

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049862.D
 Acq On : 09 Apr 2025 11:06
 Operator : RC/JU
 Sample : PB167521BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167521BSD

Quant Time: Apr 10 01:11:38 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	335066	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1150025	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	735598	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1446565	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1438522	20.000	ng	0.00
86) Perylene-d12	24.391	264	1424302	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2462350	124.789	ng	0.00
7) Phenol-d6	6.951	99	3004228	122.370	ng	0.00
23) Nitrobenzene-d5	8.933	82	1745095	84.499	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1453370	135.835	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4580069	84.430	ng	0.00
79) Terphenyl-d14	19.786	244	7567987	98.593	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	289952	35.680	ng	99
3) Pyridine	3.657	79	810865	37.978	ng	98
4) n-Nitrosodimethylamine	3.563	42	341143	41.985	ng	96
6) Aniline	7.104	93	910625	43.288	ng	99
8) 2-Chlorophenol	7.345	128	896976	44.357	ng	99
9) Benzaldehyde	6.916	77	471360	37.414	ng	97
10) Phenol	6.981	94	1070288	44.674	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	824742	43.899	ng	98
12) 1,3-Dichlorobenzene	7.669	146	1045388	43.726	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1050000	43.648	ng	99
14) 1,2-Dichlorobenzene	8.128	146	1011408	44.638	ng	100
15) Benzyl Alcohol	8.016	79	696410	45.047	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	951860	45.456	ng	99
17) 2-Methylphenol	8.222	107	687637	46.576	ng	98
18) Hexachloroethane	8.857	117	363531	43.436	ng	97
19) n-Nitroso-di-n-propyla...	8.586	70	599988	44.125	ng	100
20) 3+4-Methylphenols	8.551	107	919992	45.707	ng	98
22) Acetophenone	8.598	105	1211222	43.337	ng	# 98
24) Nitrobenzene	8.975	77	866706	43.583	ng	99
25) Isophorone	9.504	82	1614808	46.675	ng	98
26) 2-Nitrophenol	9.686	139	457262	43.383	ng	99
27) 2,4-Dimethylphenol	9.751	122	763120	63.887	ng	98
28) bis(2-Chloroethoxy)met...	9.980	93	1026510	44.319	ng	99
29) 2,4-Dichlorophenol	10.222	162	879670	44.304	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	1007214	43.849	ng	100
31) Naphthalene	10.622	128	2487681	42.098	ng	99
32) Benzoic acid	9.886	122	500509	36.330	ng	99
33) 4-Chloroaniline	10.727	127	532920	25.540	ng	97
34) Hexachlorobutadiene	10.910	225	629806	44.327	ng	98
35) Caprolactam	11.510	113	240290	42.195	ng	93
36) 4-Chloro-3-methylphenol	11.863	107	759543	43.671	ng	99
37) 2-Methylnaphthalene	12.233	142	1628063	39.104	ng	99
38) 1-Methylnaphthalene	12.457	142	1708396	42.118	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1141788	44.368	ng	99
41) Hexachlorocyclopentadiene	12.592	237	1686714	187.047	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	727525	44.427	ng	99

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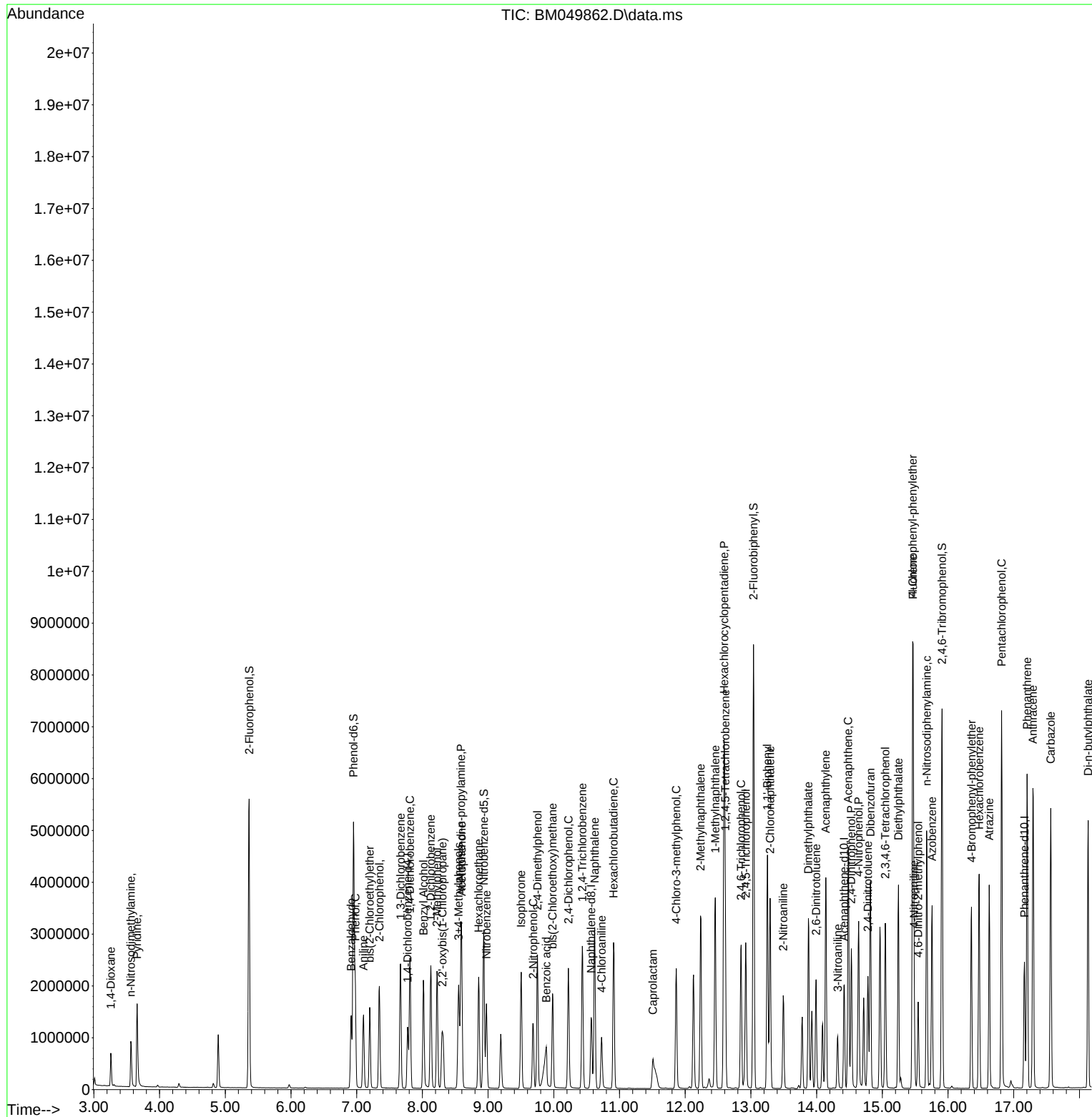
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	801550	45.042	ng	98
46) 1,1'-Biphenyl	13.251	154	2358457	43.130	ng	100
47) 2-Chloronaphthalene	13.292	162	1874993	43.626	ng	99
48) 2-Nitroaniline	13.492	65	456388	45.900	ng	98
49) Acenaphthylene	14.139	152	2942784	47.005	ng	100
50) Dimethylphthalate	13.874	163	2272895	43.798	ng	99
51) 2,6-Dinitrotoluene	13.992	165	493805	45.417	ng	99
52) Acenaphthene	14.480	154	1709875	42.938	ng	99
53) 3-Nitroaniline	14.321	138	278294	26.483	ng	98
54) 2,4-Dinitrophenol	14.527	184	670209	84.656	ng	97
55) Dibenzofuran	14.821	168	2780257	41.763	ng	98
56) 4-Nitrophenol	14.639	139	932568	99.585	ng	100
57) 2,4-Dinitrotoluene	14.780	165	697060	48.056	ng	98
58) Fluorene	15.468	166	2353879	44.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	682132	43.733	ng	99
60) Diethylphthalate	15.245	149	2135751	42.915	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	1268642	44.717	ng	99
62) 4-Nitroaniline	15.486	138	485055	44.634	ng	99
63) Azobenzene	15.757	77	1821372	42.747	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	414097	45.427	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1981248	45.767	ng	100
67) 4-Bromophenyl-phenylether	16.356	248	754789	44.947	ng	96
68) Hexachlorobenzene	16.474	284	878488	45.607	ng	99
69) Atrazine	16.627	200	740849	66.004	ng	99
70) Pentachlorophenol	16.815	266	1304253	91.972	ng	100
71) Phenanthrene	17.203	178	3640568	45.905	ng	100
72) Anthracene	17.292	178	3723016	47.636	ng	100
73) Carbazole	17.562	167	3395893	46.132	ng	100
74) Di-n-butylphthalate	18.133	149	3742613	44.141	ng	100
75) Fluoranthene	19.221	202	4385651	44.976	ng	99
77) Benzidine	19.403	184	2008454	105.243	ng	100
78) Pyrene	19.580	202	4546344	45.858	ng	99
80) Butylbenzylphthalate	20.480	149	1651961	44.345	ng	99
81) Benzo(a)anthracene	21.380	228	4441714	46.460	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	934995	25.897	ng	100
83) Chrysene	21.444	228	4103005	45.142	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2393538	44.100	ng	99
85) Di-n-octyl phthalate	22.438	149	4015047	42.286	ng	100
87) Indeno(1,2,3-cd)pyrene	27.773	276	4976589	46.874	ng	99
88) Benzo(b)fluoranthene	23.450	252	4090414	44.967	ng	99
89) Benzo(k)fluoranthene	23.515	252	4161896	47.213	ng	99
90) Benzo(a)pyrene	24.256	252	3924916	49.102	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4042770	46.229	ng	99
92) Benzo(g,h,i)perylene	28.832	276	3959871	44.312	ng	99

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

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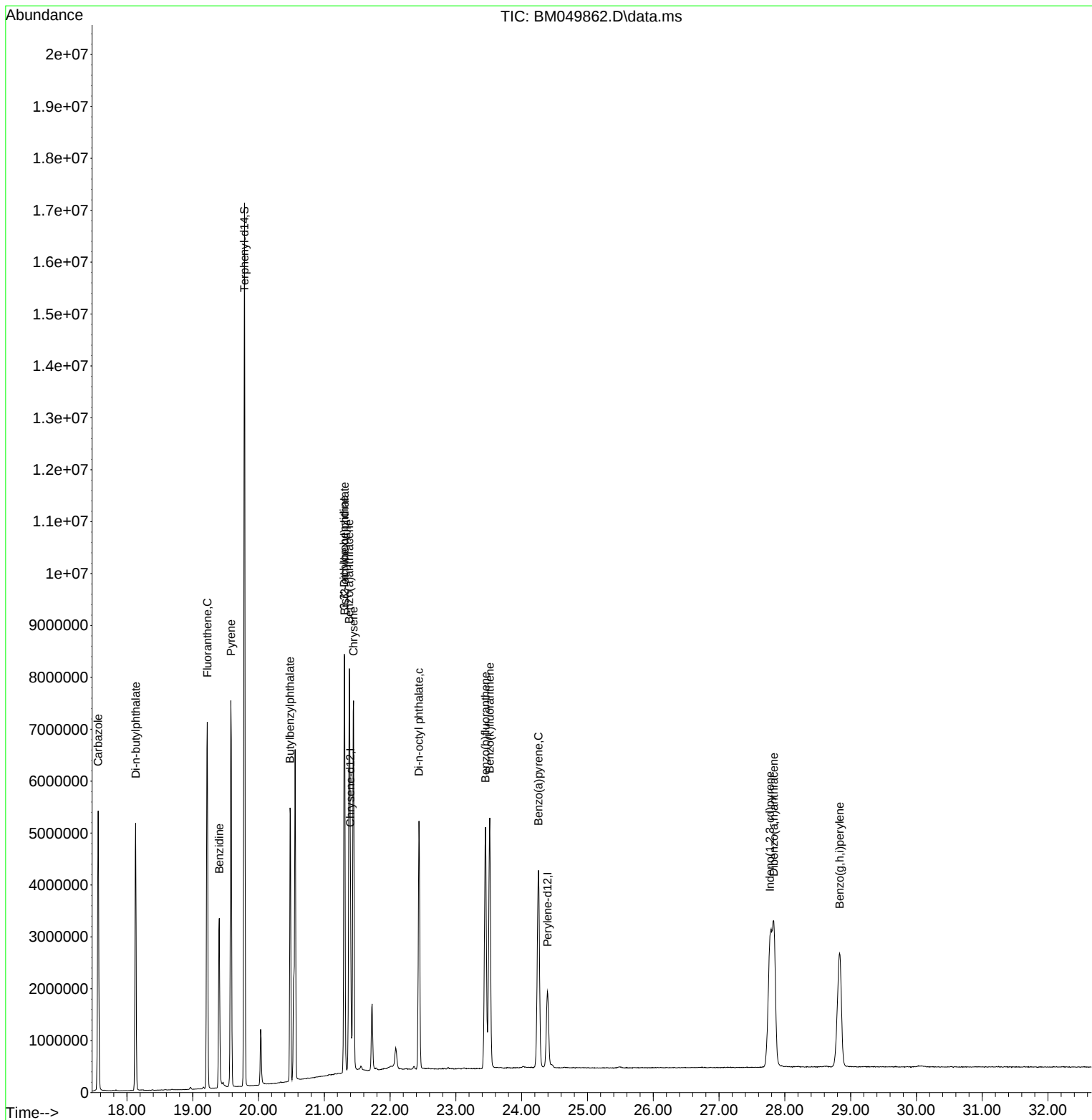
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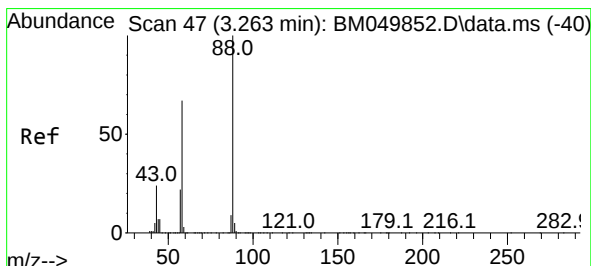
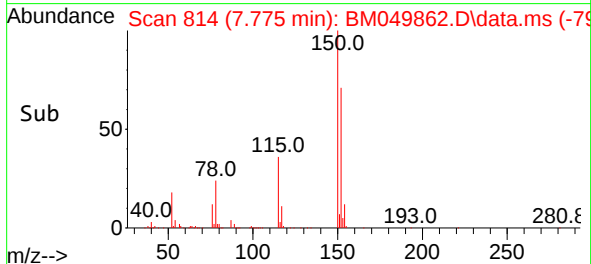
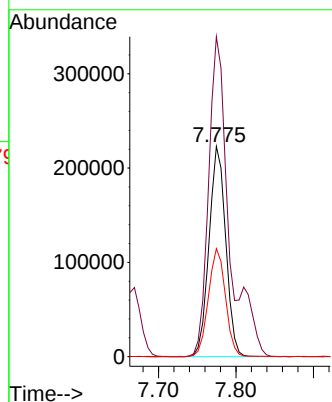
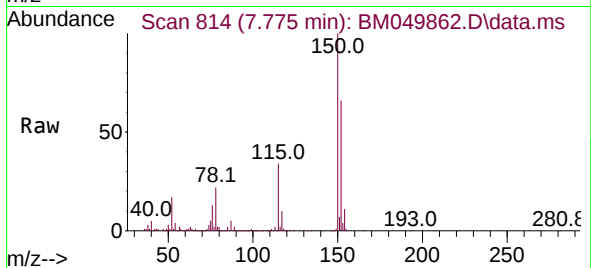




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049862.D
 Acq: 09 Apr 2025 11:06

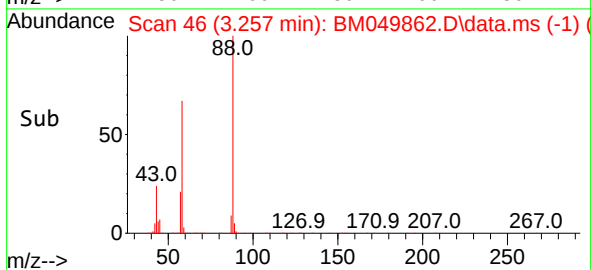
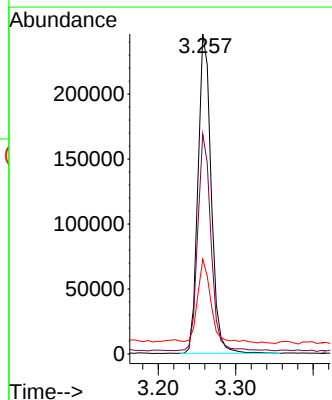
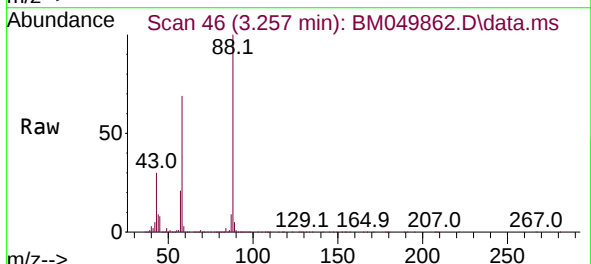
Instrument :
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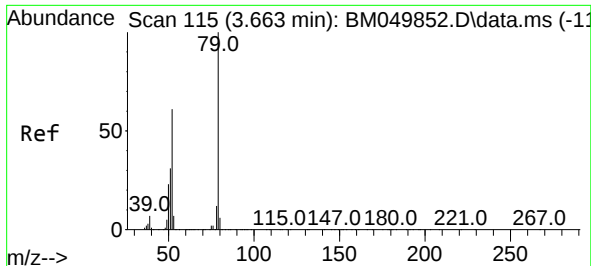
Tgt Ion:152 Resp: 335066
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.3 186.5
 115 51.4 41.1 61.7



#2
 1,4-Dioxane
 Concen: 35.680 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049862.D
 Acq: 09 Apr 2025 11:06

Tgt Ion: 88 Resp: 289952
 Ion Ratio Lower Upper
 88 100
 58 68.2 54.1 81.1
 43 26.4 20.2 30.4





#3

Pyridine

Concen: 37.978 ng

RT: 3.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

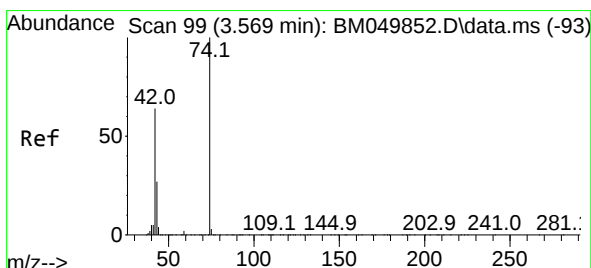
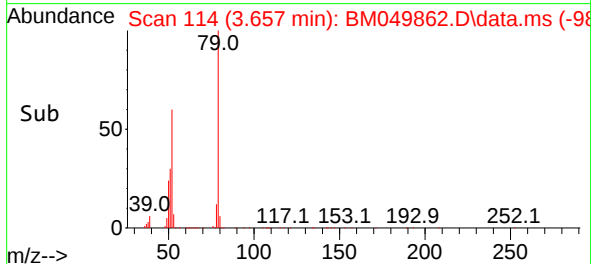
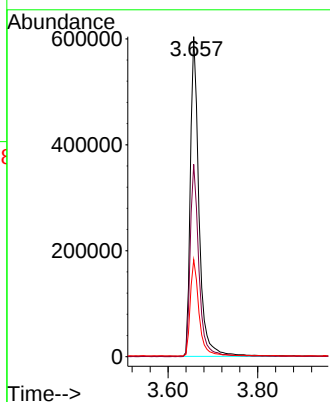
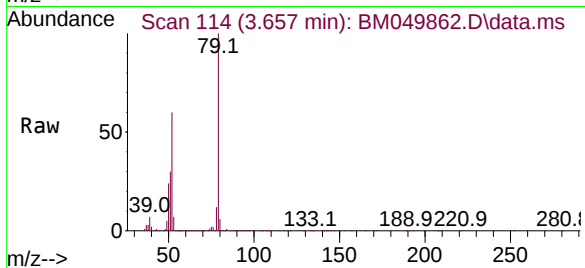
Tgt Ion: 79 Resp: 810865

Ion Ratio Lower Upper

79 100

52 60.1 48.9 73.3

51 30.3 25.0 37.6



#4

n-Nitrosodimethylamine

Concen: 41.985 ng

RT: 3.563 min Scan# 98

Delta R.T. -0.006 min

Lab File: BM049862.D

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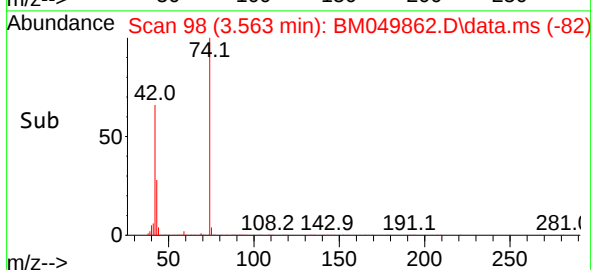
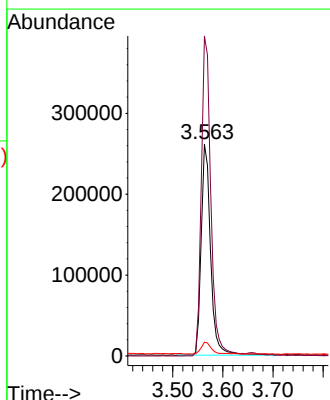
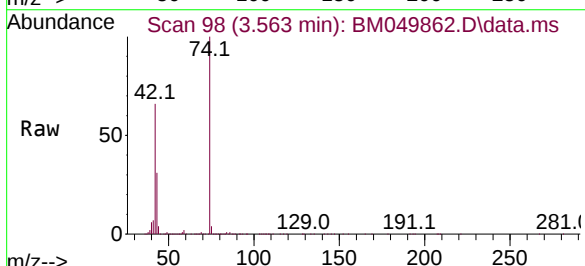
Tgt Ion: 42 Resp: 341143

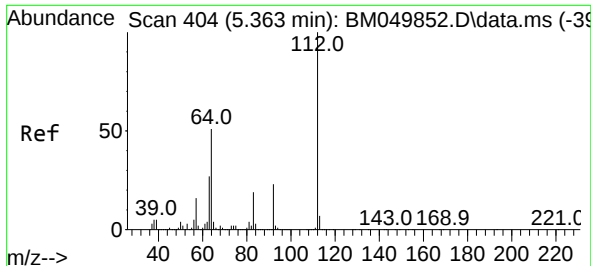
Ion Ratio Lower Upper

42 100

74 151.1 125.4 188.2

44 6.5 5.9 8.9

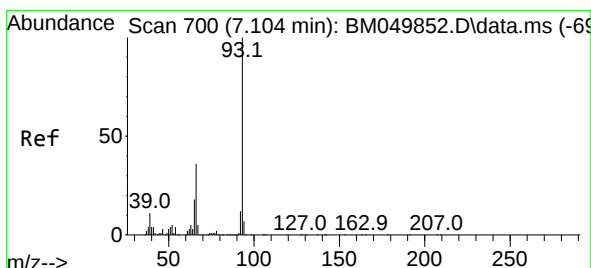
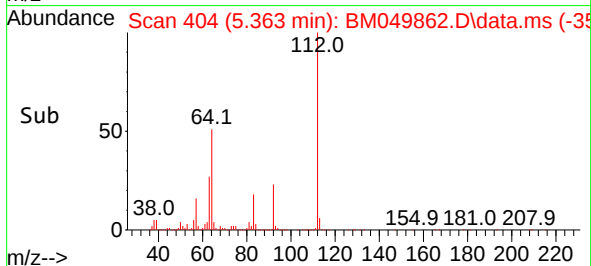
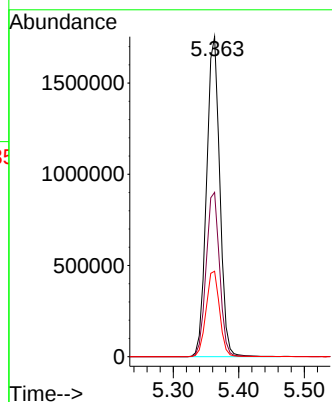
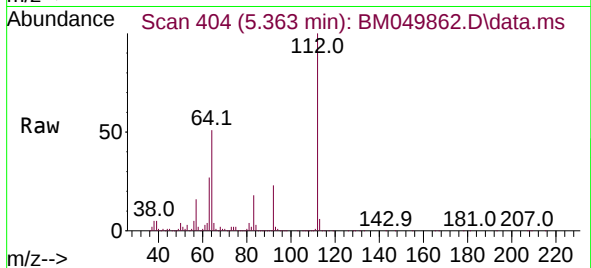




#5
2-Fluorophenol
Concen: 124.789 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
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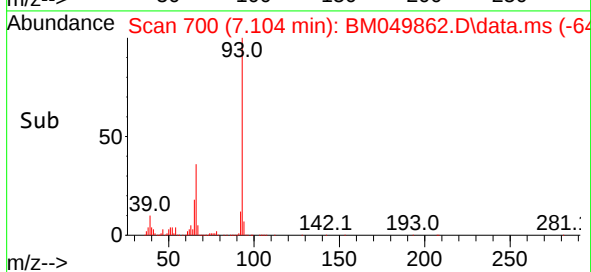
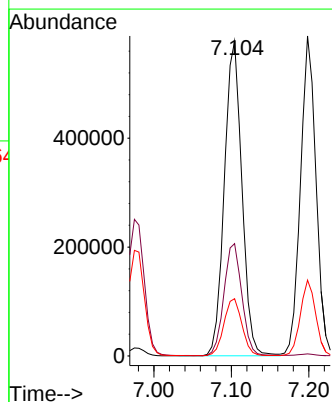
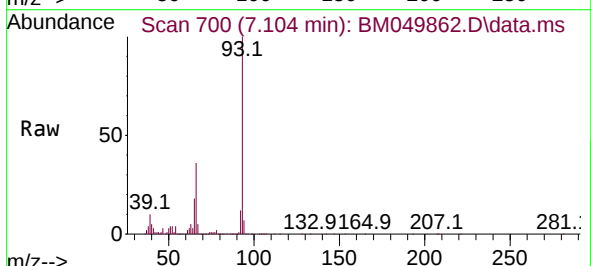
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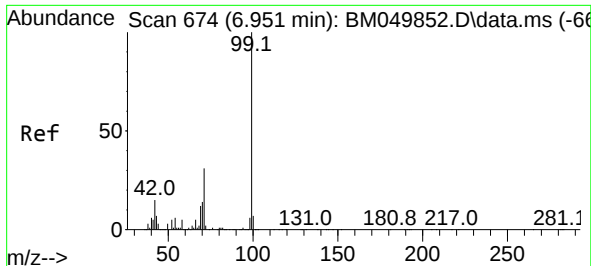
Tgt Ion:112 Resp: 2462350
Ion Ratio Lower Upper
112 100
64 51.4 41.0 61.6
63 26.7 21.5 32.3



#6
Aniline
Concen: 43.288 ng
RT: 7.104 min Scan# 700
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion: 93 Resp: 910625
Ion Ratio Lower Upper
93 100
66 35.7 29.1 43.7
65 18.2 14.9 22.3

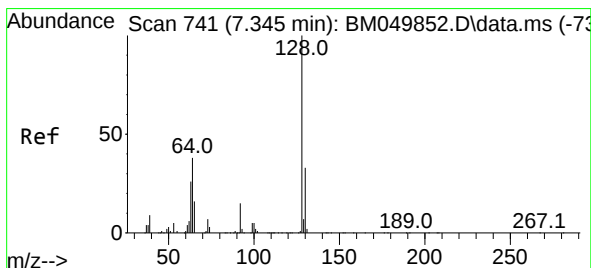
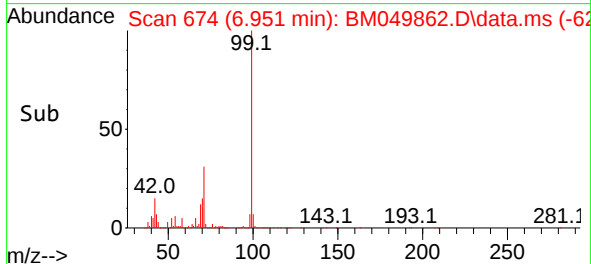
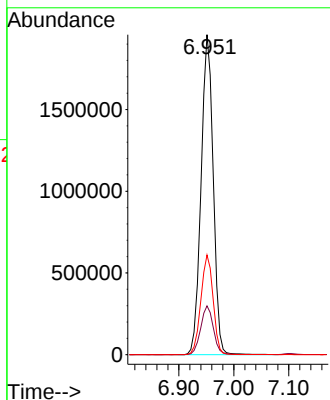
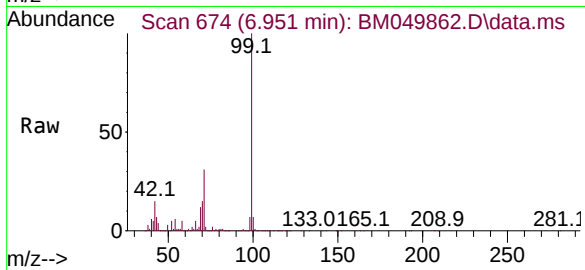




#7
Phenol-d6
Concen: 122.370 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049862.D
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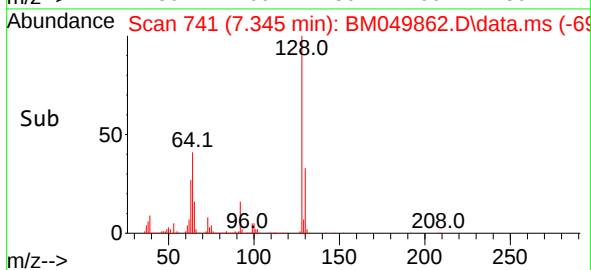
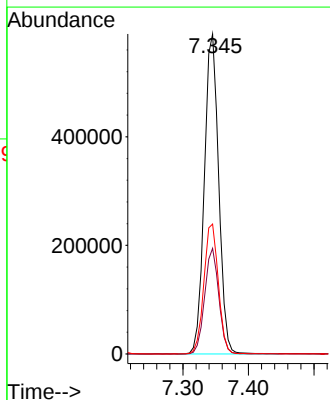
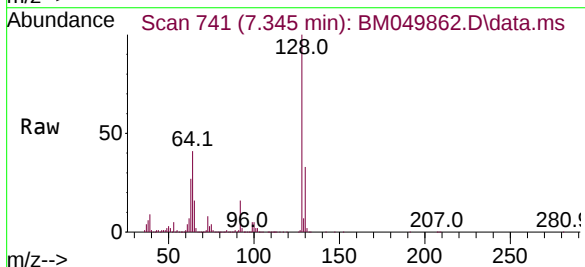
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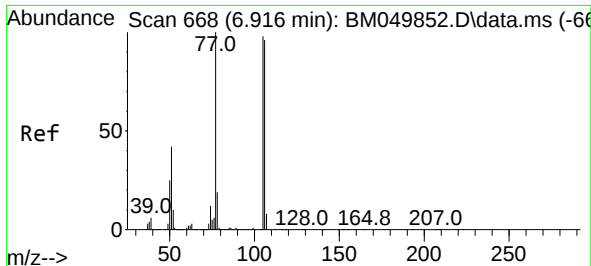
Tgt Ion: 99 Resp: 3004228
Ion Ratio Lower Upper
99 100
42 15.2 12.1 18.1
71 31.1 24.9 37.3



#8
2-Chlorophenol
Concen: 44.357 ng
RT: 7.345 min Scan# 741
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion: 128 Resp: 896976
Ion Ratio Lower Upper
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130 33.0 12.6 52.6
64 40.6 21.1 61.1

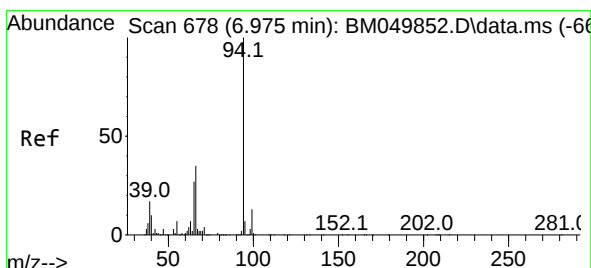
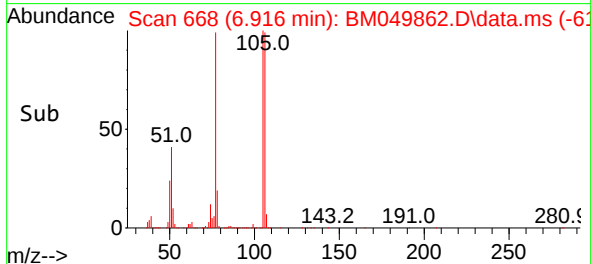
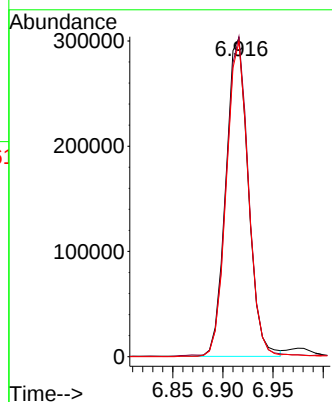
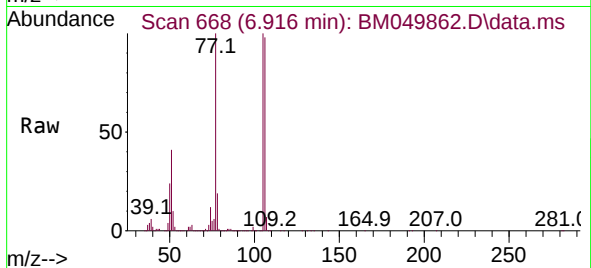




#9
Benzaldehyde
Concen: 37.414 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.000 min
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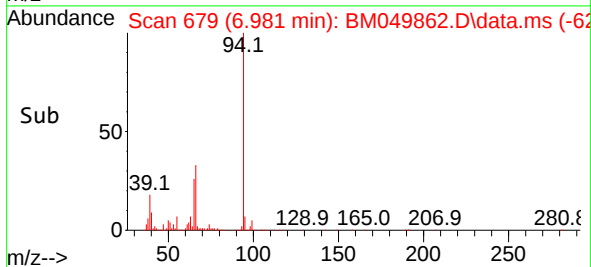
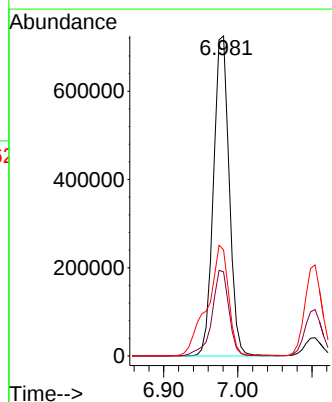
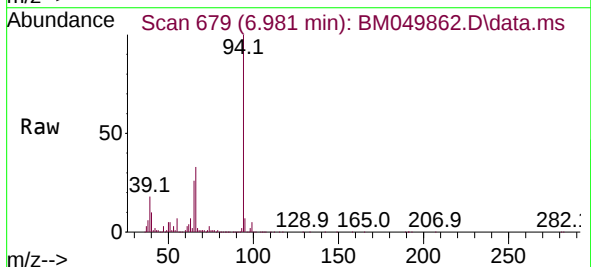
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ClientSampleId :
PB167521BSD

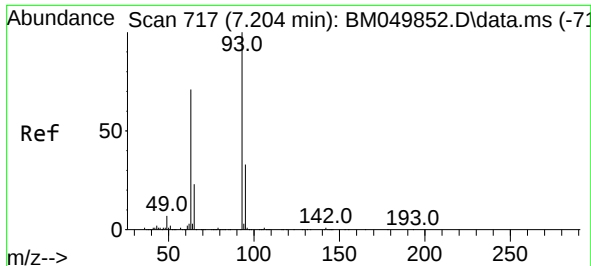
Tgt Ion: 77 Resp: 471360
Ion Ratio Lower Upper
77 100
105 100.5 78.3 118.3
106 98.9 76.0 116.0



#10
Phenol
Concen: 44.674 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion: 94 Resp: 1070288
Ion Ratio Lower Upper
94 100
65 26.3 7.3 47.3
66 33.2 14.8 54.8

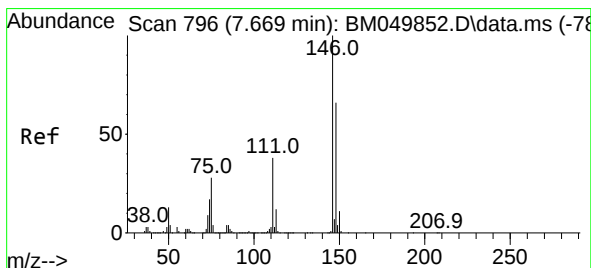
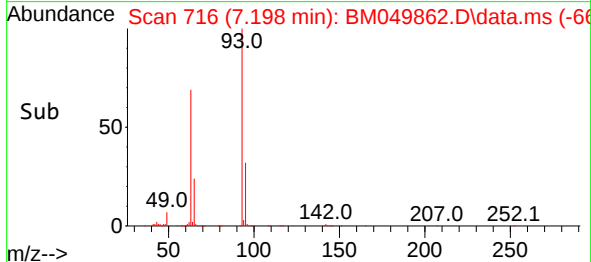
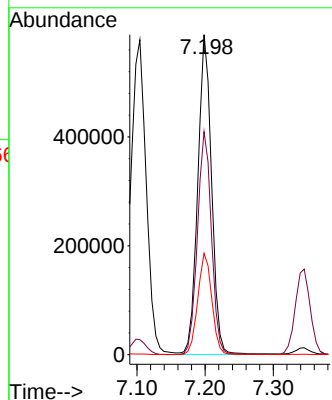
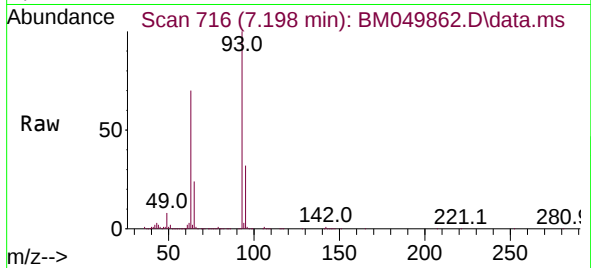




#11
bis(2-Chloroethyl)ether
Concen: 43.899 ng
RT: 7.198 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

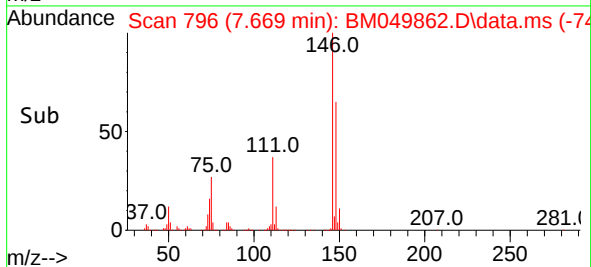
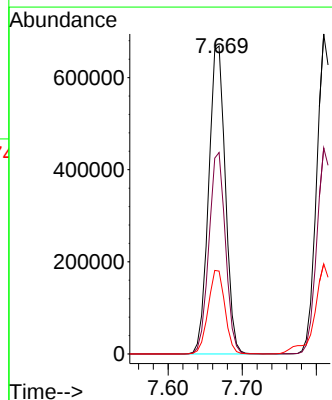
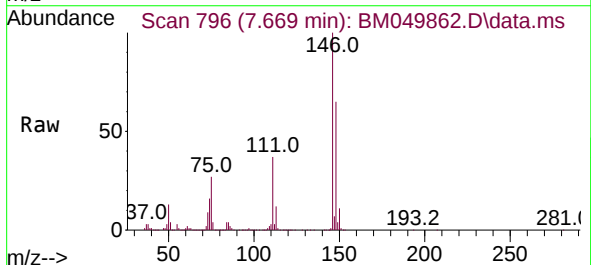
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

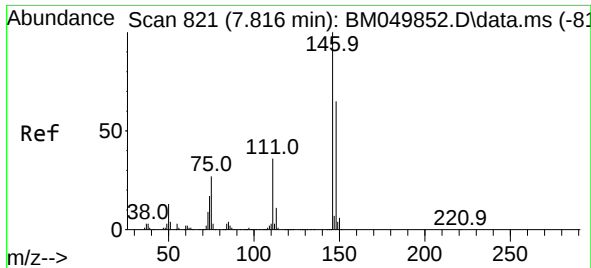
Tgt Ion: 93 Resp: 824742
Ion Ratio Lower Upper
93 100
63 69.7 50.9 90.9
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.726 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion: 146 Resp: 1045388
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
75 26.9 22.5 33.7

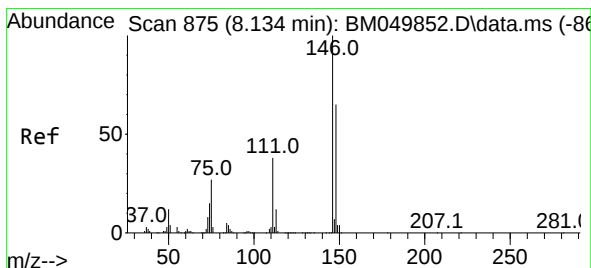
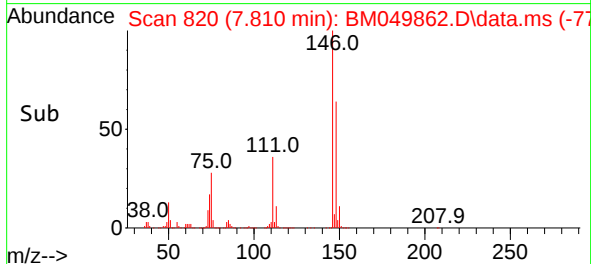
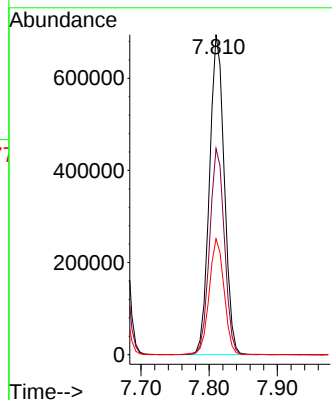
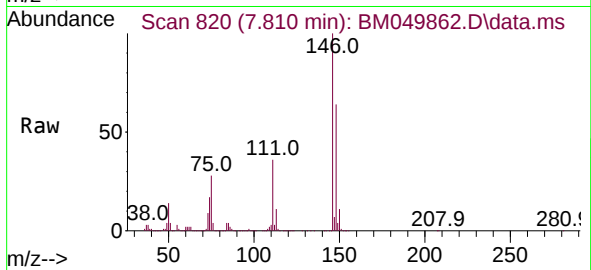




#13
1,4-Dichlorobenzene
Concen: 43.648 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

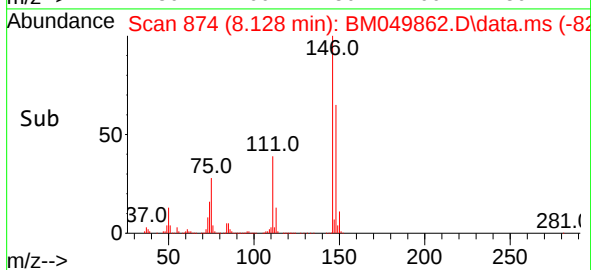
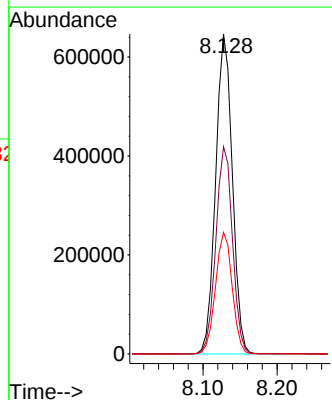
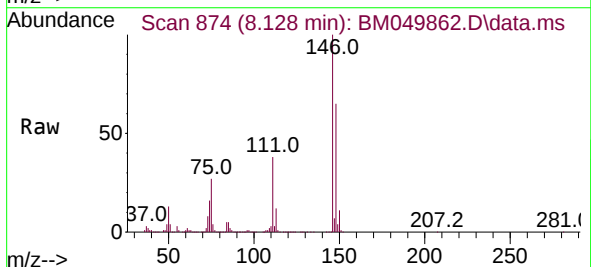
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

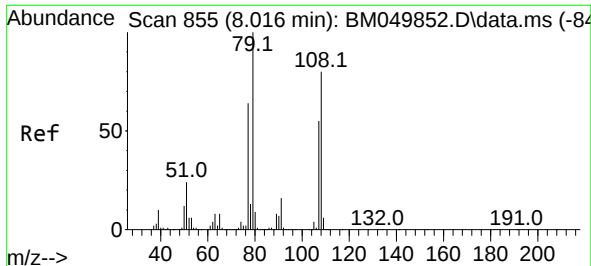
Tgt Ion:146 Resp: 1050000
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
111 36.2 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 44.638 ng
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:146 Resp: 1011408
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 38.0 30.2 45.4

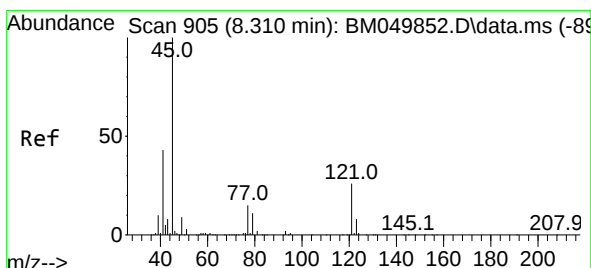
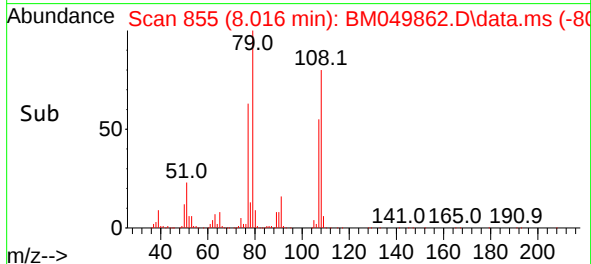
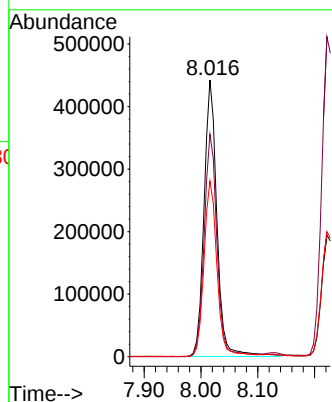
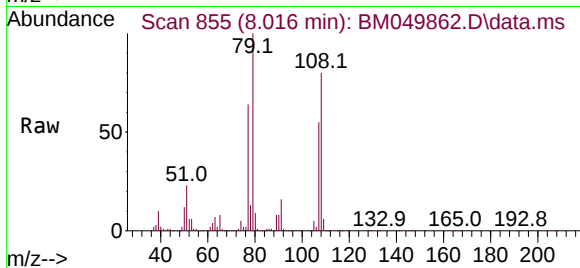




#15
Benzyl Alcohol
Concen: 45.047 ng
RT: 8.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

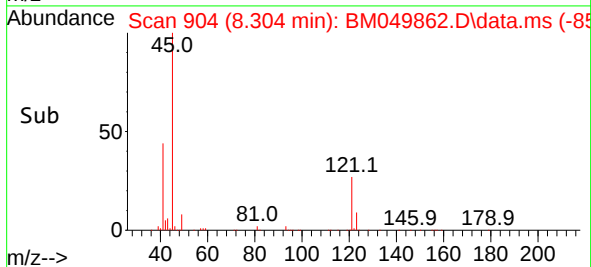
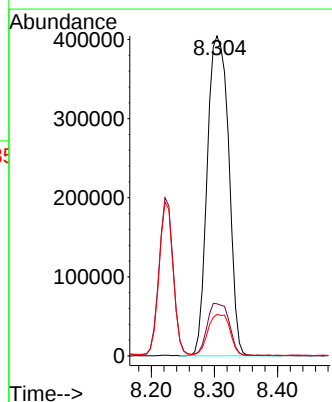
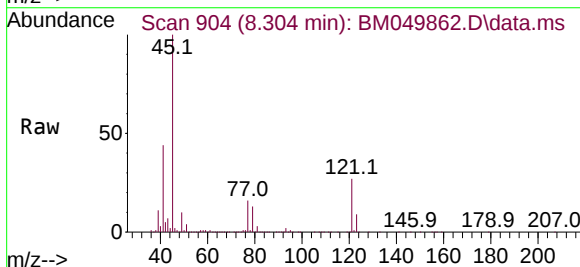
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

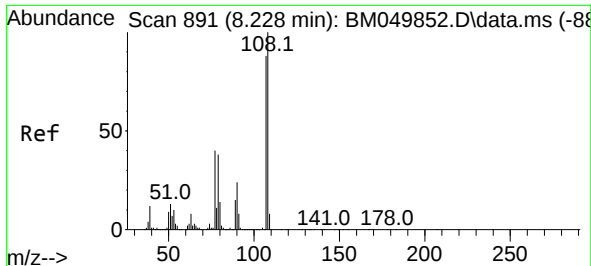
Tgt Ion: 79 Resp: 696410
Ion Ratio Lower Upper
79 100
108 80.4 63.6 95.4
77 63.5 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.456 ng
RT: 8.304 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion: 45 Resp: 951860
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.9
79 13.0 0.0 32.9

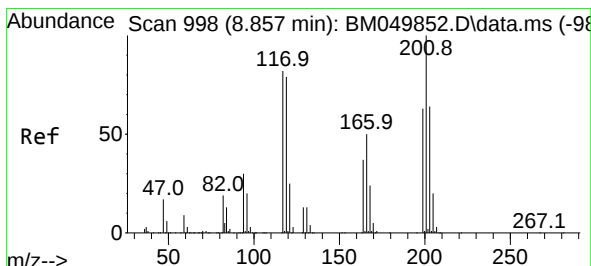
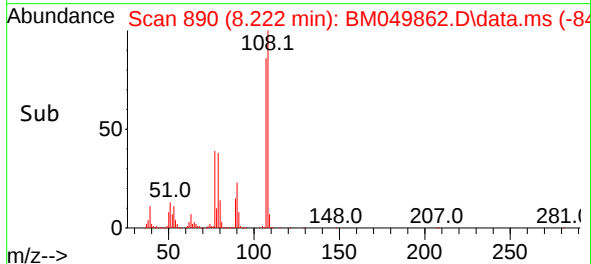
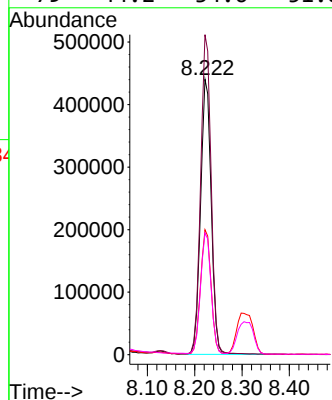
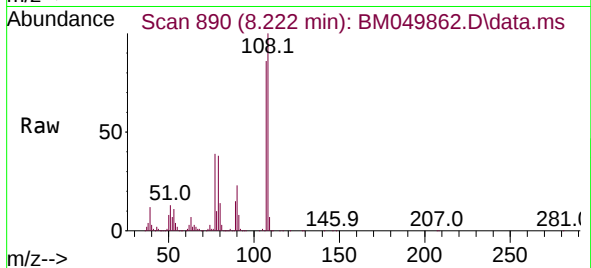




#17
2-Methylphenol
Concen: 46.576 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

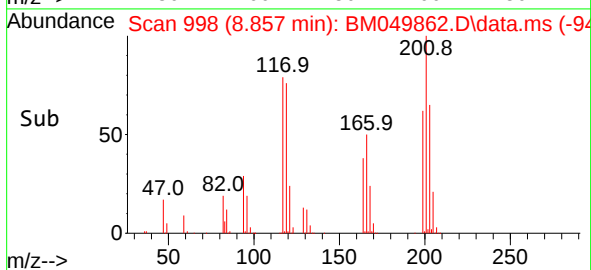
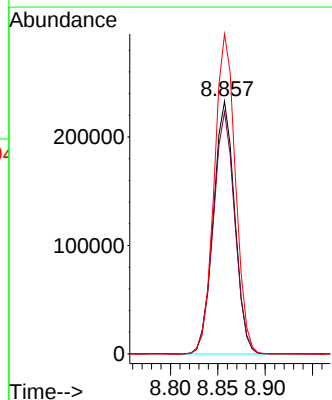
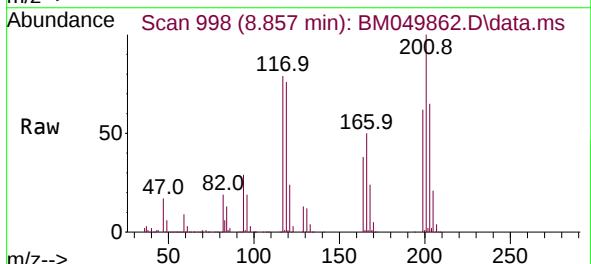
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

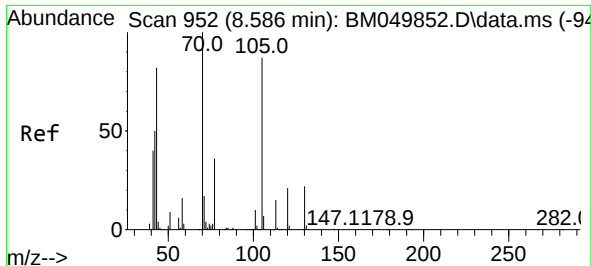
Tgt Ion:107 Resp: 687637
Ion Ratio Lower Upper
107 100
108 116.2 91.0 136.6
77 45.4 36.5 54.7
79 44.2 34.6 51.8



#18
Hexachloroethane
Concen: 43.436 ng
RT: 8.857 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:117 Resp: 363531
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
201 126.6 97.7 146.5



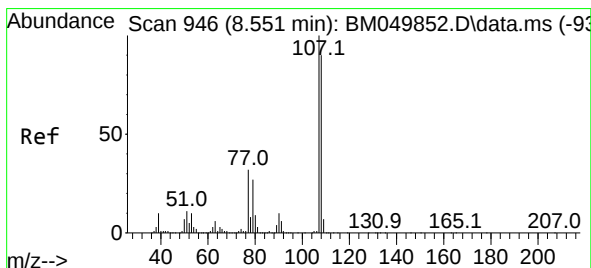
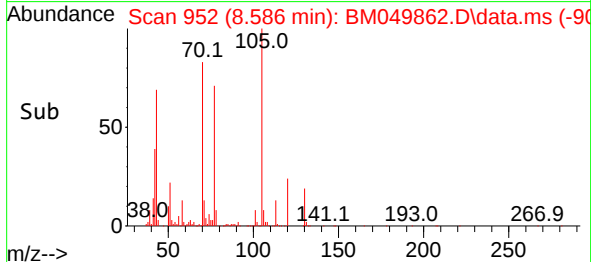
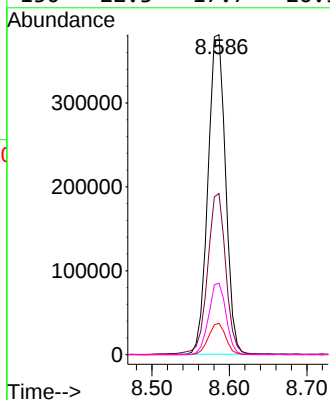
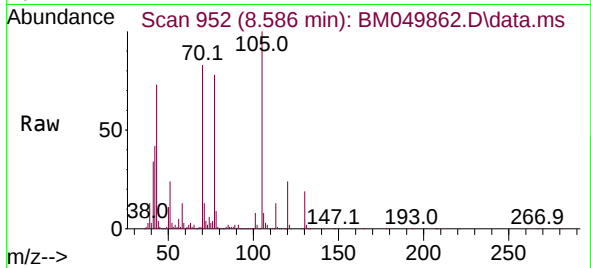


#19
n-Nitroso-di-n-propylamine
Concen: 44.125 ng
RT: 8.586 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Instrument :
BNA_M
ClientSampleId :
PB167521BSD

Tgt Ion: 70 Resp: 599988

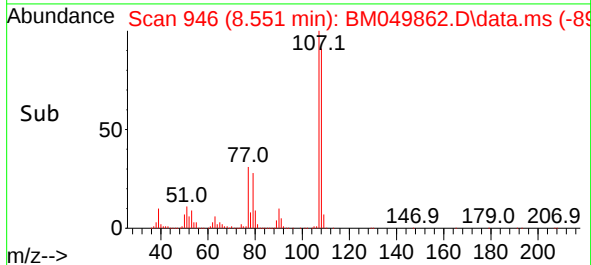
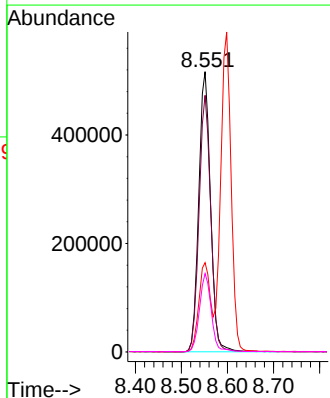
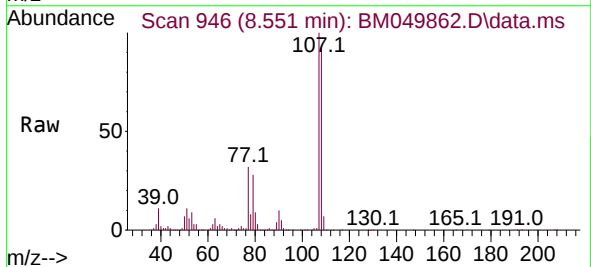
Ion	Ratio	Lower	Upper
70	100		
42	50.3	40.2	60.2
101	9.8	7.9	11.9
130	22.3	17.7	26.5

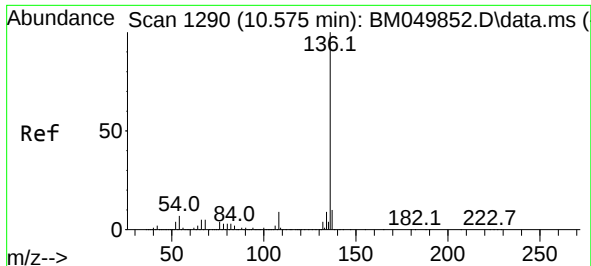


#20
3+4-Methylphenols
Concen: 45.707 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion: 107 Resp: 919992

Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.6	109.6
77	31.8	11.7	51.7
79	28.0	7.3	47.3

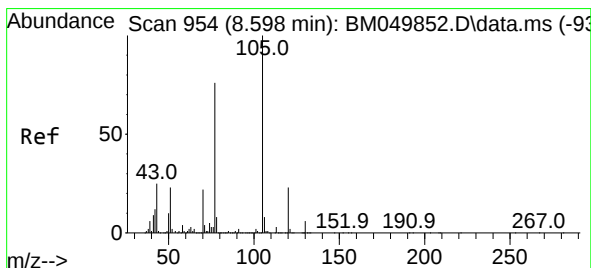
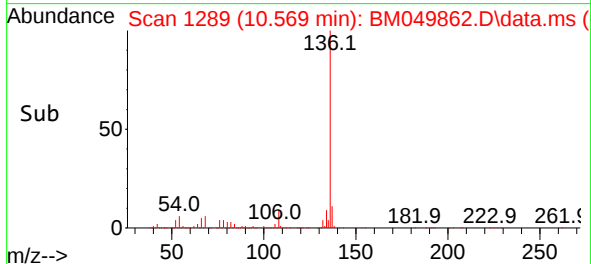
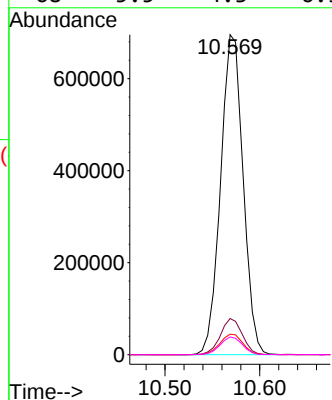
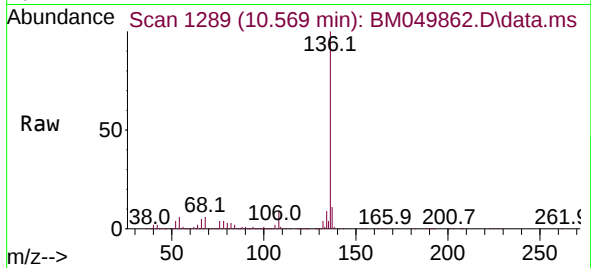




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

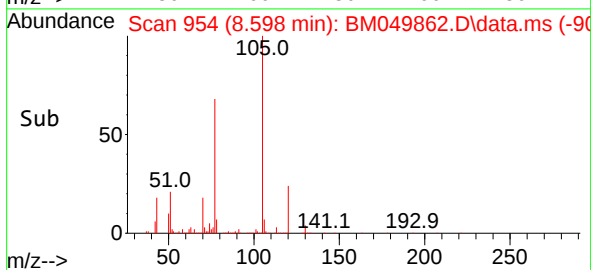
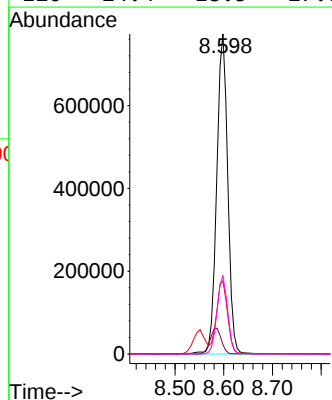
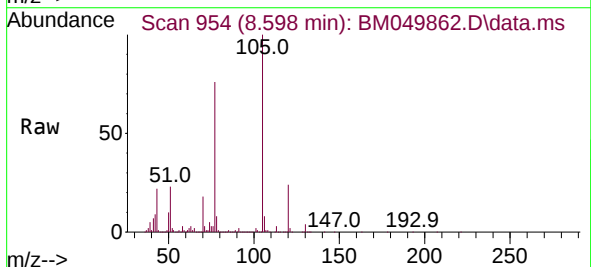
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

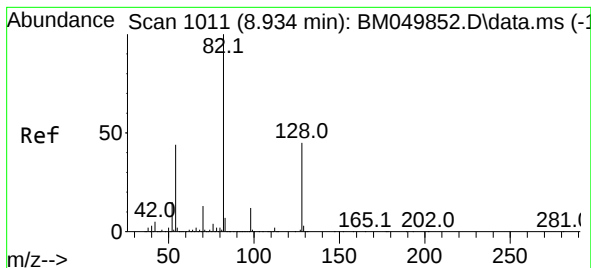
Tgt Ion:136 Resp: 1150025
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 6.4 5.3 7.9
68 5.5 4.3 6.5



#22
Acetophenone
Concen: 43.337 ng
RT: 8.598 min Scan# 954
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:105 Resp: 1211222
Ion Ratio Lower Upper
105 100
71 2.9 3.0 4.4#
51 22.8 18.6 27.8
120 24.4 18.5 27.7

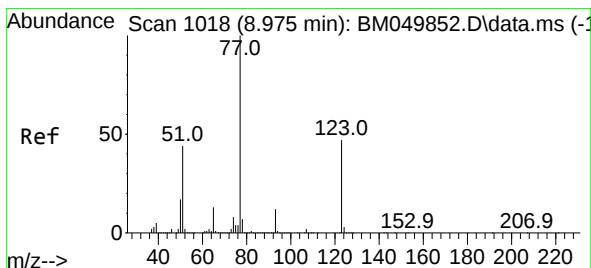
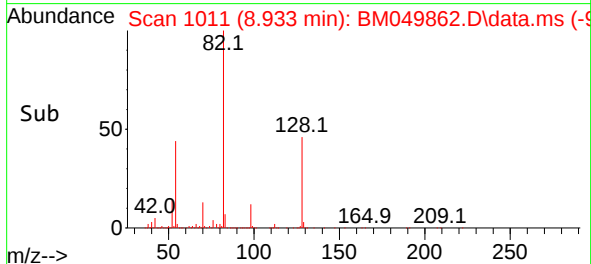
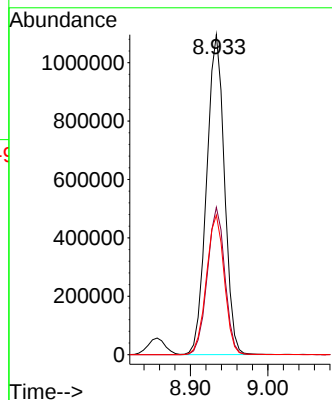
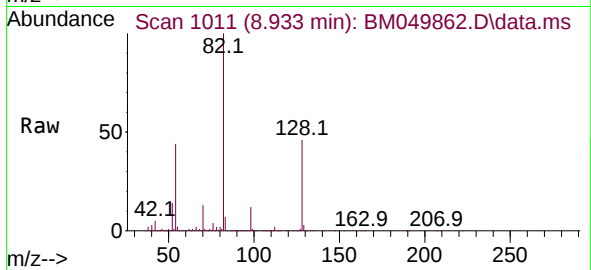




#23
Nitrobenzene-d5
Concen: 84.499 ng
RT: 8.933 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

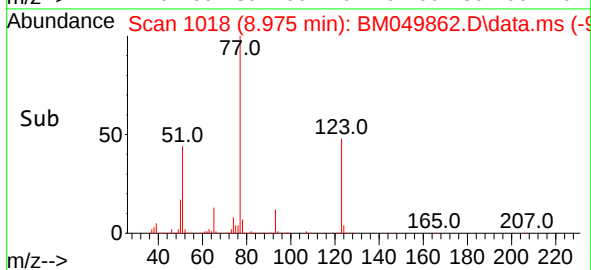
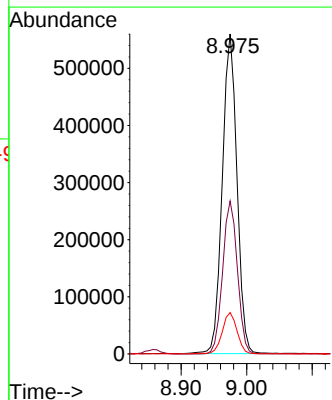
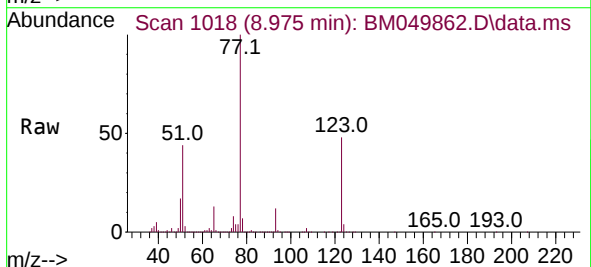
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

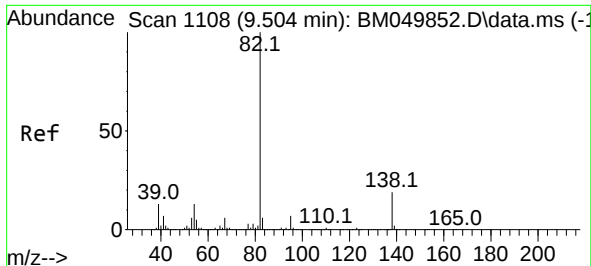
Tgt Ion: 82 Resp: 1745095
Ion Ratio Lower Upper
82 100
128 46.1 36.2 54.2
54 43.6 35.0 52.6



#24
Nitrobenzene
Concen: 43.583 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion: 77 Resp: 866706
Ion Ratio Lower Upper
77 100
123 47.8 37.4 56.2
65 13.0 10.1 15.1

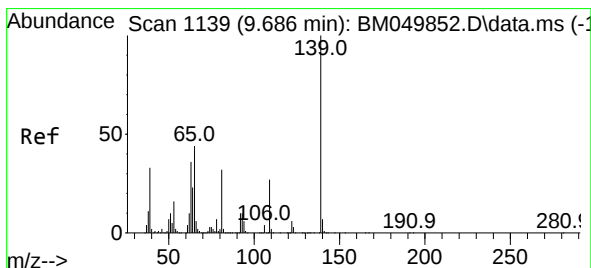
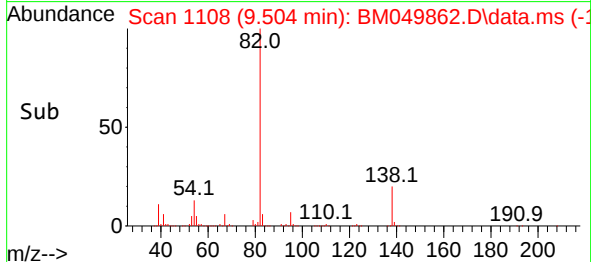
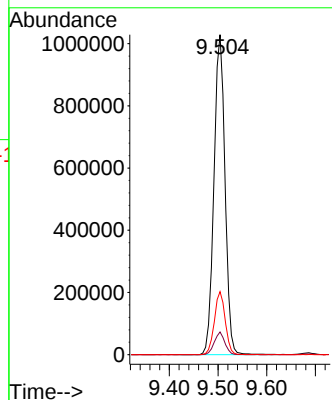
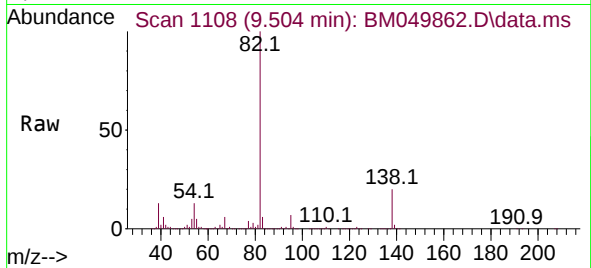




#25
Isophorone
Concen: 46.675 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

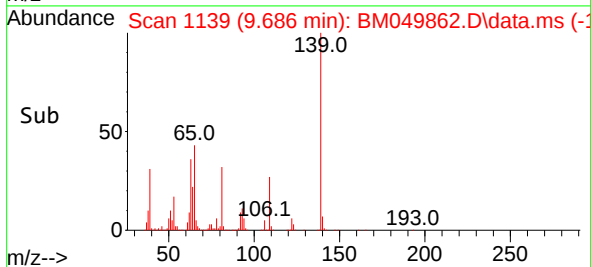
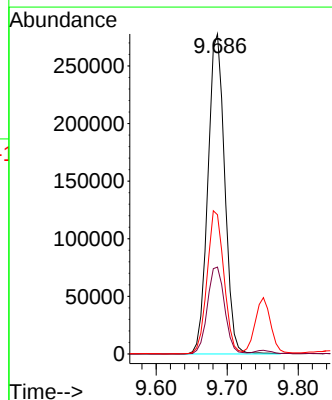
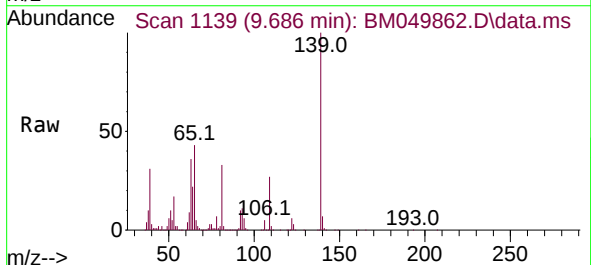
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

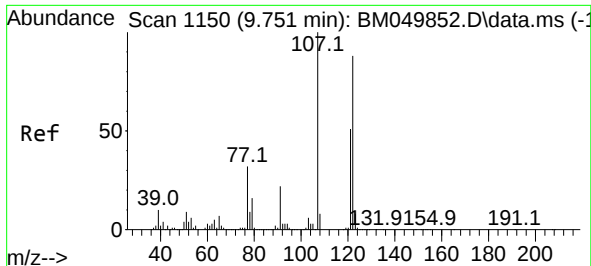
Tgt Ion: 82 Resp: 1614808
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 19.7 15.0 22.6



#26
2-Nitrophenol
Concen: 43.383 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:139 Resp: 457262
Ion Ratio Lower Upper
139 100
109 27.2 21.7 32.5
65 43.5 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 63.887 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

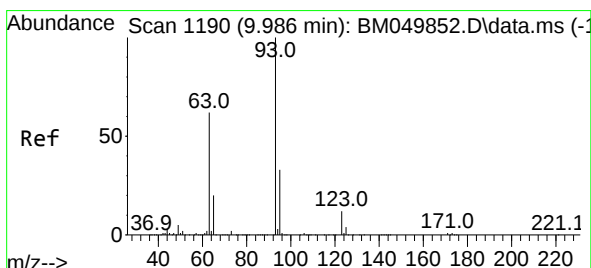
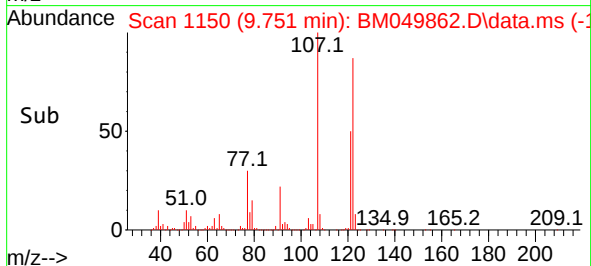
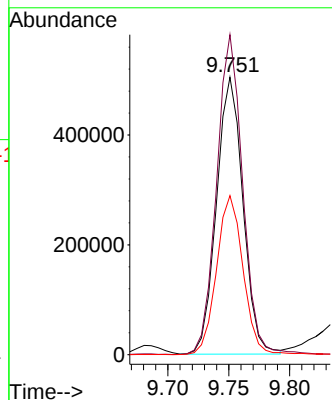
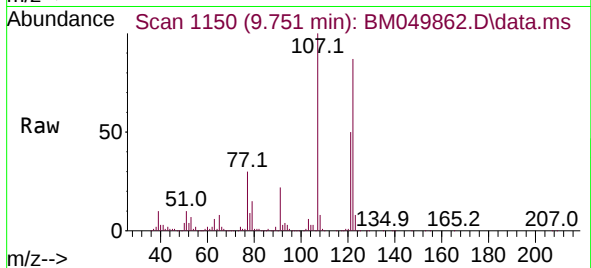
Tgt Ion:122 Resp: 763120

Ion Ratio Lower Upper

122 100

107 115.3 90.3 135.5

121 57.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.319 ng

RT: 9.980 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

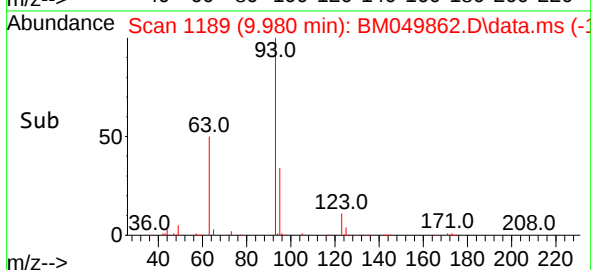
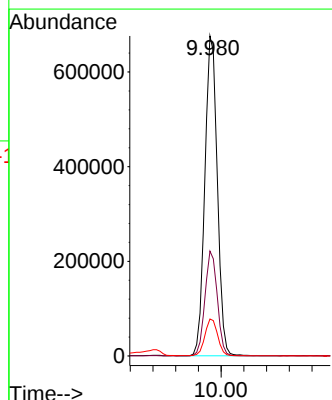
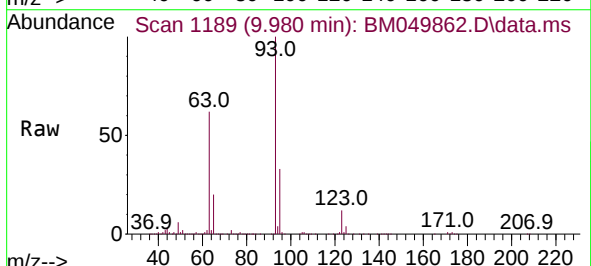
Tgt Ion: 93 Resp: 1026510

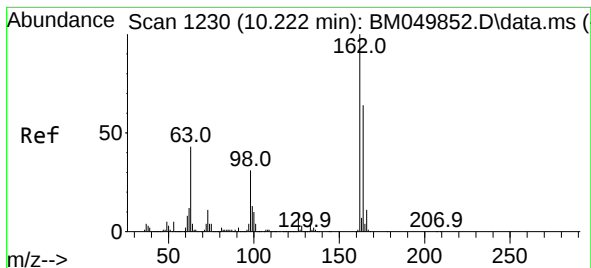
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.304 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

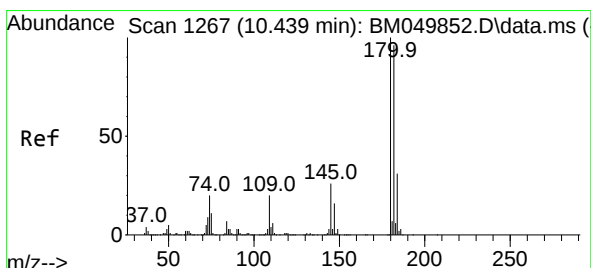
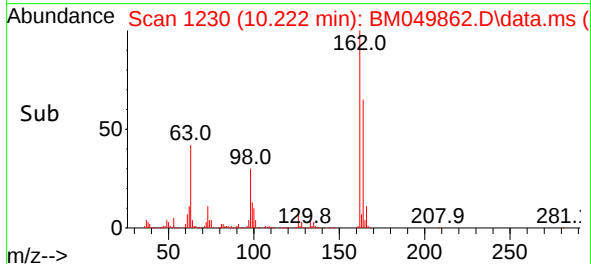
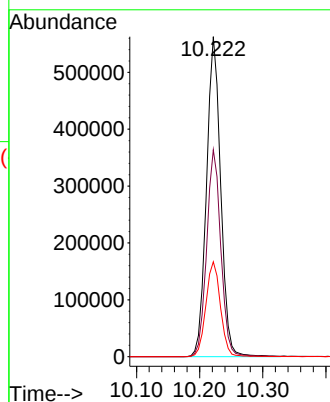
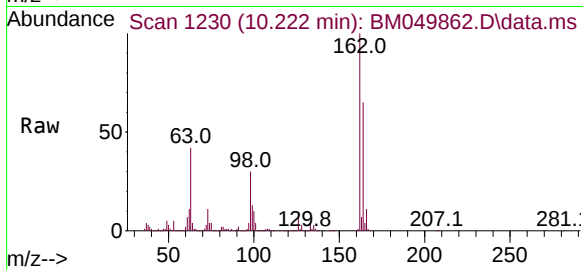
Tgt Ion:162 Resp: 879670

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 29.6 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 43.849 ng

RT: 10.433 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

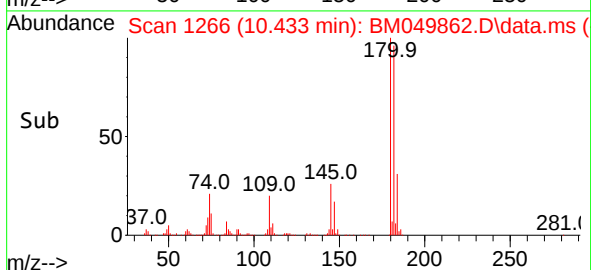
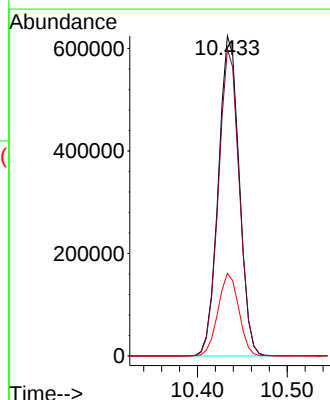
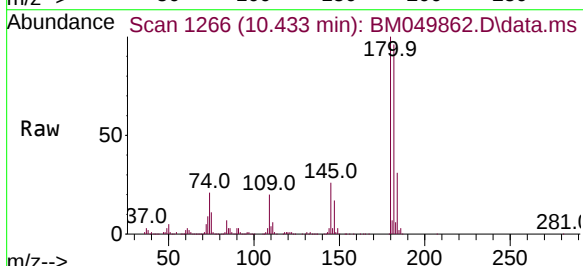
Tgt Ion:180 Resp: 1007214

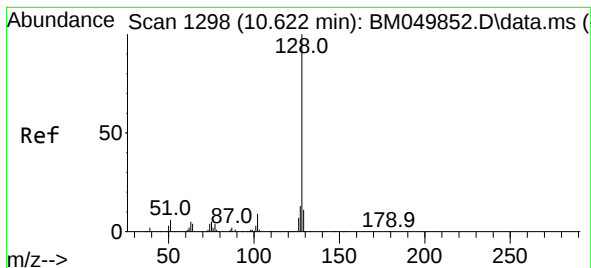
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 25.8 20.8 31.2

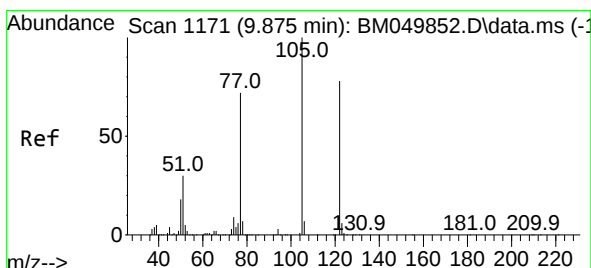
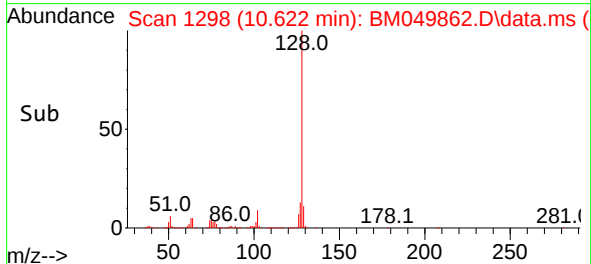
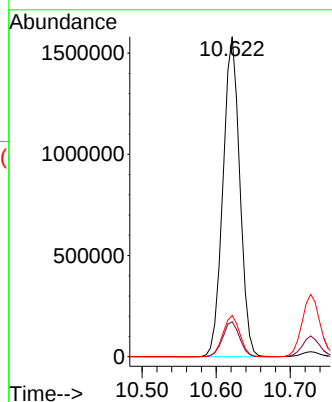
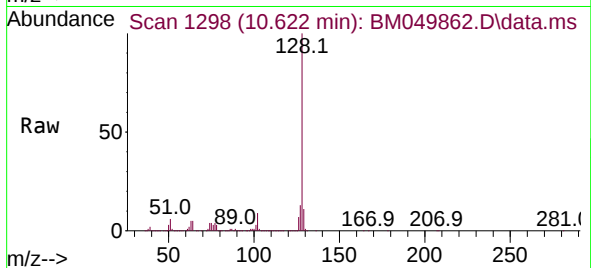




#31
Naphthalene
Concen: 42.098 ng
RT: 10.622 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

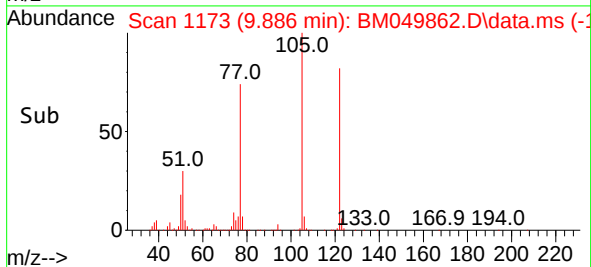
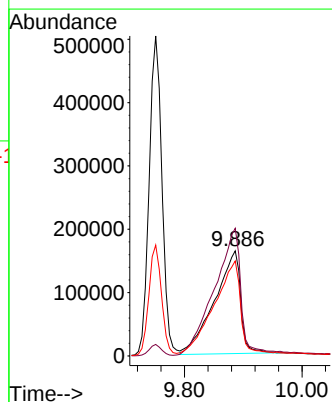
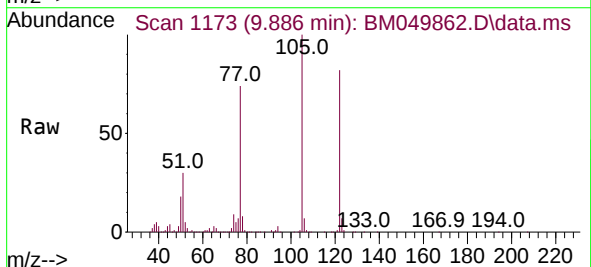
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

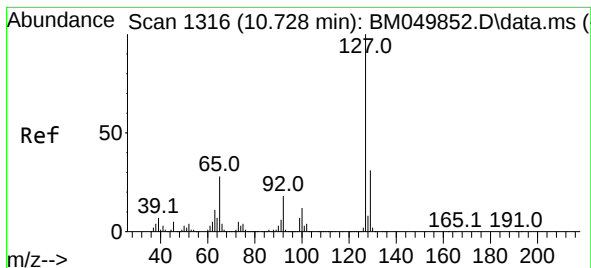
Tgt Ion:128 Resp: 2487681
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 36.330 ng
RT: 9.886 min Scan# 1173
Delta R.T. 0.011 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:122 Resp: 500509
Ion Ratio Lower Upper
122 100
105 121.5 103.8 143.8
77 90.5 70.7 110.7

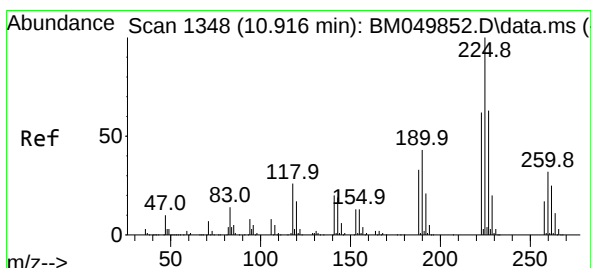
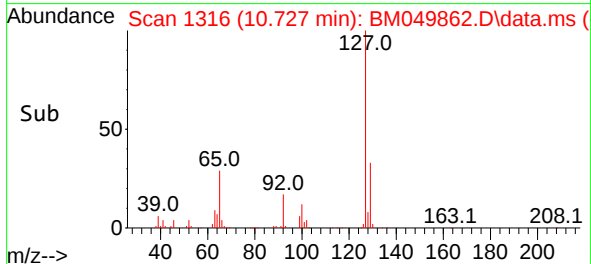
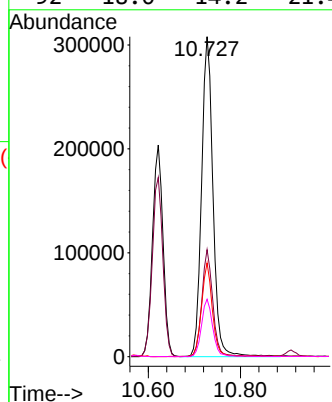
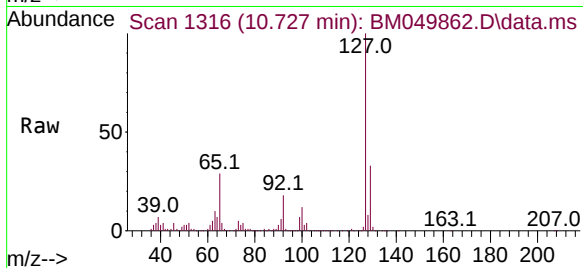




#33
4-Chloroaniline
Concen: 25.540 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

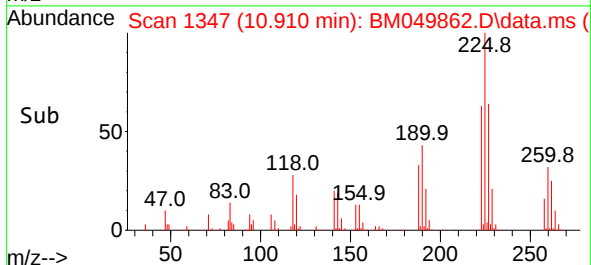
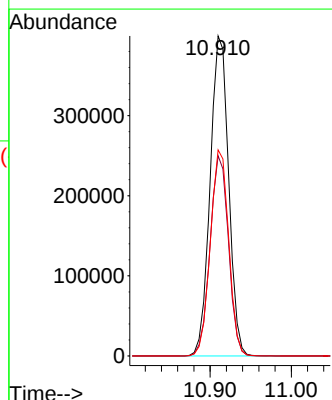
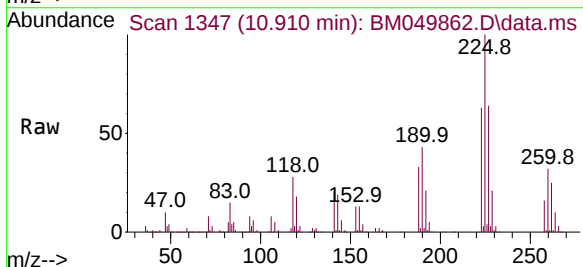
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

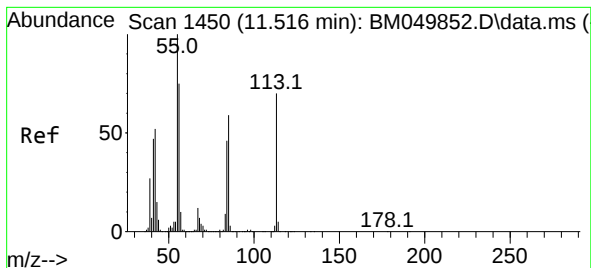
Tgt Ion:	127	Resp:	532920
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.9	37.3
65	29.3	22.4	33.6
92	18.0	14.2	21.4



#34
Hexachlorobutadiene
Concen: 44.327 ng
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:	225	Resp:	629806
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	64.4	50.1	75.1

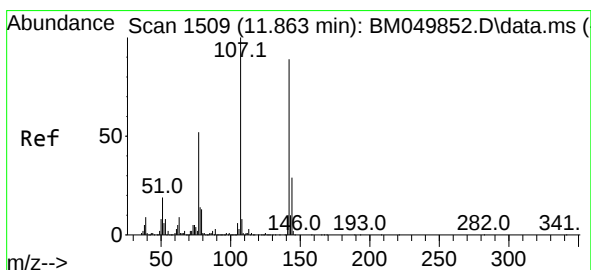
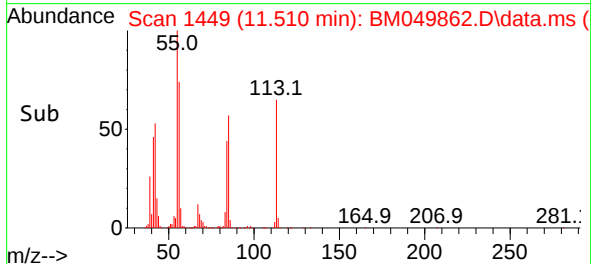
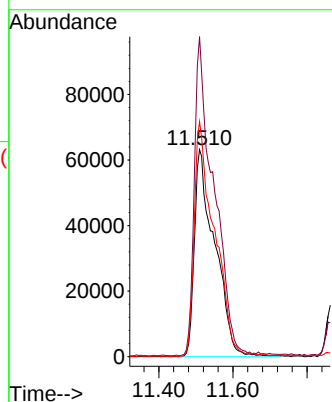
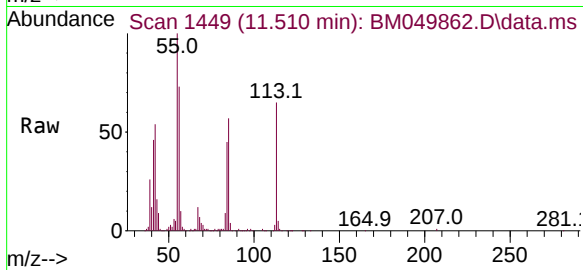




#35
Caprolactam
Concen: 42.195 ng
RT: 11.510 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

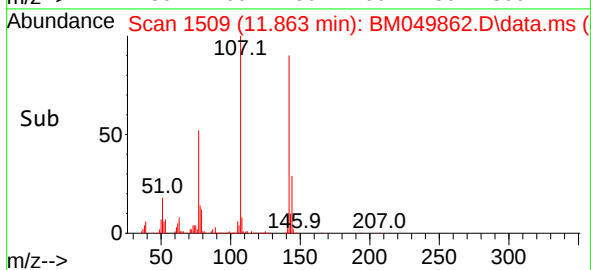
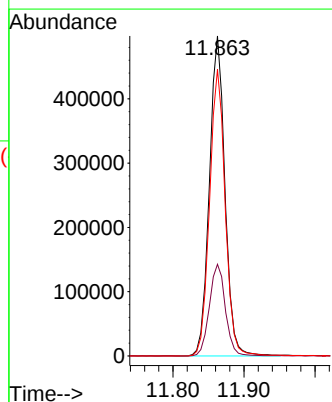
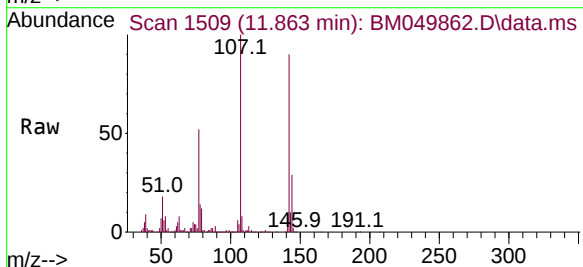
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

Tgt Ion:113 Resp: 240290
Ion Ratio Lower Upper
113 100
55 154.5 124.3 164.3
56 113.6 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 43.671 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:107 Resp: 759543
Ion Ratio Lower Upper
107 100
144 28.7 23.6 35.4
142 89.6 71.4 107.0

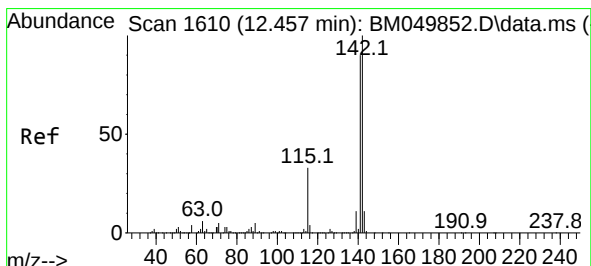
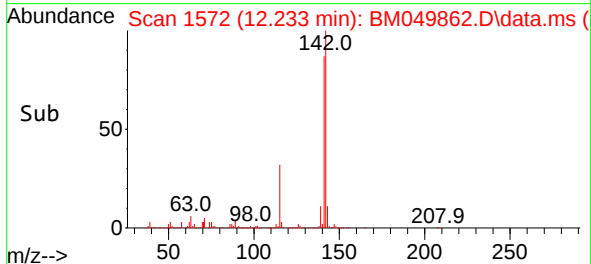
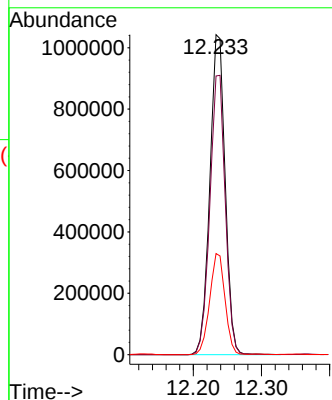
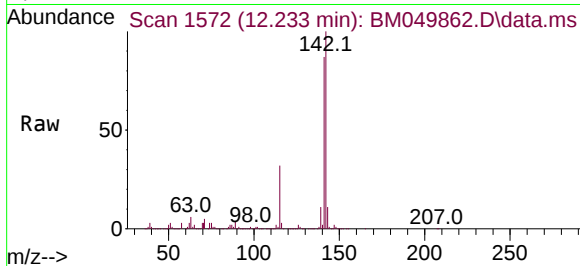




#37
2-Methylnaphthalene
Concen: 39.104 ng
RT: 12.233 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

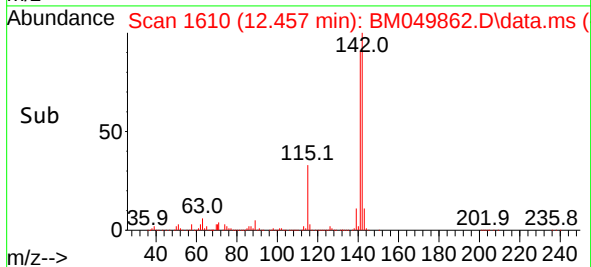
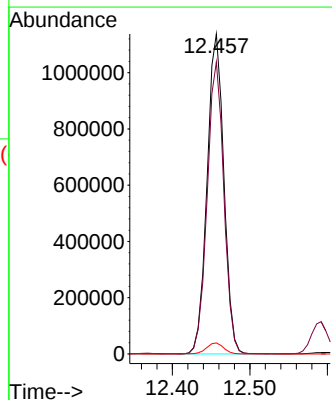
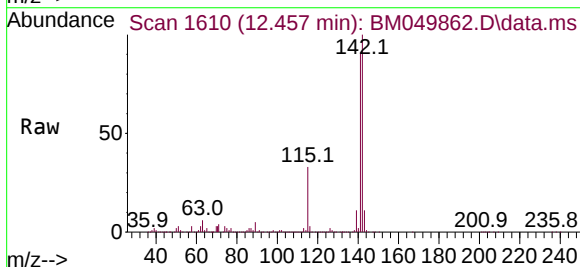
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

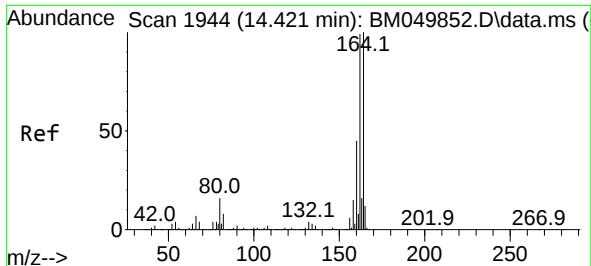
Tgt Ion:142 Resp: 1628063
Ion Ratio Lower Upper
142 100
141 87.1 70.2 105.2
115 31.6 25.4 38.2



#38
1-Methylnaphthalene
Concen: 42.118 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:142 Resp: 1708396
Ion Ratio Lower Upper
142 100
141 91.3 72.2 108.2
116 3.5 2.9 4.3

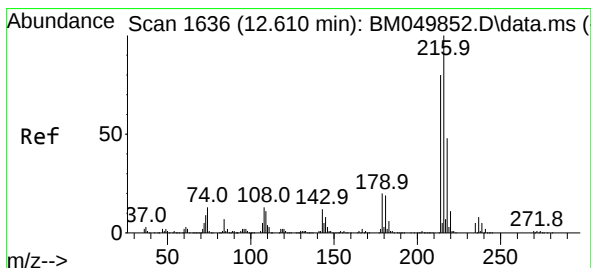
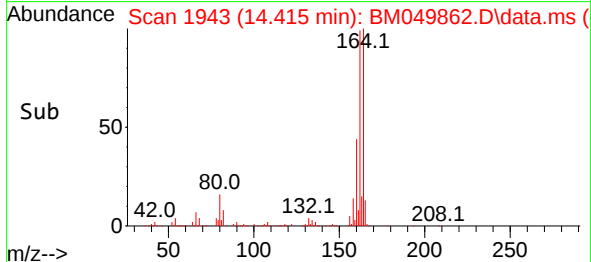
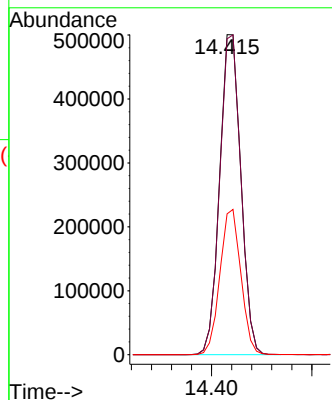
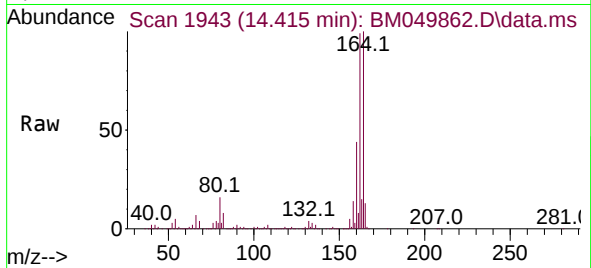




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

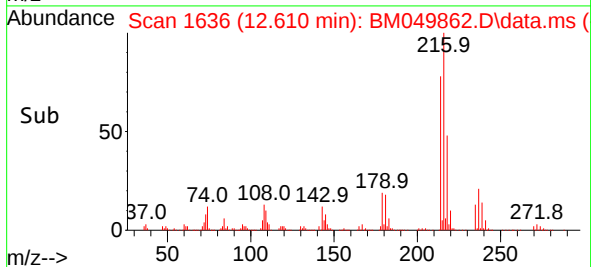
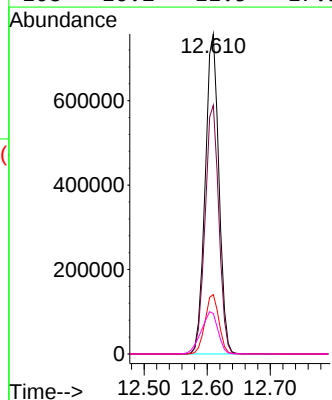
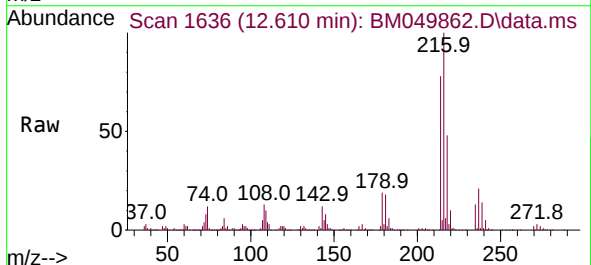
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

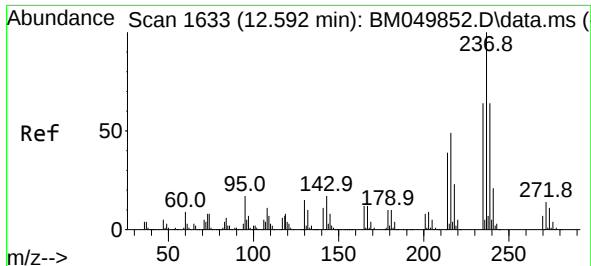
Tgt Ion:164 Resp: 735598
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 44.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.368 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

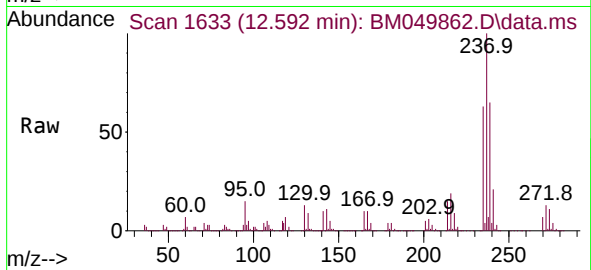
Tgt Ion:216 Resp: 1141788
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 18.9 15.8 23.6
108 16.2 11.5 17.3



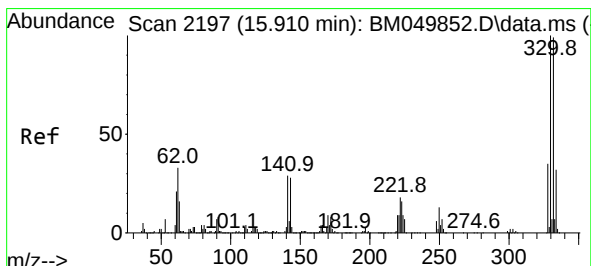
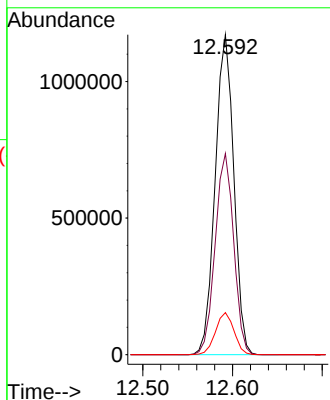
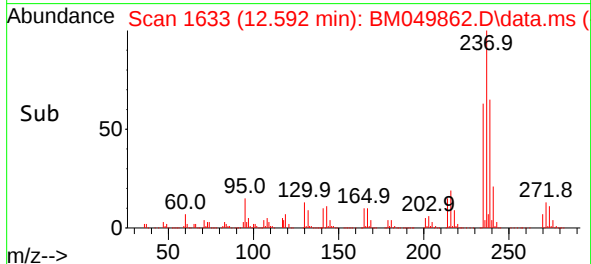


#41
Hexachlorocyclopentadiene
Concen: 187.047 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

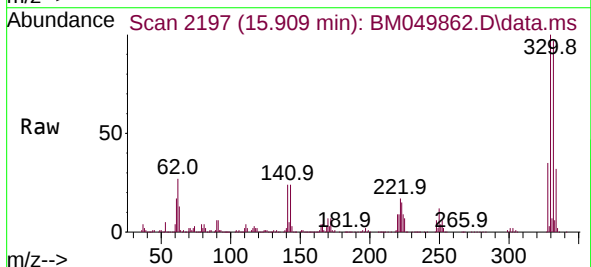
Instrument :
BNA_M
ClientSampleId :
PB167521BSD



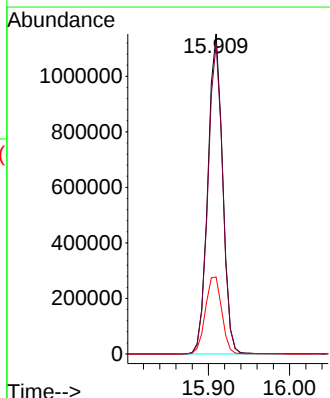
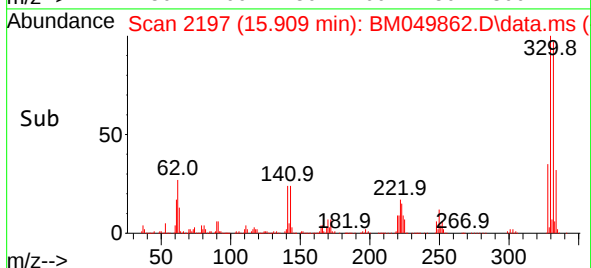
Tgt Ion:237 Resp: 1686714
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 13.1 0.0 33.5

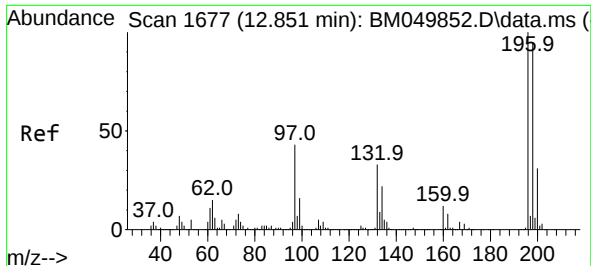


#42
2,4,6-Tribromophenol
Concen: 135.835 ng
RT: 15.909 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06



Tgt Ion:330 Resp: 1453370
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 26.8 23.5 35.3

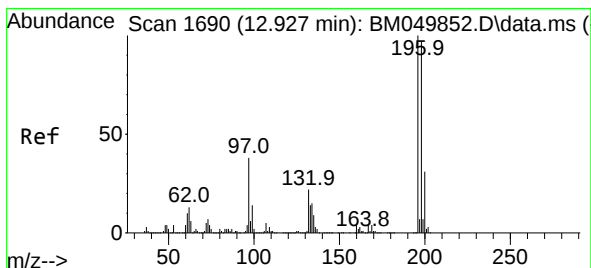
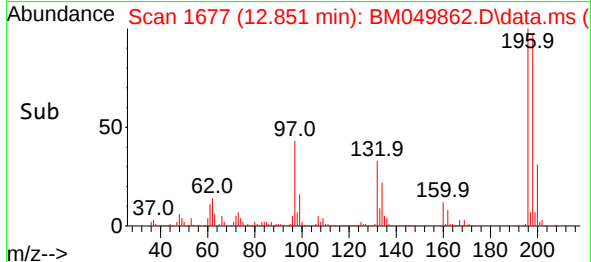
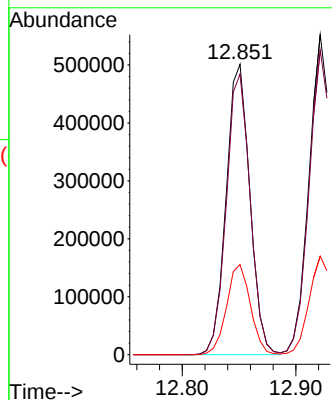
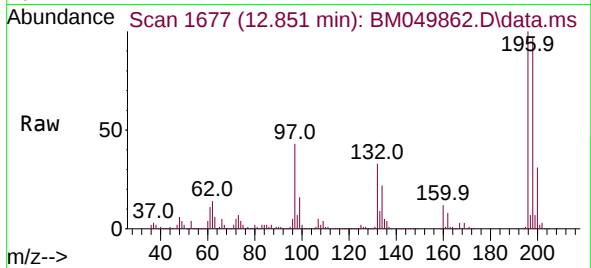




#43
2,4,6-Trichlorophenol
Concen: 44.427 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

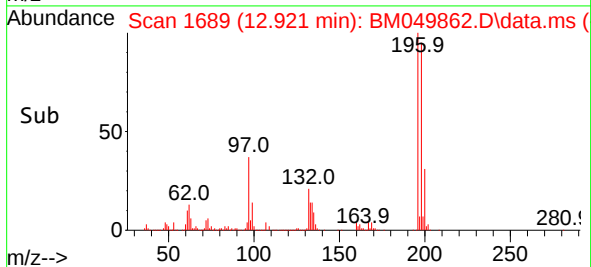
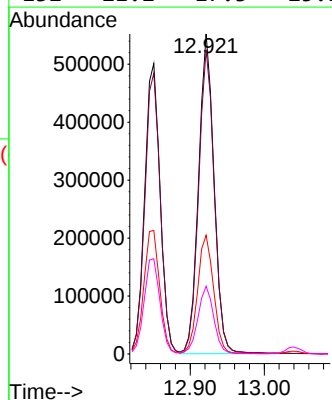
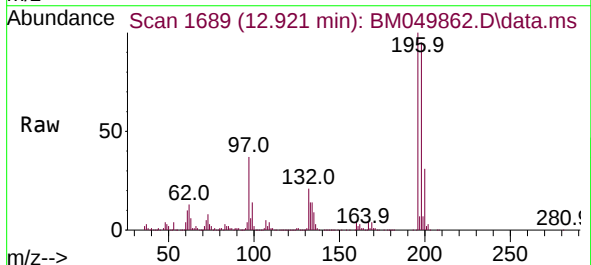
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

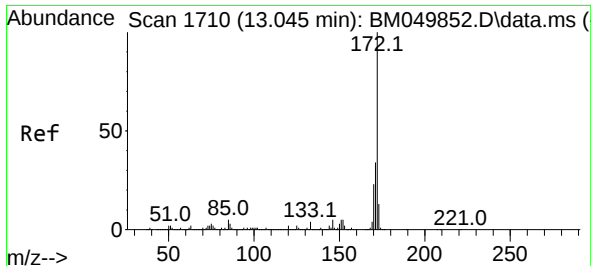
Tgt Ion:196 Resp: 727525
Ion Ratio Lower Upper
196 100
198 96.6 76.1 114.1
200 31.0 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 45.042 ng
RT: 12.921 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:196 Resp: 801550
Ion Ratio Lower Upper
196 100
198 95.1 77.7 116.5
97 37.1 30.3 45.5
132 21.2 17.3 25.9

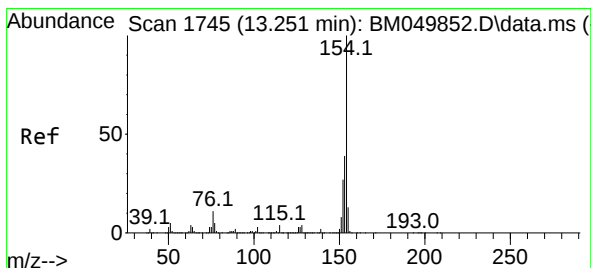
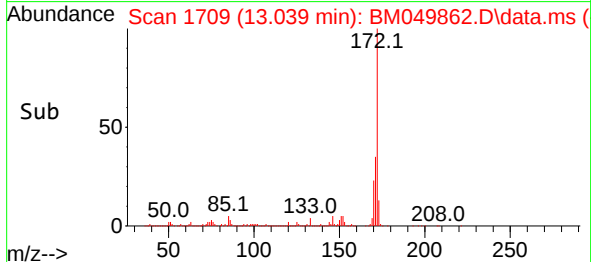
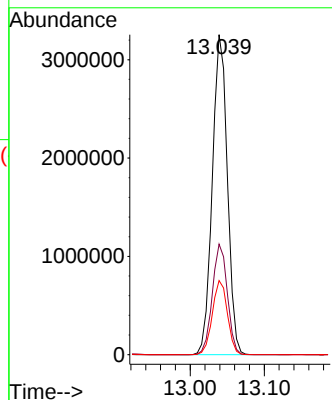
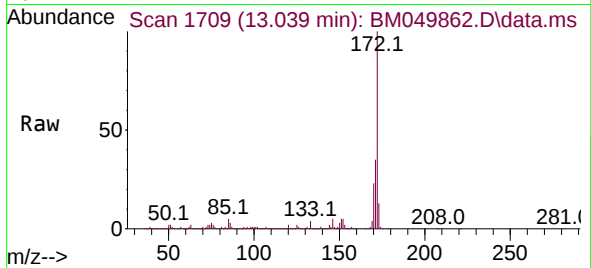




#45
2-Fluorobiphenyl
Concen: 84.430 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

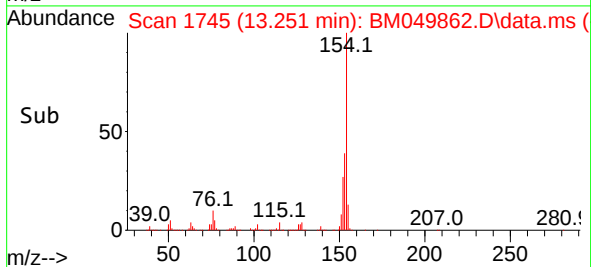
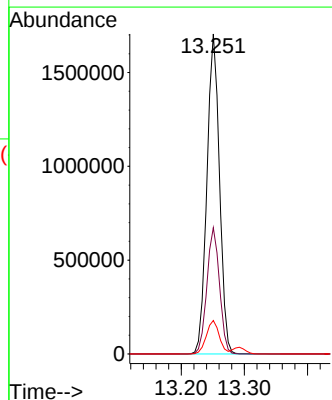
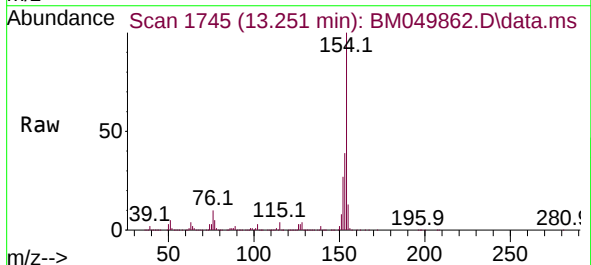
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

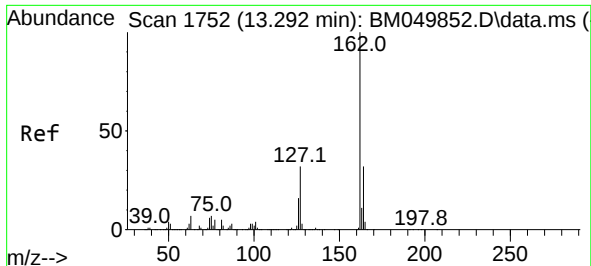
Tgt Ion:172 Resp: 4580069
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.2
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.130 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:154 Resp: 2358457
Ion Ratio Lower Upper
154 100
153 39.4 19.3 59.3
76 10.5 0.0 30.7

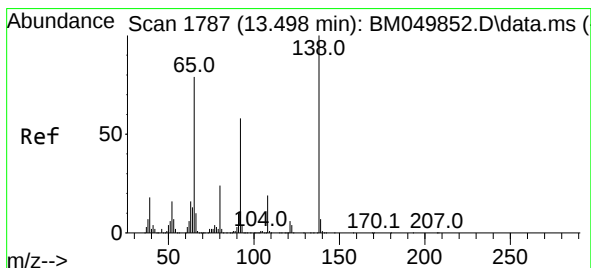
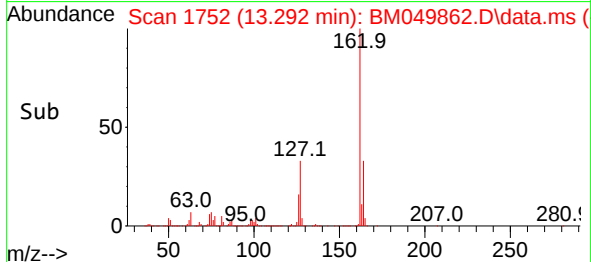
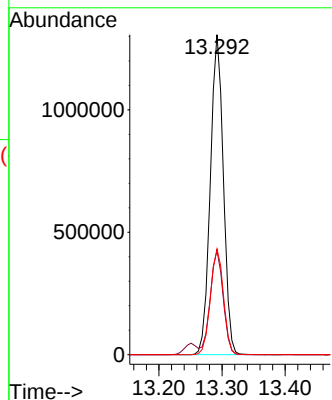
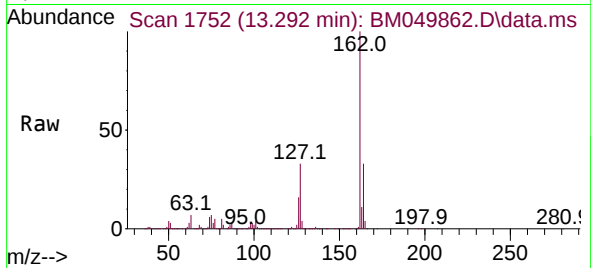




#47
2-Chloronaphthalene
Concen: 43.626 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

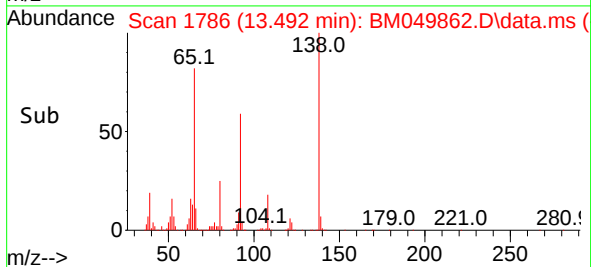
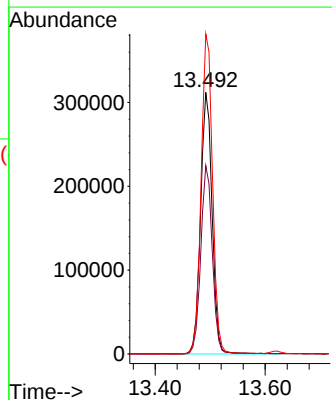
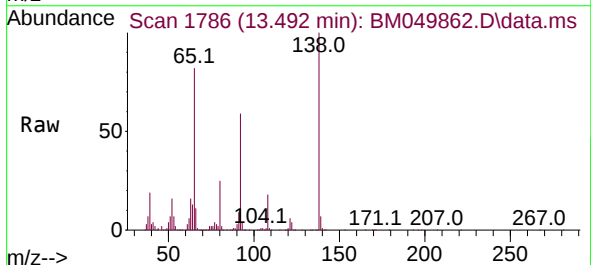
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

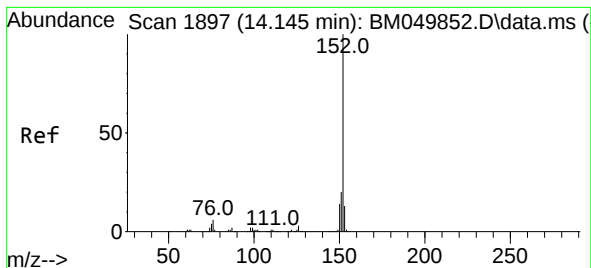
Tgt Ion:162 Resp: 1874993
Ion Ratio Lower Upper
162 100
127 32.6 26.0 39.0
164 33.0 25.9 38.9



#48
2-Nitroaniline
Concen: 45.900 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion: 65 Resp: 456388
Ion Ratio Lower Upper
65 100
92 72.0 58.4 87.6
138 122.3 100.8 151.2





#49

Acenaphthylene

Concen: 47.005 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

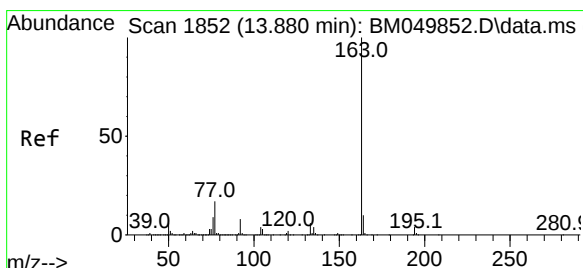
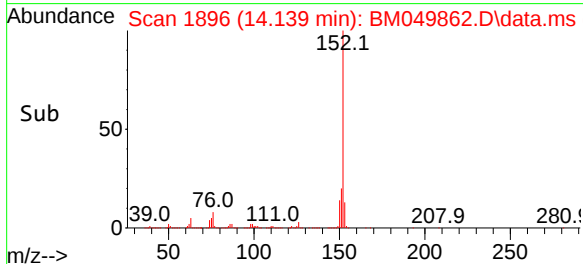
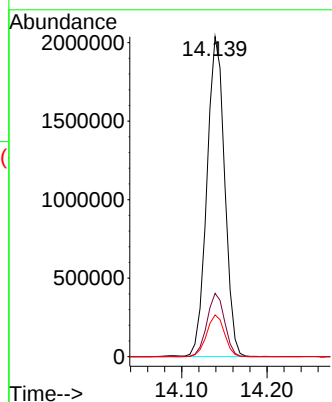
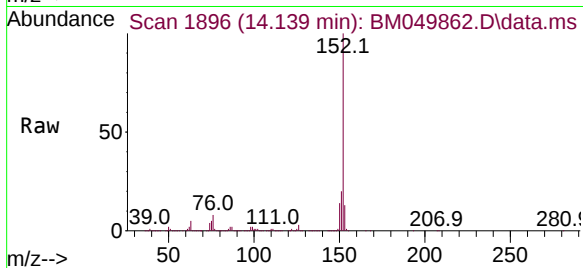
BNA_M

ClientSampleId :

PB167521BSD

Tgt Ion:152 Resp: 2942784

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.4	15.6



#50

Dimethylphthalate

Concen: 43.798 ng

RT: 13.874 min Scan# 1851

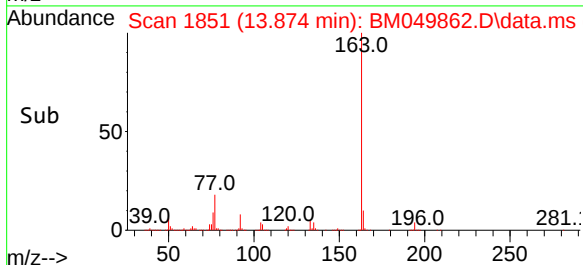
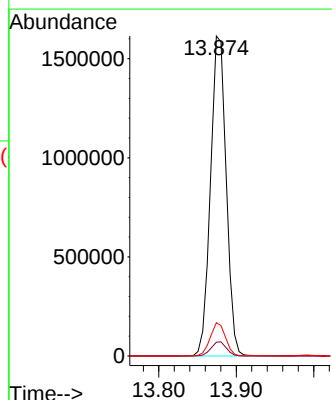
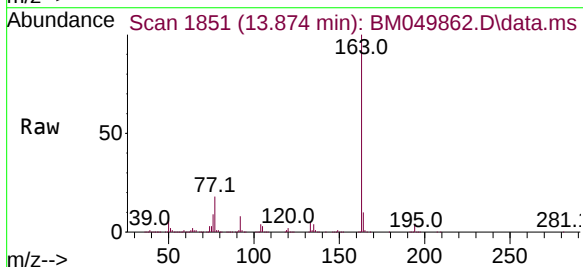
Delta R.T. -0.006 min

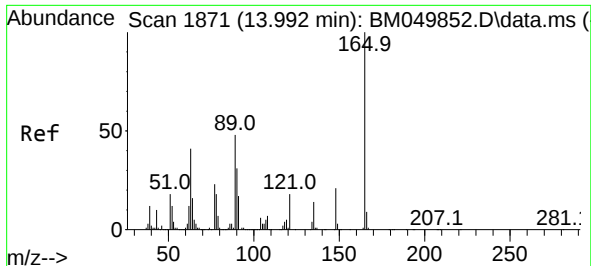
Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Tgt Ion:163 Resp: 2272895

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.4	7.9	11.9

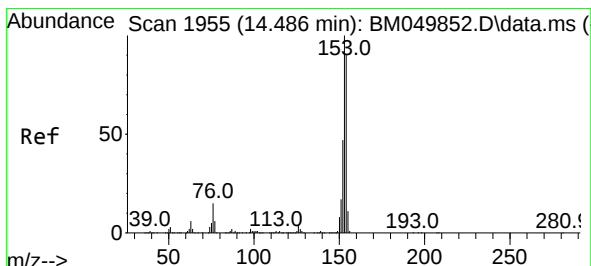
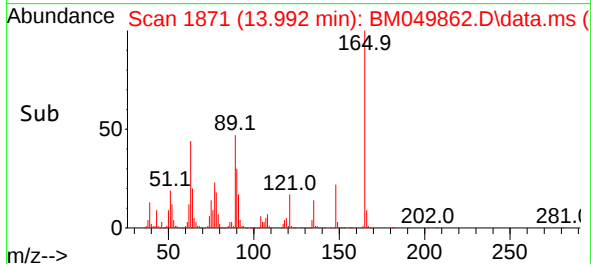
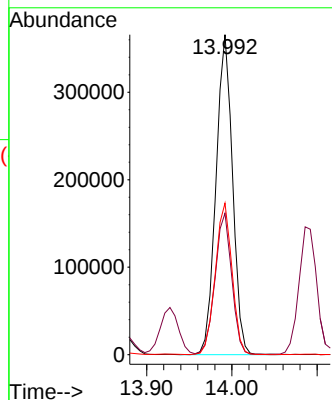
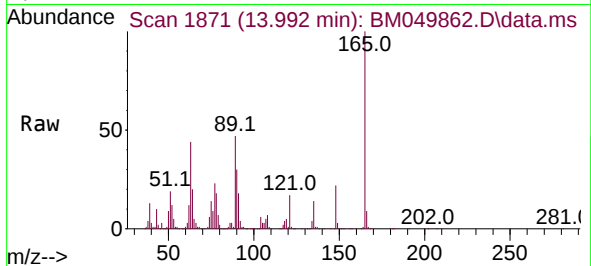




#51
2,6-Dinitrotoluene
Concen: 45.417 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

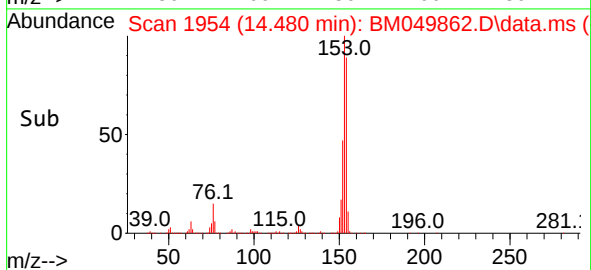
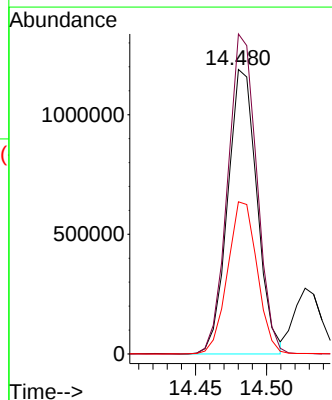
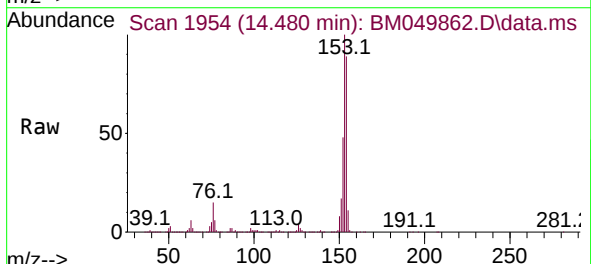
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

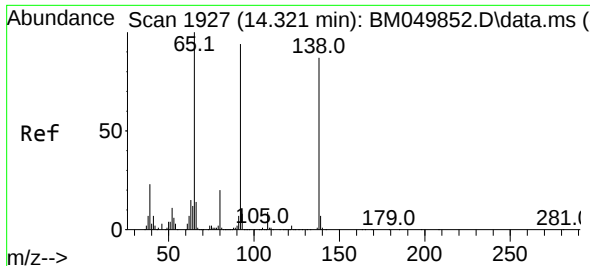
Tgt Ion:165 Resp: 493805
Ion Ratio Lower Upper
165 100
63 44.2 36.1 54.1
89 47.4 38.3 57.5



#52
Acenaphthene
Concen: 42.938 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:154 Resp: 1709875
Ion Ratio Lower Upper
154 100
153 112.5 89.3 133.9
152 53.5 42.2 63.2

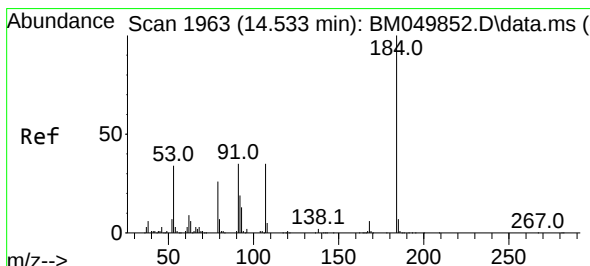
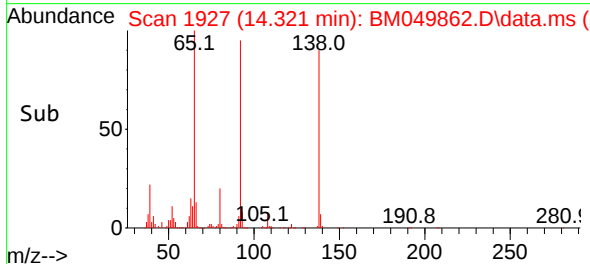
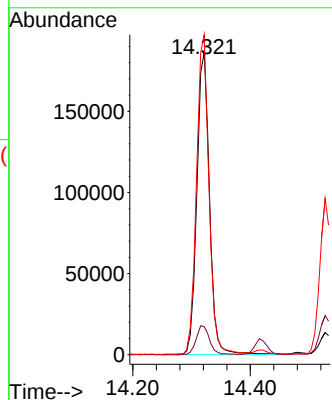
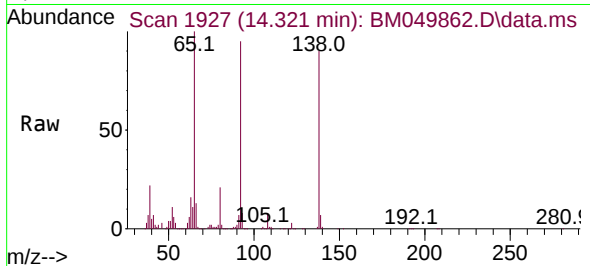




#53
3-Nitroaniline
Concen: 26.483 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

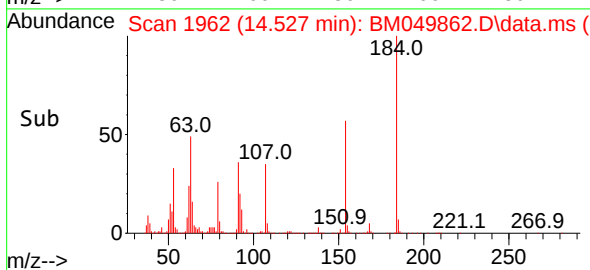
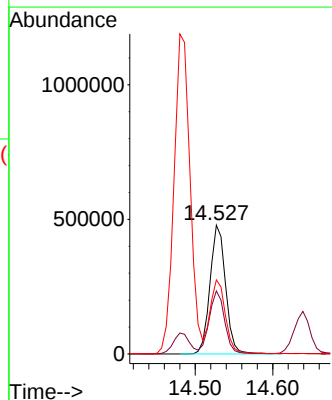
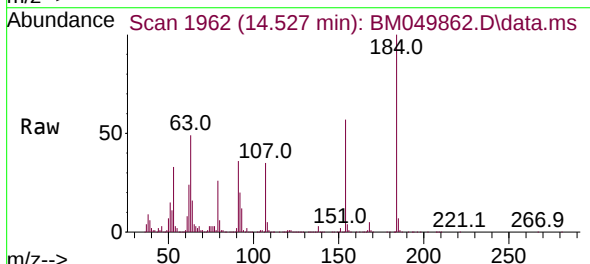
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

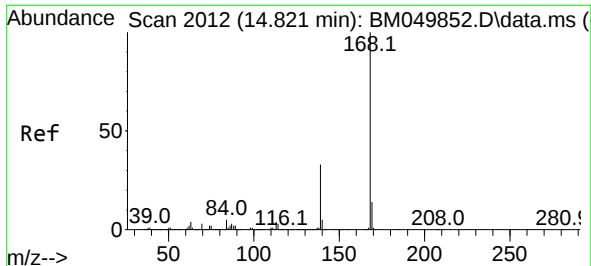
Tgt Ion:138 Resp: 278294
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 105.9 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 84.656 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

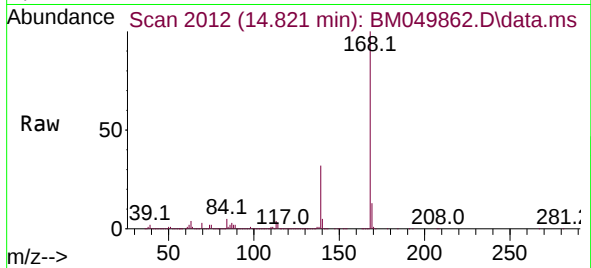
Tgt Ion:184 Resp: 670209
Ion Ratio Lower Upper
184 100
63 48.9 38.4 57.6
154 57.5 48.1 72.1



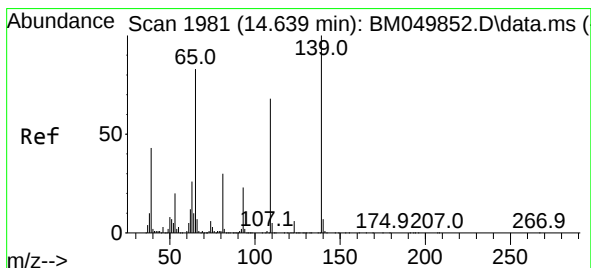
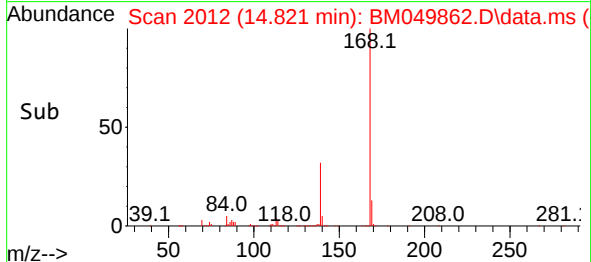
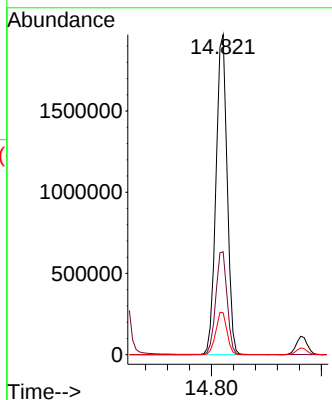


#55
Dibenzofuran
Concen: 41.763 ng
RT: 14.821 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Instrument :
BNA_M
ClientSampleId :
PB167521BSD

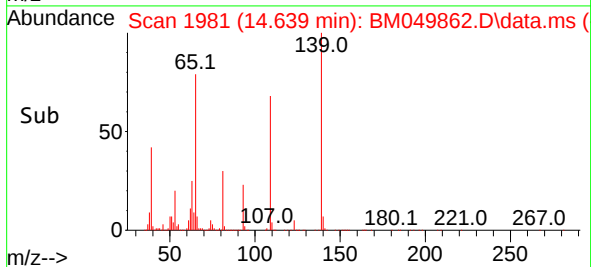
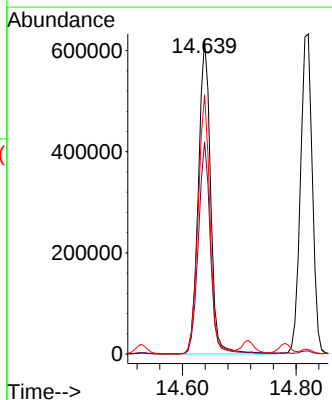
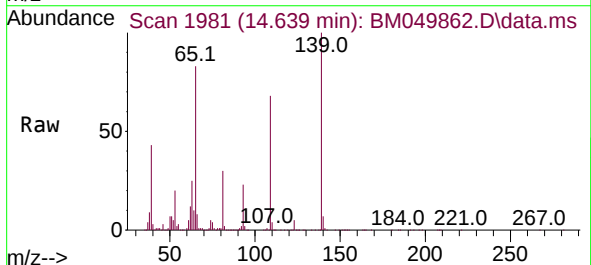


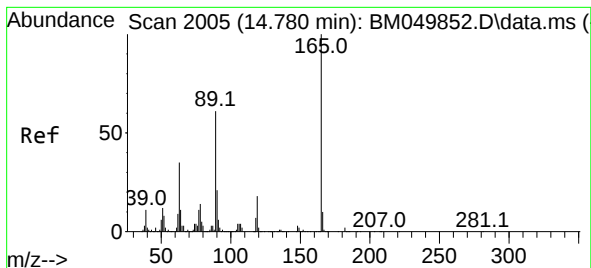
Tgt Ion:168 Resp: 2780257
Ion Ratio Lower Upper
168 100
139 32.1 26.6 39.8
169 13.1 11.0 16.4



#56
4-Nitrophenol
Concen: 99.585 ng
RT: 14.639 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:139 Resp: 932568
Ion Ratio Lower Upper
139 100
109 67.6 47.9 87.9
65 82.6 62.7 102.7

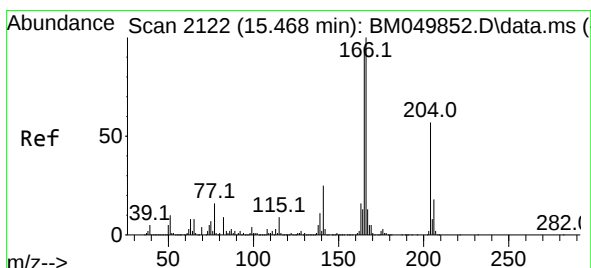
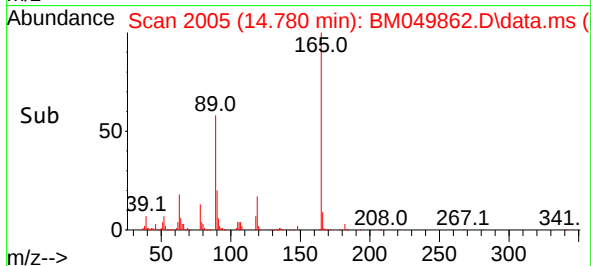
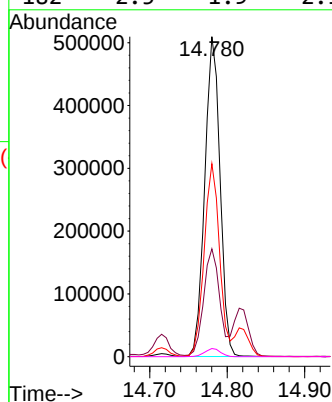
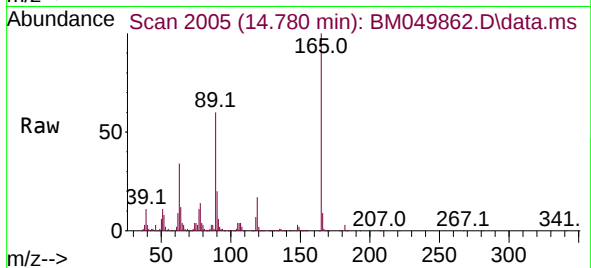




#57
2,4-Dinitrotoluene
Concen: 48.056 ng
RT: 14.780 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

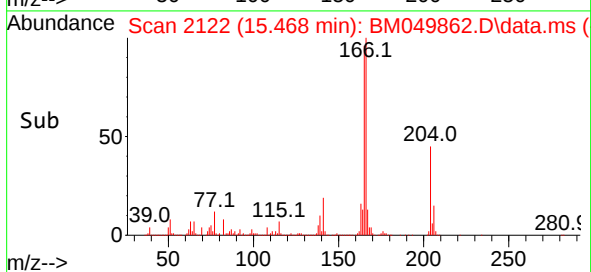
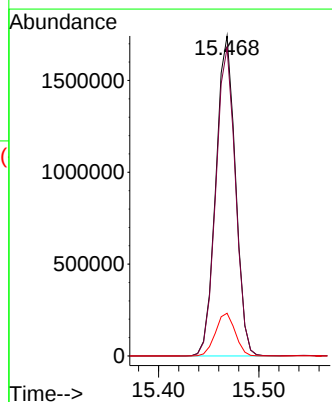
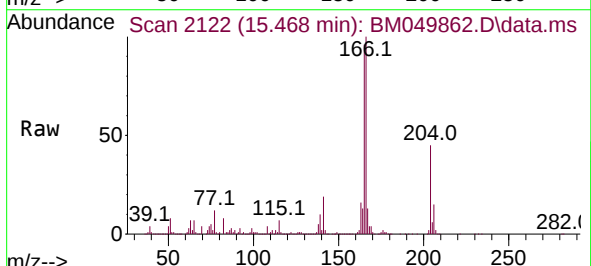
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

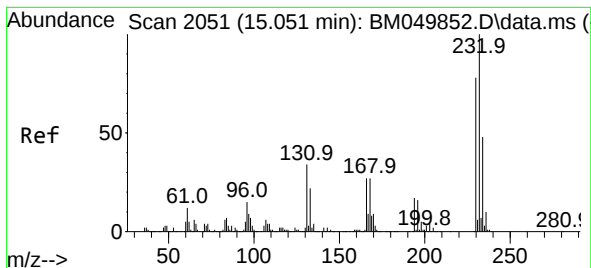
Tgt Ion:165 Resp: 697060
Ion Ratio Lower Upper
165 100
63 33.7 28.6 42.8
89 60.3 49.0 73.6
182 2.5 1.9 2.9



#58
Fluorene
Concen: 44.483 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:166 Resp: 2353879
Ion Ratio Lower Upper
166 100
165 96.3 76.3 114.5
167 13.4 10.7 16.1

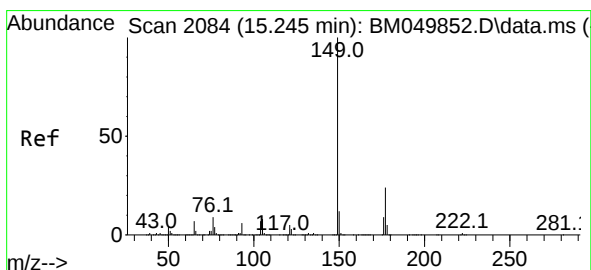
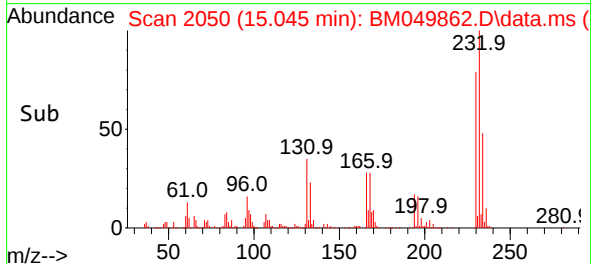
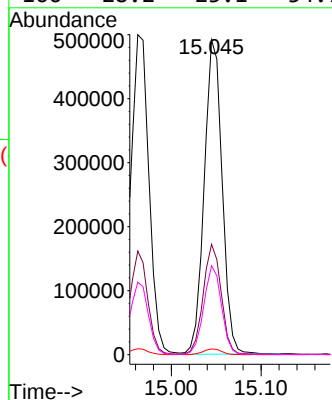
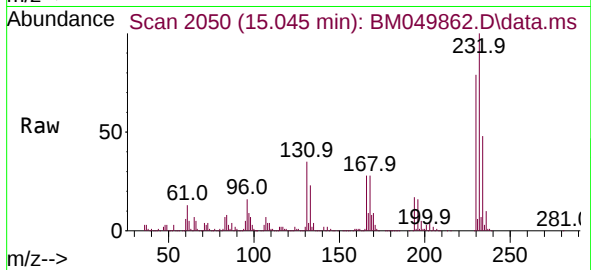




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.733 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

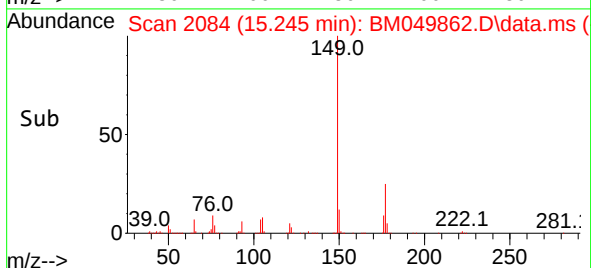
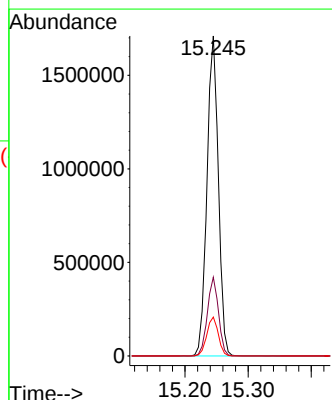
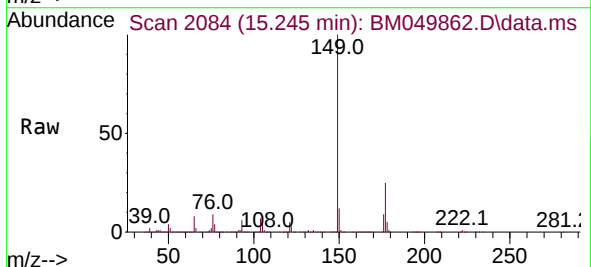
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

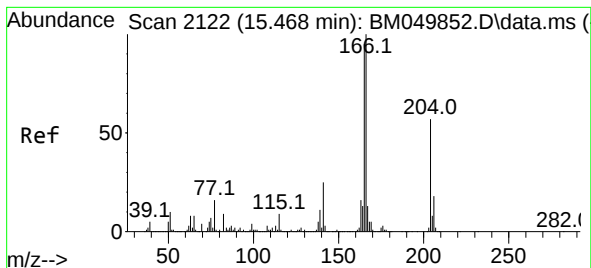
Tgt Ion:232 Resp: 682132
Ion Ratio Lower Upper
232 100
131 35.2 28.4 42.6
130 1.9 1.6 2.4
166 28.2 23.1 34.7



#60
Diethylphthalate
Concen: 42.915 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:149 Resp: 2135751
Ion Ratio Lower Upper
149 100
177 24.6 19.0 28.4
150 12.2 9.7 14.5

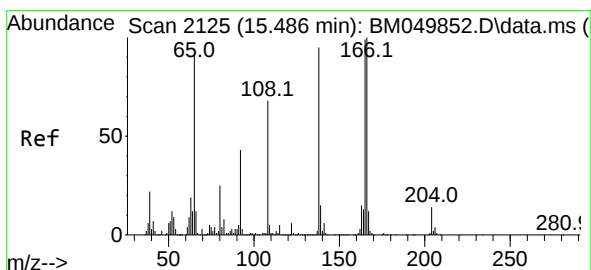
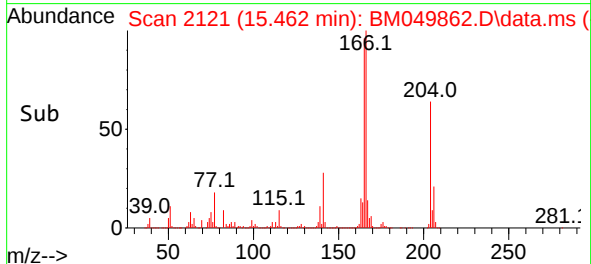
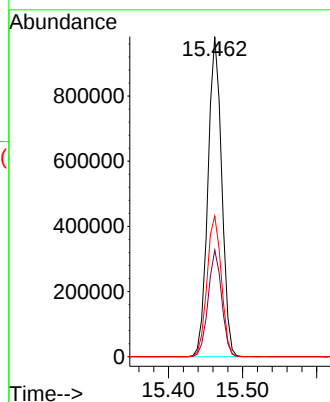
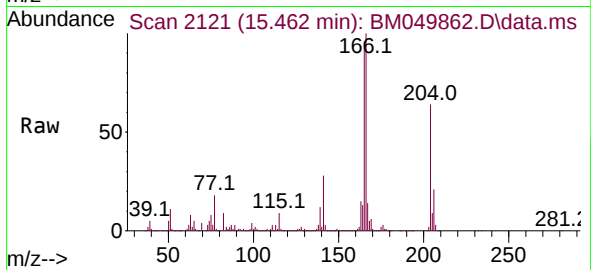




#61
4-Chlorophenyl-phenylether
Concen: 44.717 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

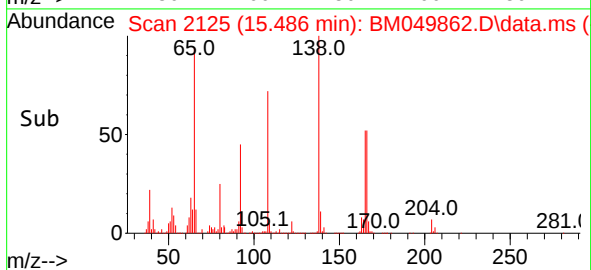
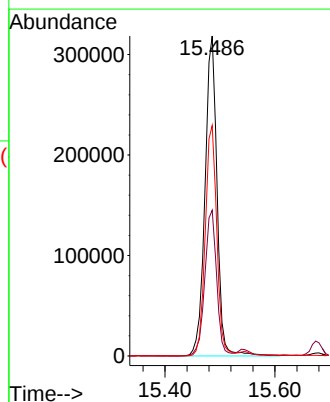
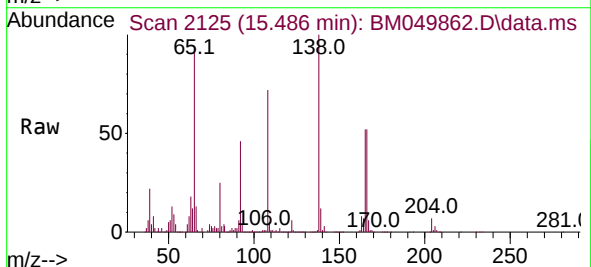
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

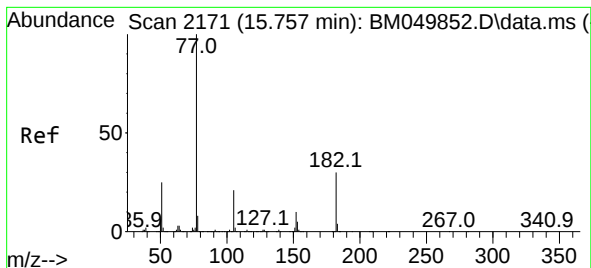
Tgt Ion:204 Resp: 1268642
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 44.0 35.0 52.6



#62
4-Nitroaniline
Concen: 44.634 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:138 Resp: 485055
Ion Ratio Lower Upper
138 100
92 45.5 24.9 64.9
108 72.0 51.7 91.7





#63

Azobenzene

Concen: 42.747 ng

RT: 15.757 min Scan# 2171

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

Tgt Ion: 77 Resp: 1821372

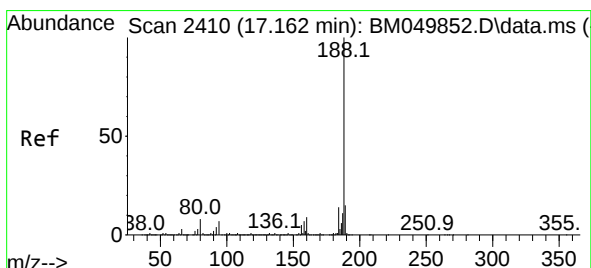
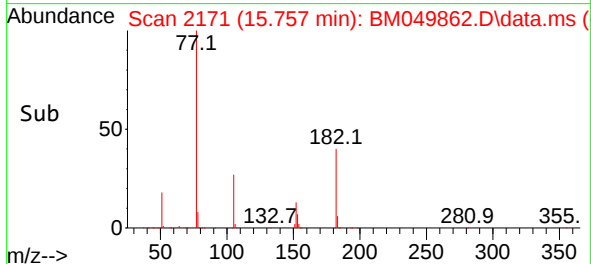
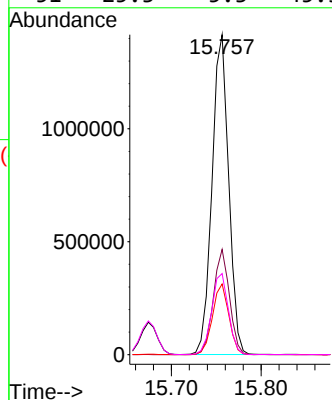
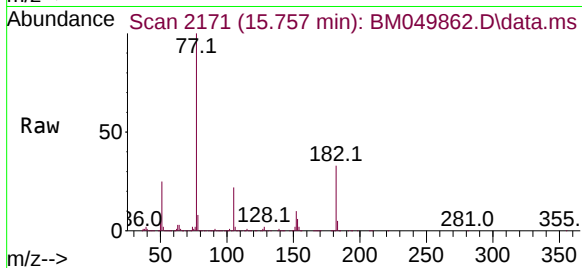
Ion Ratio Lower Upper

77 100

182 32.9 10.4 50.4

105 22.1 1.5 41.5

51 25.3 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: BM049862.D

Acq: 09 Apr 2025 11:06

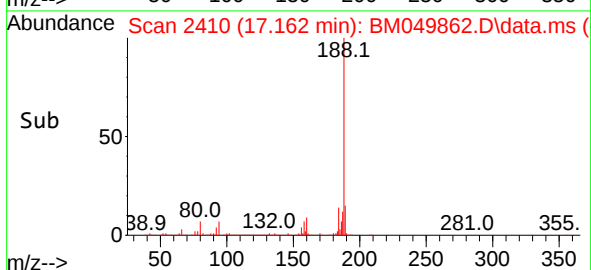
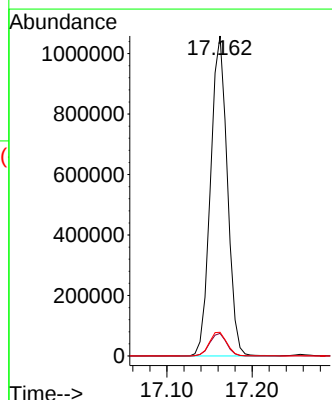
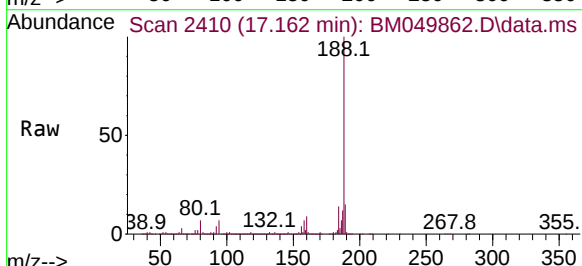
Tgt Ion:188 Resp: 1446565

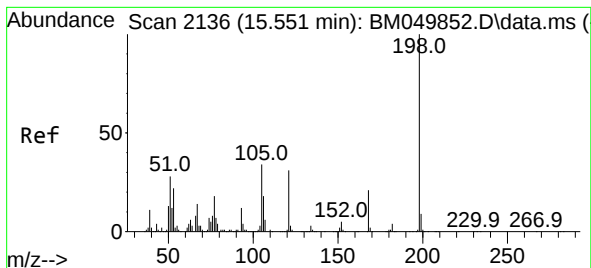
Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 7.4 6.4 9.6

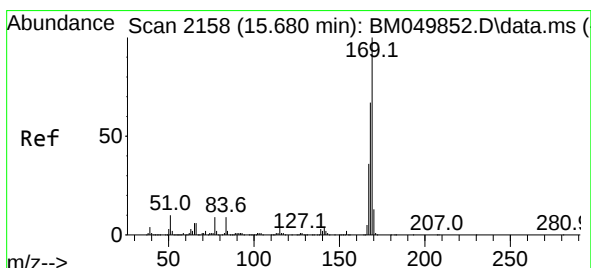
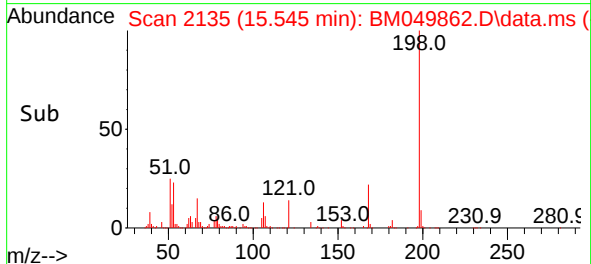
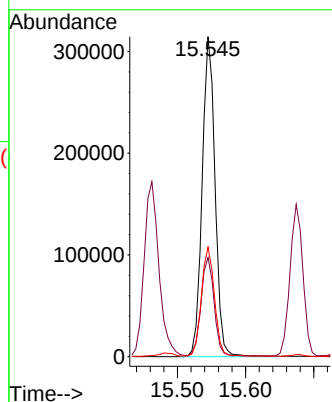
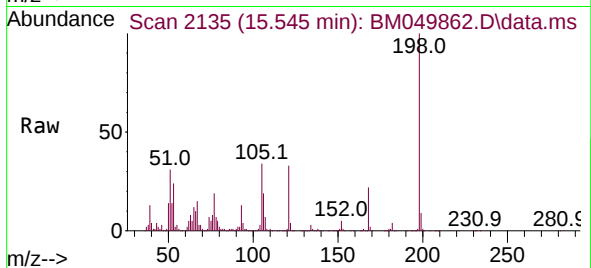




#65
4,6-Dinitro-2-methylphenol
Concen: 45.427 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

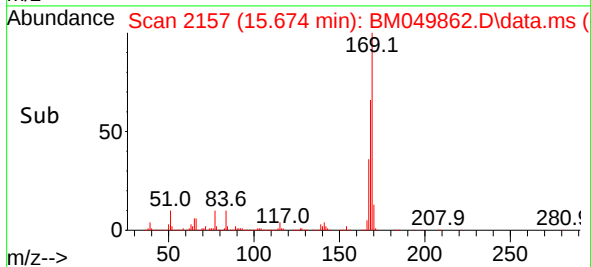
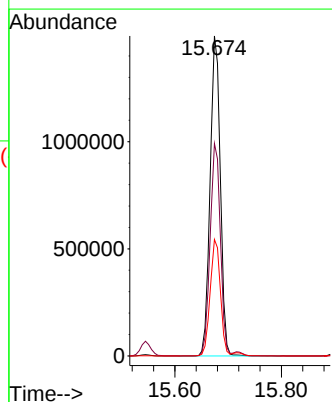
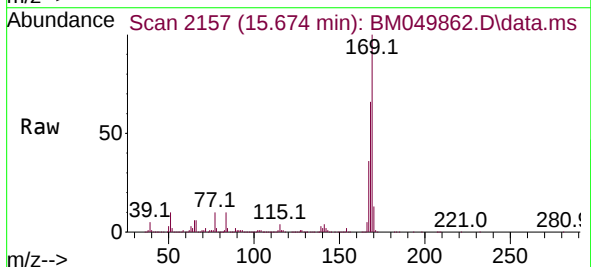
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

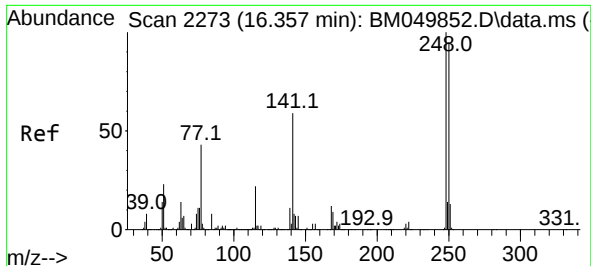
Tgt Ion:198 Resp: 414097
Ion Ratio Lower Upper
198 100
51 30.9 9.6 49.6
105 34.2 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 45.767 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:169 Resp: 1981248
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.4 29.0 43.6

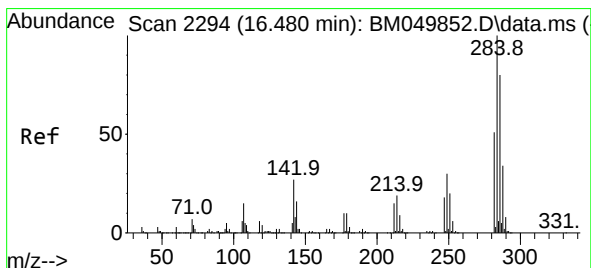
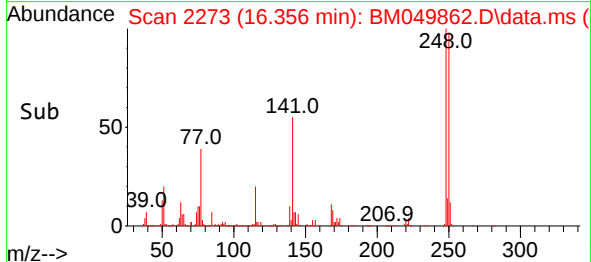
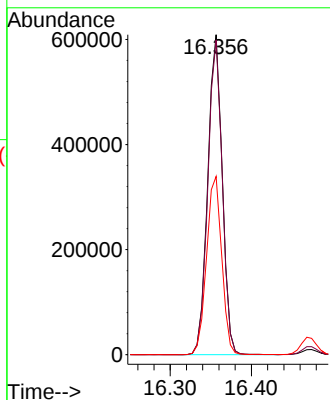
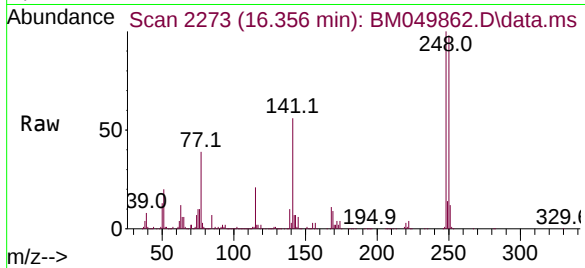




#67
4-Bromophenyl-phenylether
Concen: 44.947 ng
RT: 16.356 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

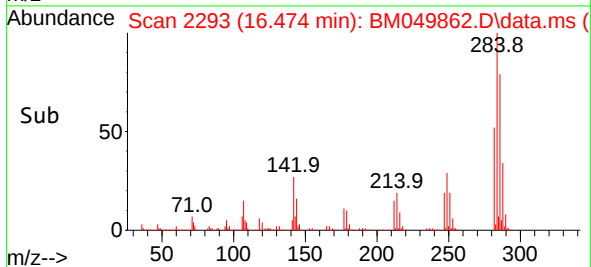
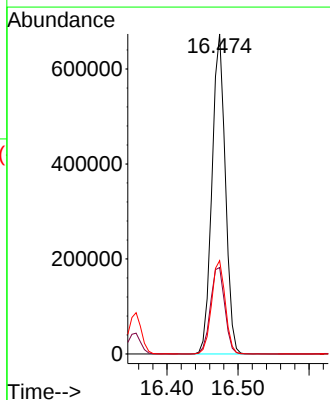
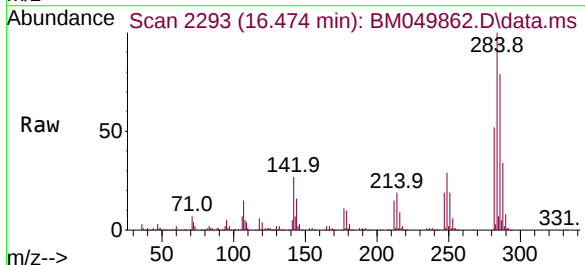
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

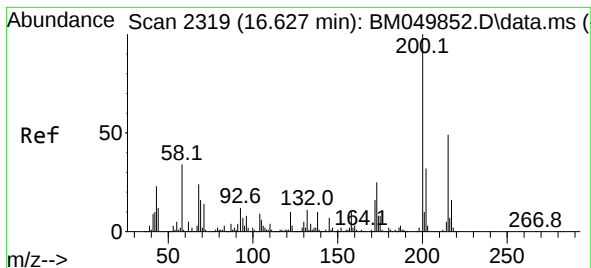
Tgt Ion:248 Resp: 754789
Ion Ratio Lower Upper
248 100
250 98.4 76.2 114.2
141 55.7 47.3 70.9



#68
Hexachlorobenzene
Concen: 45.607 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:284 Resp: 878488
Ion Ratio Lower Upper
284 100
142 27.0 21.2 31.8
249 29.2 24.1 36.1





#69

Atrazine

Concen: 66.004 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

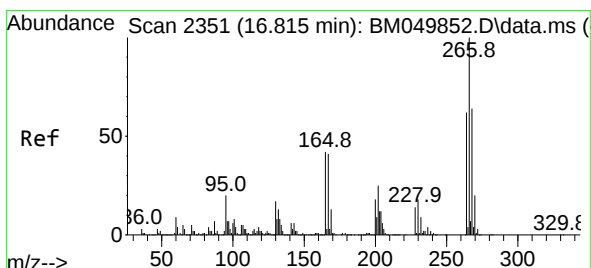
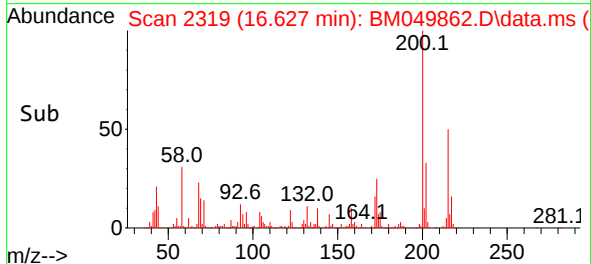
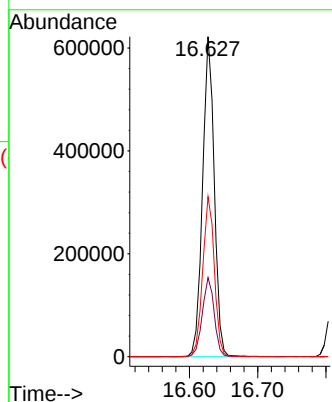
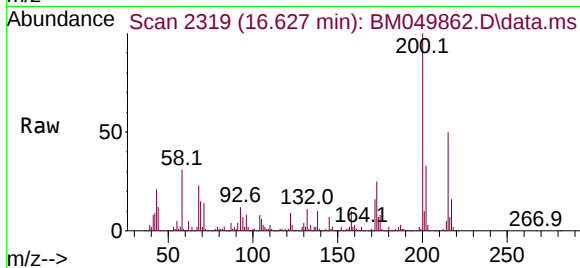
Tgt Ion:200 Resp: 740849

Ion Ratio Lower Upper

200 100

173 24.7 5.4 45.4

215 50.0 29.0 69.0



#70

Pentachlorophenol

Concen: 91.972 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

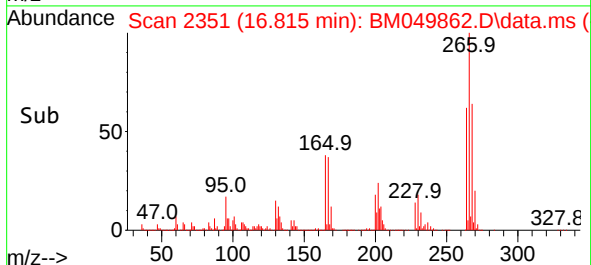
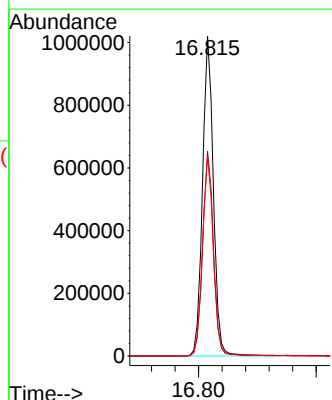
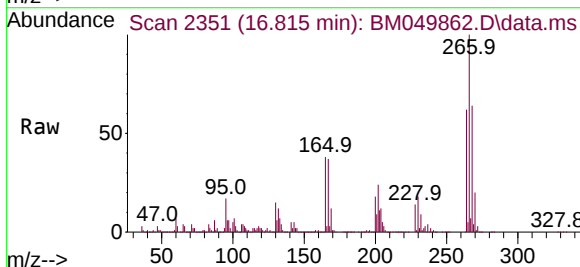
Tgt Ion:266 Resp: 1304253

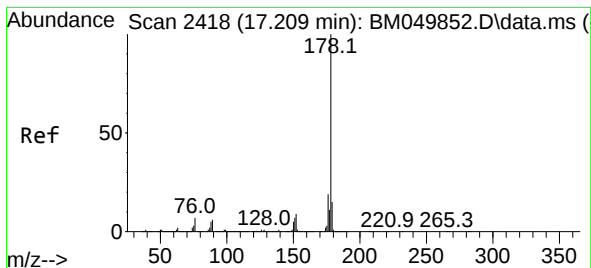
Ion Ratio Lower Upper

266 100

268 64.0 51.4 77.2

264 62.4 49.8 74.8





#71

Phenanthrene

Concen: 45.905 ng

RT: 17.203 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

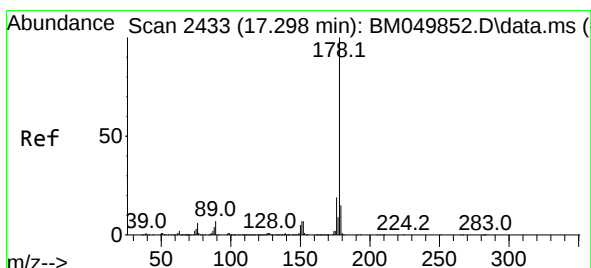
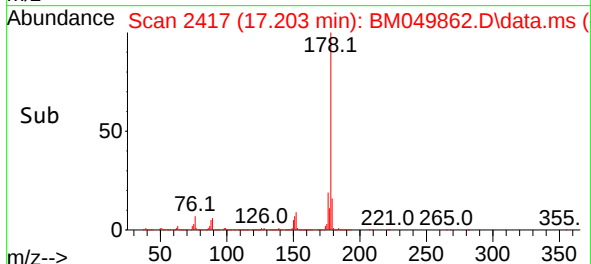
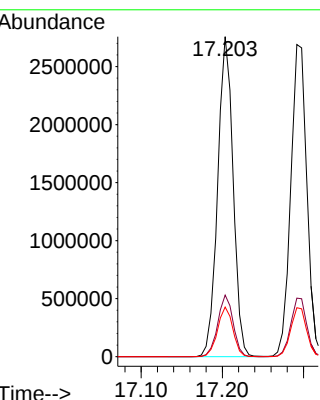
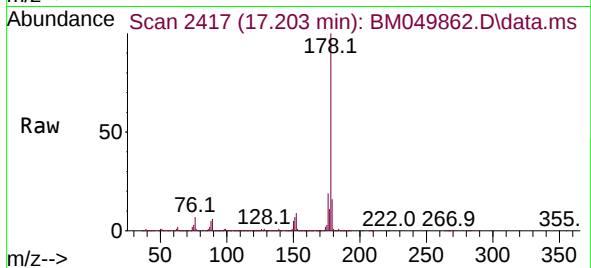
Tgt Ion:178 Resp: 3640568

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 47.636 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

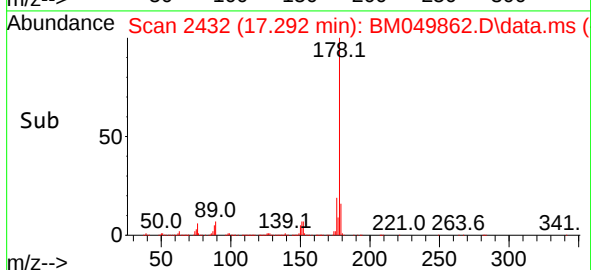
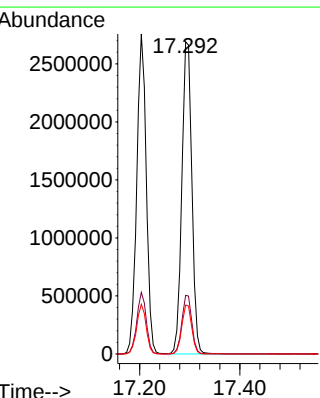
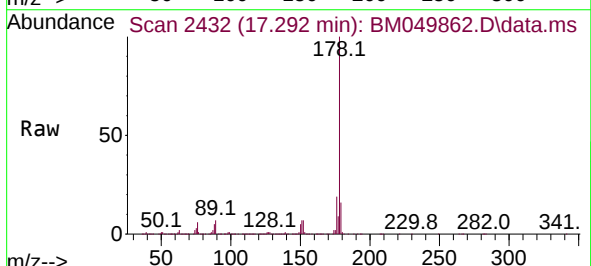
Tgt Ion:178 Resp: 3723016

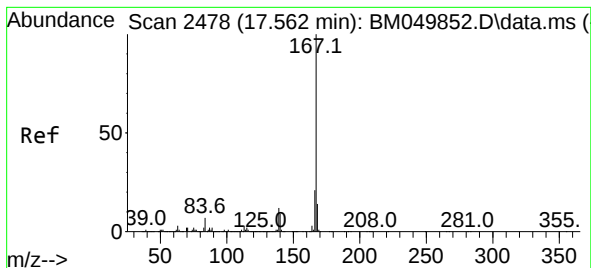
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.7 12.4 18.6





#73

Carbazole

Concen: 46.132 ng

RT: 17.562 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

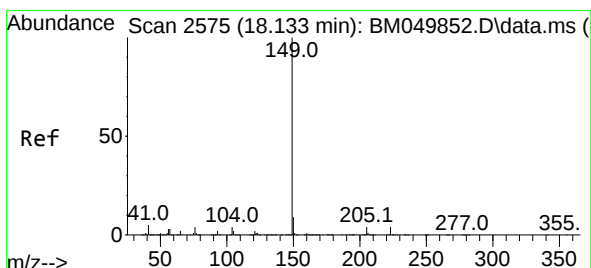
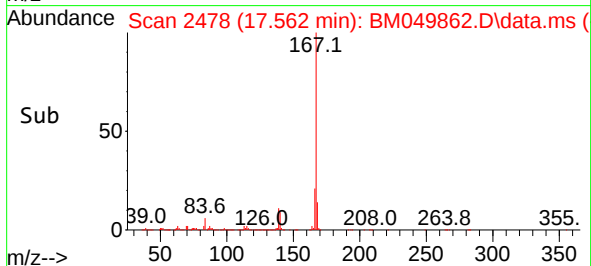
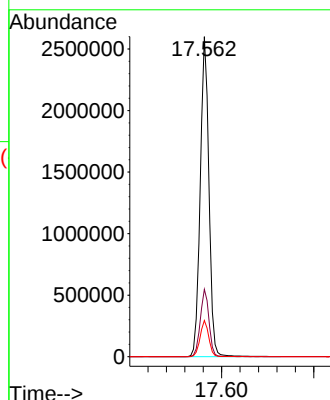
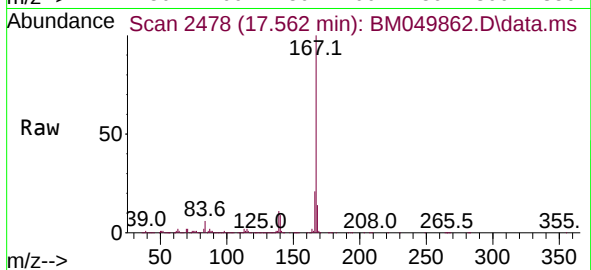
Tgt Ion:167 Resp: 3395893

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 11.3 9.3 13.9



#74

Di-n-butylphthalate

Concen: 44.141 ng

RT: 18.133 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

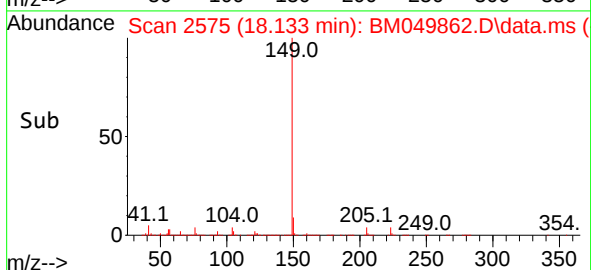
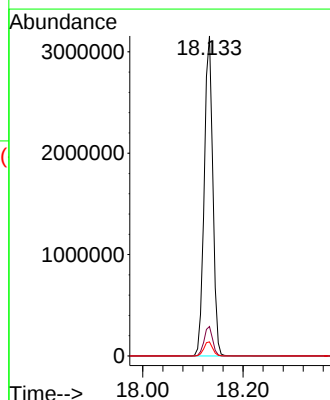
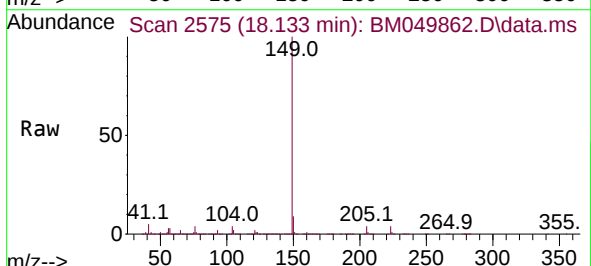
Tgt Ion:149 Resp: 3742613

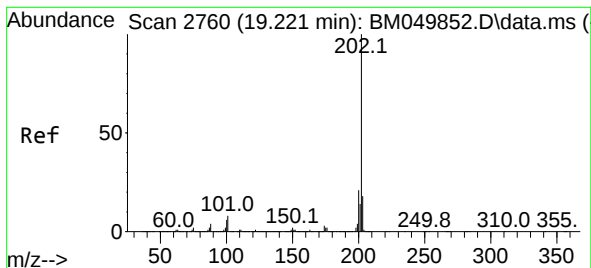
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 44.976 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

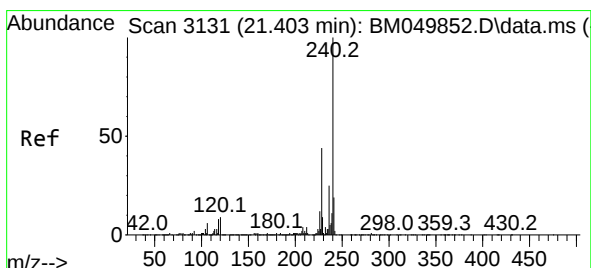
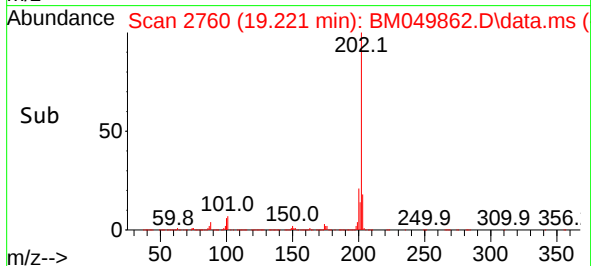
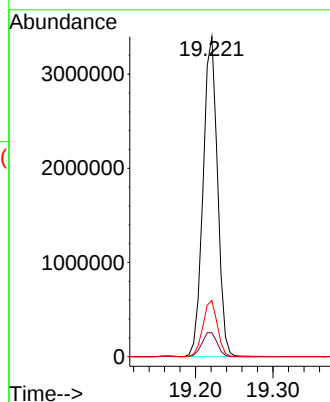
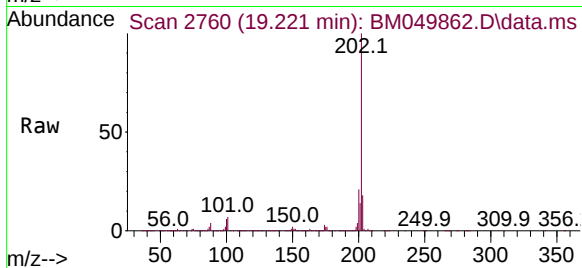
Tgt Ion:202 Resp: 4385651

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.4

203 17.6 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: BM049862.D

Acq: 09 Apr 2025 11:06

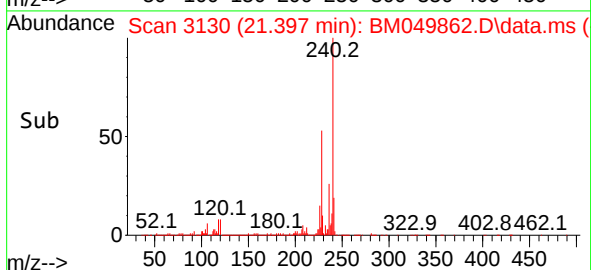
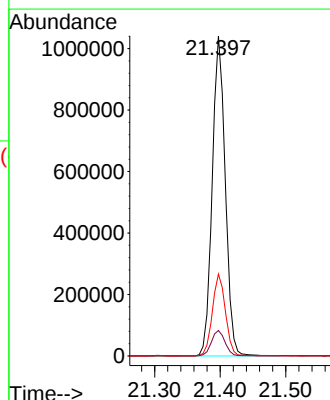
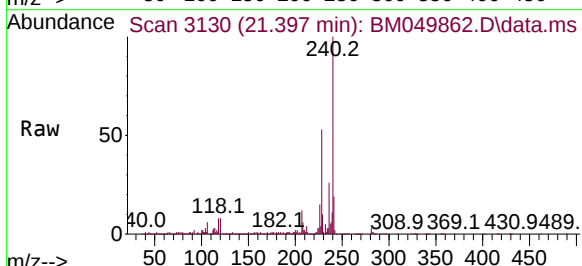
Tgt Ion:240 Resp: 1438522

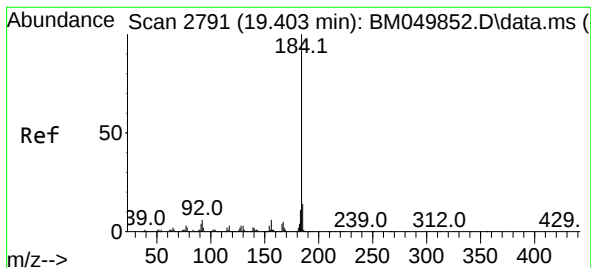
Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

236 25.6 20.4 30.6





#77

Benzidine

Concen: 105.243 ng

RT: 19.403 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

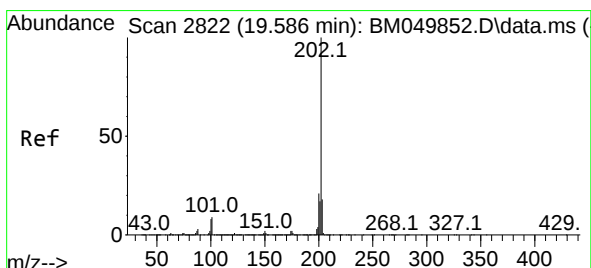
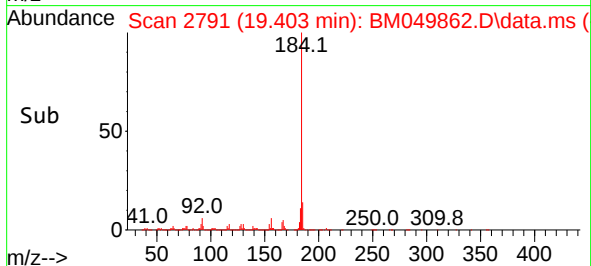
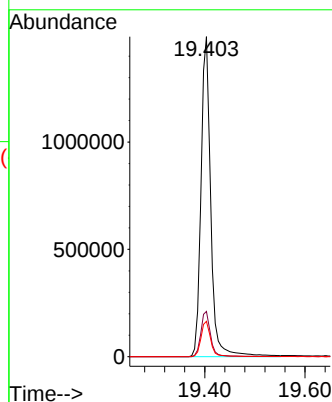
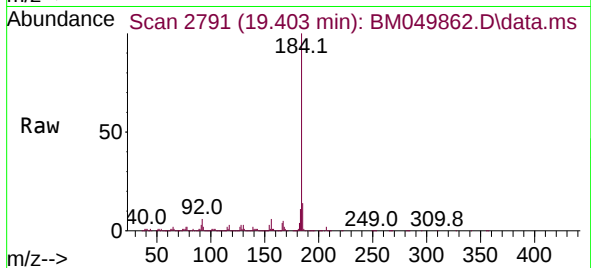
Tgt Ion:184 Resp: 2008454

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.2

183 11.0 8.8 13.2



#78

Pyrene

Concen: 45.858 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

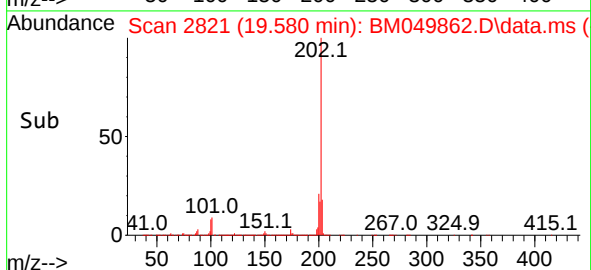
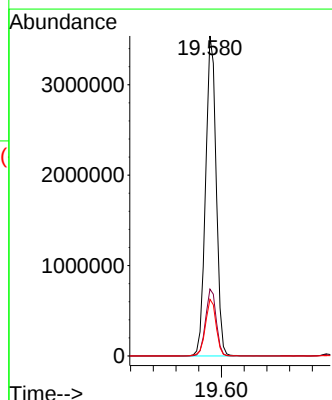
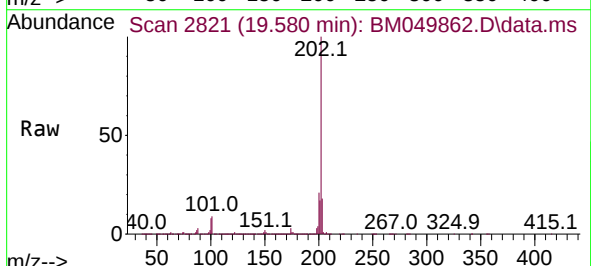
Tgt Ion:202 Resp: 4546344

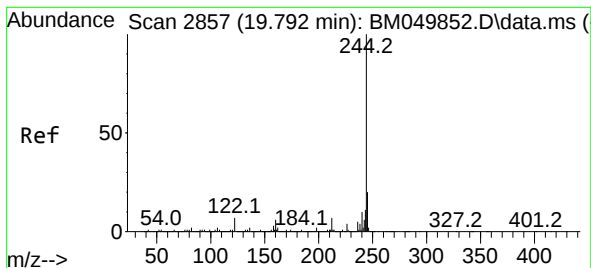
Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 98.593 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

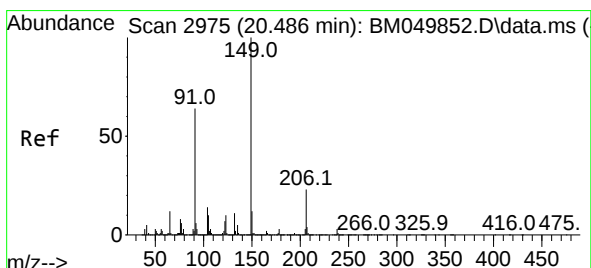
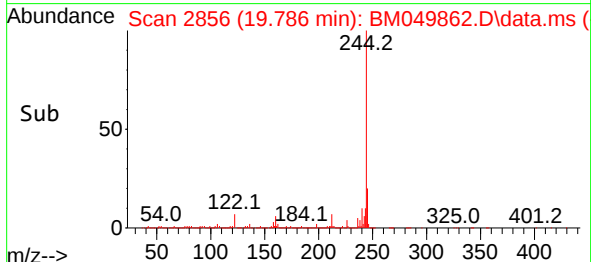
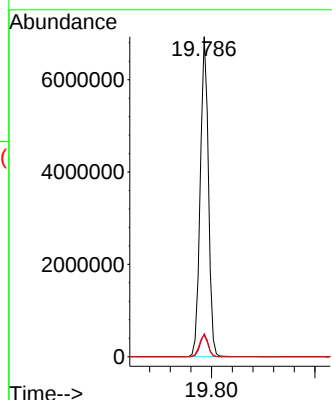
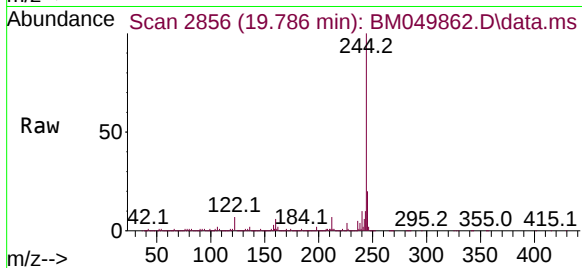
Tgt Ion:244 Resp: 7567987

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 6.7 5.4 8.0



#80

Butylbenzylphthalate

Concen: 44.345 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

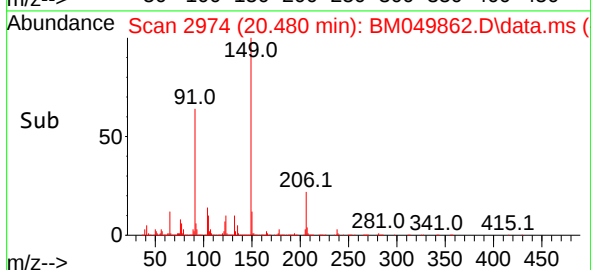
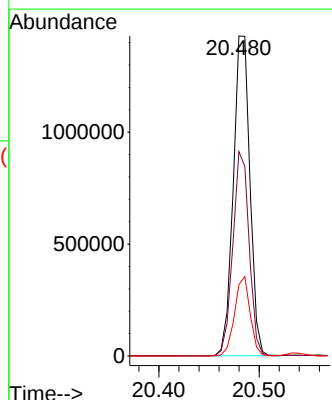
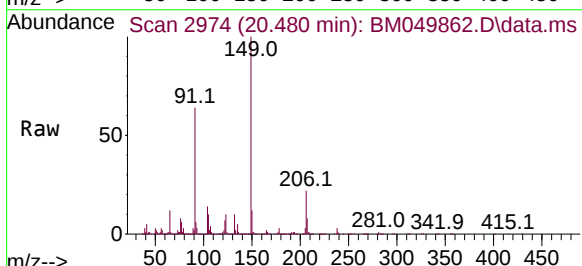
Tgt Ion:149 Resp: 1651961

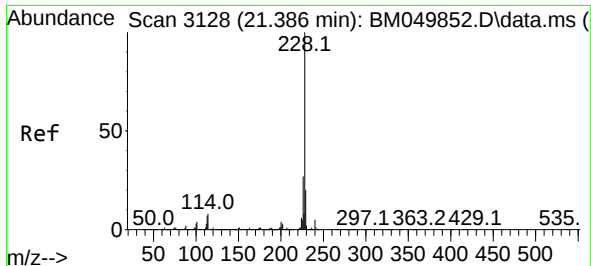
Ion Ratio Lower Upper

149 100

91 63.9 50.9 76.3

206 22.3 18.4 27.6

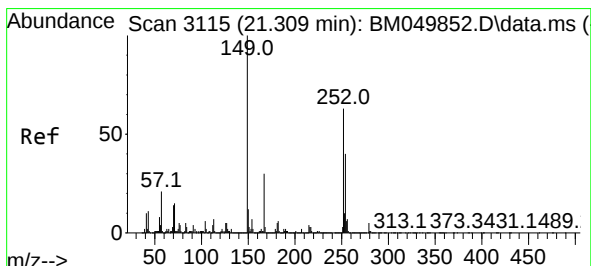
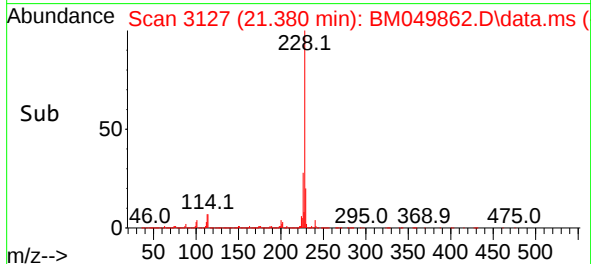
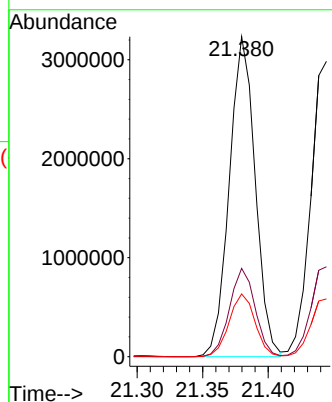
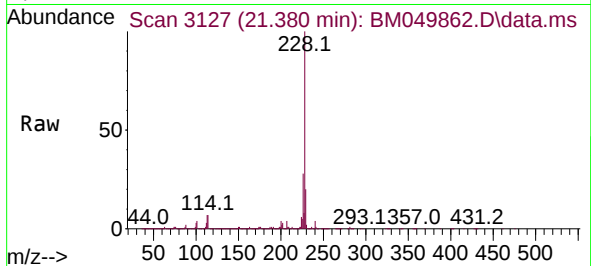




#81
Benzo(a)anthracene
Concen: 46.460 ng
RT: 21.380 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

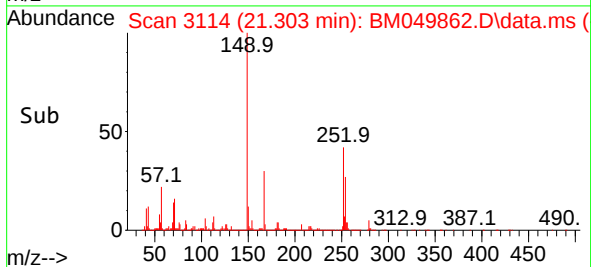
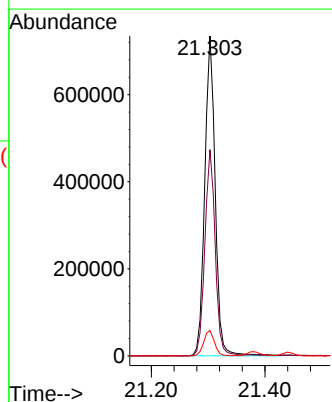
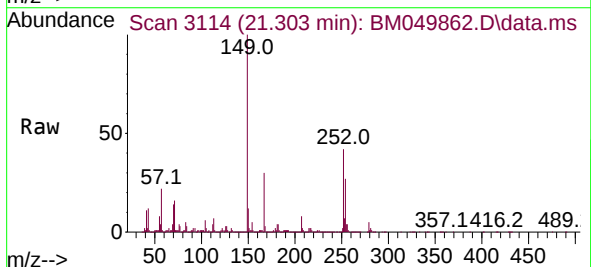
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

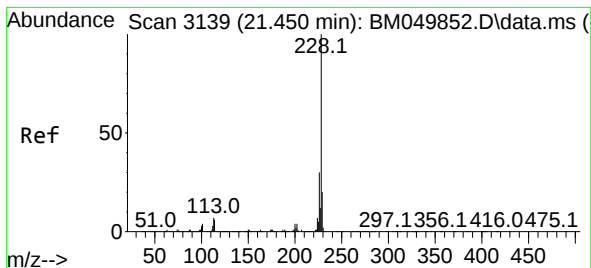
Tgt Ion:228 Resp: 4441714
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 25.897 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:252 Resp: 934995
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 8.0 6.3 9.5





#83

Chrysene

Concen: 45.142 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

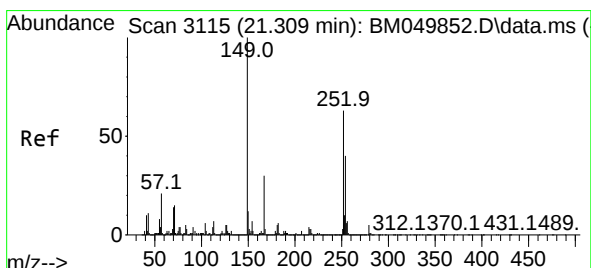
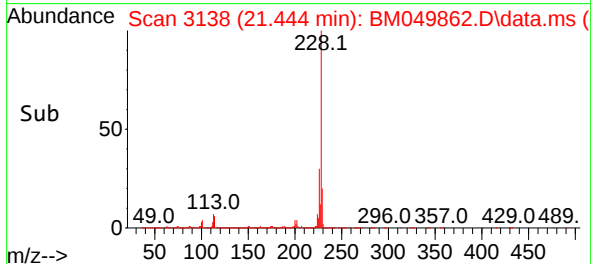
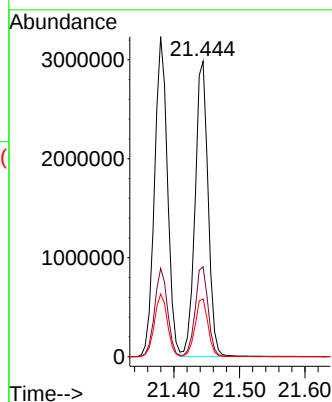
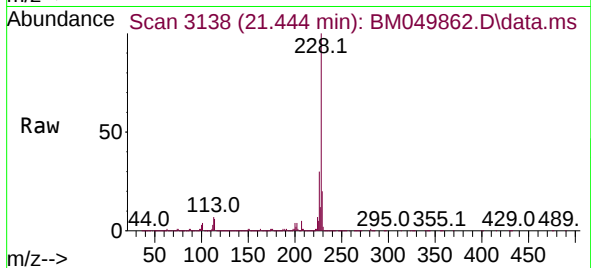
Tgt Ion:228 Resp: 4103005

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.100 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

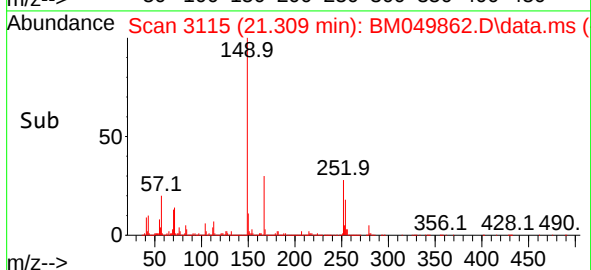
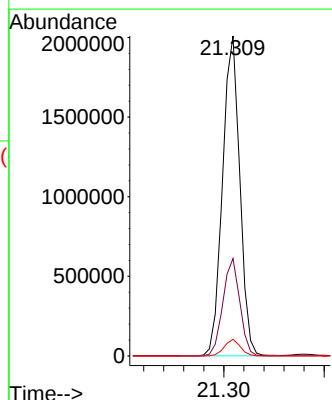
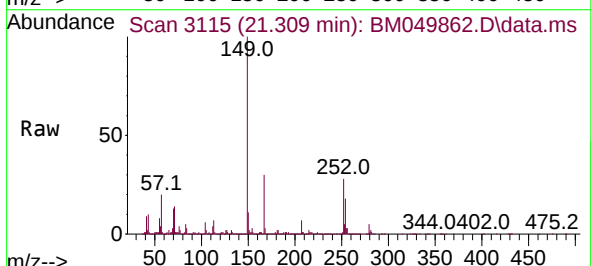
Tgt Ion:149 Resp: 2393538

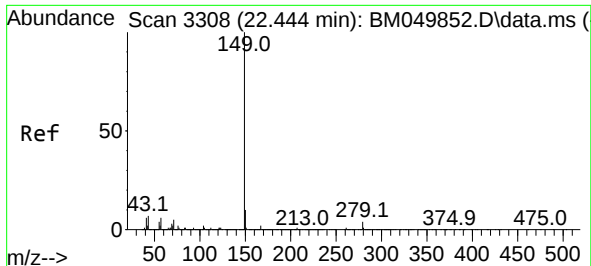
Ion Ratio Lower Upper

149 100

167 30.4 23.8 35.6

279 5.2 3.8 5.8

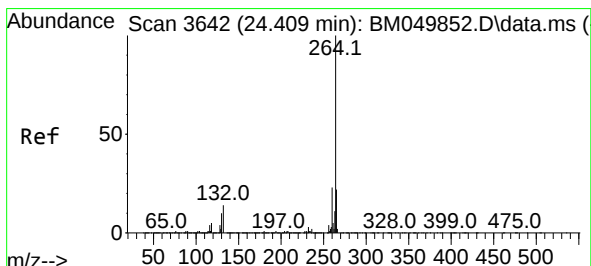
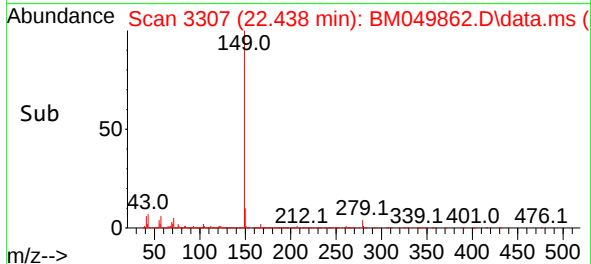
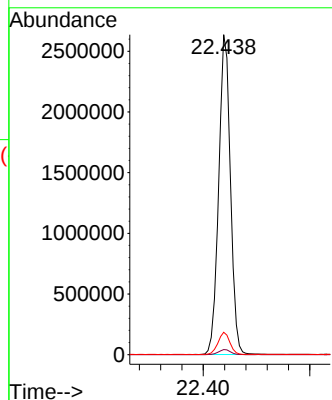
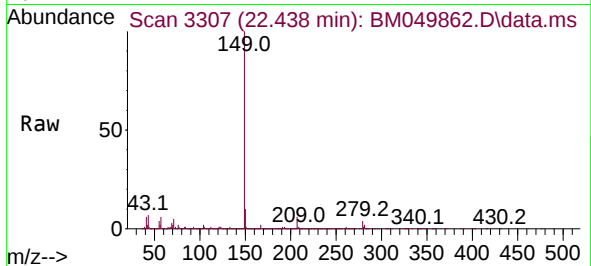




#85
Di-n-octyl phthalate
Concen: 42.286 ng
RT: 22.438 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

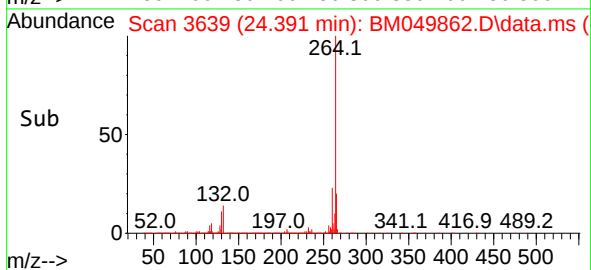
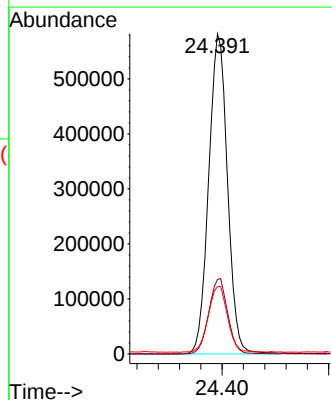
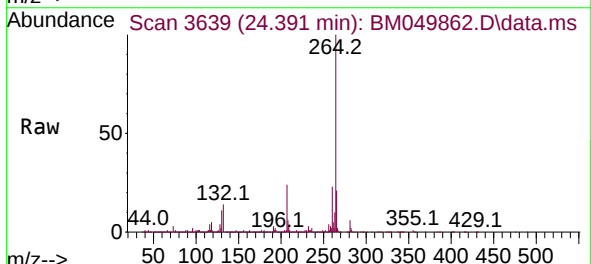
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

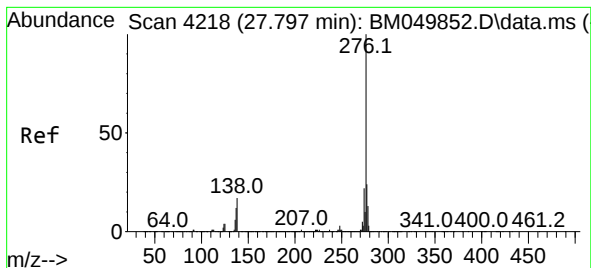
Tgt Ion:149 Resp: 4015047
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:264 Resp: 1424302
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.874 ng

RT: 27.773 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

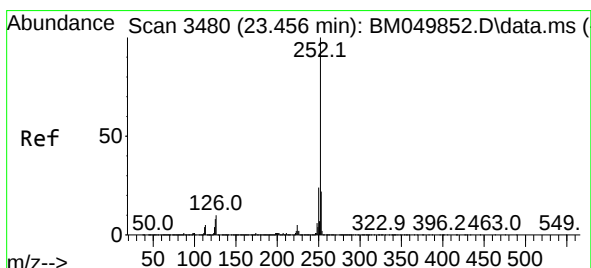
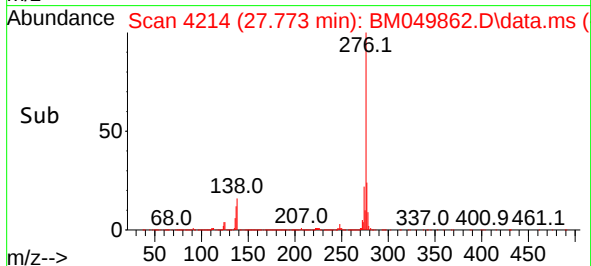
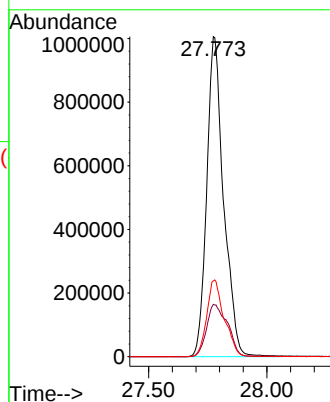
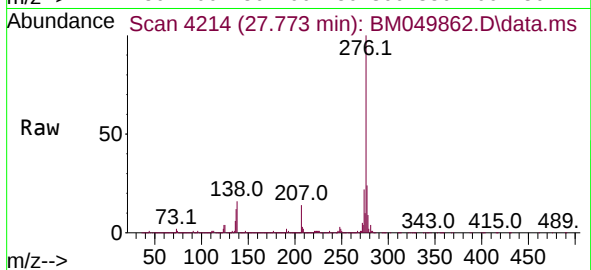
Tgt Ion:276 Resp: 4976589

Ion Ratio Lower Upper

276 100

138 20.2 16.8 25.2

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.967 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

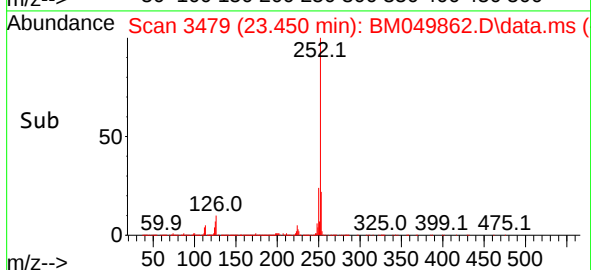
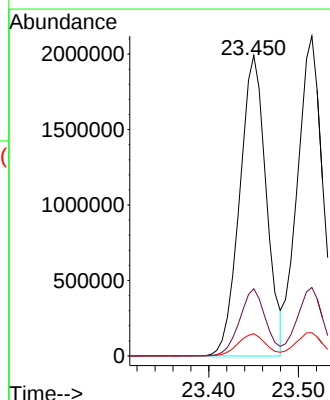
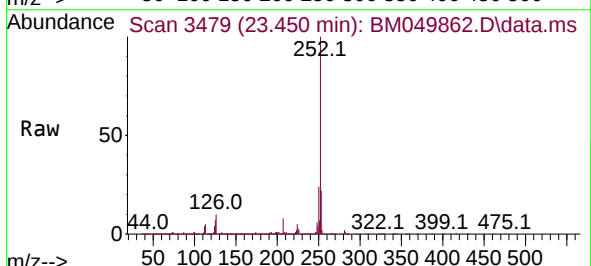
Tgt Ion:252 Resp: 4090414

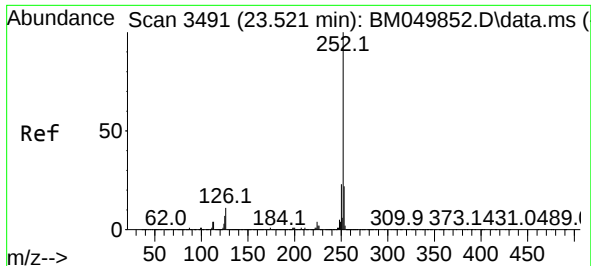
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 7.4 6.2 9.4

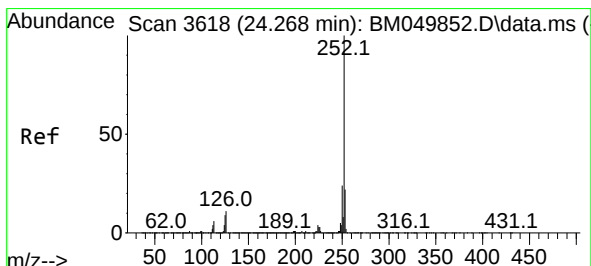
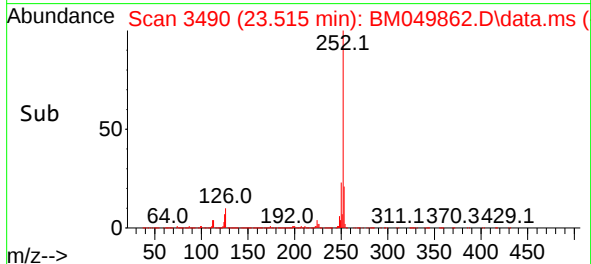
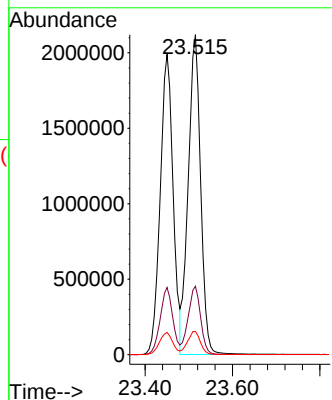
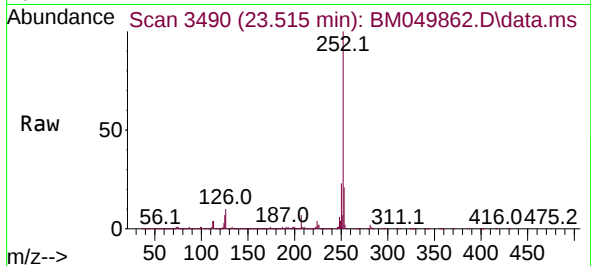




#89
Benzo(k)fluoranthene
Concen: 47.213 ng
RT: 23.515 min Scan# 3491
Delta R.T. -0.006 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

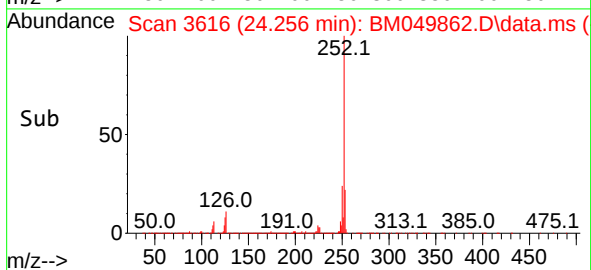
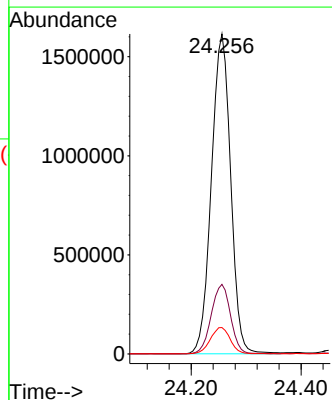
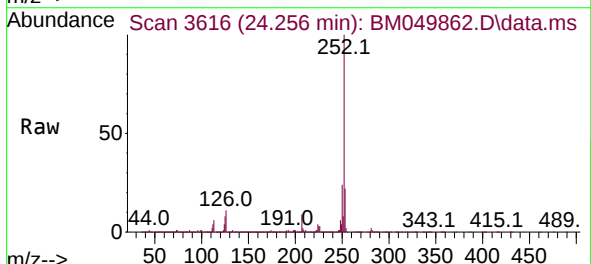
Instrument :
BNA_M
ClientSampleId :
PB167521BSD

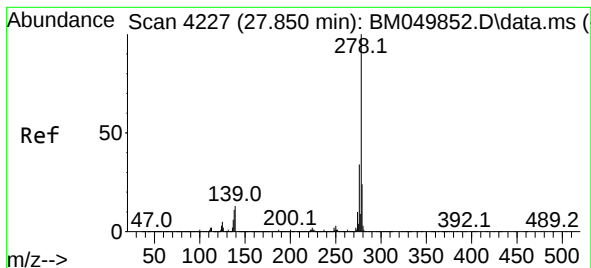
Tgt Ion:252 Resp: 4161896
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 7.2 5.8 8.8



#90
Benzo(a)pyrene
Concen: 49.102 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.012 min
Lab File: BM049862.D
Acq: 09 Apr 2025 11:06

Tgt Ion:252 Resp: 3924916
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.2 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 46.229 ng

RT: 27.832 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Instrument :

BNA_M

ClientSampleId :

PB167521BSD

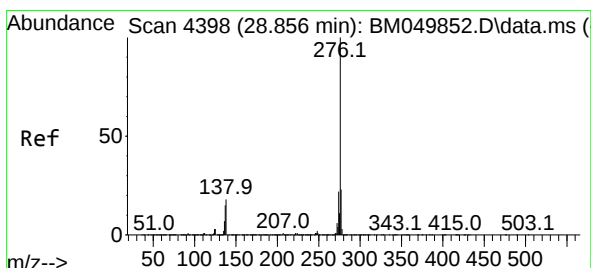
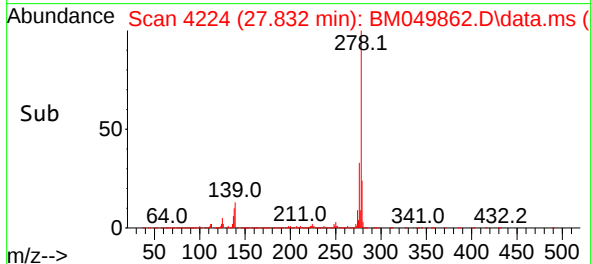
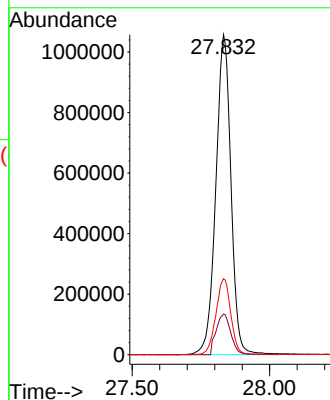
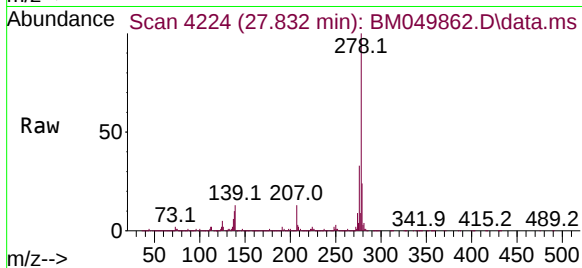
Tgt Ion:278 Resp: 4042770

Ion Ratio Lower Upper

278 100

139 12.7 10.6 15.8

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 44.312 ng

RT: 28.832 min Scan# 4394

Delta R.T. -0.024 min

Lab File: BM049862.D

Acq: 09 Apr 2025 11:06

Tgt Ion:276 Resp: 3959871

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 18.0 14.6 21.8

