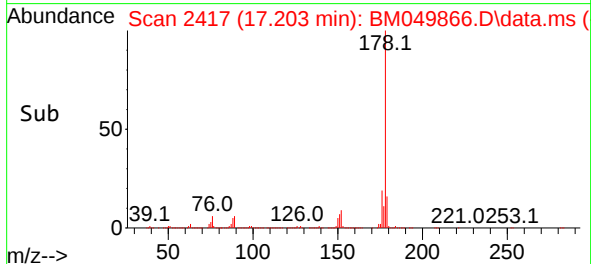
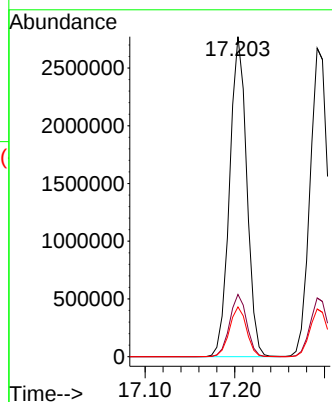
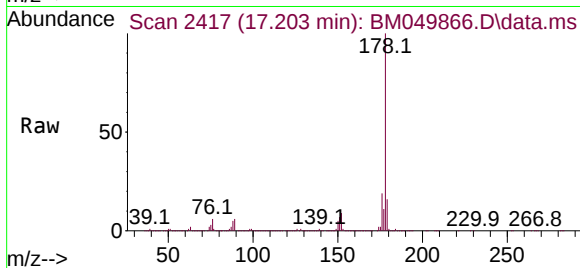
Tgt Ion:178 Resp: 3676782

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 51.857 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

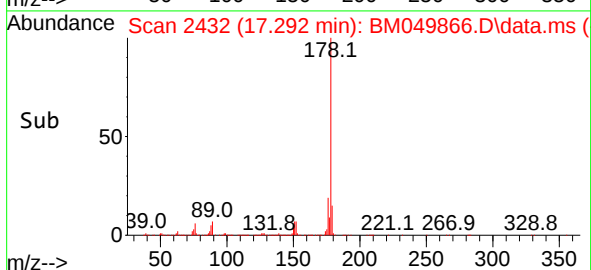
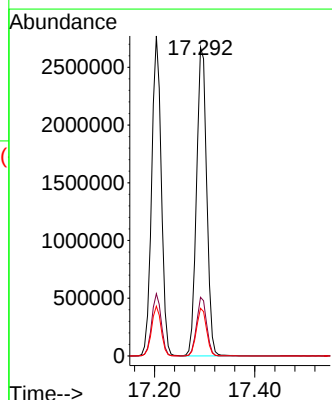
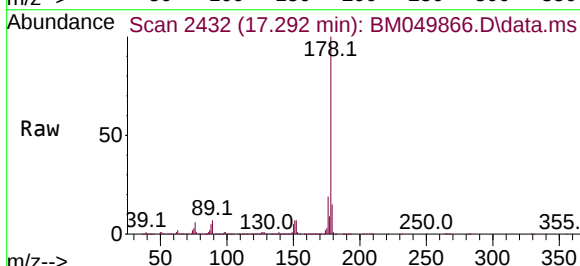
Tgt Ion:178 Resp: 3760847

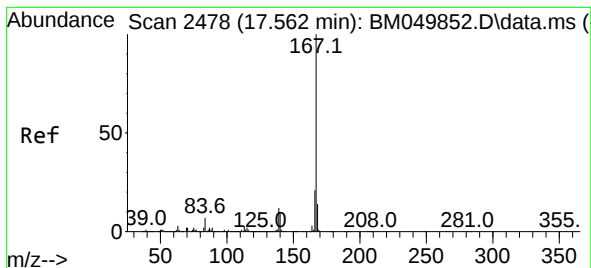
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.5 12.4 18.6





#73

Carbazole

Concen: 50.460 ng

RT: 17.562 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

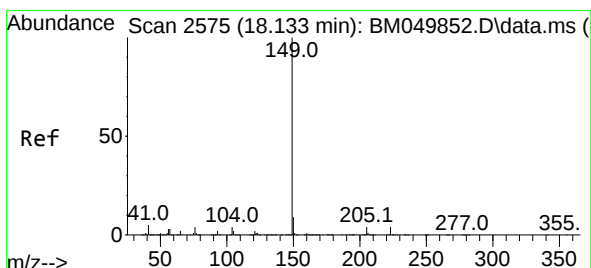
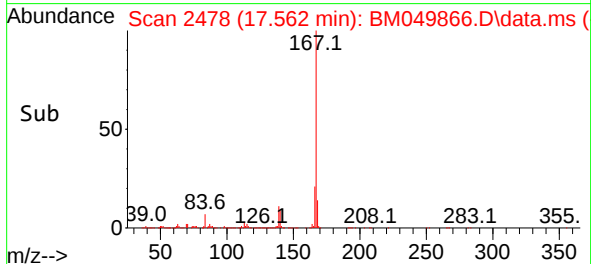
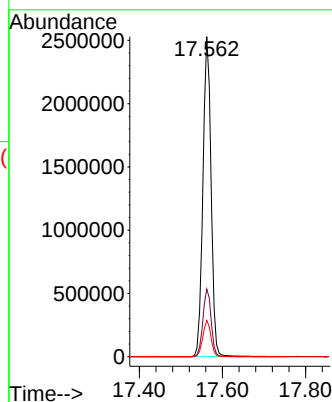
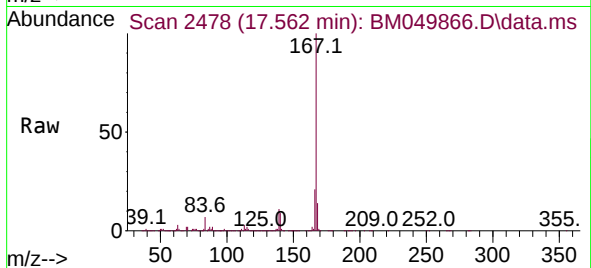
Tgt Ion:167 Resp: 3446827

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 11.4 9.3 13.9



#74

Di-n-butylphthalate

Concen: 48.323 ng

RT: 18.133 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

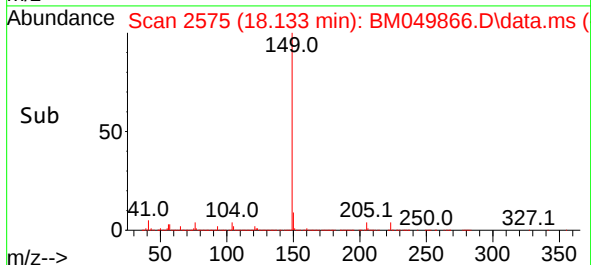
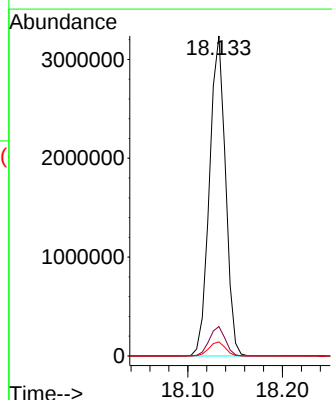
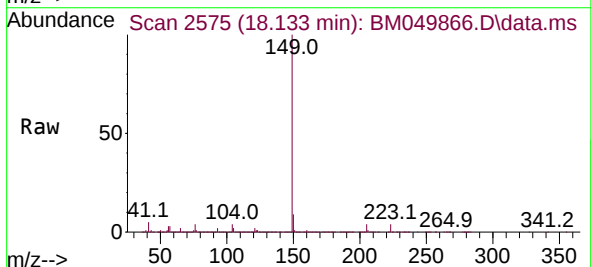
Tgt Ion:149 Resp: 3801949

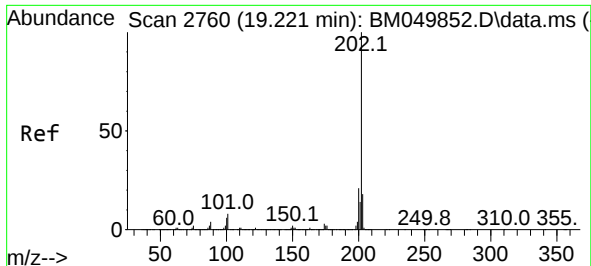
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.4 3.5 5.3

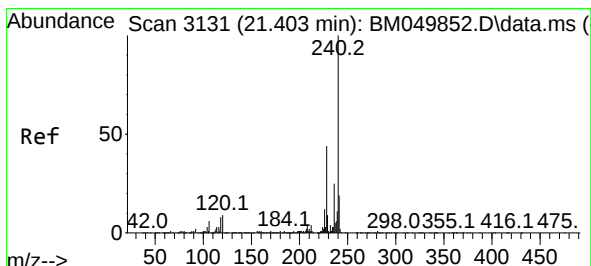
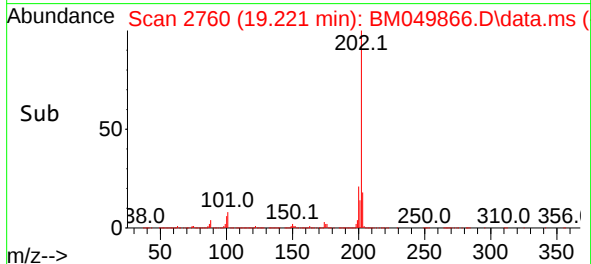
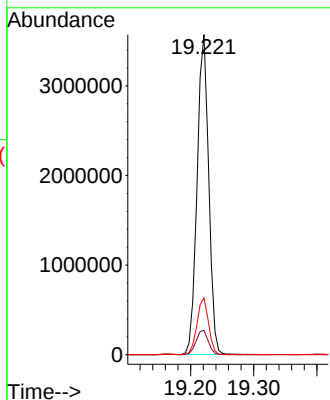
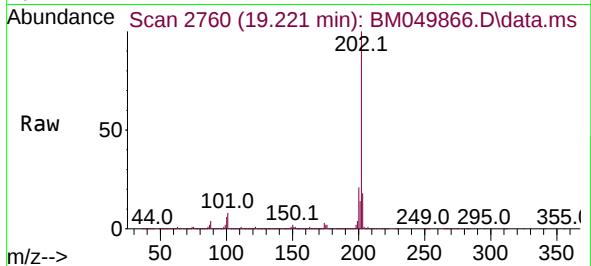




#75
Fluoranthene
Concen: 50.152 ng
RT: 19.221 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

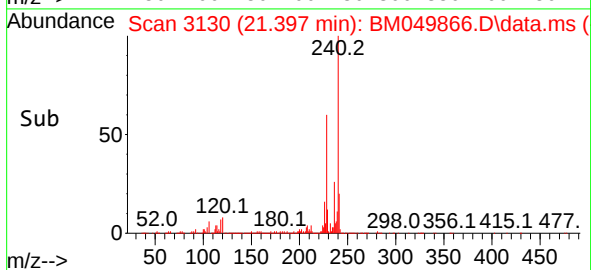
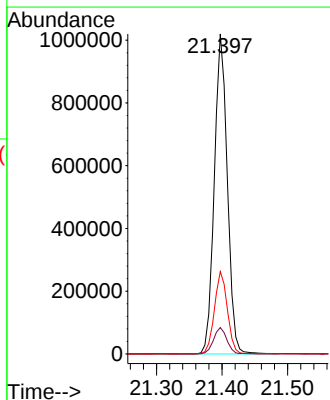
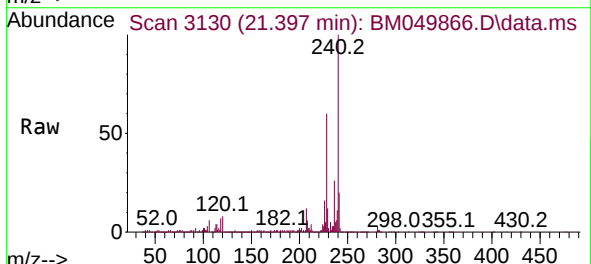
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

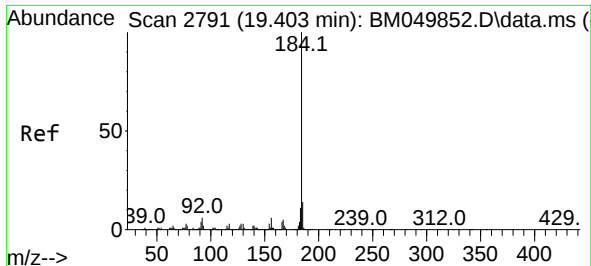
Tgt Ion:202 Resp: 4538028
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.4
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:240 Resp: 1401873
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.7 20.4 30.6

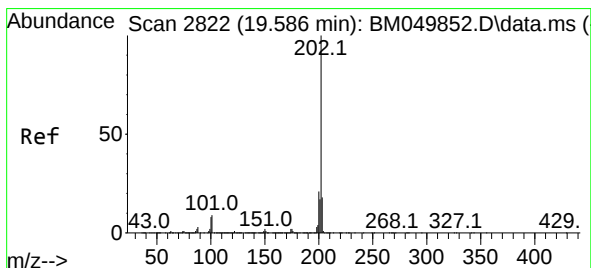
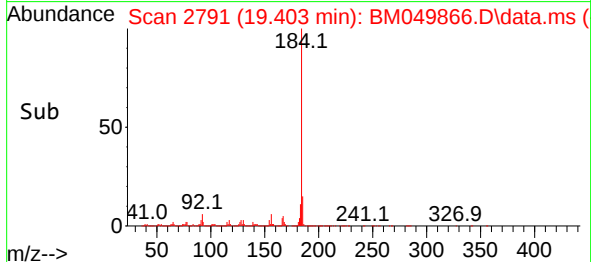
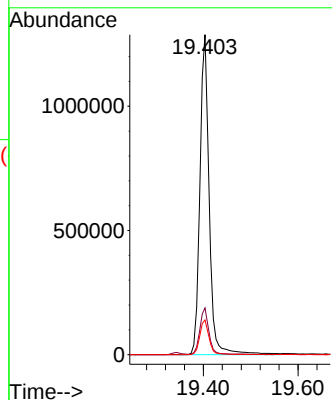
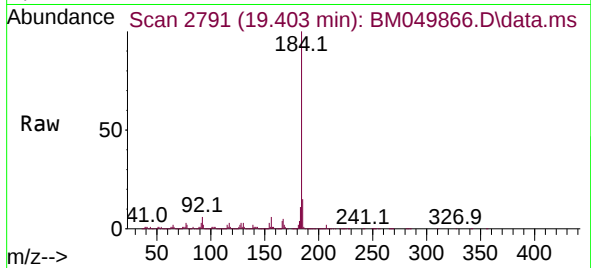




#77
Benzidine
Concen: 94.484 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

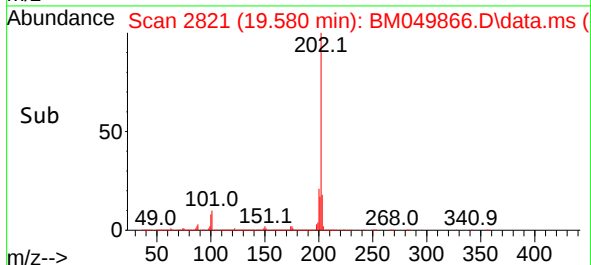
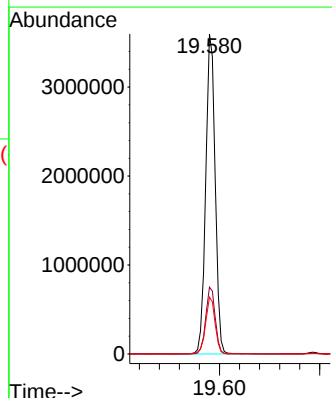
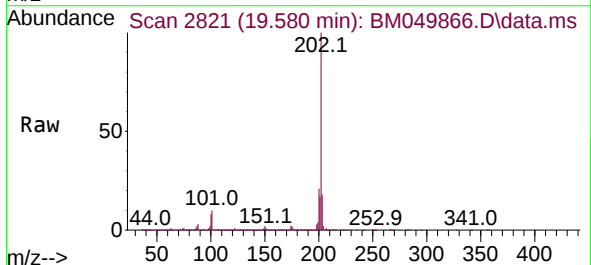
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

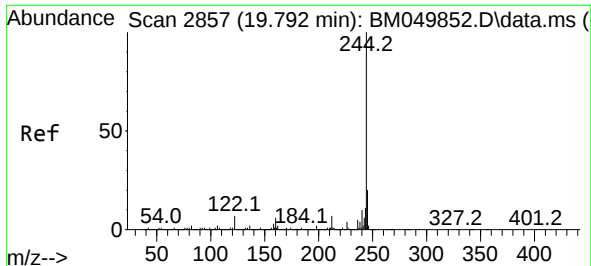
Tgt Ion:184 Resp: 1757189
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 10.9 8.8 13.2



#78
Pyrene
Concen: 48.725 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:202 Resp: 4707504
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 17.7 14.0 21.0

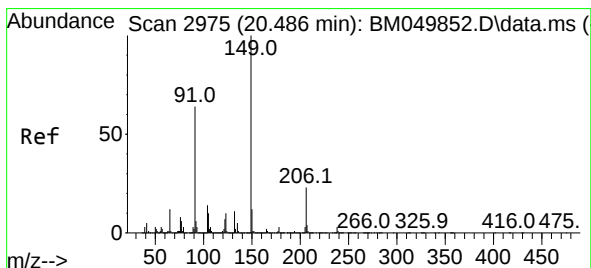
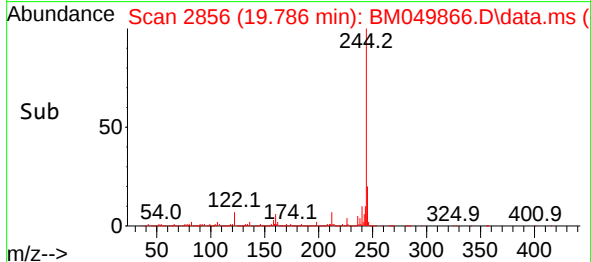
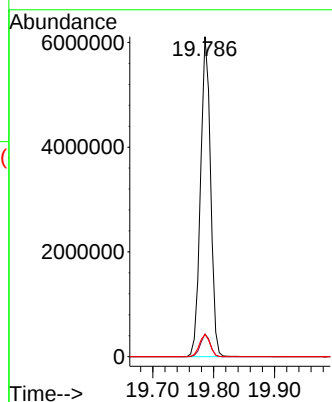
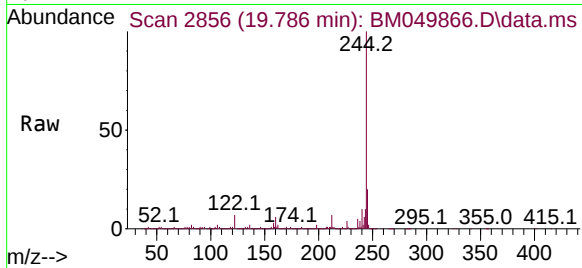




#79
 Terphenyl-d14
 Concen: 93.314 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049866.D
 Acq: 09 Apr 2025 13:47

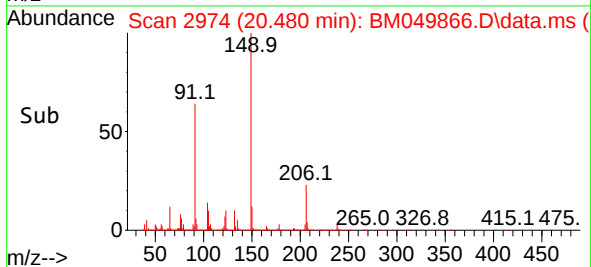
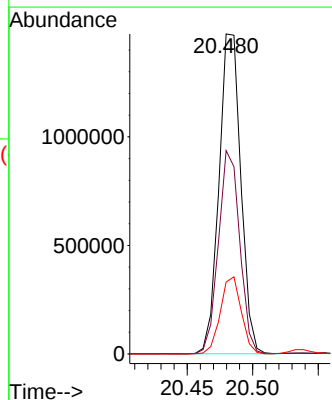
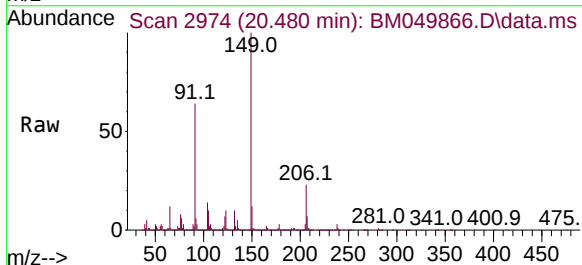
Instrument :
 BNA_M
 ClientSampleId :
 B-158-SB01MSD

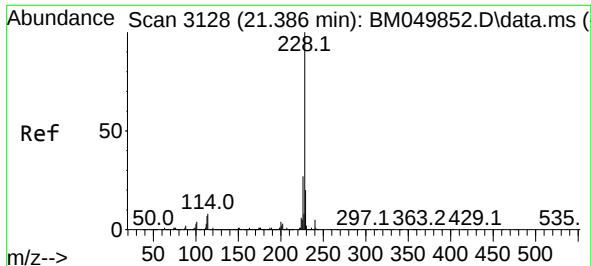
Tgt Ion:244 Resp: 6980310
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 7.0 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 46.964 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049866.D
 Acq: 09 Apr 2025 13:47

Tgt Ion:149 Resp: 1704963
 Ion Ratio Lower Upper
 149 100
 91 63.5 50.9 76.3
 206 22.5 18.4 27.6

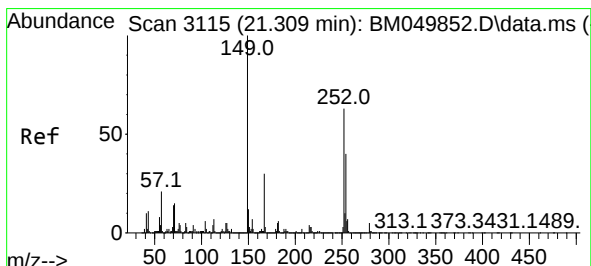
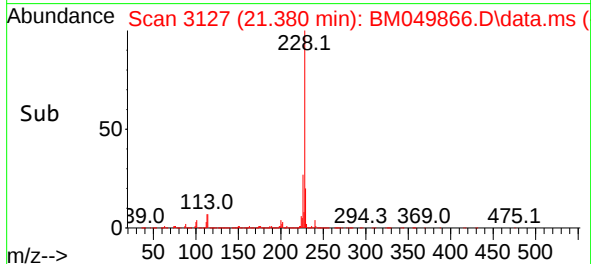
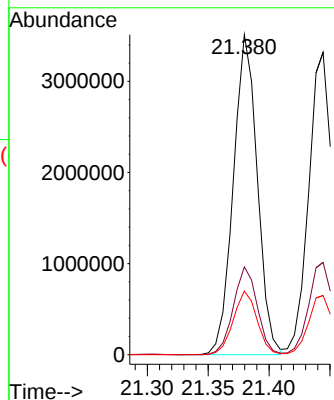
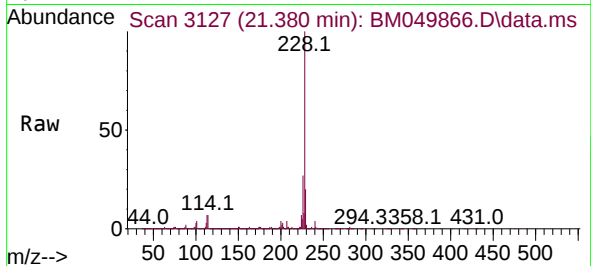




#81
Benzo(a)anthracene
Concen: 51.432 ng
RT: 21.380 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

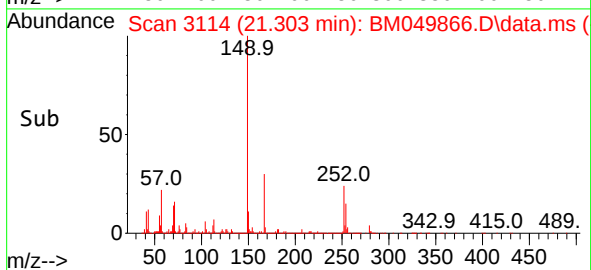
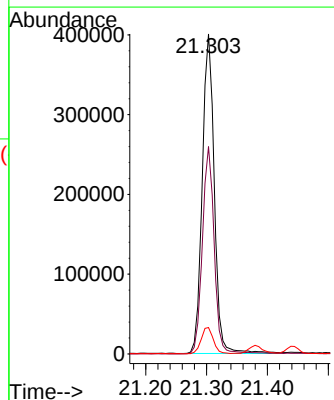
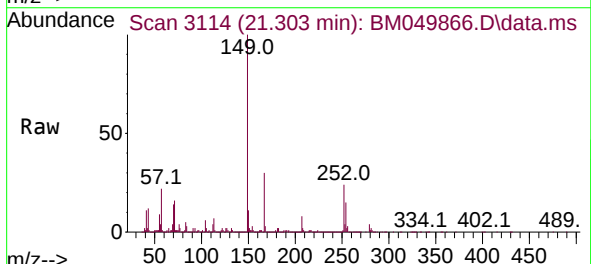
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

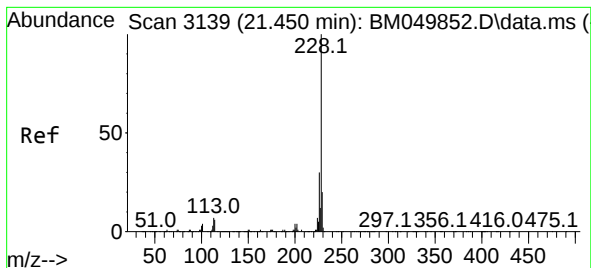
Tgt Ion:228 Resp: 4791802
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 15.585 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:252 Resp: 548354
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 8.2 6.3 9.5





#83

Chrysene

Concen: 51.834 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

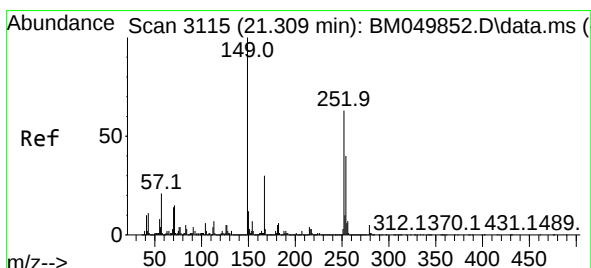
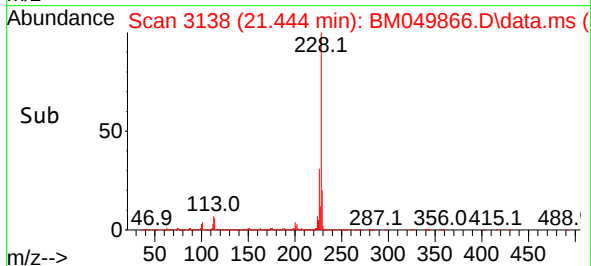
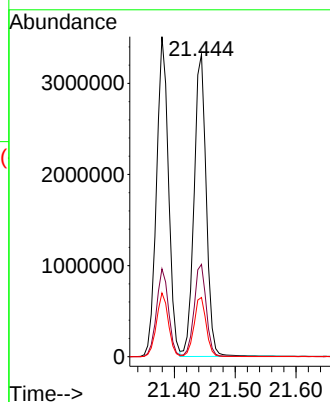
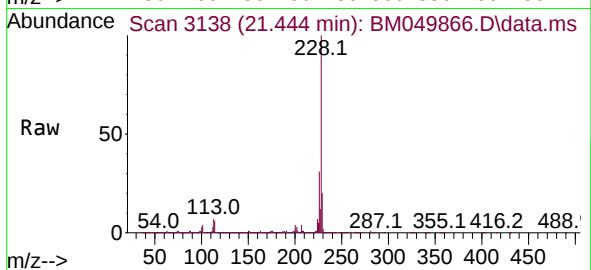
Tgt Ion:228 Resp: 4591192

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.598 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

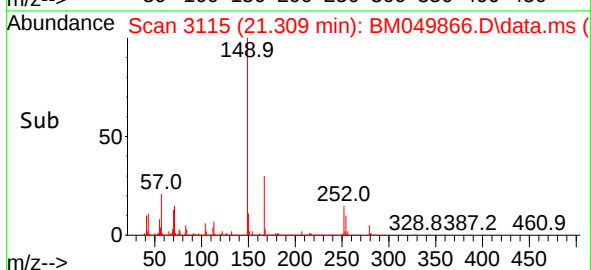
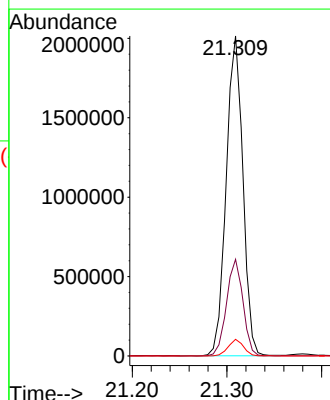
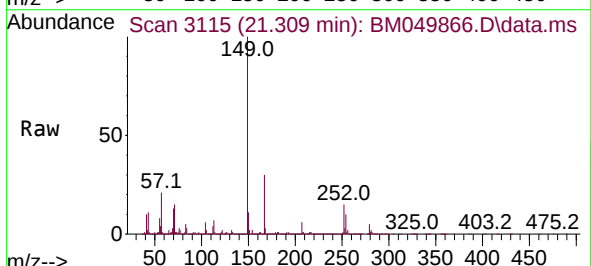
Tgt Ion:149 Resp: 2464666

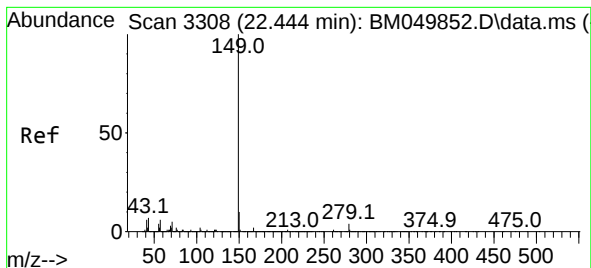
Ion Ratio Lower Upper

149 100

167 30.2 23.8 35.6

279 5.2 3.8 5.8

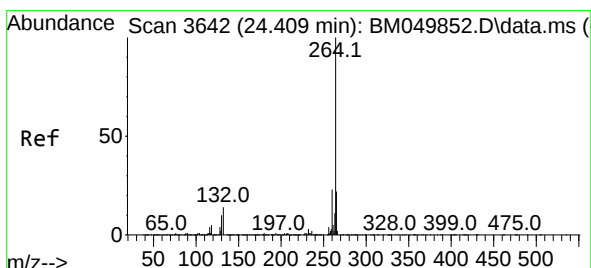
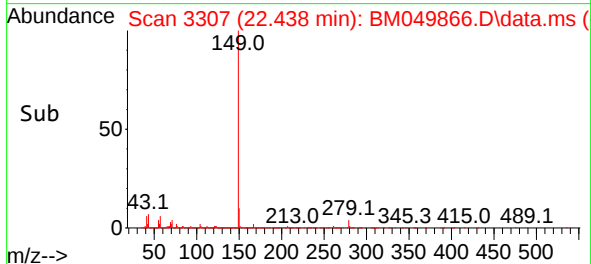
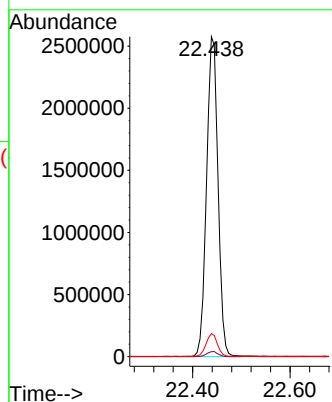
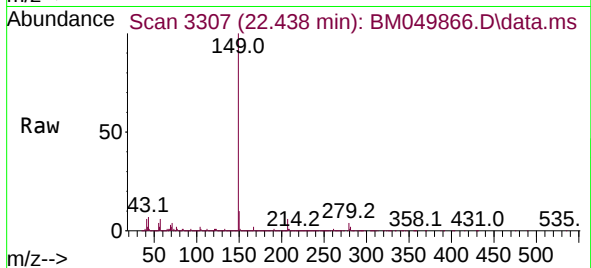




#85
Di-n-octyl phthalate
Concen: 45.193 ng
RT: 22.438 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

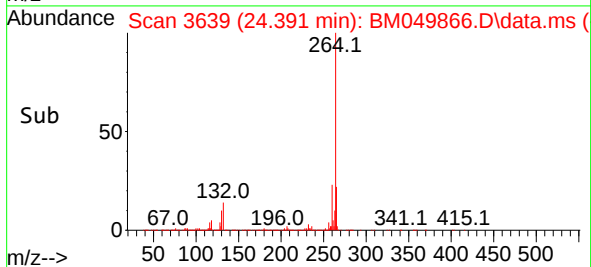
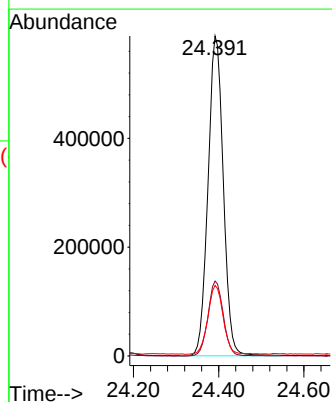
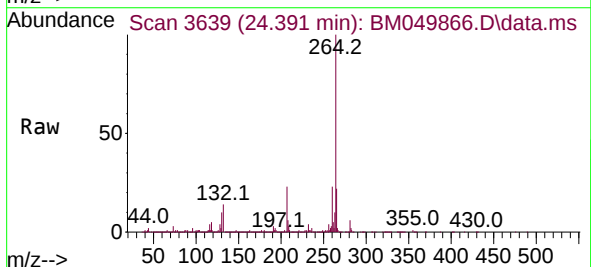
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

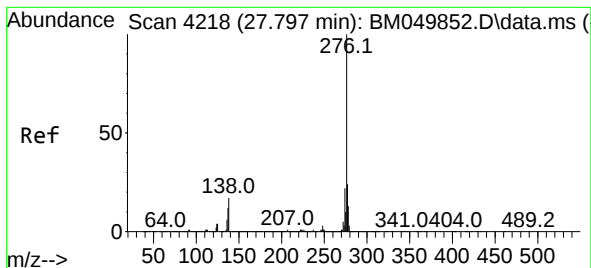
Tgt Ion:149 Resp: 4181805
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:264 Resp: 1461448
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.330 ng

RT: 27.779 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

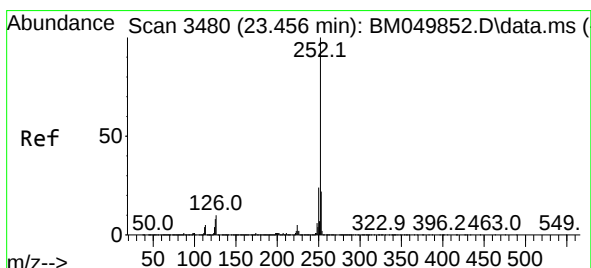
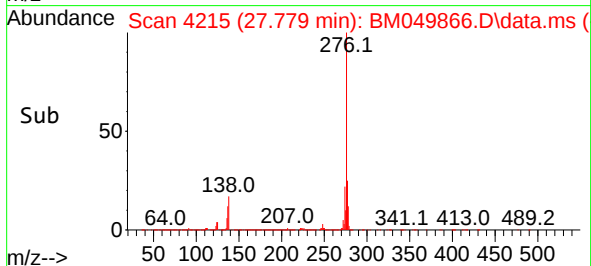
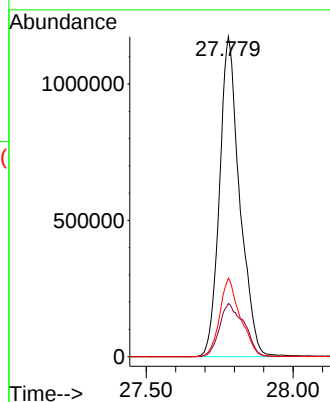
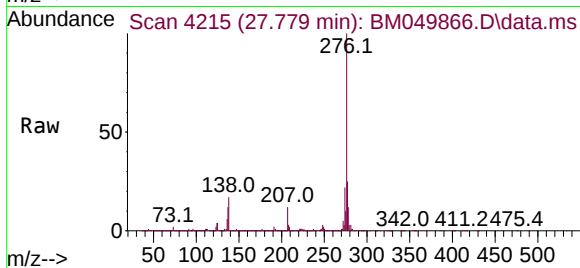
Tgt Ion:276 Resp: 5591757

Ion Ratio Lower Upper

276 100

138 20.3 16.8 25.2

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.512 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

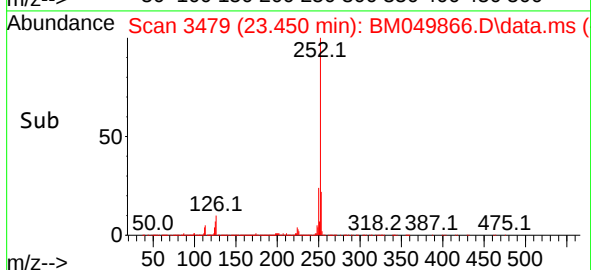
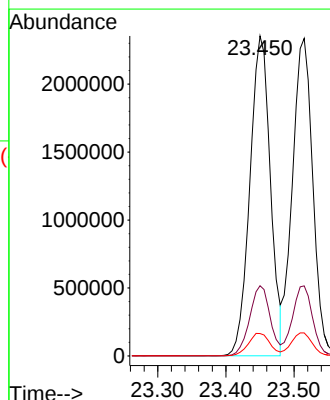
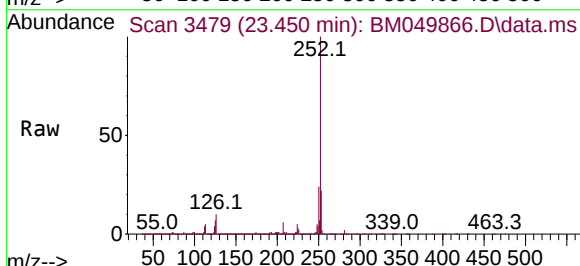
Tgt Ion:252 Resp: 4901336

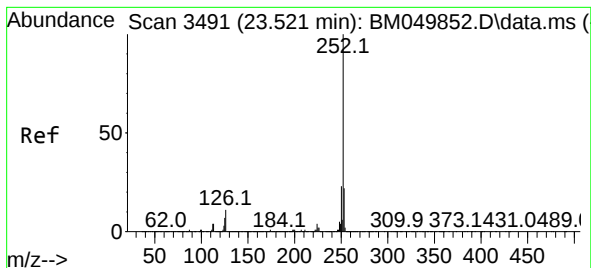
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.0 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 53.770 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.006 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MSD

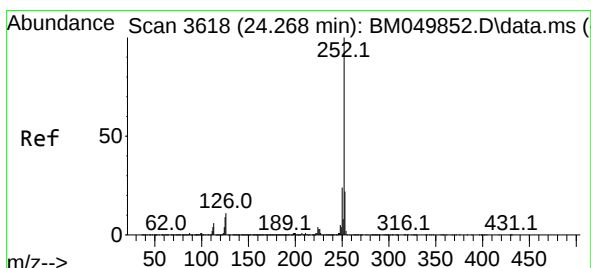
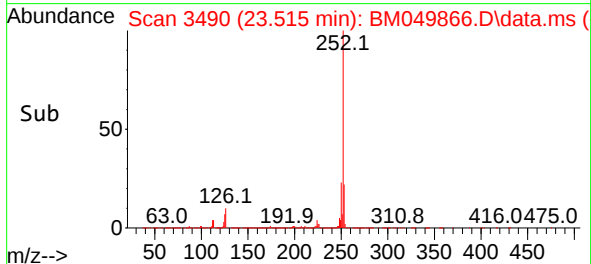
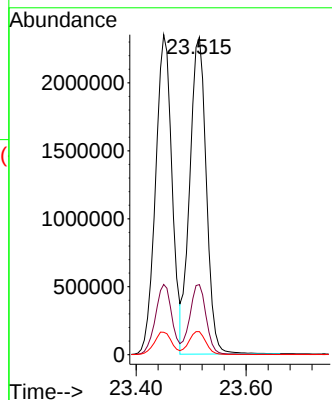
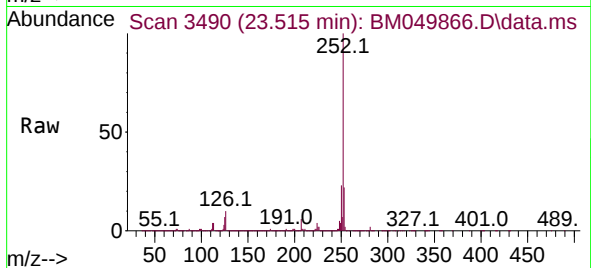
Tgt Ion:252 Resp: 4863511

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 7.3 5.8 8.8



#90

Benzo(a)pyrene

Concen: 53.910 ng

RT: 24.256 min Scan# 3616

Delta R.T. -0.012 min

Lab File: BM049866.D

Acq: 09 Apr 2025 13:47

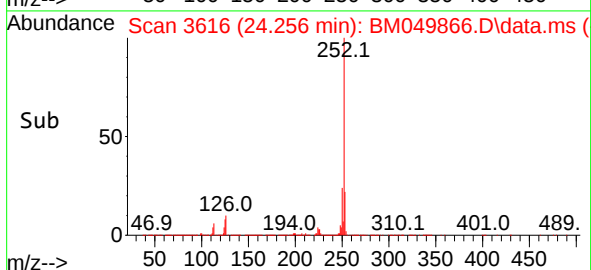
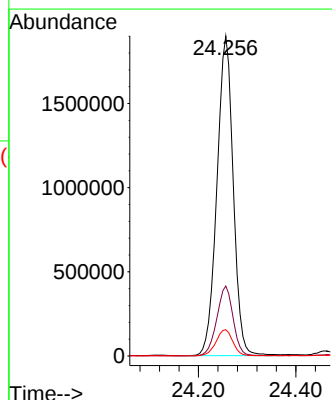
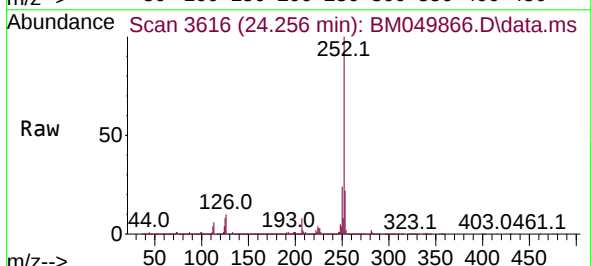
Tgt Ion:252 Resp: 4421640

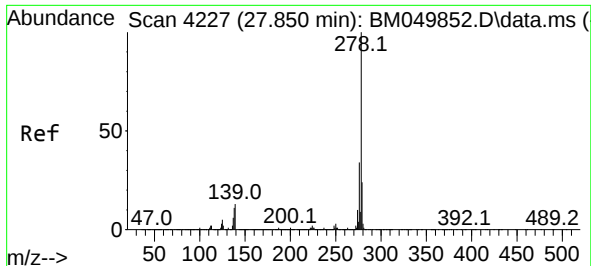
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 8.2 7.0 10.4

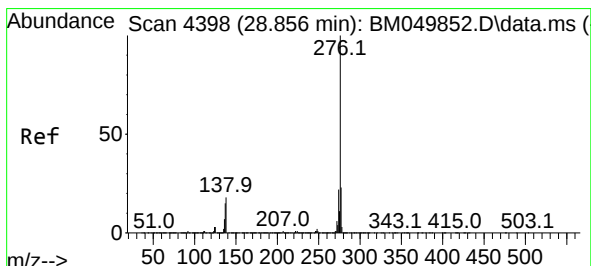
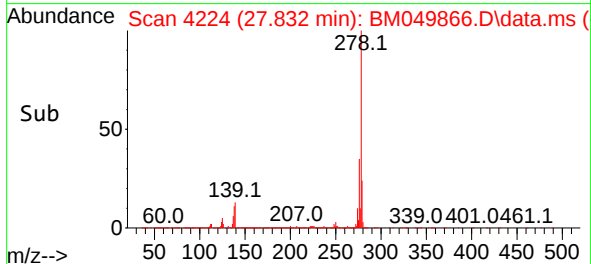
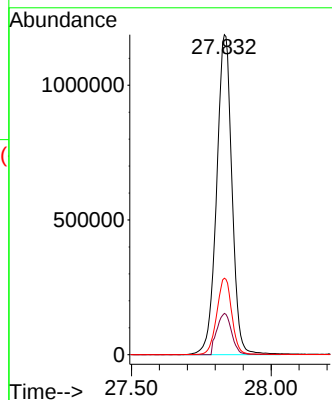
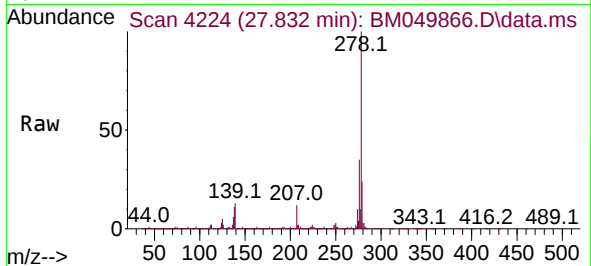




#91
Dibenzo(a,h)anthracene
Concen: 50.463 ng
RT: 27.832 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

Tgt Ion:278 Resp: 4528137
Ion Ratio Lower Upper
278 100
139 12.9 10.6 15.8
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 48.240 ng
RT: 28.838 min Scan# 4395
Delta R.T. -0.018 min
Lab File: BM049866.D
Acq: 09 Apr 2025 13:47

Tgt Ion:276 Resp: 4423237
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 17.5 14.6 21.8

