

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
 Data File : BM049962.D
 Acq On : 18 Apr 2025 12:23
 Operator : RC/JU
 Sample : PB167631BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167631BS

Quant Time: Apr 18 13:15:39 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	7.769	152	366753	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1178992	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	685468	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1247262	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1185518	20.000	ng	-0.01
86) Perylene-d12	24.386	264	1235014	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2724849	126.161	ng	0.00
7) Phenol-d6	6.951	99	3200436	119.099	ng	0.00
23) Nitrobenzene-d5	8.928	82	1901043	89.789	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1362461	136.651	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	4719139	93.355	ng	-0.02
79) Terphenyl-d14	19.780	244	6659941	105.279	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.258	88	317209	35.662	ng 97
3) Pyridine	3.652	79	887243	37.965	ng 99
4) n-Nitrosodimethylamine	3.563	42	388881	43.725	ng 100
6) Aniline	7.093	93	943343	40.969	ng 99
8) 2-Chlorophenol	7.334	128	965359	43.614	ng 98
9) Benzaldehyde	6.904	77	458105	33.220	ng 99
10) Phenol	6.975	94	1117847	42.628	ng 99
11) bis(2-Chloroethyl)ether	7.193	93	918396	44.660	ng 99
12) 1,3-Dichlorobenzene	7.657	146	1173017	44.826	ng 99
13) 1,4-Dichlorobenzene	7.804	146	1178433	44.755	ng 99
14) 1,2-Dichlorobenzene	8.116	146	1123620	45.306	ng 99
15) Benzyl Alcohol	8.010	79	718990	42.490	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1077327	47.003	ng 98
17) 2-Methylphenol	8.222	107	712481	44.089	ng 99
18) Hexachloroethane	8.845	117	409498	44.701	ng 94
19) n-Nitroso-di-n-propyla...	8.575	70	636157	42.743	ng 100
20) 3+4-Methylphenols	8.545	107	940266	42.678	ng 99
22) Acetophenone	8.587	105	1290646	45.044	ng 99
24) Nitrobenzene	8.969	77	922945	45.271	ng 98
25) Isophorone	9.492	82	1672759	47.162	ng 99
26) 2-Nitrophenol	9.675	139	490528	45.396	ng 99
27) 2,4-Dimethylphenol	9.745	122	776520	63.412	ng 99
28) bis(2-Chloroethoxy)met...	9.975	93	1071314	45.117	ng 99
29) 2,4-Dichlorophenol	10.222	162	878817	43.173	ng 99
30) 1,2,4-Trichlorobenzene	10.428	180	1091639	46.357	ng 98
31) Naphthalene	10.610	128	2639796	43.574	ng 99
32) Benzoic acid	9.898	122	464976m	33.722	ng
33) 4-Chloroaniline	10.728	127	461368	21.567	ng 98
34) Hexachlorobutadiene	10.898	225	702445	48.224	ng 98
35) Caprolactam	11.510	113	221180	37.885	ng 97
36) 4-Chloro-3-methylphenol	11.863	107	738989	41.445	ng 98
37) 2-Methylnaphthalene	12.228	142	1681386	39.392	ng 99
38) 1-Methylnaphthalene	12.445	142	1742323	41.899	ng 99
40) 1,2,4,5-Tetrachloroben...	12.598	216	1174119	48.961	ng 98
41) Hexachlorocyclopentadiene	12.580	237	1578571	187.857	ng 100
43) 2,4,6-Trichlorophenol	12.845	196	715246	46.871	ng 98

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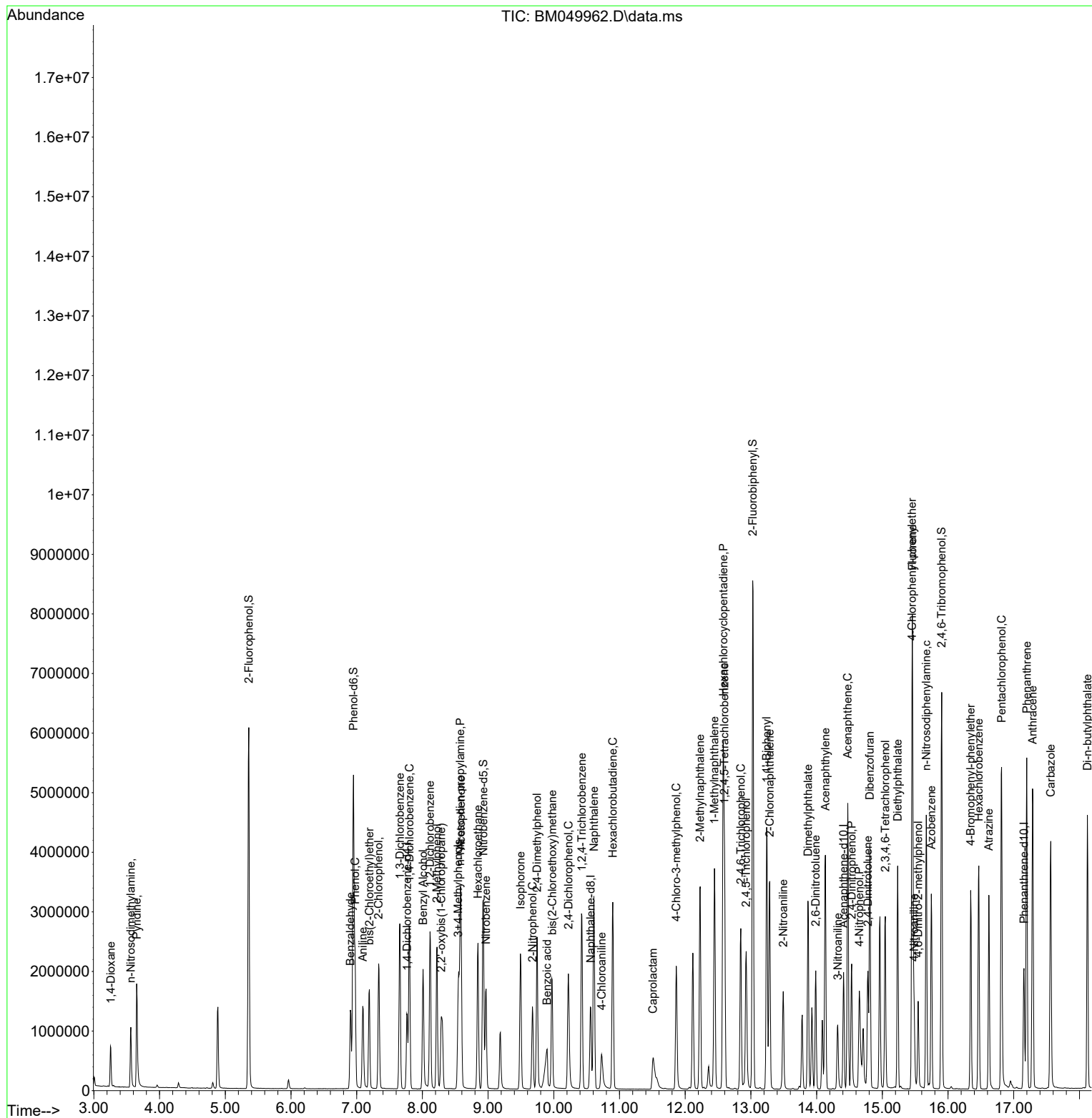
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	764571	46.106	ng	99
46) 1,1'-Biphenyl	13.239	154	2373792	46.586	ng	99
47) 2-Chloronaphthalene	13.286	162	1867730	46.635	ng	99
48) 2-Nitroaniline	13.492	65	428767	46.276	ng	97
49) Acenaphthylene	14.133	152	2872721	49.242	ng	99
50) Dimethylphthalate	13.869	163	2149565	44.450	ng	100
51) 2,6-Dinitrotoluene	13.986	165	465961	45.990	ng	99
52) Acenaphthene	14.474	154	1665854	44.891	ng	99
53) 3-Nitroaniline	14.322	138	330855	33.787	ng	94
54) 2,4-Dinitrophenol	14.533	184	573293	78.303	ng	96
55) Dibenzofuran	14.810	168	2687992	43.330	ng	100
56) 4-Nitrophenol	14.651	139	741501	84.973	ng	99
57) 2,4-Dinitrotoluene	14.780	165	648492	47.977	ng	97
58) Fluorene	15.457	166	2205046	44.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	637571	43.866	ng	97
60) Diethylphthalate	15.233	149	1983867	42.778	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1202038	45.468	ng	99
62) 4-Nitroaniline	15.486	138	436534	43.107	ng	100
63) Azobenzene	15.745	77	1707887	43.015	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	367623	46.773	ng	98
66) n-Nitrosodiphenylamine	15.669	169	1838456	49.254	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	707992	48.897	ng	97
68) Hexachlorobenzene	16.468	284	820507	49.404	ng	99
69) Atrazine	16.621	200	630842	65.184	ng	97
70) Pentachlorophenol	16.815	266	1091956	89.306	ng	99
71) Phenanthrene	17.198	178	3291108	48.130	ng	100
72) Anthracene	17.286	178	3353756	49.769	ng	100
73) Carbazole	17.563	167	2924409	46.075	ng	99
74) Di-n-butylphthalate	18.121	149	3277994	44.839	ng	100
75) Fluoranthene	19.215	202	3845602	45.740	ng	99
77) Benzidine	19.404	184	1743222	110.839	ng	99
78) Pyrene	19.574	202	3960509	48.474	ng	99
80) Butylbenzylphthalate	20.474	149	1417531	46.173	ng	97
81) Benzo(a)anthracene	21.374	228	3884589	49.304	ng	99
82) 3,3'-Dichlorobenzidine	21.298	252	977788	32.862	ng	99
83) Chrysene	21.439	228	3554198	47.449	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	2034054	45.475	ng	99
85) Di-n-octyl phthalate	22.427	149	3456968	44.178	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	4752974	51.629	ng	99
88) Benzo(b)fluoranthene	23.444	252	3744940	47.479	ng	100
89) Benzo(k)fluoranthene	23.509	252	3809784	49.843	ng	100
90) Benzo(a)pyrene	24.250	252	3621161	52.245	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	3873761	51.086	ng	99
92) Benzo(g,h,i)perylene	28.832	276	3757194	48.488	ng	99

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

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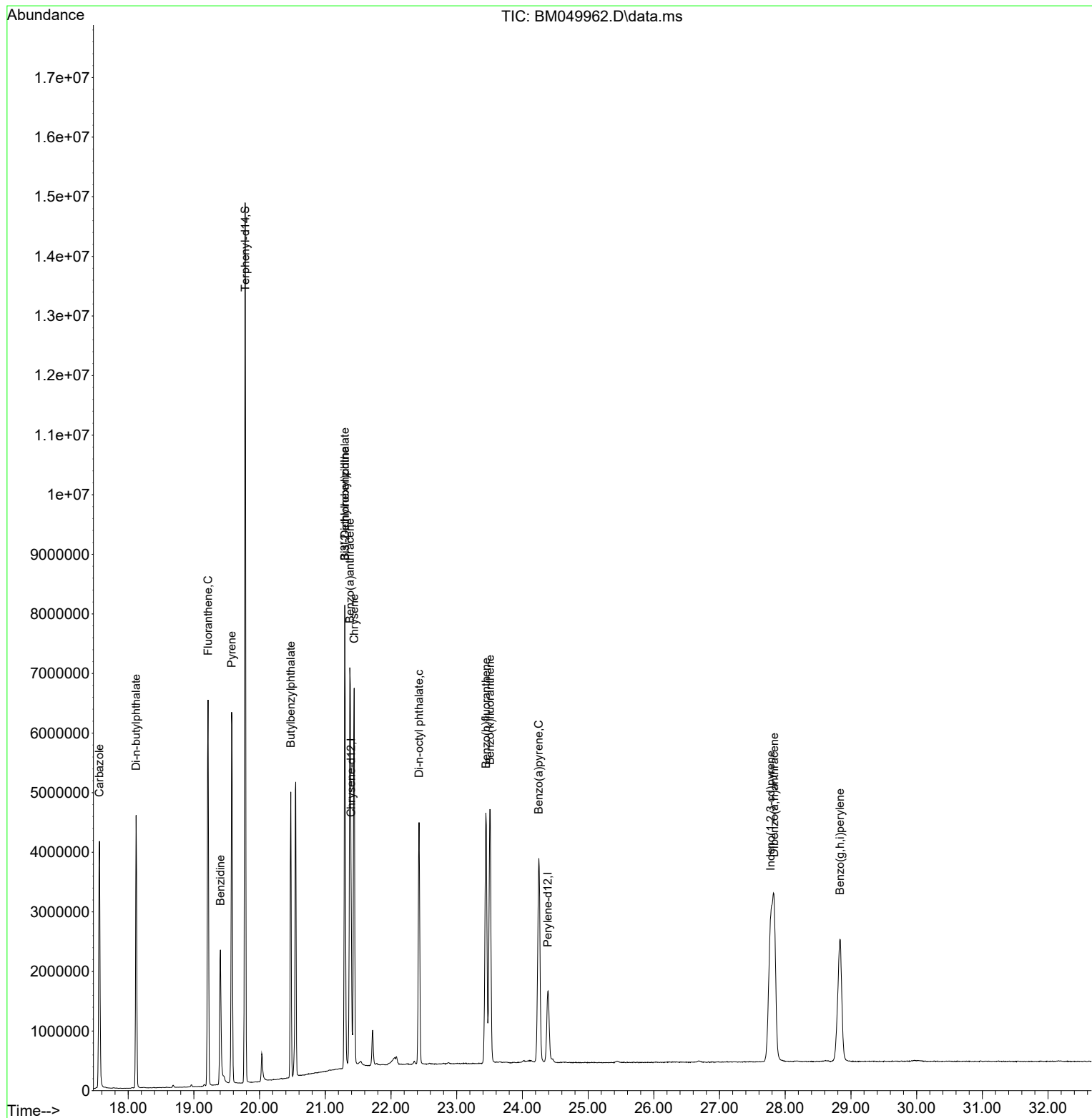
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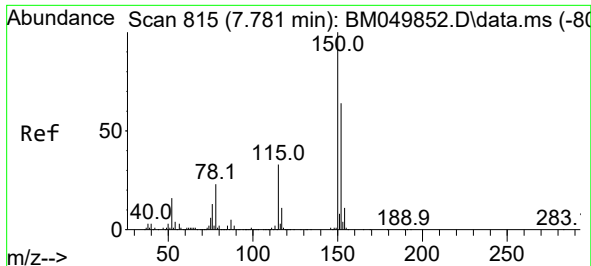


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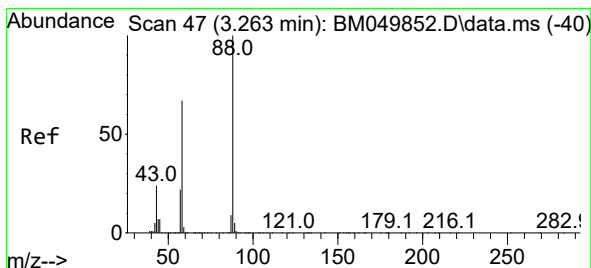
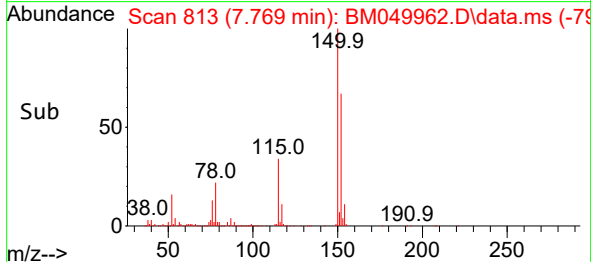
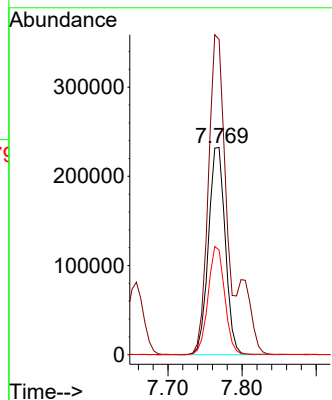
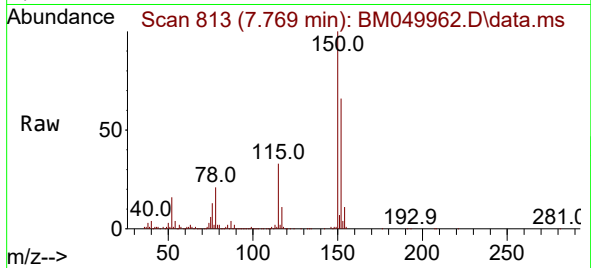




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM049962.D
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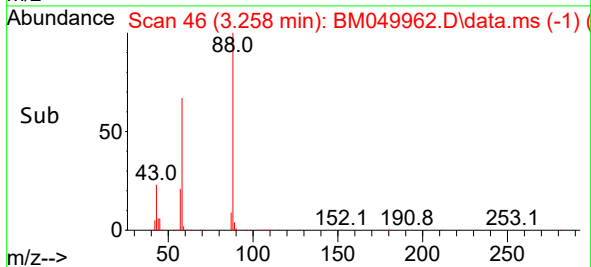
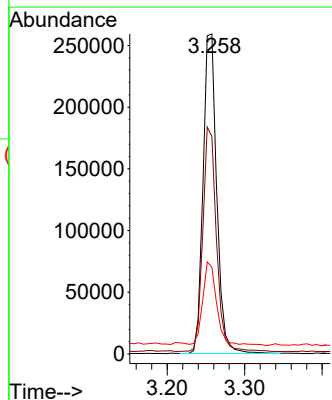
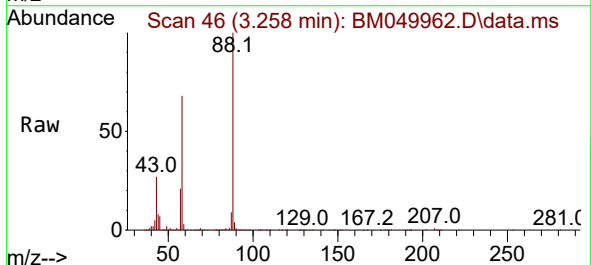
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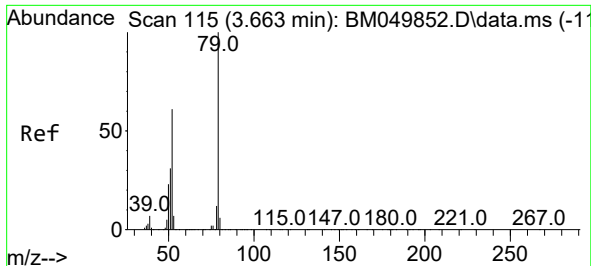
Tgt Ion:152 Resp: 366753
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.3 186.5
 115 50.5 41.1 61.7



#2
 1,4-Dioxane
 Concen: 35.662 ng
 RT: 3.258 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049962.D
 Acq: 18 Apr 2025 12:23

Tgt Ion: 88 Resp: 317209
 Ion Ratio Lower Upper
 88 100
 58 69.8 54.1 81.1
 43 27.1 20.2 30.4

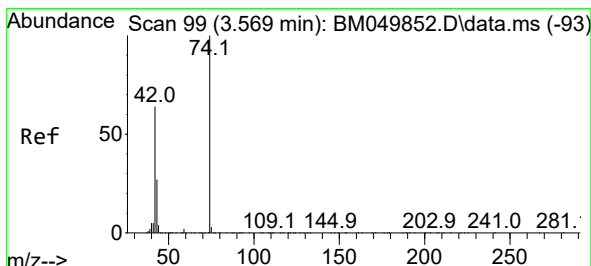
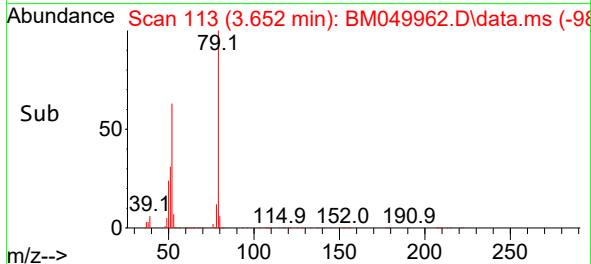
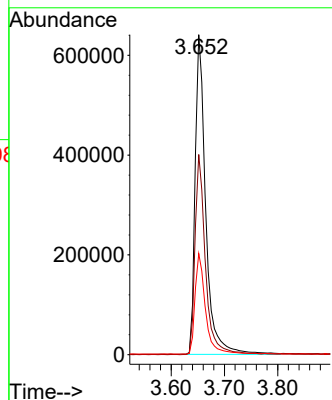
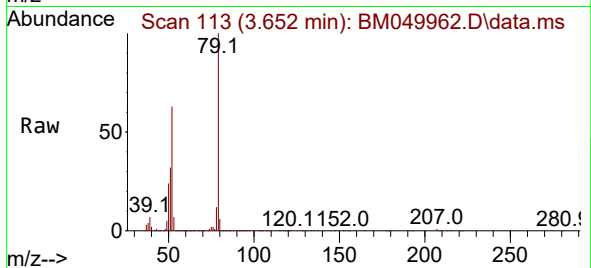




#3
Pyridine
Concen: 37.965 ng
RT: 3.652 min Scan# 115
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

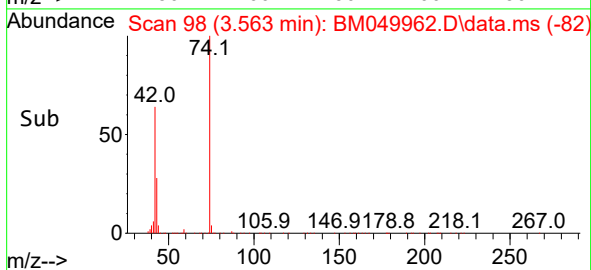
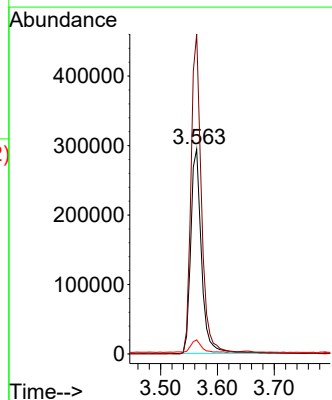
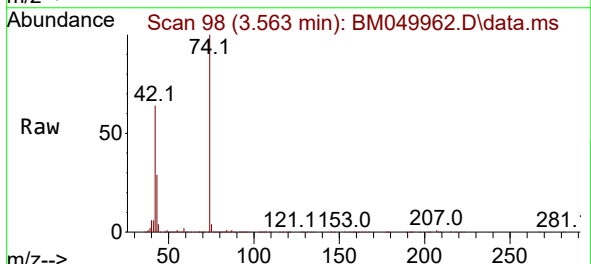
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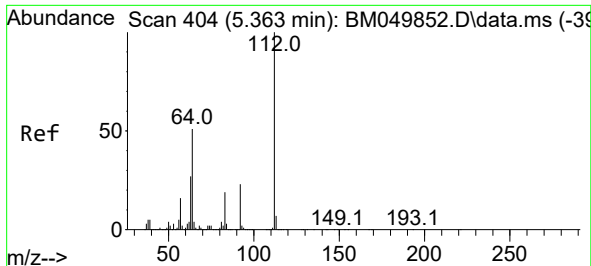
Tgt Ion: 79 Resp: 887243
Ion Ratio Lower Upper
79 100
52 62.6 48.9 73.3
51 31.6 25.0 37.6



#4
n-Nitrosodimethylamine
Concen: 43.725 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion: 42 Resp: 388881
Ion Ratio Lower Upper
42 100
74 156.2 125.4 188.2
44 6.9 5.9 8.9

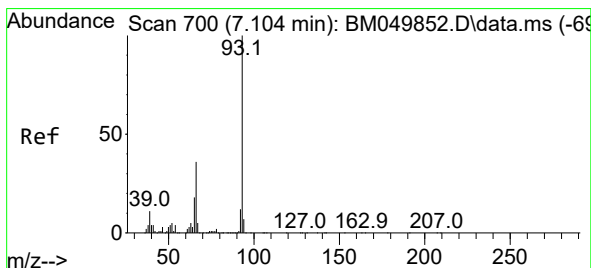
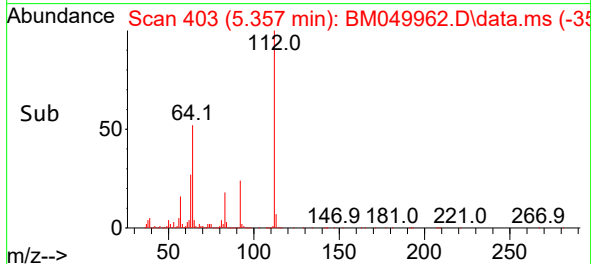
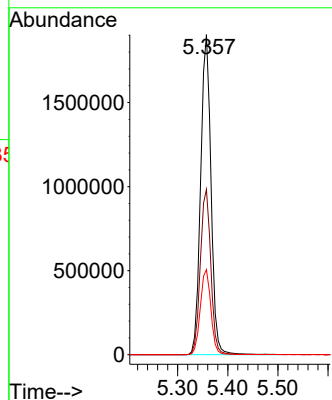
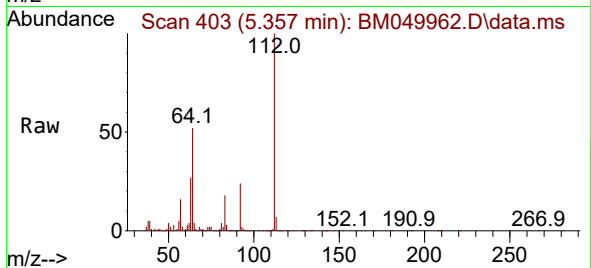




#5
2-Fluorophenol
Concen: 126.161 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049962.D
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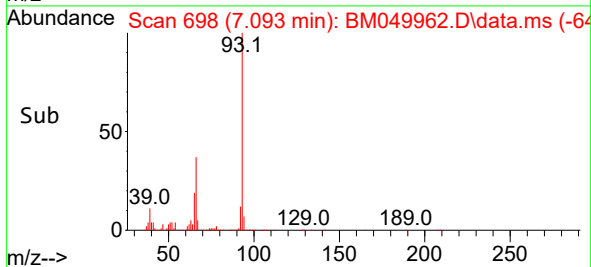
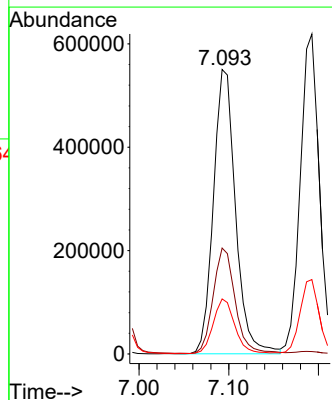
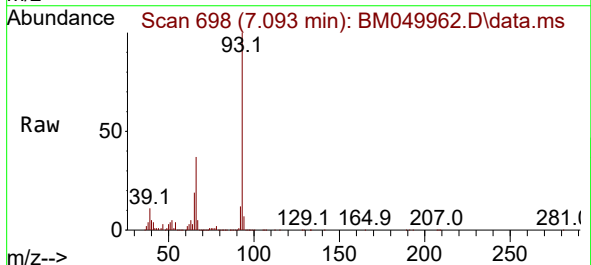
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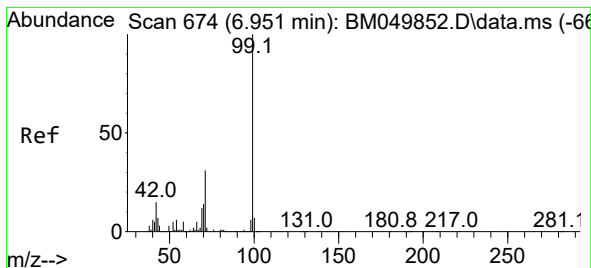
Tgt Ion:112 Resp: 2724849
Ion Ratio Lower Upper
112 100
64 51.7 41.0 61.6
63 26.6 21.5 32.3



#6
Aniline
Concen: 40.969 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion: 93 Resp: 943343
Ion Ratio Lower Upper
93 100
66 37.2 29.1 43.7
65 19.4 14.9 22.3

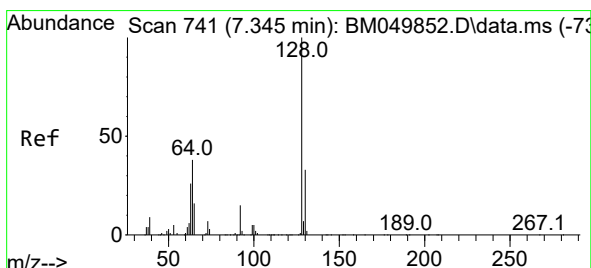
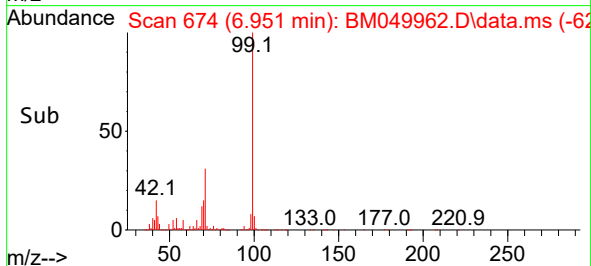
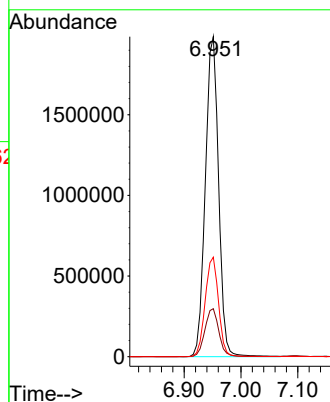
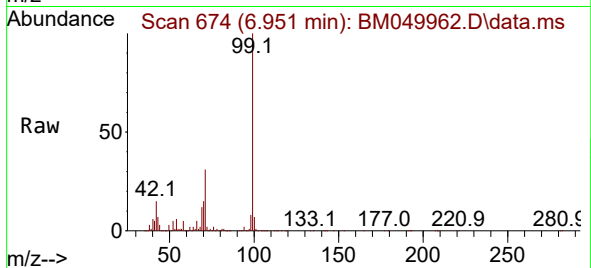




#7
Phenol-d6
Concen: 119.099 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049962.D
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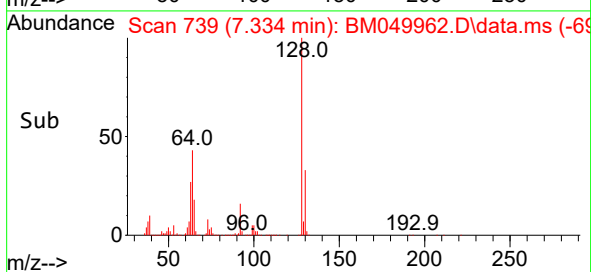
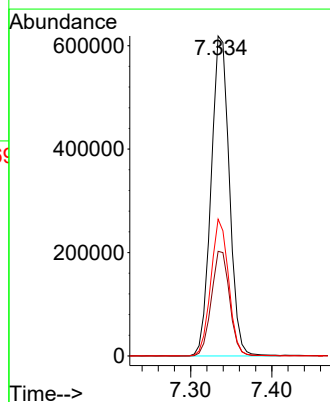
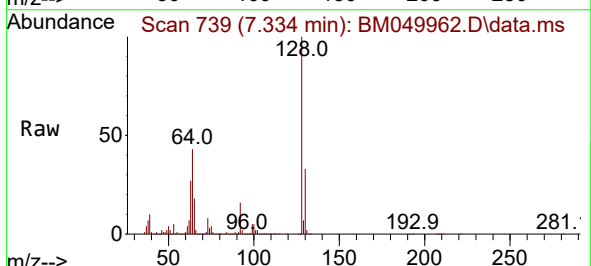
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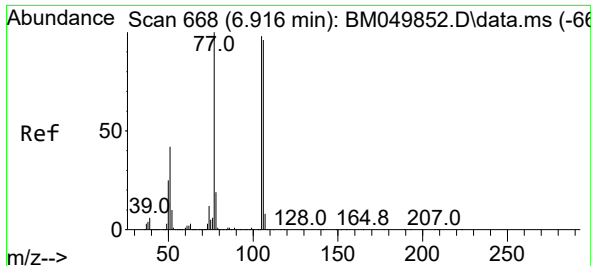
Tgt Ion: 99 Resp: 3200436
Ion Ratio Lower Upper
99 100
42 15.0 12.1 18.1
71 31.1 24.9 37.3



#8
2-Chlorophenol
Concen: 43.614 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:128 Resp: 965359
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 42.7 21.1 61.1

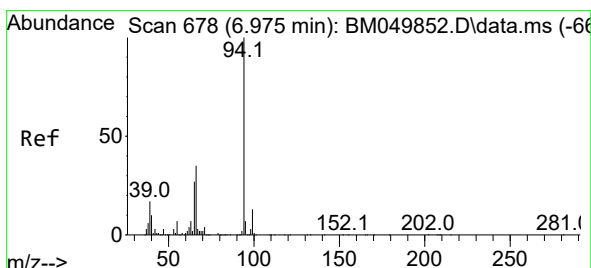
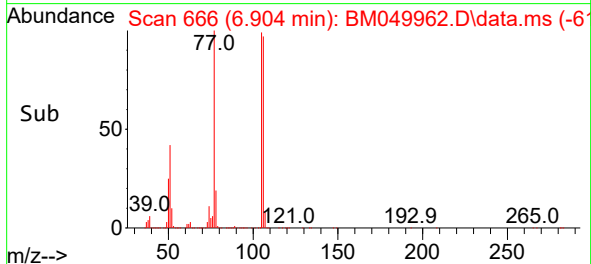
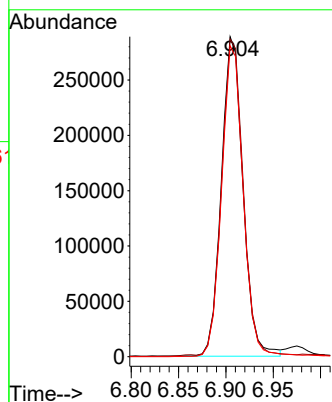
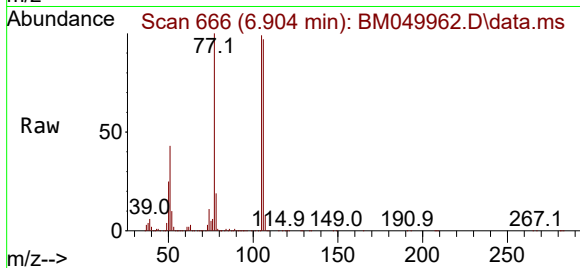




#9
Benzaldehyde
Concen: 33.220 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.012 min
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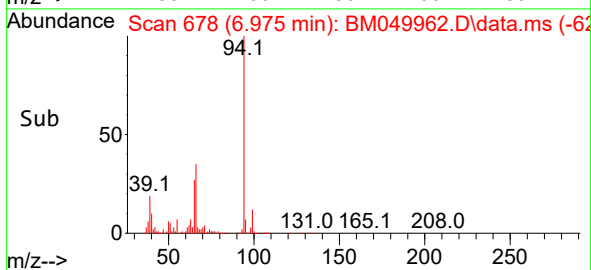
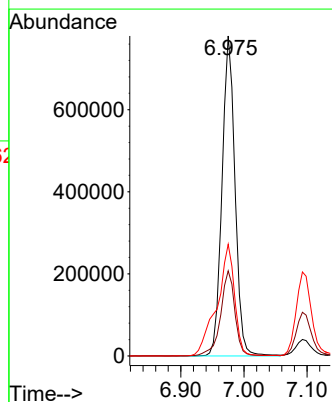
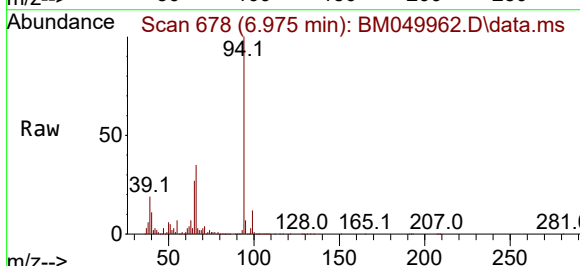
Instrument :
BNA_M
ClientSampleId :
PB167631BS

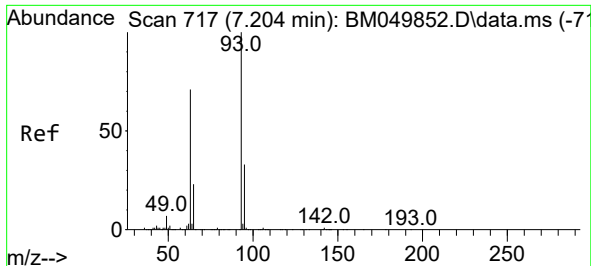
Tgt Ion: 77 Resp: 458105
Ion Ratio Lower Upper
77 100
105 99.2 78.3 118.3
106 97.2 76.0 116.0



#10
Phenol
Concen: 42.628 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion: 94 Resp: 1117847
Ion Ratio Lower Upper
94 100
65 26.6 7.3 47.3
66 34.9 14.8 54.8

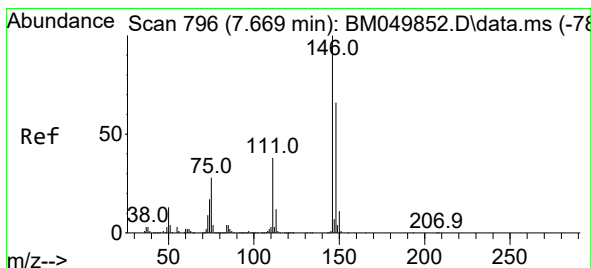
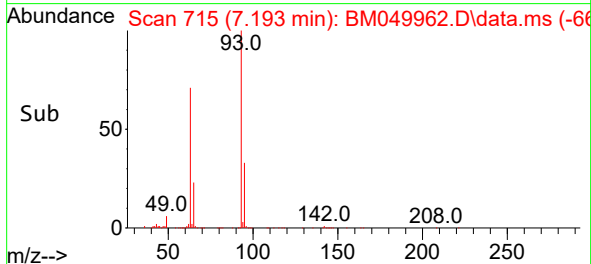
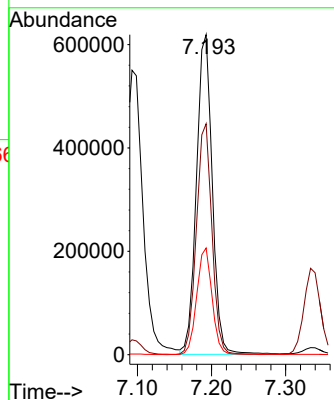
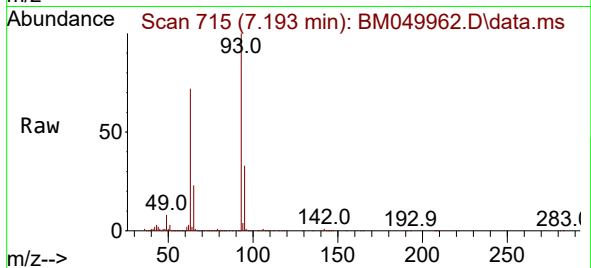




#11
bis(2-Chloroethyl)ether
Concen: 44.660 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

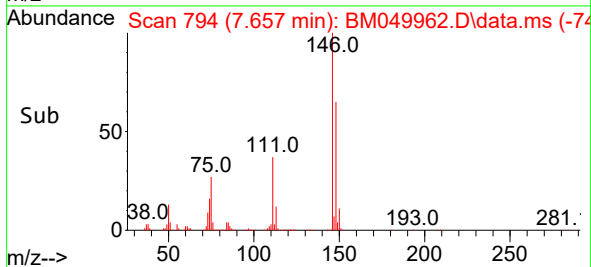
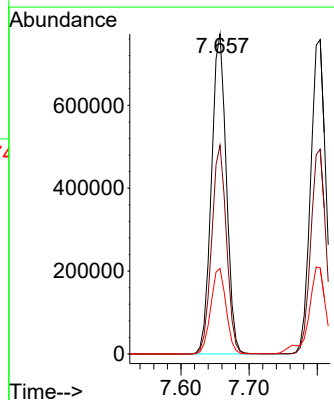
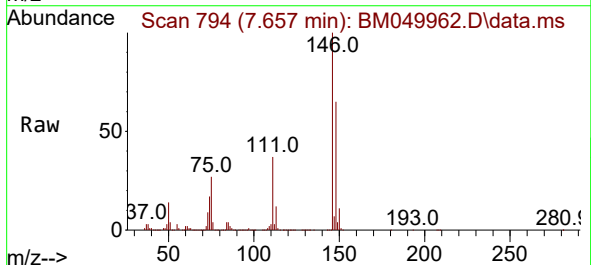
Instrument :
BNA_M
ClientSampleId :
PB167631BS

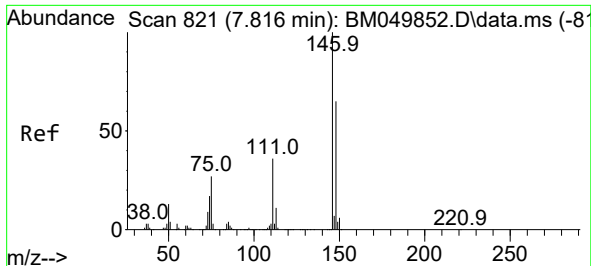
Tgt Ion: 93 Resp: 918396
Ion Ratio Lower Upper
93 100
63 72.1 50.9 90.9
95 33.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.826 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:146 Resp: 1173017
Ion Ratio Lower Upper
146 100
148 65.2 52.5 78.7
75 26.7 22.5 33.7

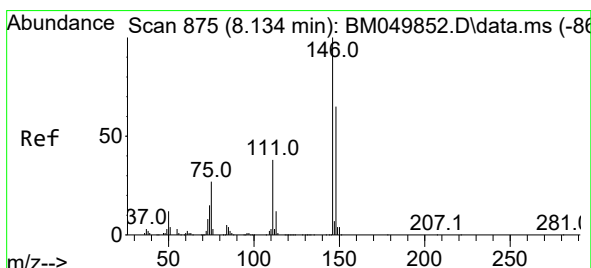
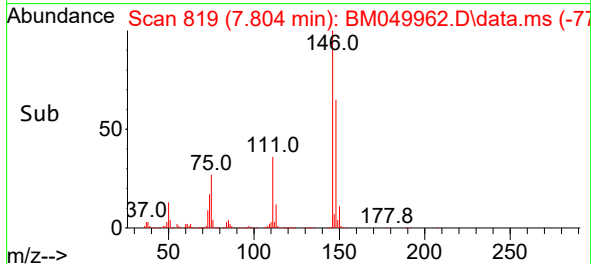
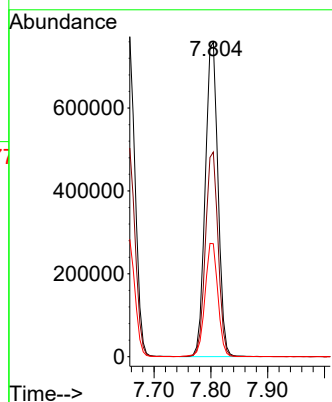
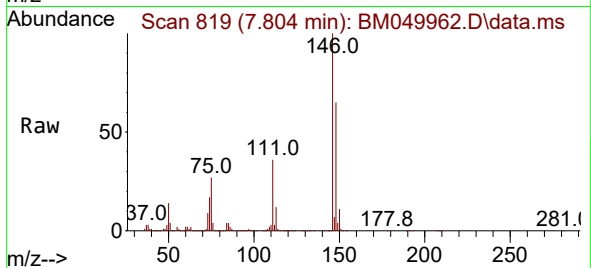




#13
1,4-Dichlorobenzene
Concen: 44.755 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

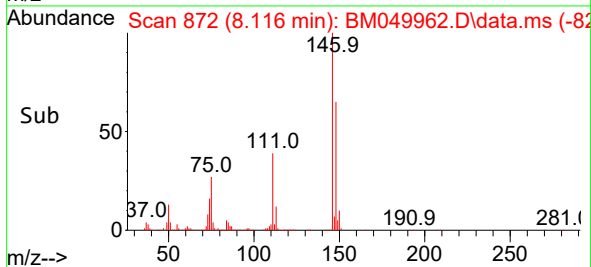
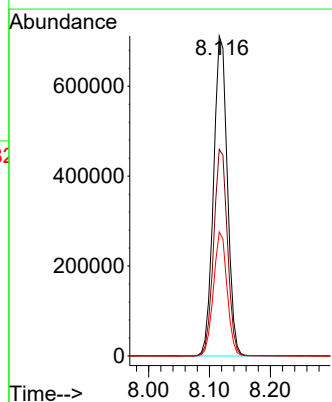
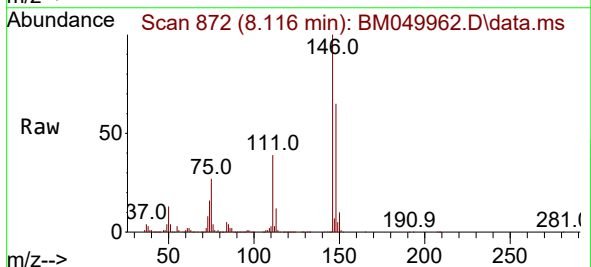
Instrument :
BNA_M
ClientSampleId :
PB167631BS

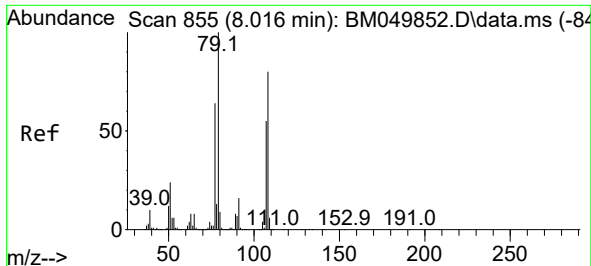
Tgt Ion:146 Resp: 1178433
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 35.9 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 45.306 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.018 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:146 Resp: 1123620
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 38.8 30.2 45.4

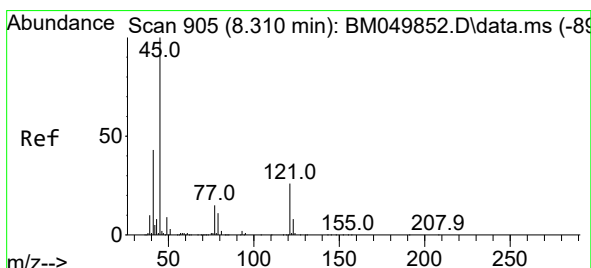
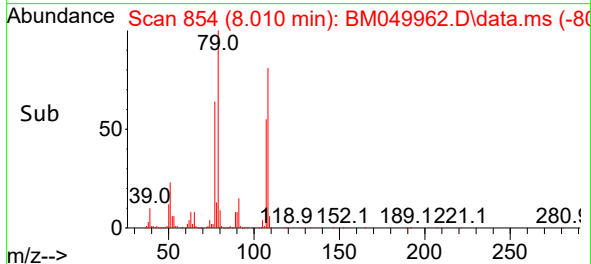
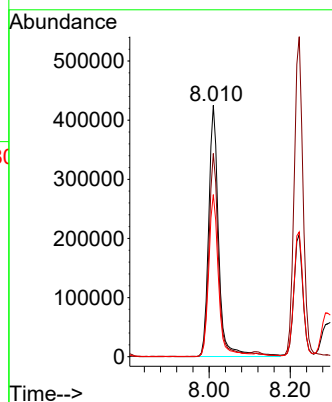
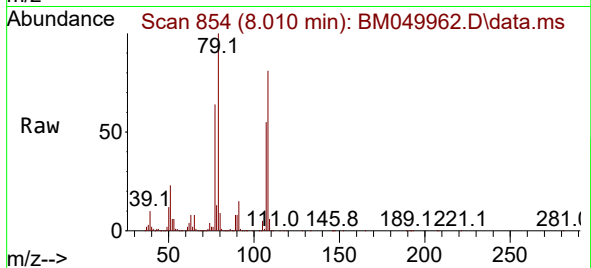




#15
Benzyl Alcohol
Concen: 42.490 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

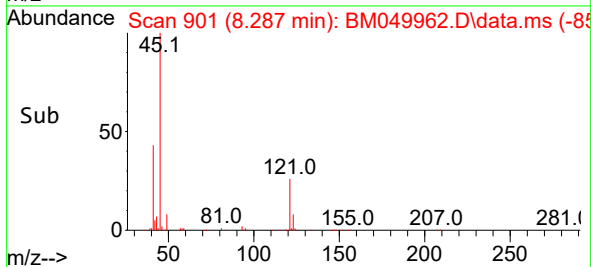
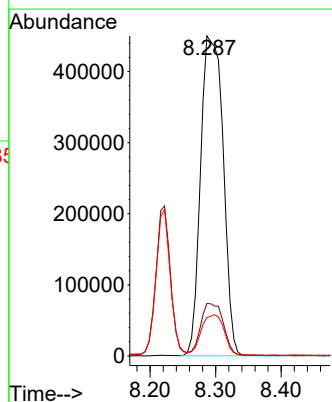
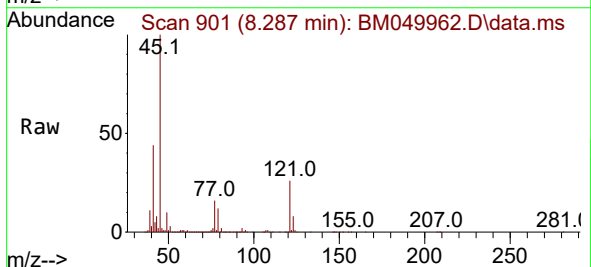
Instrument :
BNA_M
ClientSampleId :
PB167631BS

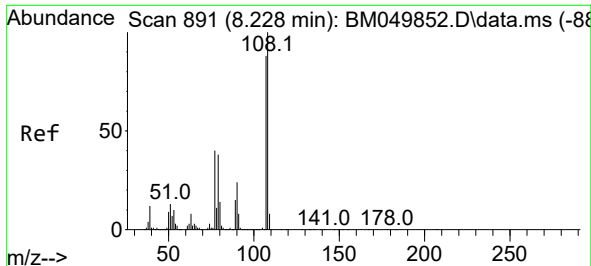
Tgt Ion: 79 Resp: 718990
Ion Ratio Lower Upper
79 100
108 80.9 63.6 95.4
77 64.5 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.003 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.023 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion: 45 Resp: 1077327
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.9
79 12.0 0.0 32.9



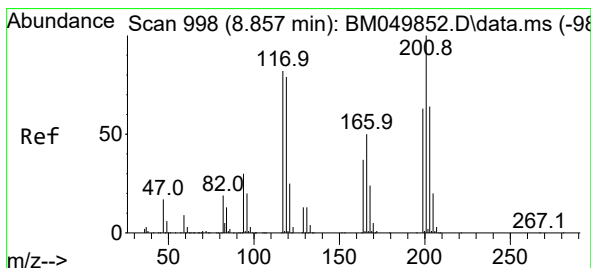
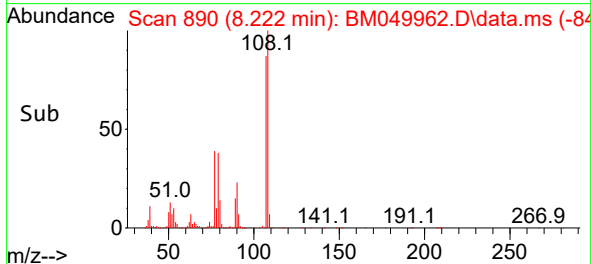
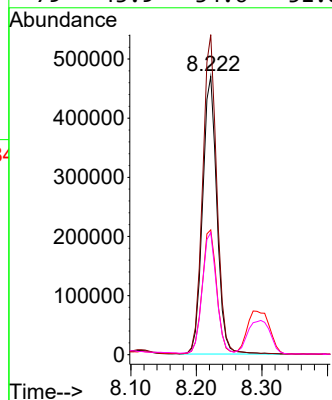
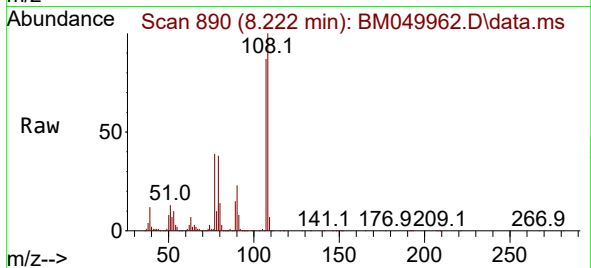


#17
2-Methylphenol
Concen: 44.089 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Instrument :
BNA_M
ClientSampleId :
PB167631BS

Tgt Ion:107 Resp: 712481

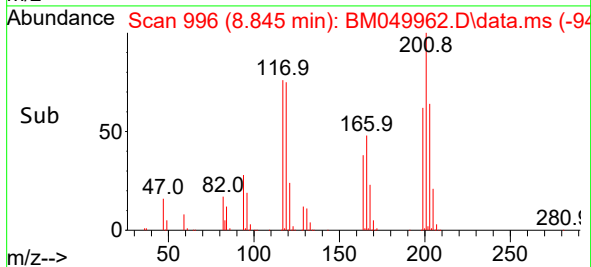
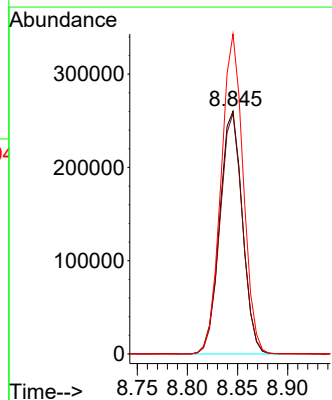
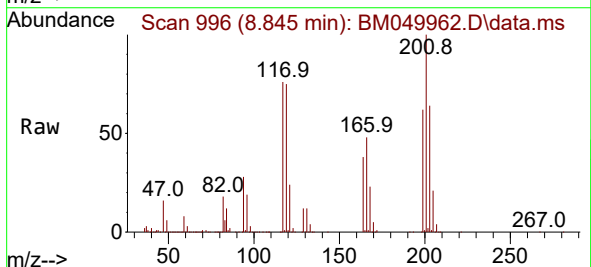
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.0	136.6
77	44.8	36.5	54.7
79	43.9	34.6	51.8

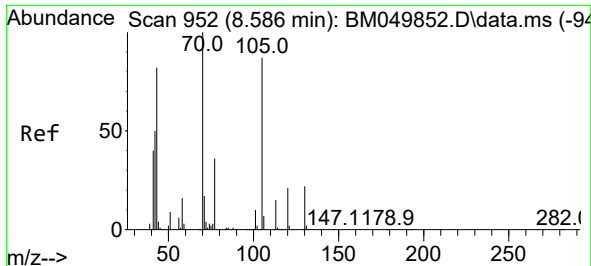


#18
Hexachloroethane
Concen: 44.701 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:117 Resp: 409498

Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.5	116.3
201	131.8	97.7	146.5



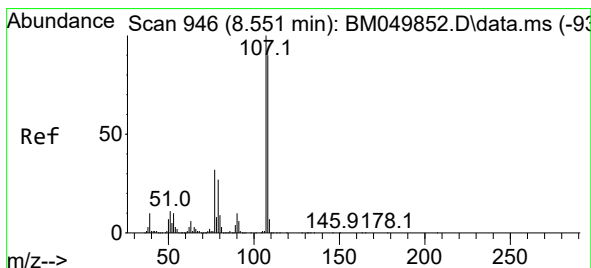
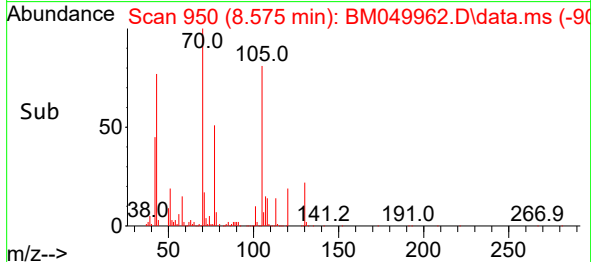
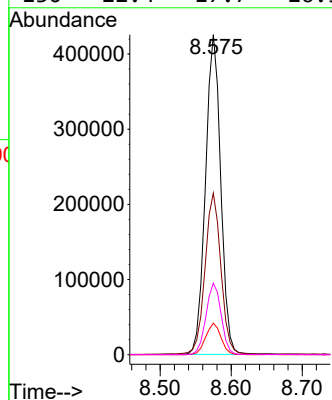
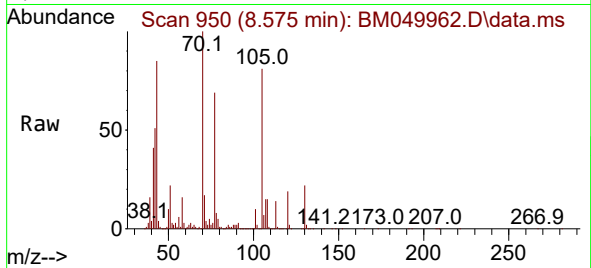


#19
n-Nitroso-di-n-propylamine
Concen: 42.743 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Instrument :
BNA_M
ClientSampleId :
PB167631BS

Tgt Ion: 70 Resp: 636157

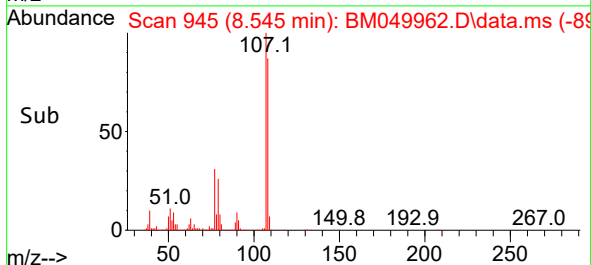
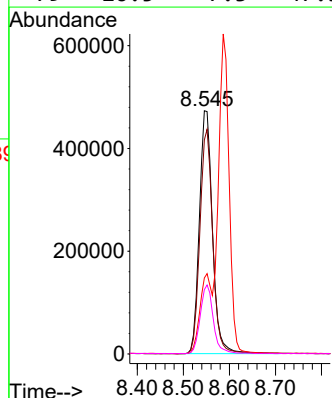
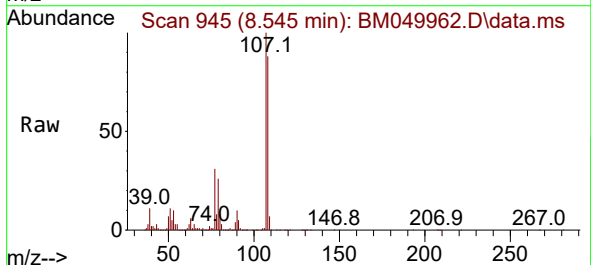
Ion	Ratio	Lower	Upper
70	100		
42	50.5	40.2	60.2
101	9.8	7.9	11.9
130	22.4	17.7	26.5

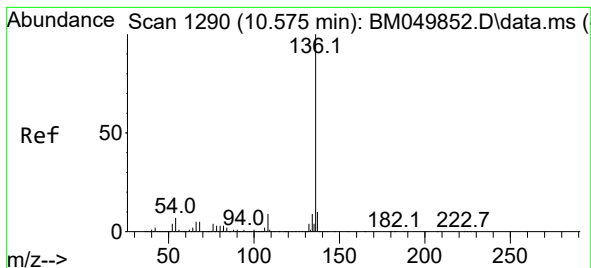


#20
3+4-Methylphenols
Concen: 42.678 ng
RT: 8.545 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion: 107 Resp: 940266

Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.6	109.6
77	31.3	11.7	51.7
79	26.5	7.3	47.3

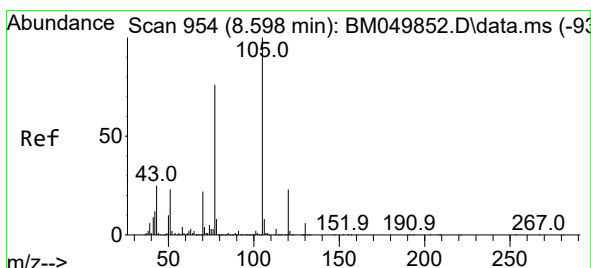
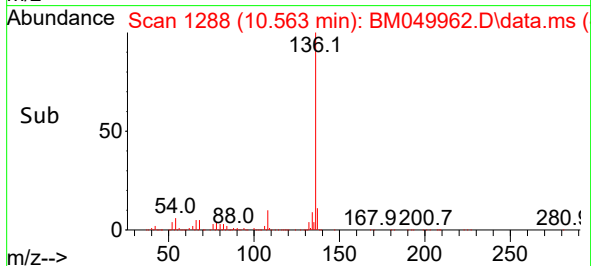
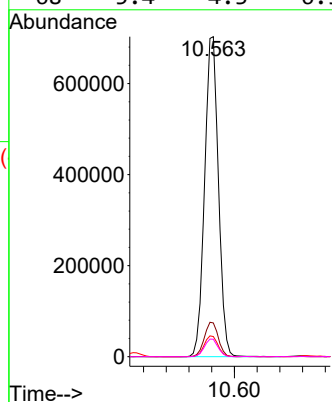
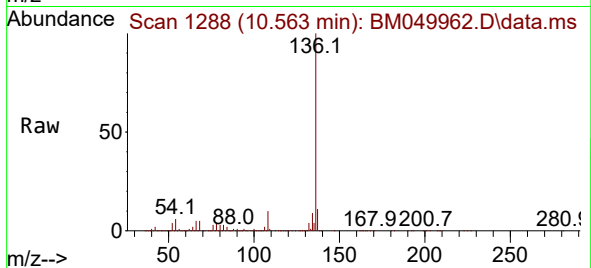




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

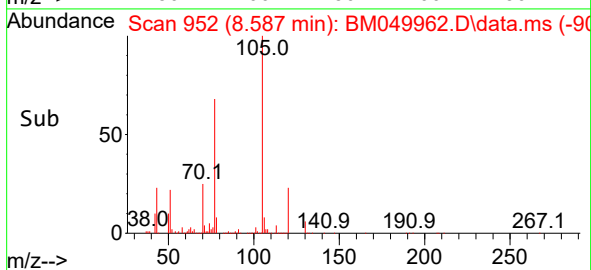
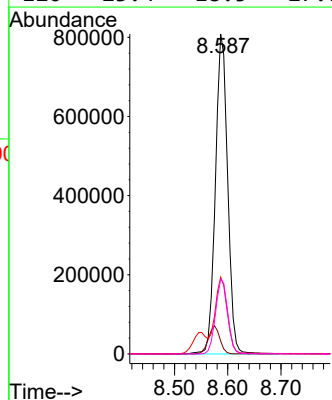
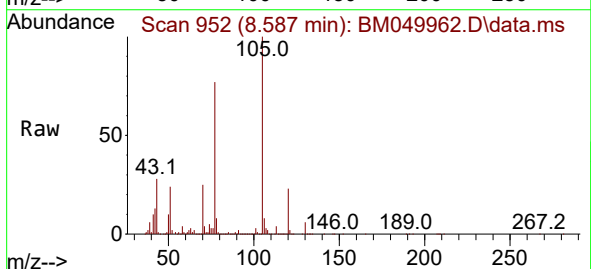
Instrument :
BNA_M
ClientSampleId :
PB167631BS

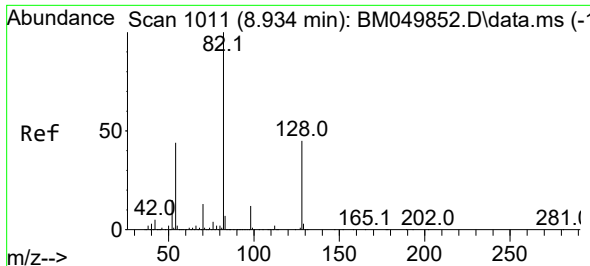
Tgt Ion:136 Resp: 1178992
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.3 5.3 7.9
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 45.044 ng
RT: 8.587 min Scan# 952
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:105 Resp: 1290646
Ion Ratio Lower Upper
105 100
71 4.0 3.0 4.4
51 24.0 18.6 27.8
120 23.4 18.5 27.7

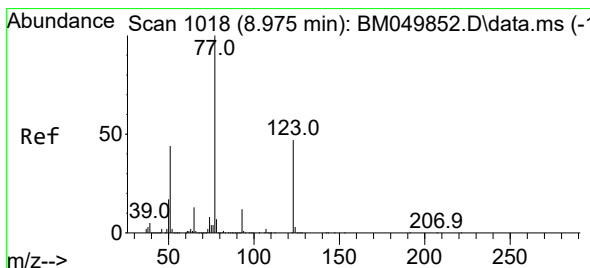
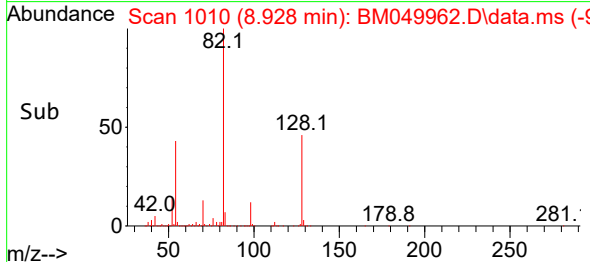
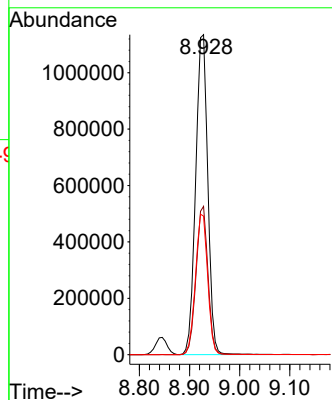
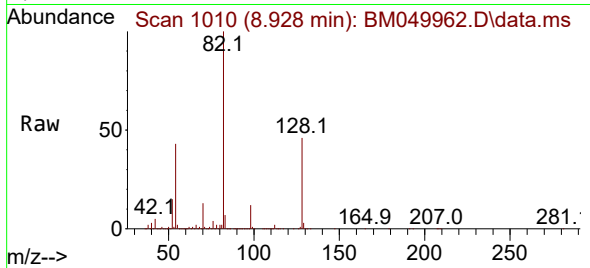




#23
Nitrobenzene-d5
Concen: 89.789 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

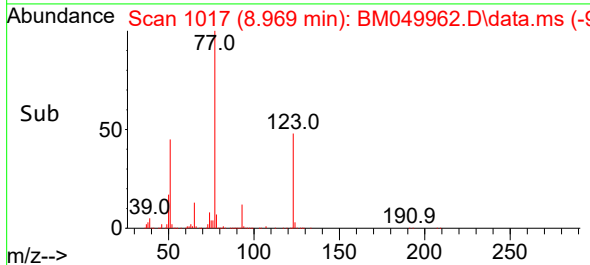
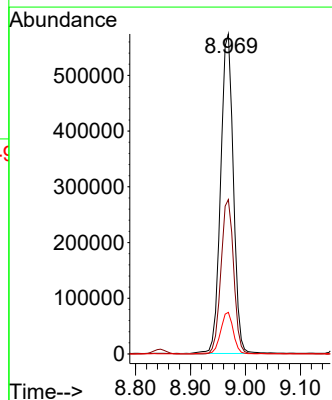
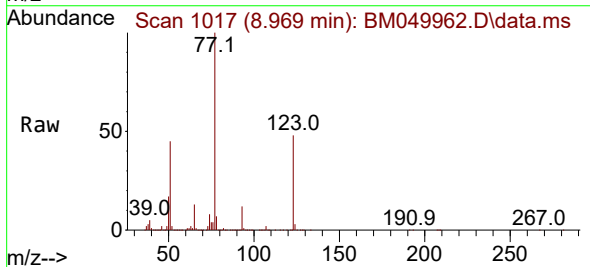
Instrument :
BNA_M
ClientSampleId :
PB167631BS

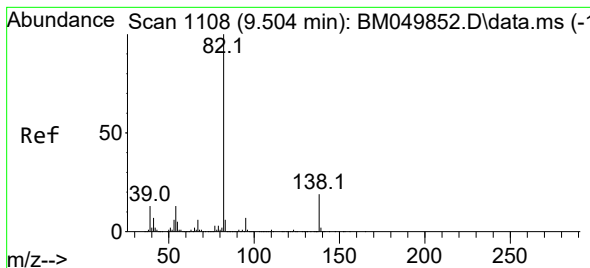
Tgt Ion: 82 Resp: 1901043
Ion Ratio Lower Upper
82 100
128 46.3 36.2 54.2
54 43.3 35.0 52.6



#24
Nitrobenzene
Concen: 45.271 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion: 77 Resp: 922945
Ion Ratio Lower Upper
77 100
123 48.3 37.4 56.2
65 13.0 10.1 15.1





#25

Isophorone

Concen: 47.162 ng

RT: 9.492 min Scan# 1106

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

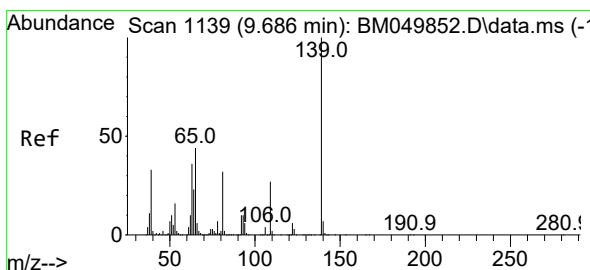
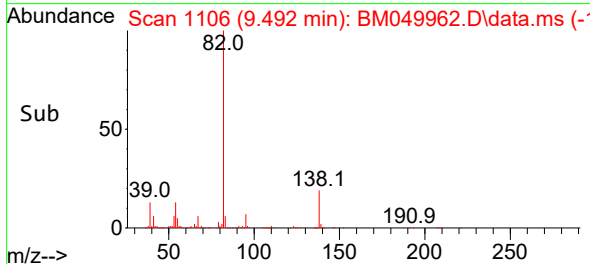
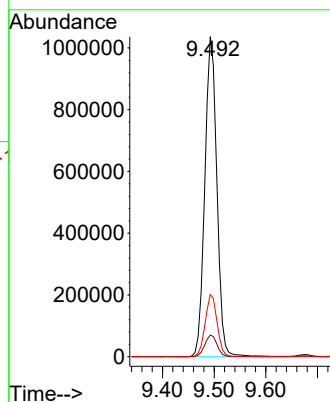
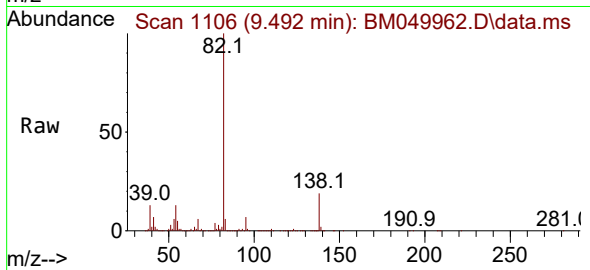
Tgt Ion: 82 Resp: 1672759

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.4 15.0 22.6



#26

2-Nitrophenol

Concen: 45.396 ng

RT: 9.675 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

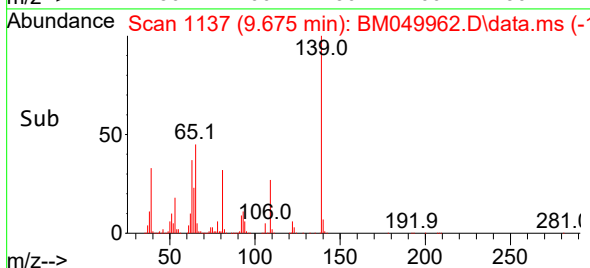
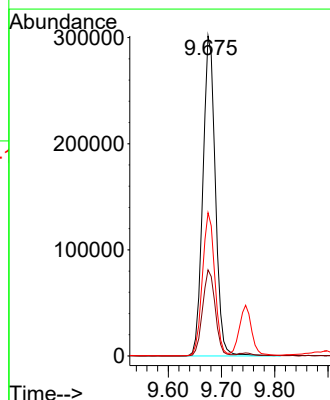
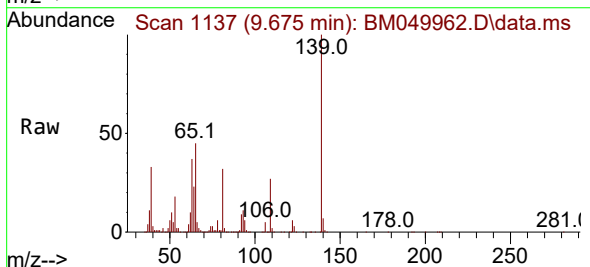
Tgt Ion:139 Resp: 490528

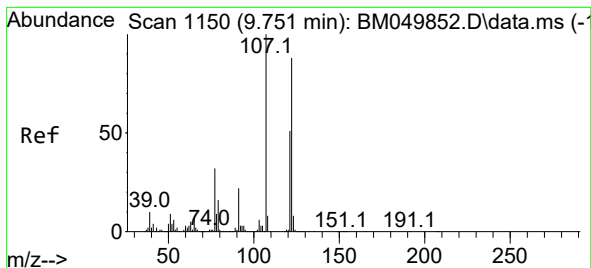
Ion Ratio Lower Upper

139 100

109 26.9 21.7 32.5

65 44.7 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 63.412 ng

RT: 9.745 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

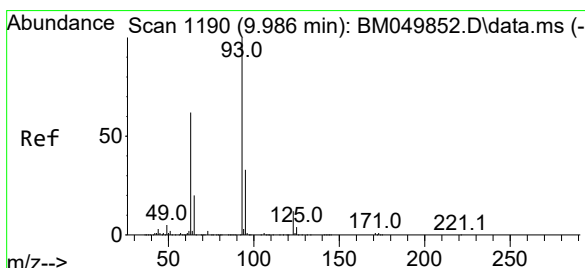
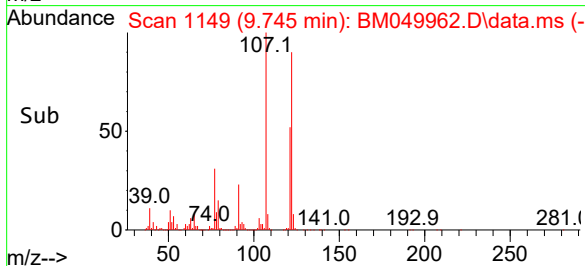
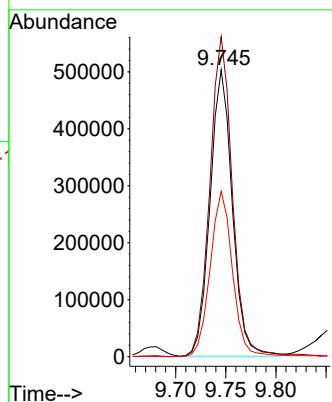
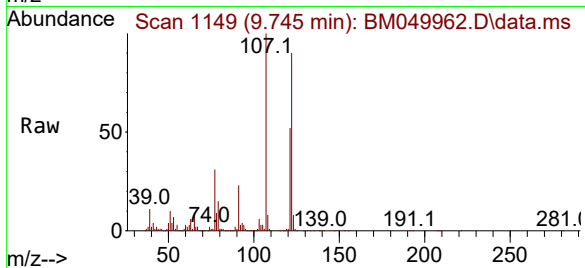
Tgt Ion:122 Resp: 776520

Ion Ratio Lower Upper

122 100

107 111.6 90.3 135.5

121 57.6 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.117 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

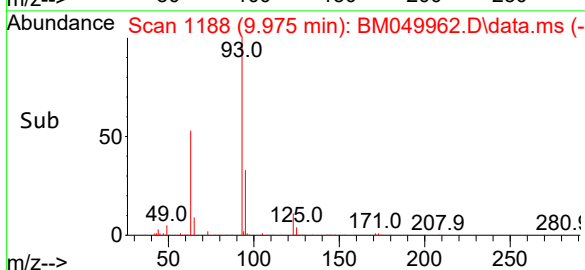
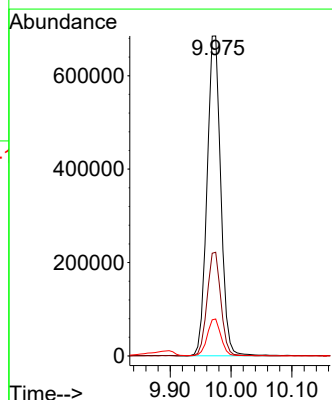
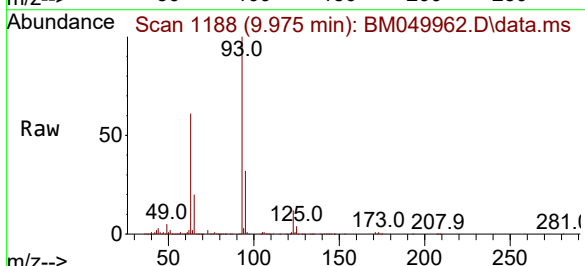
Tgt Ion: 93 Resp: 1071314

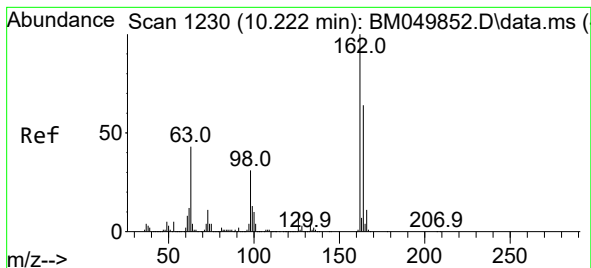
Ion Ratio Lower Upper

93 100

95 32.4 26.6 40.0

123 11.5 9.5 14.3

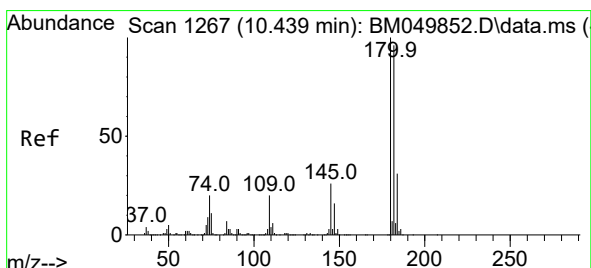
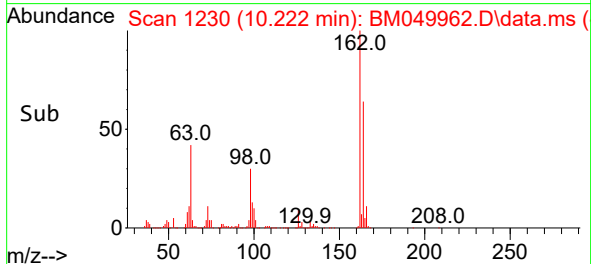
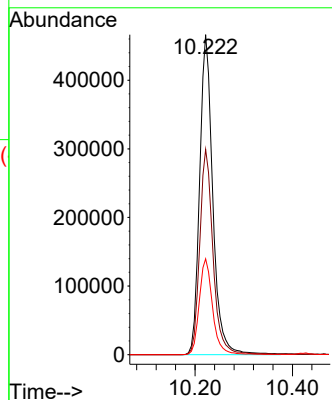
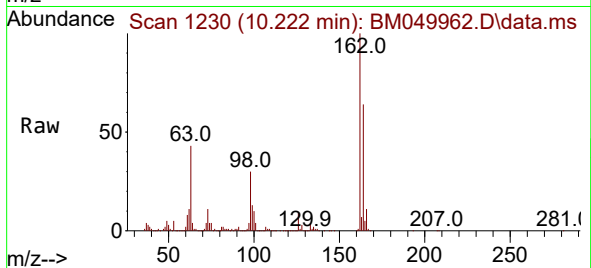




#29
2,4-Dichlorophenol
Concen: 43.173 ng
RT: 10.222 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

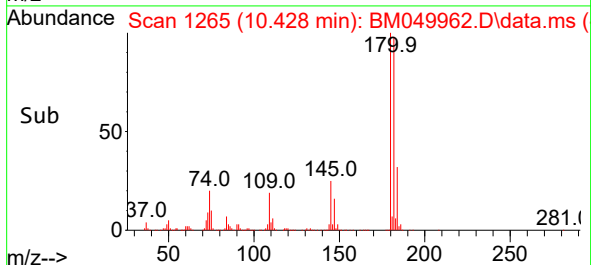
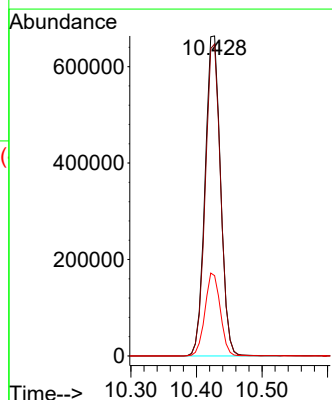
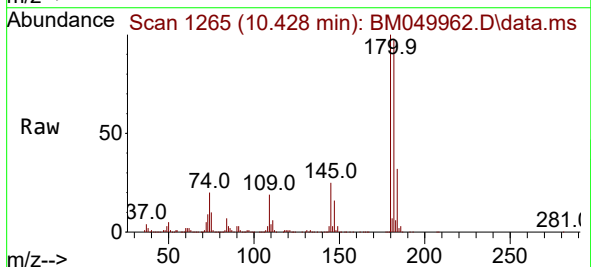
Instrument :
BNA_M
ClientSampleId :
PB167631BS

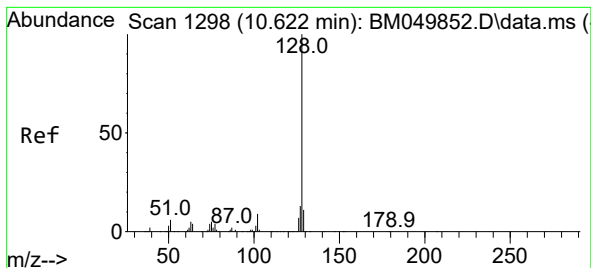
Tgt Ion:162 Resp: 878817
Ion Ratio Lower Upper
162 100
164 64.1 44.3 84.3
98 30.0 10.9 50.9



#30
1,2,4-Trichlorobenzene
Concen: 46.357 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:180 Resp: 1091639
Ion Ratio Lower Upper
180 100
182 97.5 76.7 115.1
145 25.1 20.8 31.2

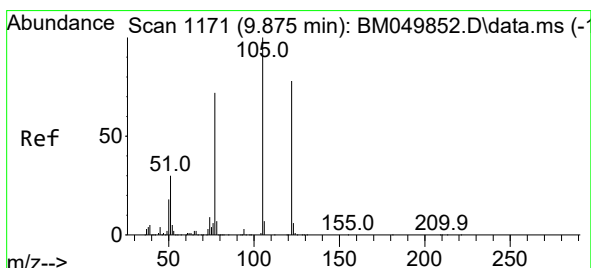
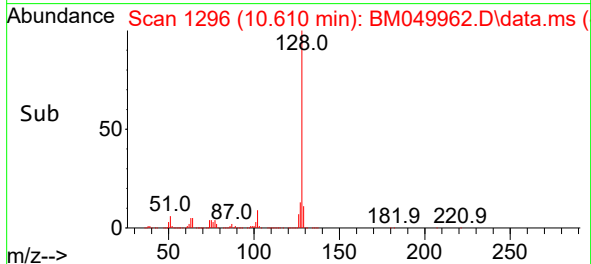
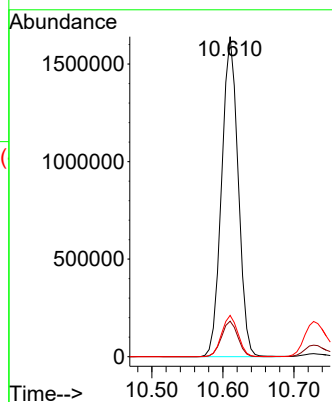
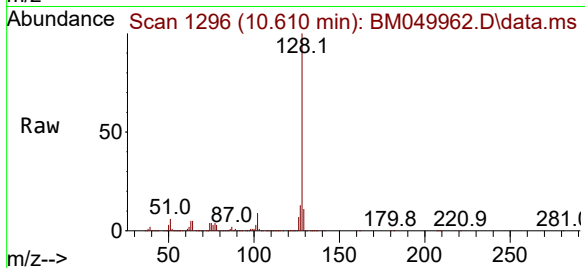




#31
Naphthalene
Concen: 43.574 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

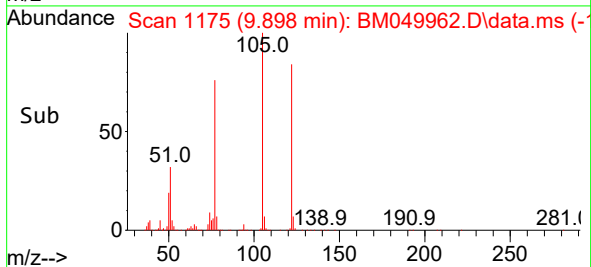
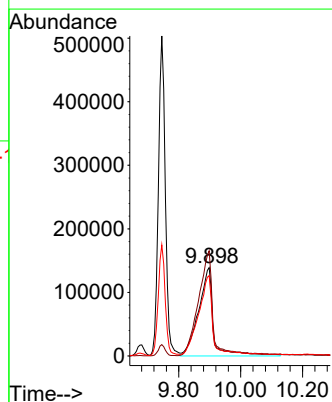
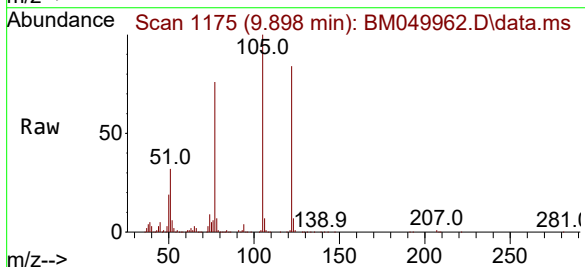
Instrument :
BNA_M
ClientSampleId :
PB167631BS

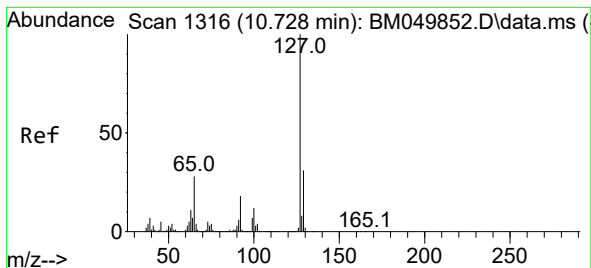
Tgt Ion:128 Resp: 2639796
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 33.722 ng m
RT: 9.898 min Scan# 1175
Delta R.T. 0.023 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:122 Resp: 464976
Ion Ratio Lower Upper
122 100
105 119.0 103.8 143.8
77 90.9 70.7 110.7

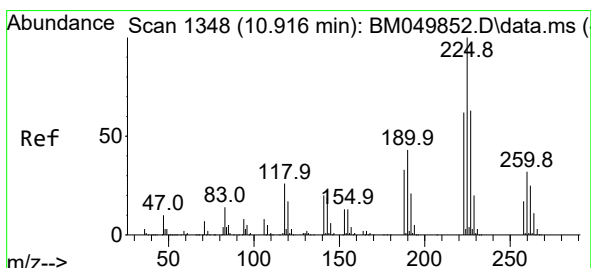
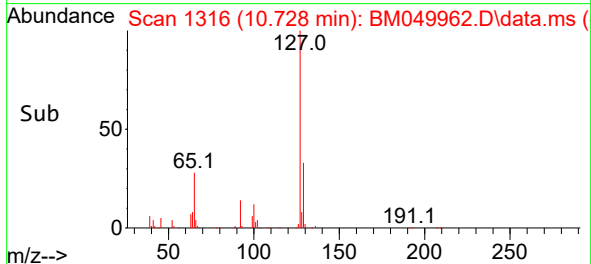
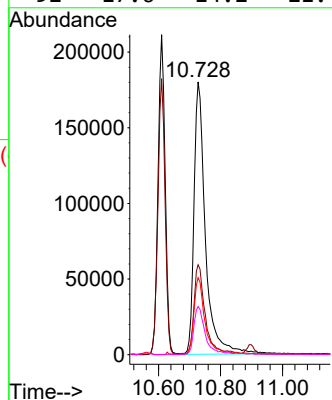
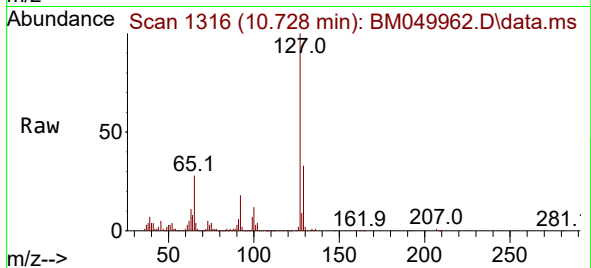




#33
4-Chloroaniline
Concen: 21.567 ng
RT: 10.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

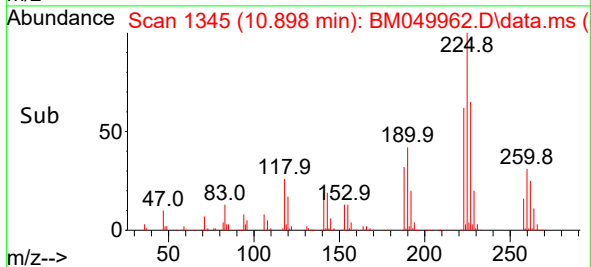
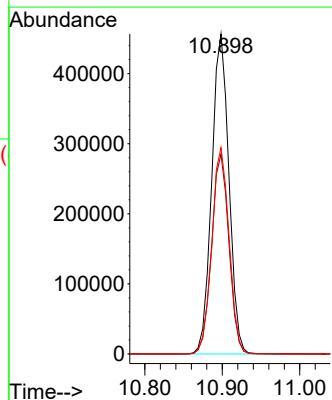
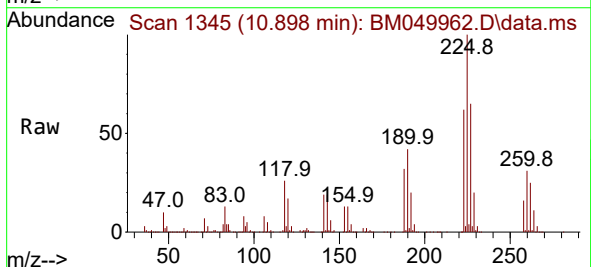
Instrument :
BNA_M
ClientSampleId :
PB167631BS

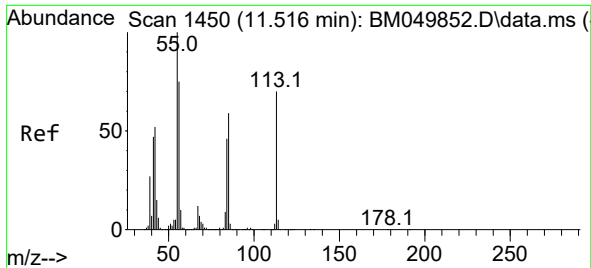
Tgt Ion:	127	Resp:	461368
Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.9	37.3
65	28.2	22.4	33.6
92	17.6	14.2	21.4



#34
Hexachlorobutadiene
Concen: 48.224 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.018 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:	225	Resp:	702445
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.2
227	64.5	50.1	75.1

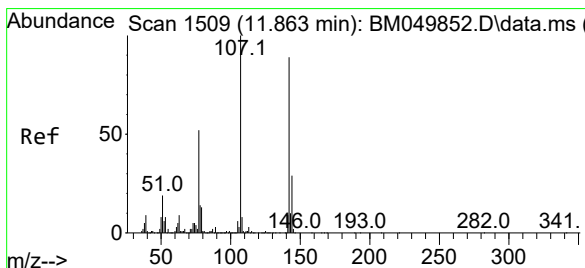
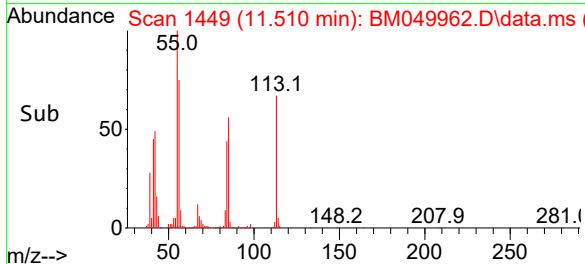
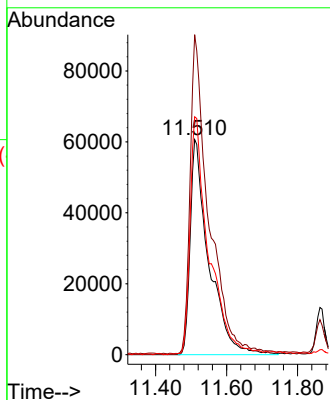
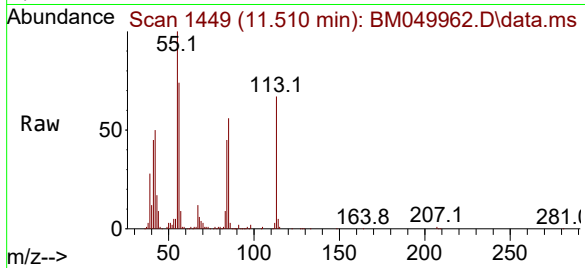




#35
Caprolactam
Concen: 37.885 ng
RT: 11.510 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

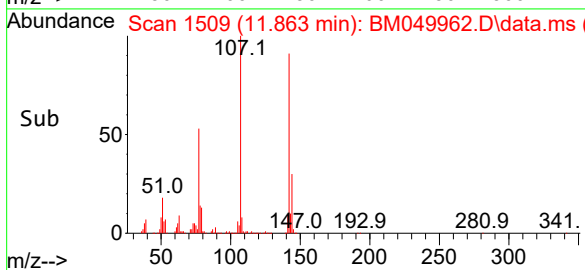
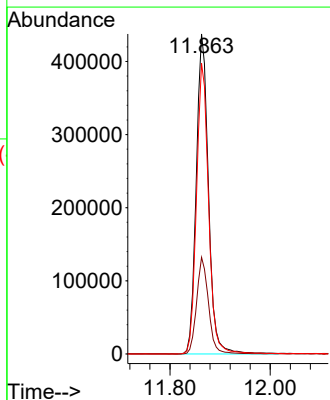
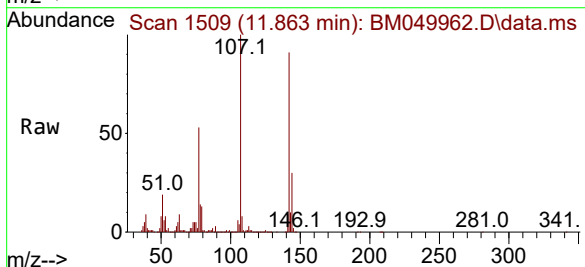
Instrument :
BNA_M
ClientSampleId :
PB167631BS

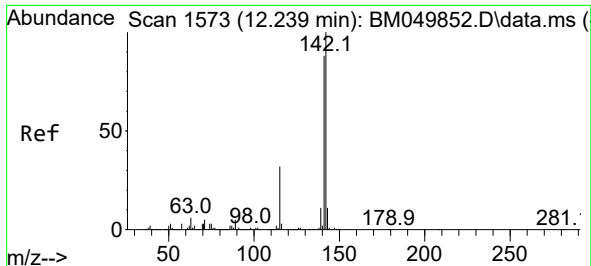
Tgt Ion:113 Resp: 221180
Ion Ratio Lower Upper
113 100
55 148.9 124.3 164.3
56 110.7 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 41.445 ng
RT: 11.863 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:107 Resp: 738989
Ion Ratio Lower Upper
107 100
144 30.2 23.6 35.4
142 90.8 71.4 107.0

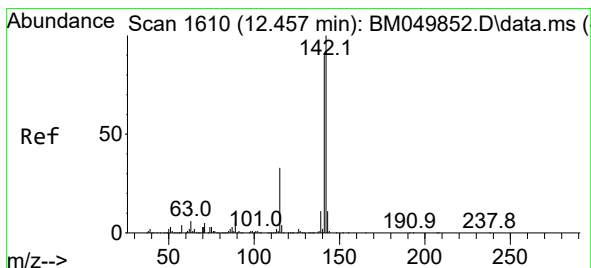
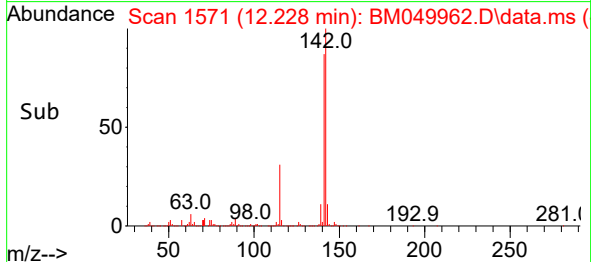
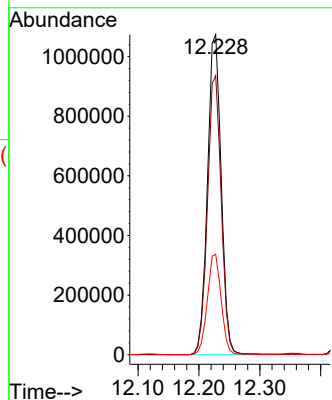
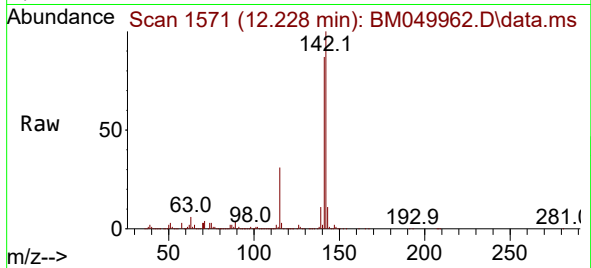




#37
2-Methylnaphthalene
Concen: 39.392 ng
RT: 12.228 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

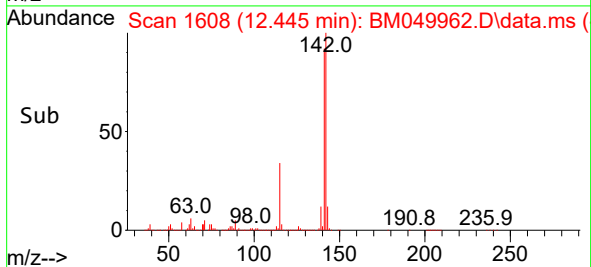
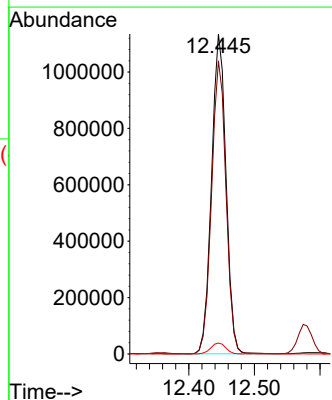
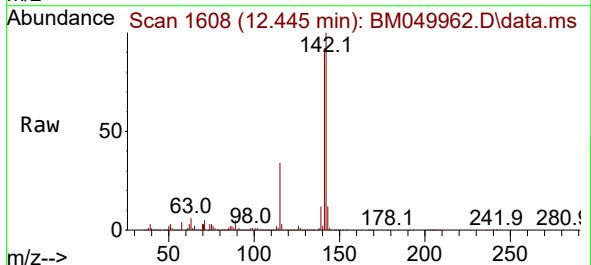
Instrument :
BNA_M
ClientSampleId :
PB167631BS

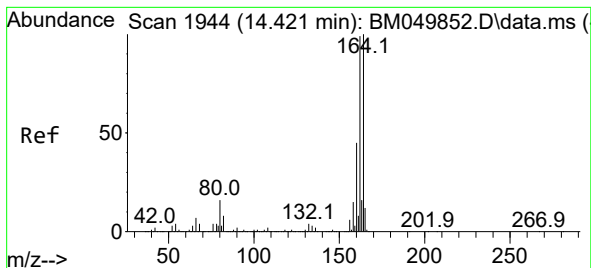
Tgt Ion:142 Resp: 1681386
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
115 31.3 25.4 38.2



#38
1-Methylnaphthalene
Concen: 41.899 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:142 Resp: 1742323
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.2
116 3.4 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

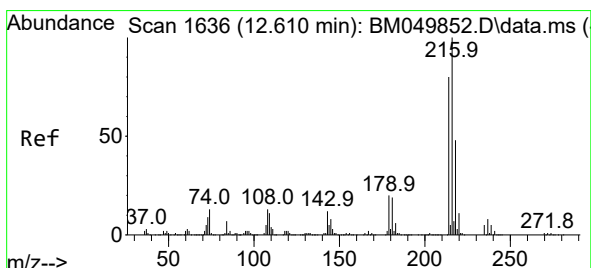
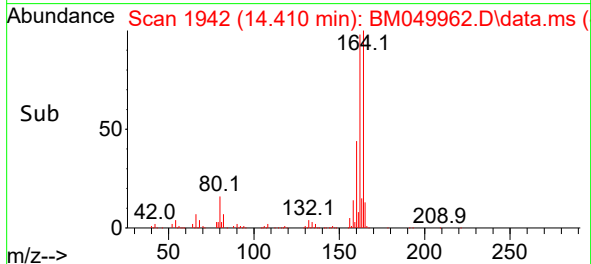
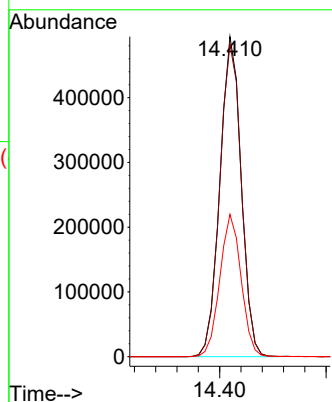
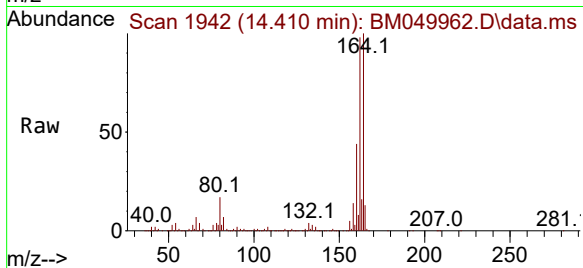
Tgt Ion:164 Resp: 685468

Ion Ratio Lower Upper

164 100

162 97.6 79.4 119.0

160 44.4 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.961 ng

RT: 12.598 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Tgt Ion:216 Resp: 1174119

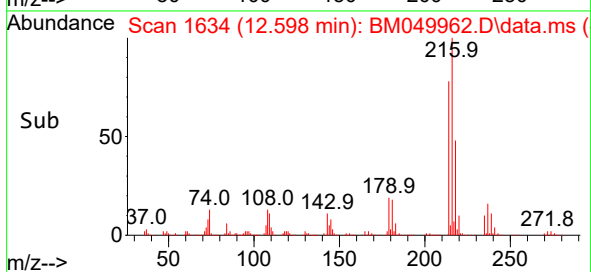
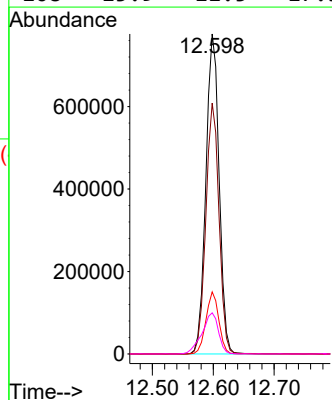
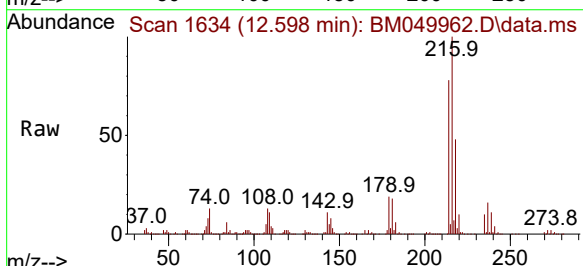
Ion Ratio Lower Upper

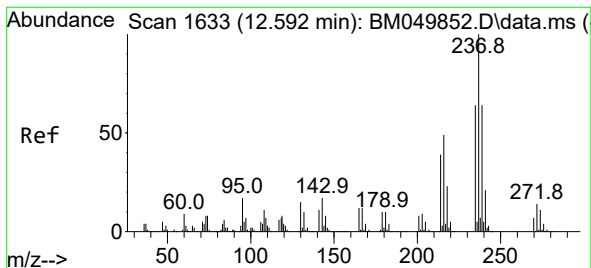
216 100

214 78.0 63.2 94.8

179 18.8 15.8 23.6

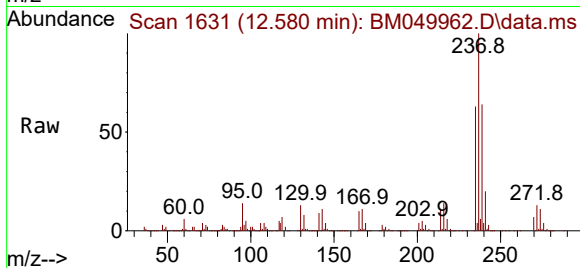
108 15.9 11.5 17.3



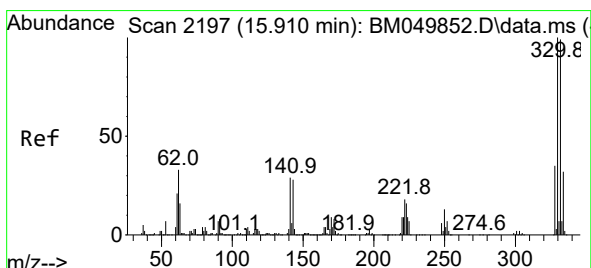
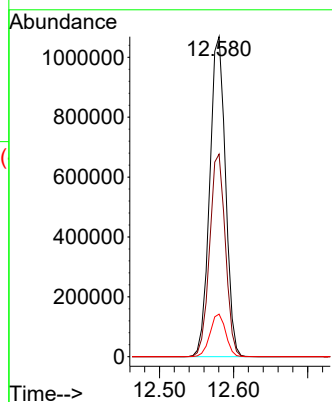
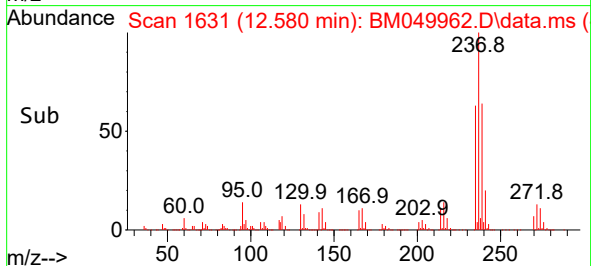


#41
Hexachlorocyclopentadiene
Concen: 187.857 ng
RT: 12.580 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

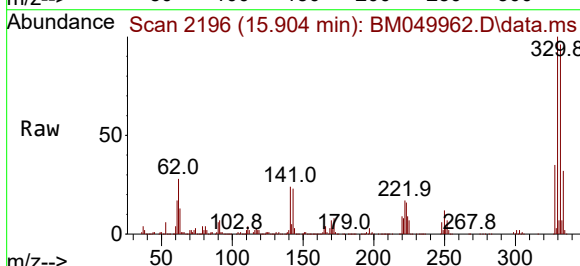
Instrument :
BNA_M
ClientSampleId :
PB167631BS



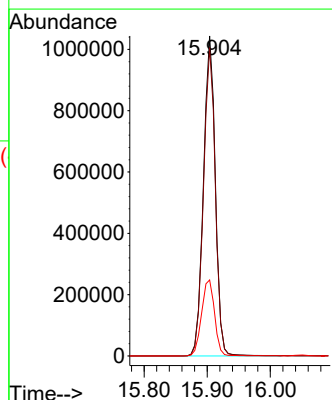
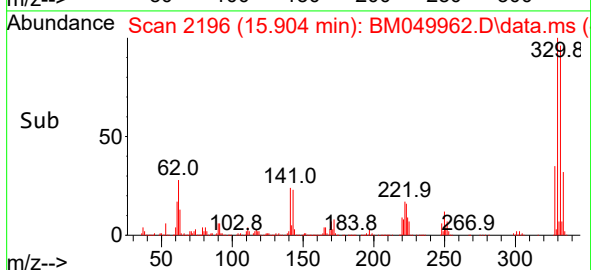
Tgt Ion:237 Resp: 1578571
Ion Ratio Lower Upper
237 100
235 63.3 43.7 83.7
272 13.3 0.0 33.5

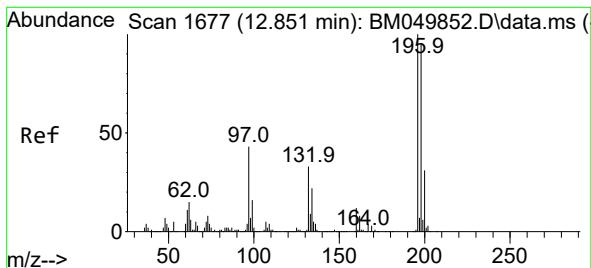


#42
2,4,6-Tribromophenol
Concen: 136.651 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23



Tgt Ion:330 Resp: 1362461
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 26.1 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 46.871 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

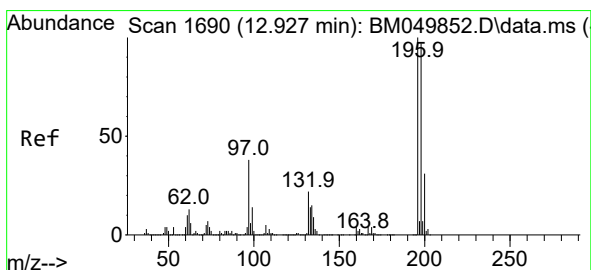
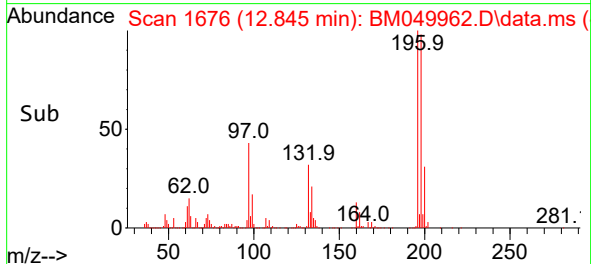
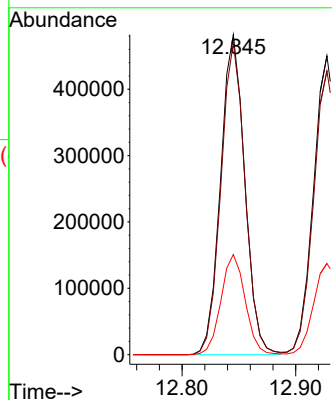
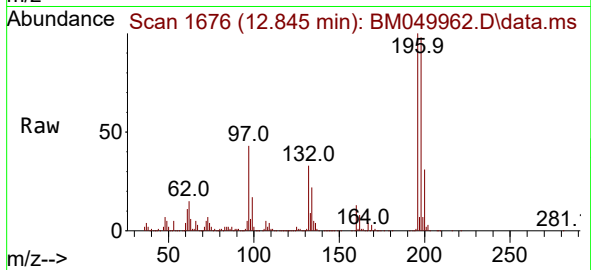
Tgt Ion:196 Resp: 715246

Ion Ratio Lower Upper

196 100

198 97.6 76.1 114.1

200 31.3 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 46.106 ng

RT: 12.928 min Scan# 1690

Delta R.T. 0.000 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Tgt Ion:196 Resp: 764571

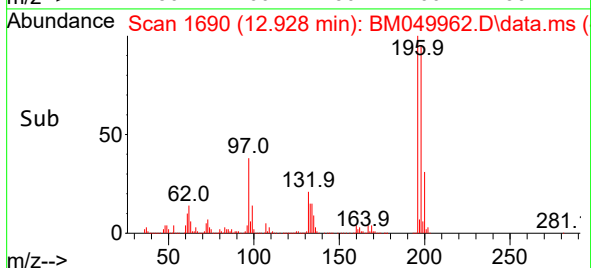
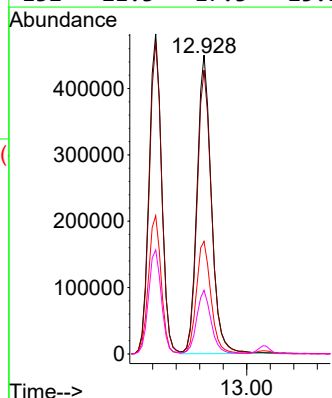
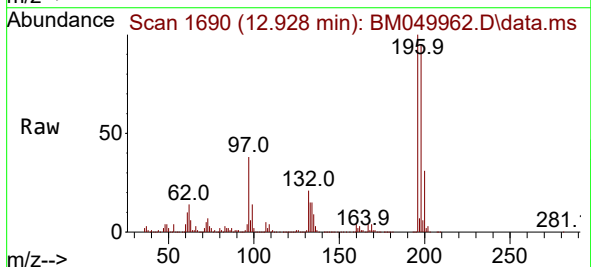
Ion Ratio Lower Upper

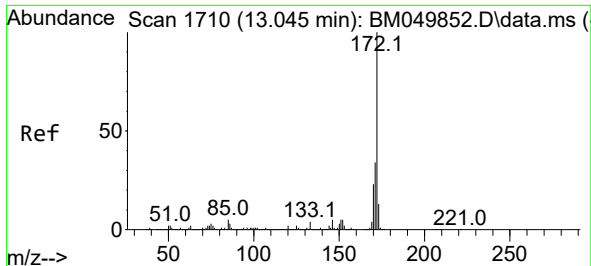
196 100

198 95.0 77.7 116.5

97 37.7 30.3 45.5

132 21.3 17.3 25.9

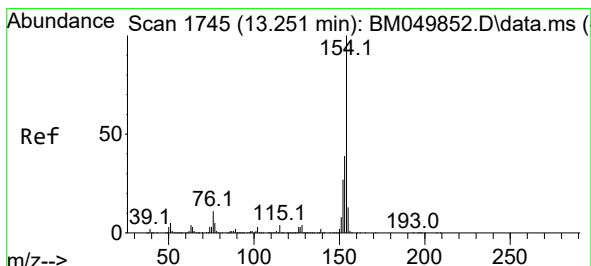
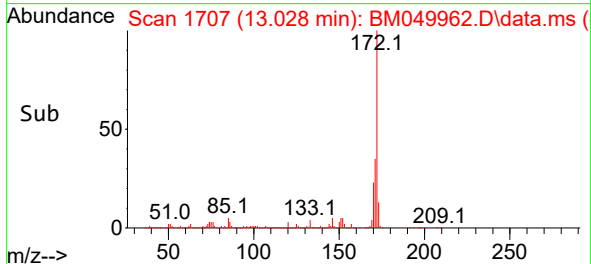
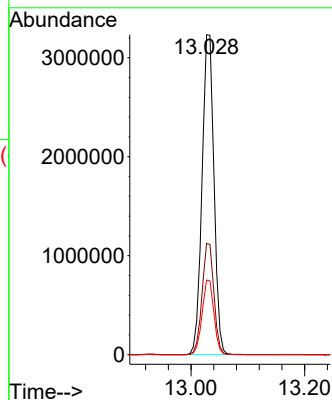
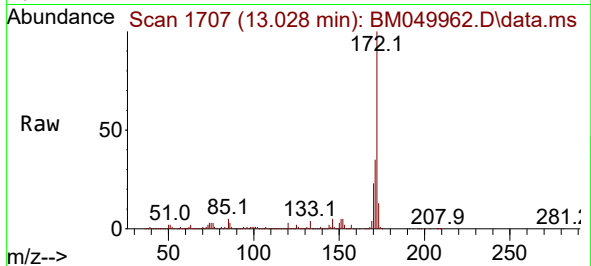




#45
2-Fluorobiphenyl
Concen: 93.355 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

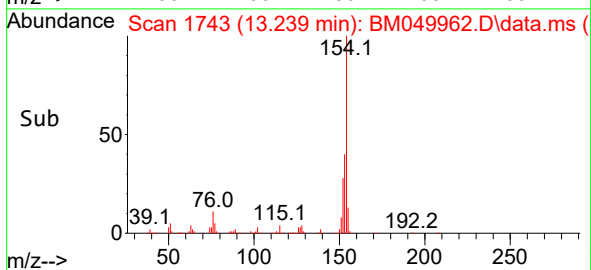
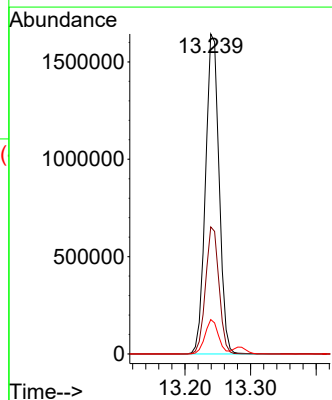
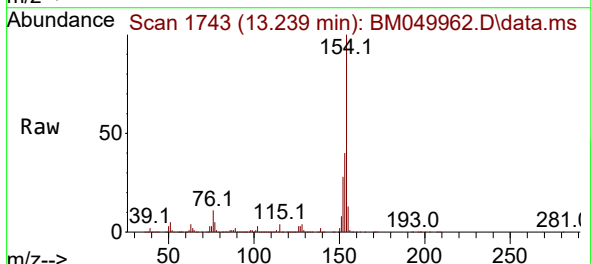
Instrument :
BNA_M
ClientSampleId :
PB167631BS

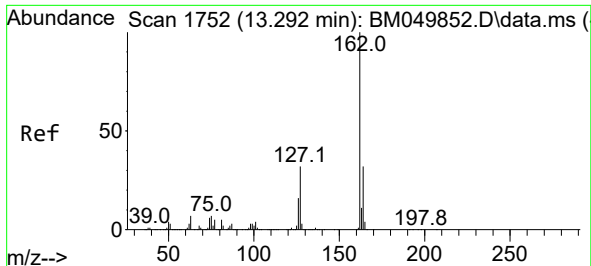
Tgt Ion:172 Resp: 4719139
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.2
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.586 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:154 Resp: 2373792
Ion Ratio Lower Upper
154 100
153 39.7 19.3 59.3
76 10.8 0.0 30.7

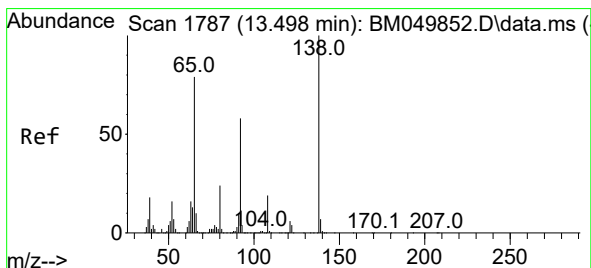
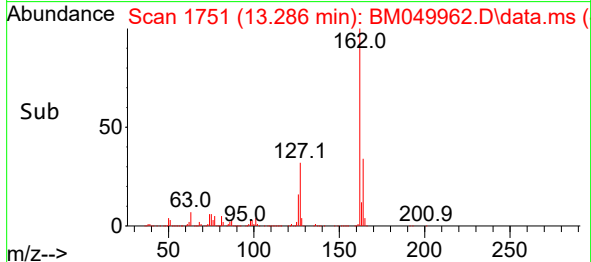
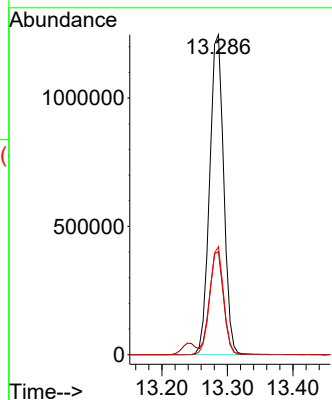
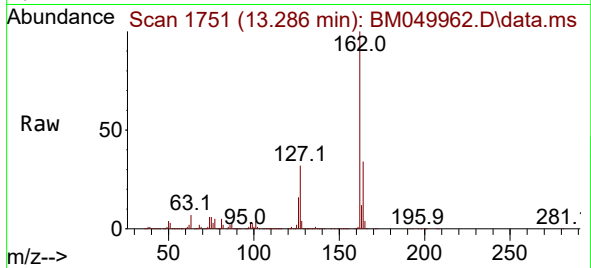




#47
2-Chloronaphthalene
Concen: 46.635 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

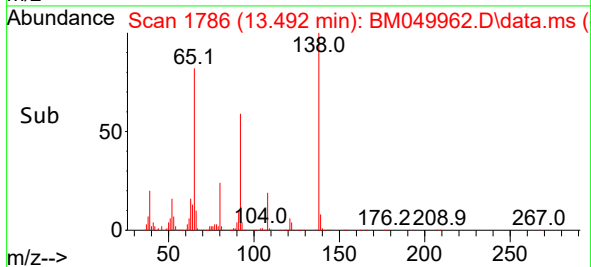
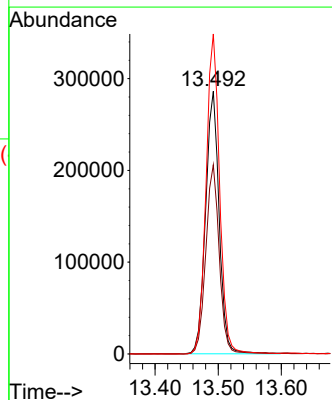
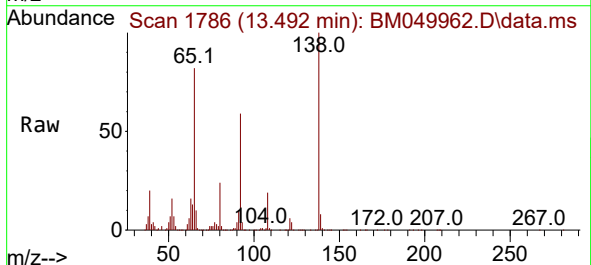
Instrument :
BNA_M
ClientSampleId :
PB167631BS

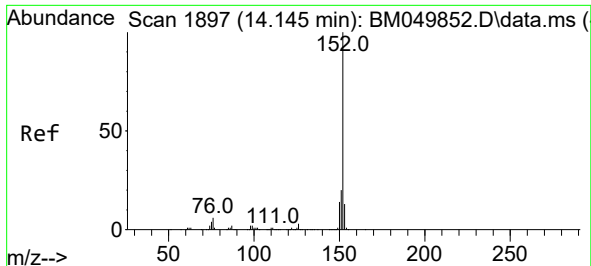
Tgt Ion:162 Resp: 1867730
Ion Ratio Lower Upper
162 100
127 32.2 26.0 39.0
164 33.7 25.9 38.9



#48
2-Nitroaniline
Concen: 46.276 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion: 65 Resp: 428767
Ion Ratio Lower Upper
65 100
92 72.0 58.4 87.6
138 121.8 100.8 151.2

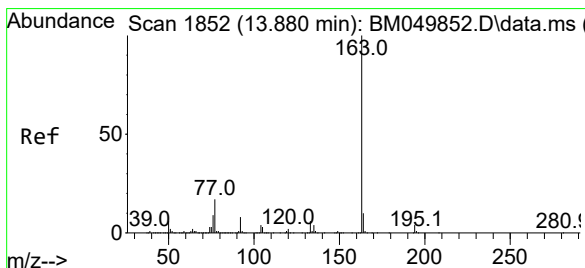
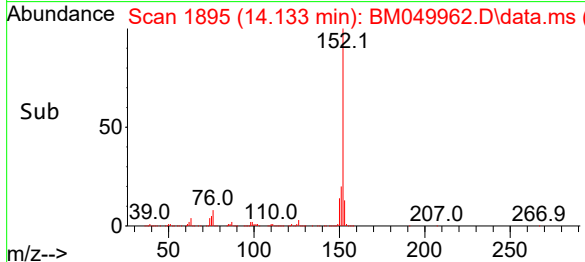
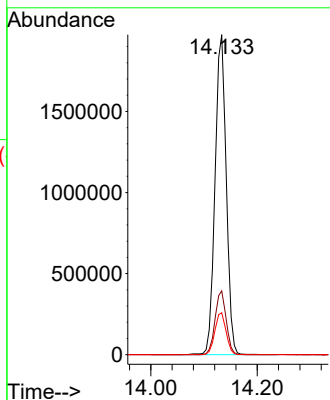
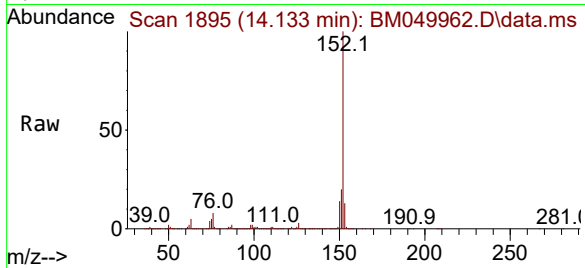




#49
Acenaphthylene
Concen: 49.242 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

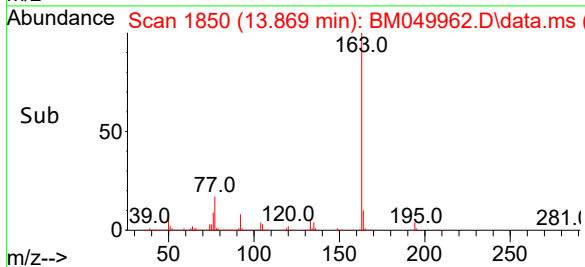
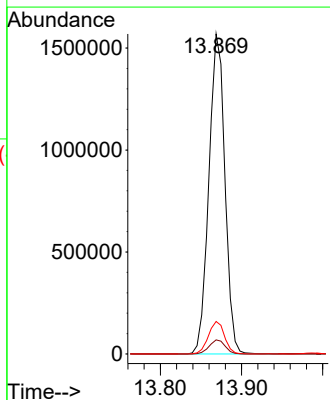
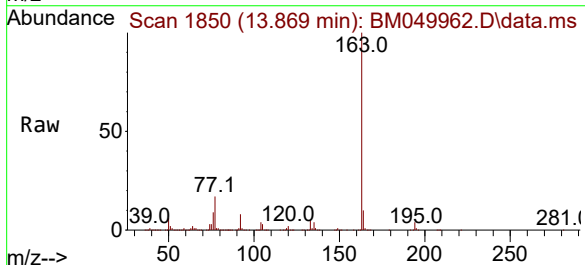
Instrument :
BNA_M
ClientSampleId :
PB167631BS

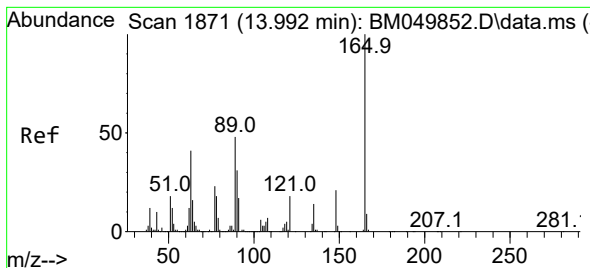
Tgt Ion:152 Resp: 2872721
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 44.450 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:163 Resp: 2149565
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 7.9 11.9

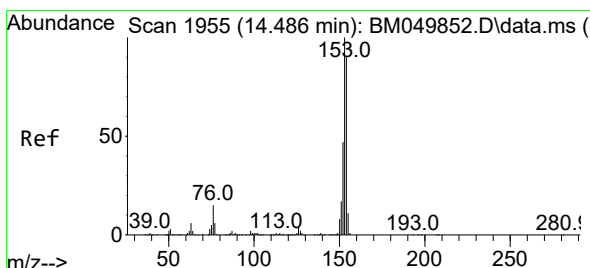
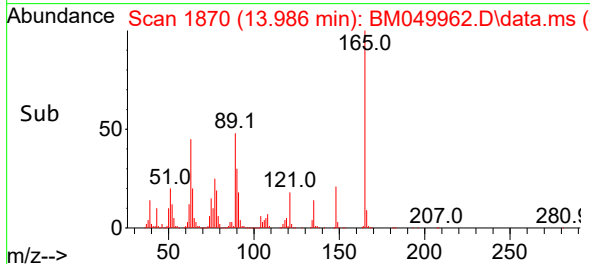
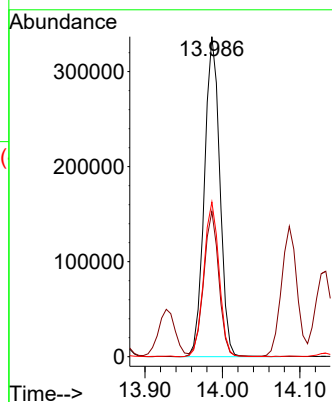
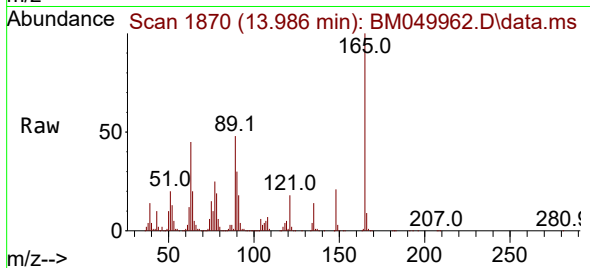




#51
2,6-Dinitrotoluene
Concen: 45.990 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

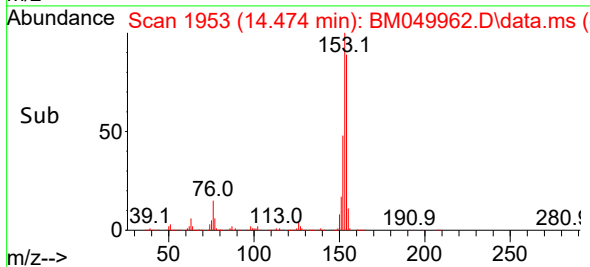
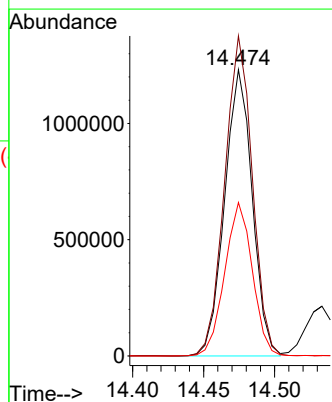
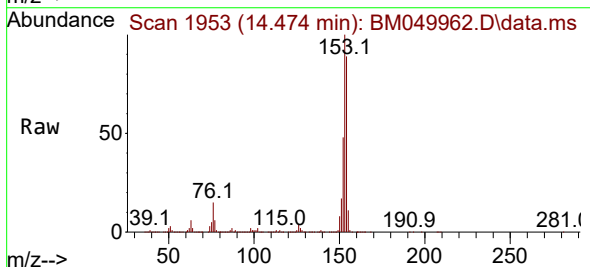
Instrument :
BNA_M
ClientSampleId :
PB167631BS

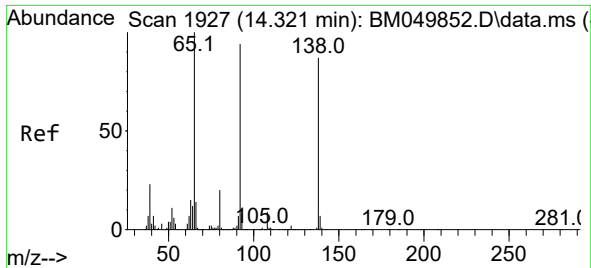
Tgt Ion:165 Resp: 465961
Ion Ratio Lower Upper
165 100
63 45.4 36.1 54.1
89 48.3 38.3 57.5



#52
Acenaphthene
Concen: 44.891 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:154 Resp: 1665854
Ion Ratio Lower Upper
154 100
153 111.8 89.3 133.9
152 53.6 42.2 63.2

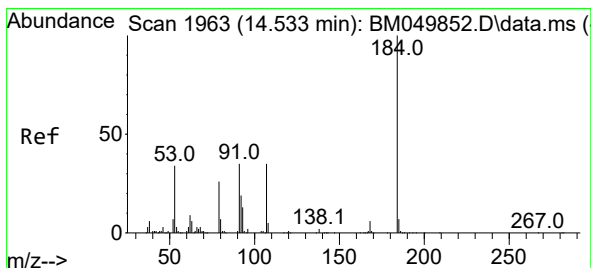
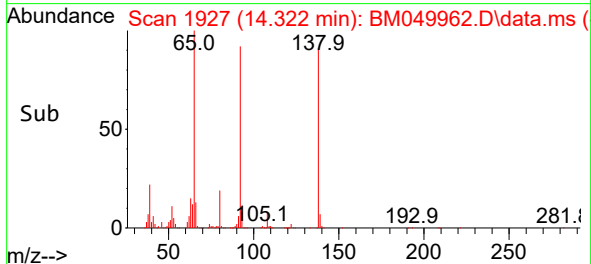
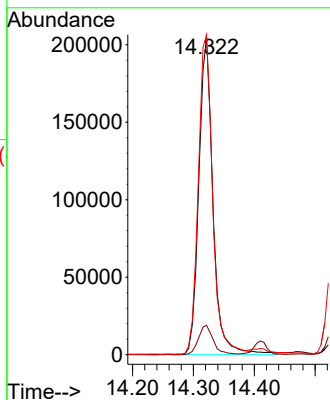
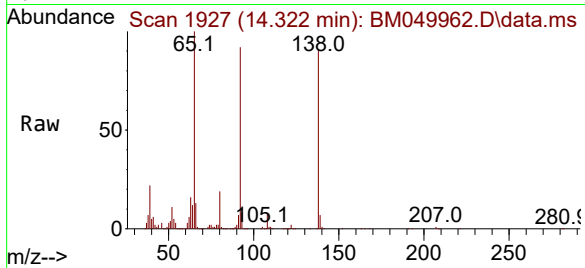




#53
3-Nitroaniline
Concen: 33.787 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

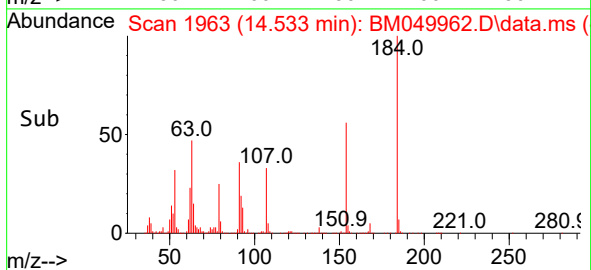
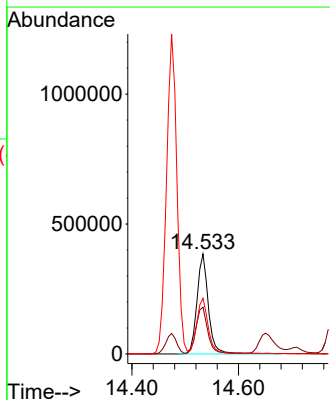
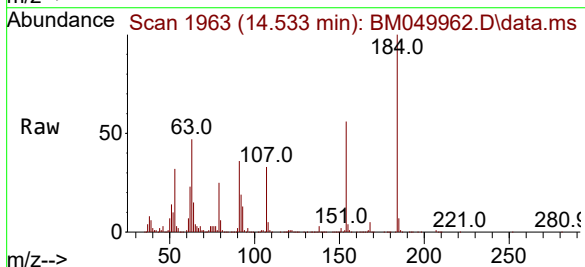
Instrument :
BNA_M
ClientSampleId :
PB167631BS

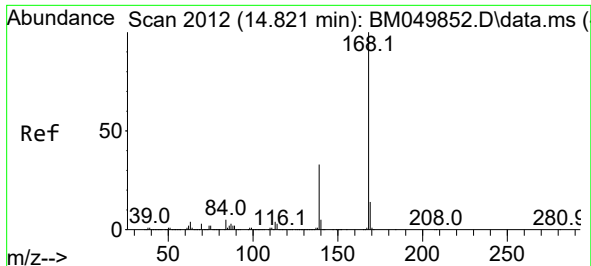
Tgt Ion:138 Resp: 330855
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 100.9 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 78.303 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:184 Resp: 573293
Ion Ratio Lower Upper
184 100
63 46.8 38.4 57.6
154 55.6 48.1 72.1

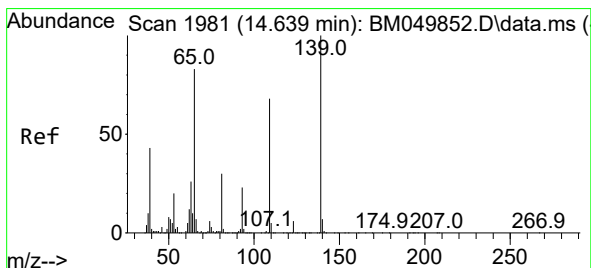
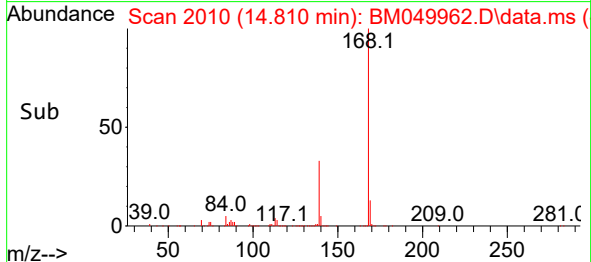
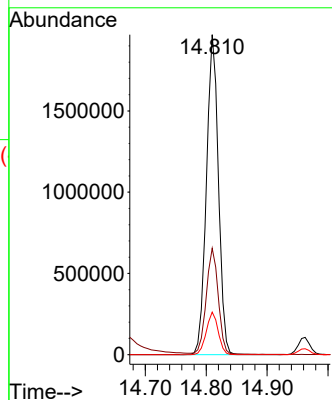
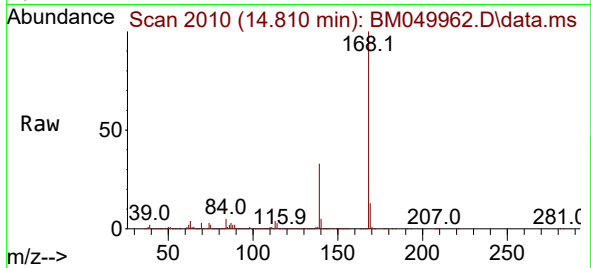




#55
Dibenzenofuran
Concen: 43.330 ng
RT: 14.810 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

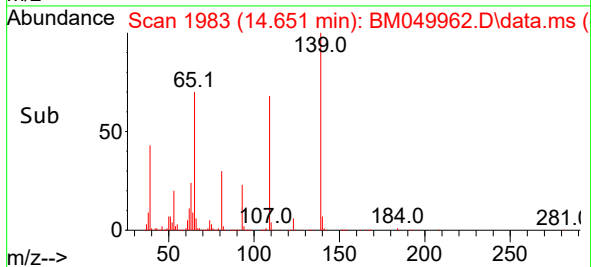
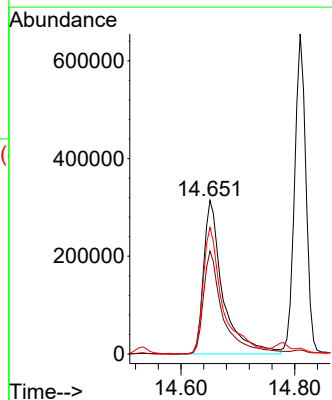
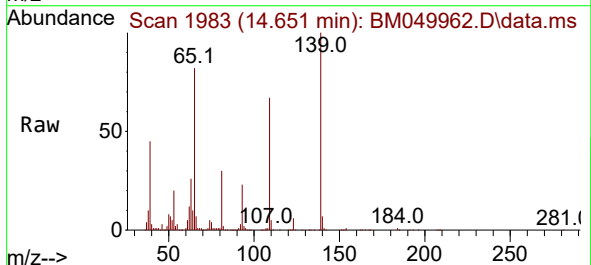
Instrument :
BNA_M
ClientSampleId :
PB167631BS

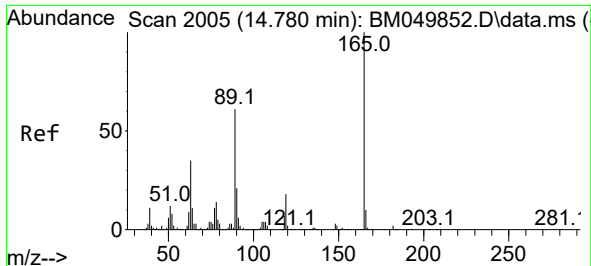
Tgt Ion:168 Resp: 2687992
Ion Ratio Lower Upper
168 100
139 33.3 26.6 39.8
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 84.973 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:139 Resp: 741501
Ion Ratio Lower Upper
139 100
109 67.1 47.9 87.9
65 82.4 62.7 102.7

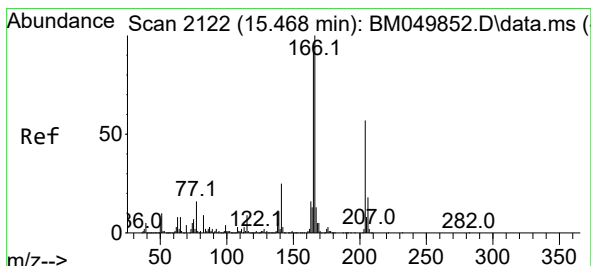
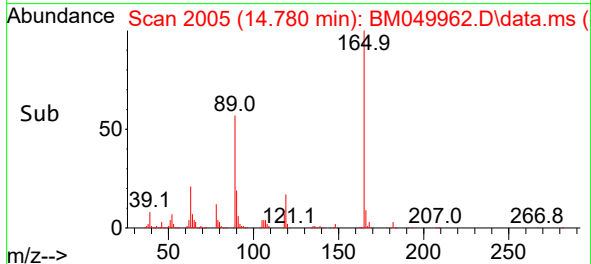
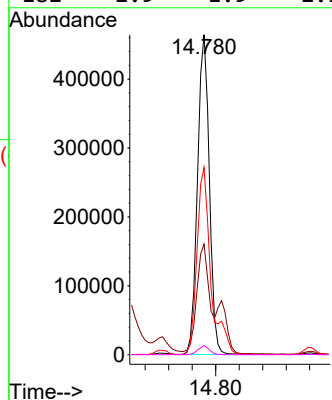
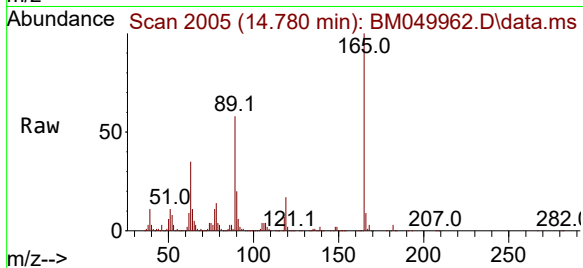




#57
2,4-Dinitrotoluene
Concen: 47.977 ng
RT: 14.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

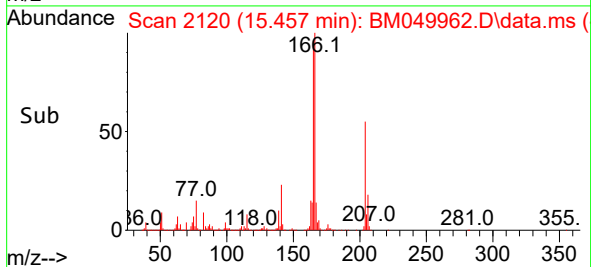
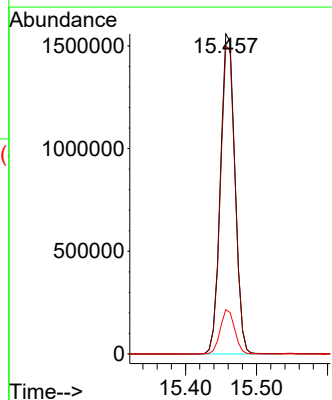
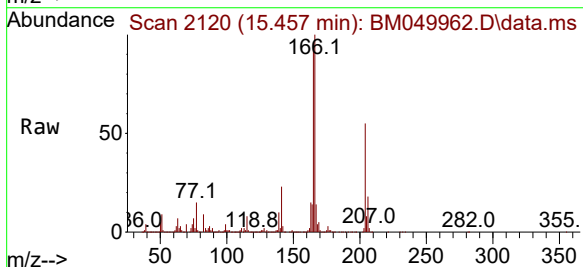
Instrument :
BNA_M
ClientSampleId :
PB167631BS

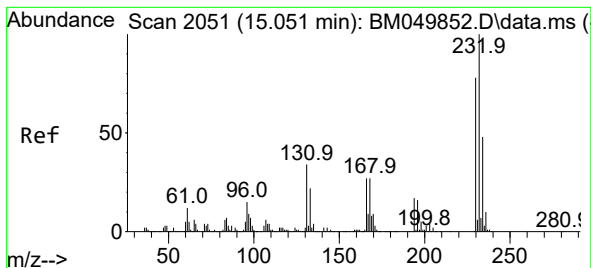
Tgt Ion:165 Resp: 648492
Ion Ratio Lower Upper
165 100
63 34.6 28.6 42.8
89 58.5 49.0 73.6
182 2.9 1.9 2.9



#58
Fluorene
Concen: 44.718 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:166 Resp: 2205046
Ion Ratio Lower Upper
166 100
165 96.4 76.3 114.5
167 13.9 10.7 16.1

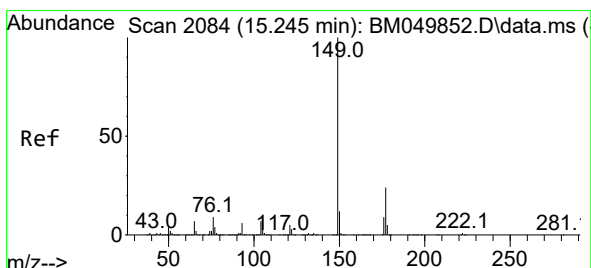
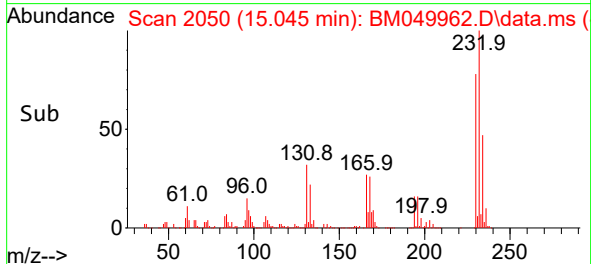
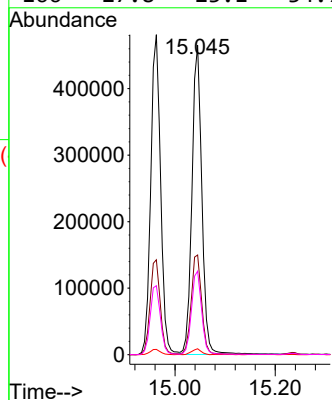
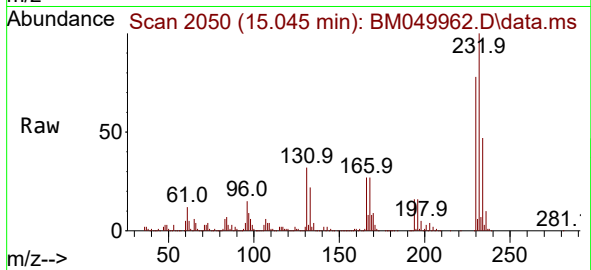




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.866 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

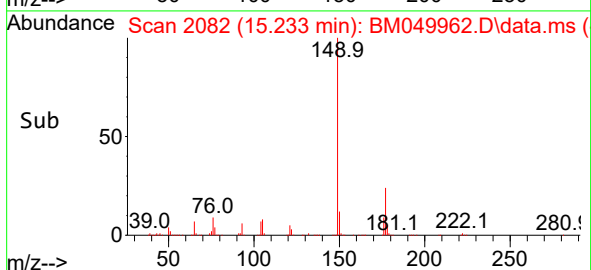
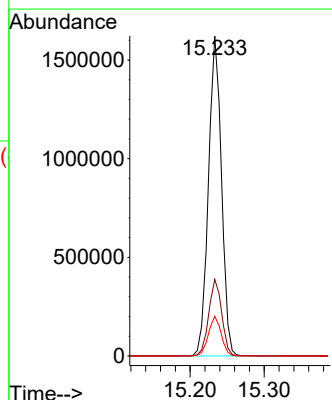
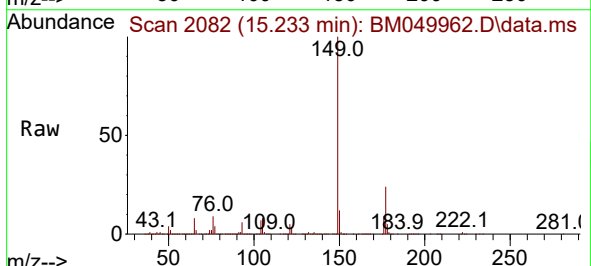
Instrument :
BNA_M
ClientSampleId :
PB167631BS

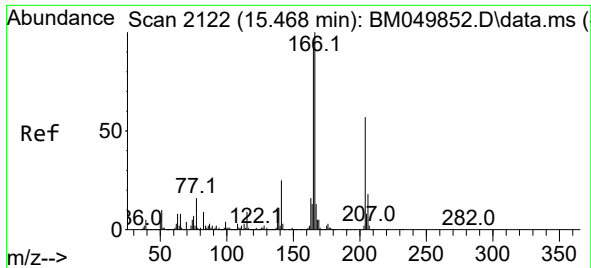
Tgt Ion:232 Resp: 637571
Ion Ratio Lower Upper
232 100
131 33.7 28.4 42.6
130 1.9 1.6 2.4
166 27.8 23.1 34.7



#60
Diethylphthalate
Concen: 42.778 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:149 Resp: 1983867
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.4
150 12.4 9.7 14.5

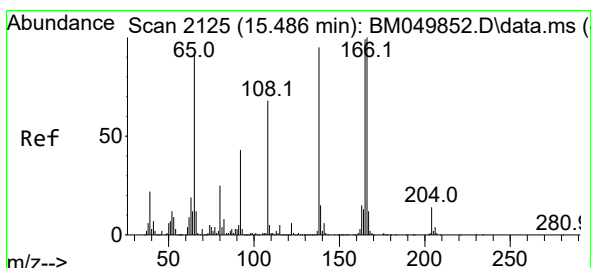
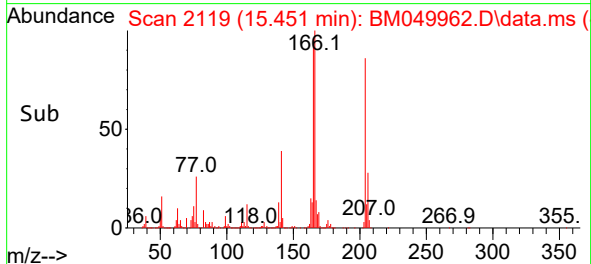
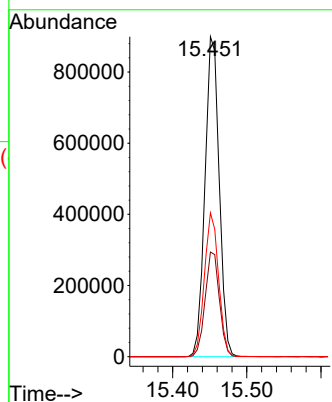
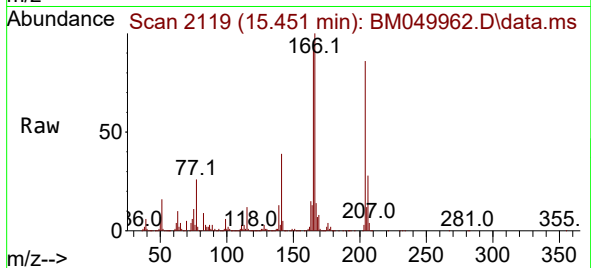




#61
4-Chlorophenyl-phenylether
Concen: 45.468 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

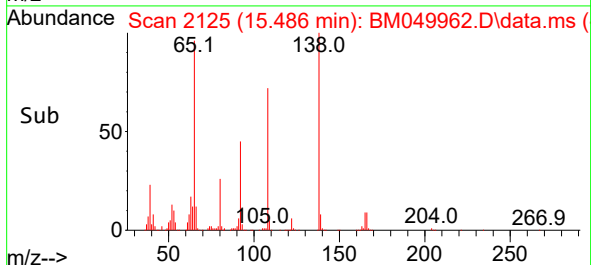
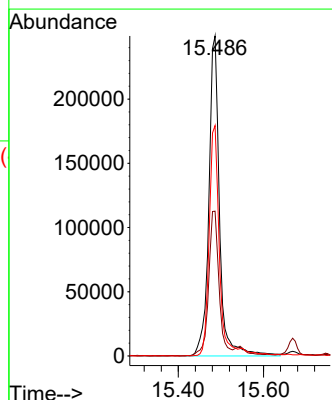
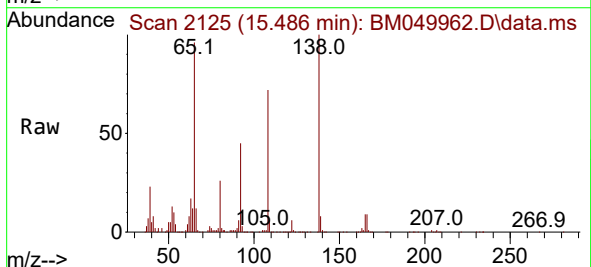
Instrument :
BNA_M
ClientSampleId :
PB167631BS

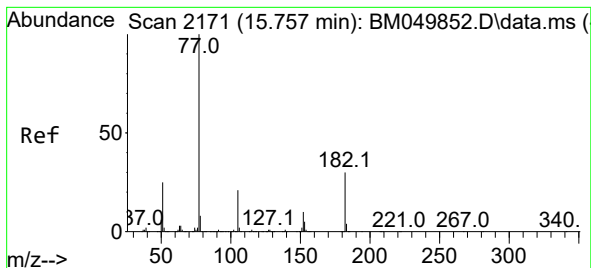
Tgt Ion:204 Resp: 1202038
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 44.9 35.0 52.6



#62
4-Nitroaniline
Concen: 43.107 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:138 Resp: 436534
Ion Ratio Lower Upper
138 100
92 45.2 24.9 64.9
108 72.0 51.7 91.7





#63

Azobenzene

Concen: 43.015 ng

RT: 15.745 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

Tgt Ion: 77 Resp: 1707887

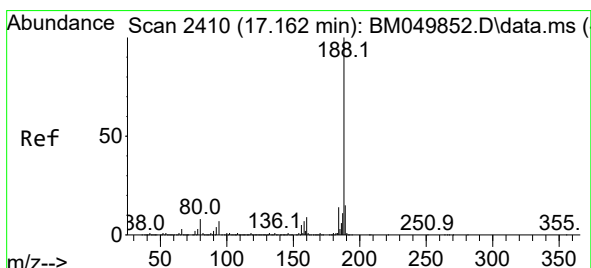
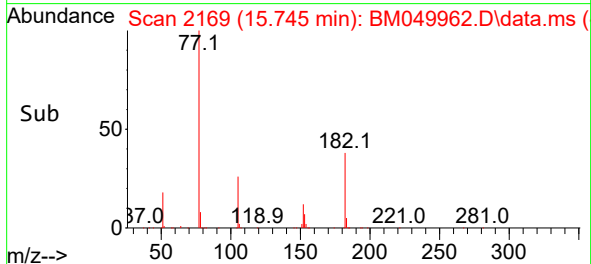
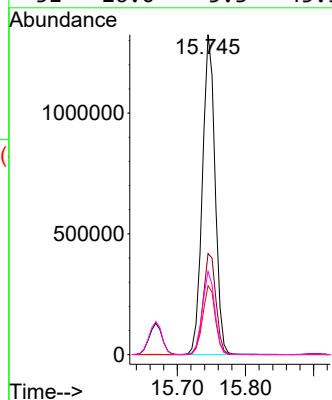
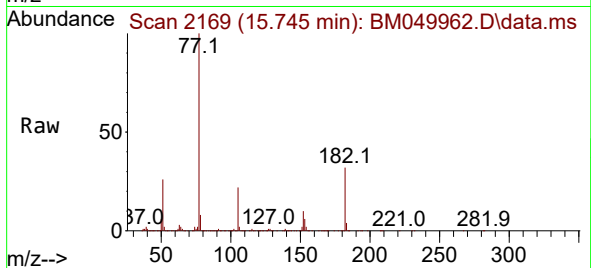
Ion Ratio Lower Upper

77 100

182 31.6 10.4 50.4

105 21.6 1.5 41.5

51 26.0 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

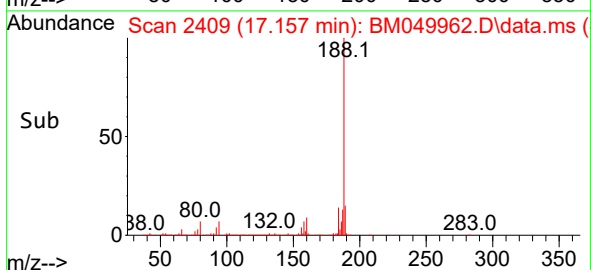
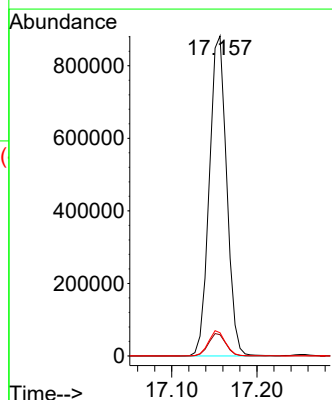
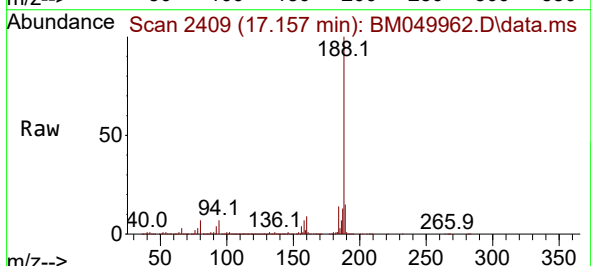
Tgt Ion:188 Resp: 1247262

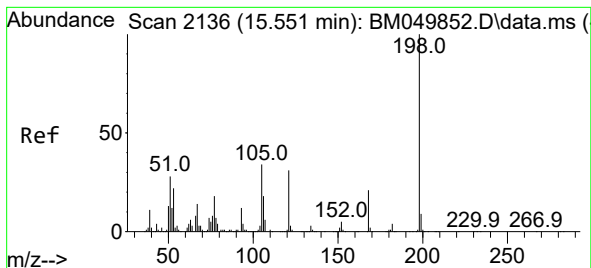
Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

80 7.3 6.4 9.6

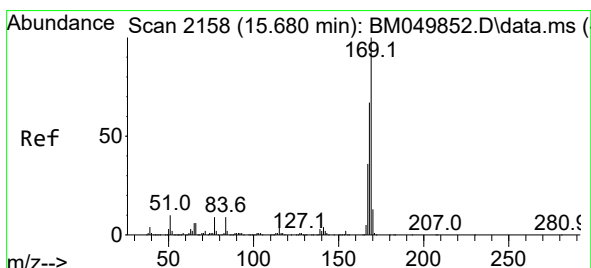
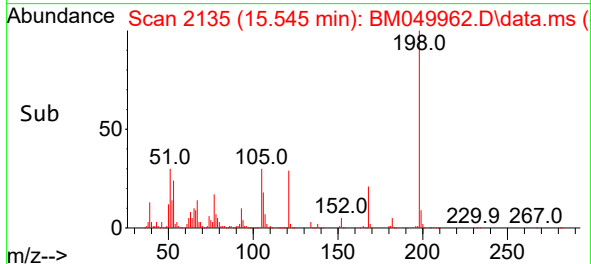
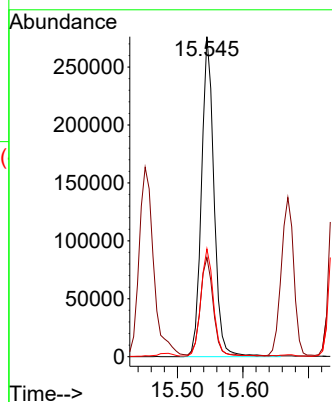
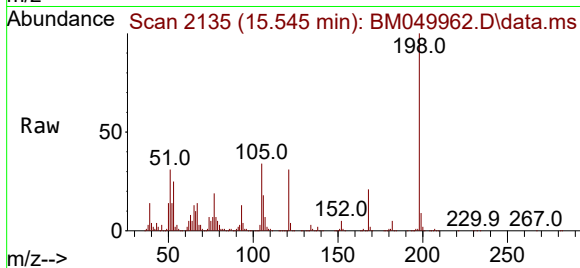




#65
4,6-Dinitro-2-methylphenol
Concen: 46.773 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

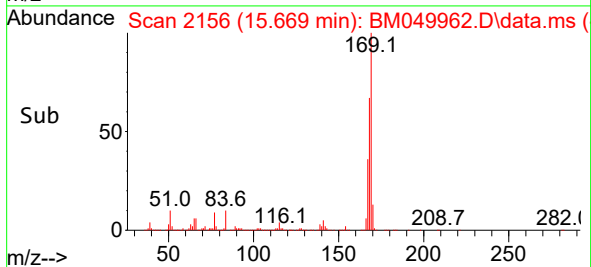
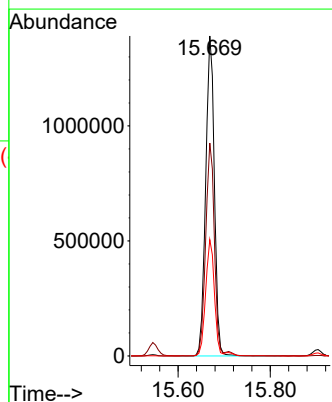
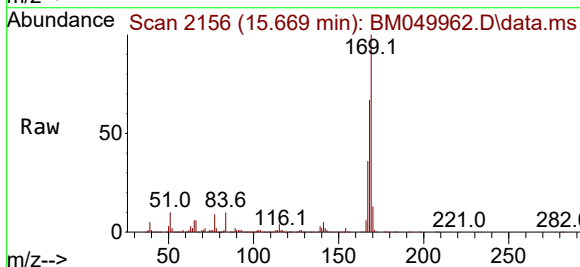
Instrument :
BNA_M
ClientSampleId :
PB167631BS

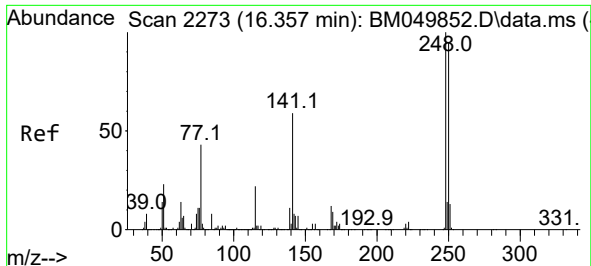
Tgt Ion:198 Resp: 367623
Ion Ratio Lower Upper
198 100
51 31.0 9.6 49.6
105 33.7 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 49.254 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:169 Resp: 1838456
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.4 29.0 43.6

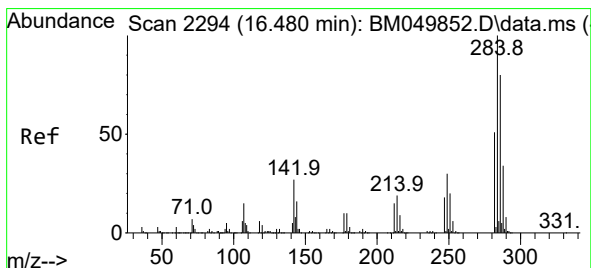
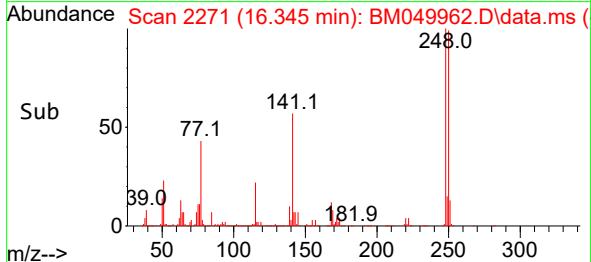
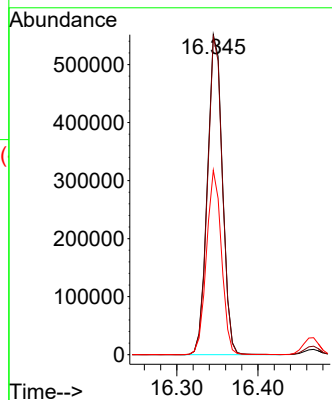
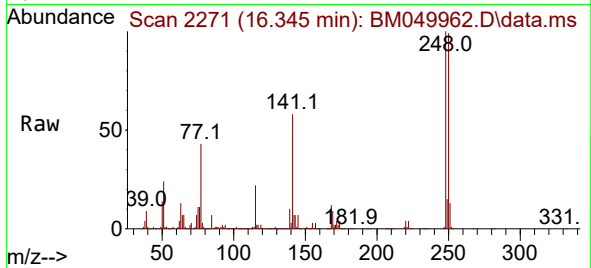




#67
4-Bromophenyl-phenylether
Concen: 48.897 ng
RT: 16.345 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

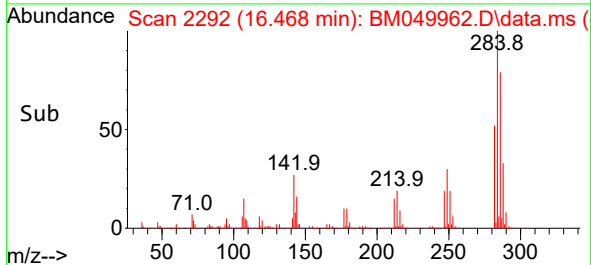
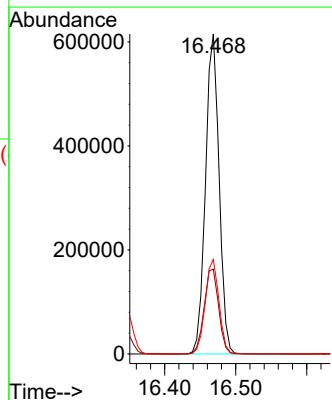
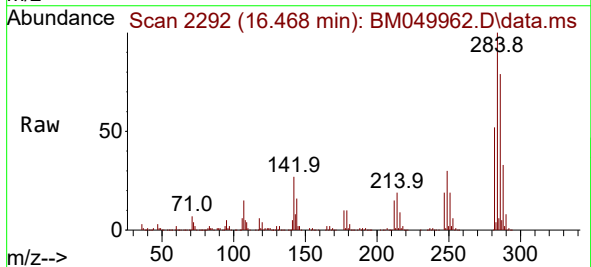
Instrument :
BNA_M
ClientSampleId :
PB167631BS

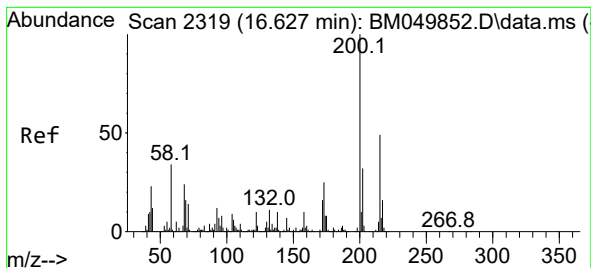
Tgt Ion:248 Resp: 707992
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.2
141 57.6 47.3 70.9



#68
Hexachlorobenzene
Concen: 49.404 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:284 Resp: 820507
Ion Ratio Lower Upper
284 100
142 26.5 21.2 31.8
249 29.5 24.1 36.1





#69

Atrazine

Concen: 65.184 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

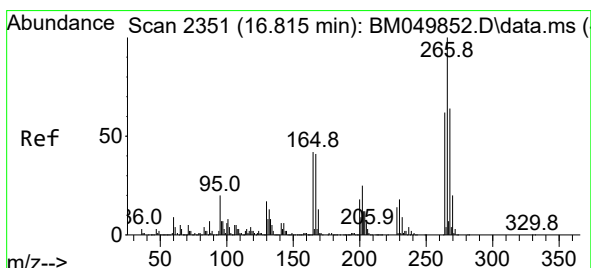
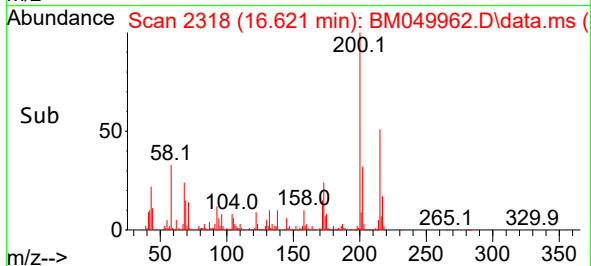
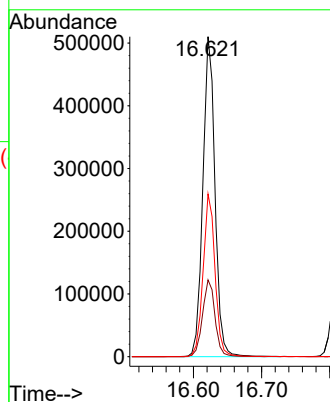
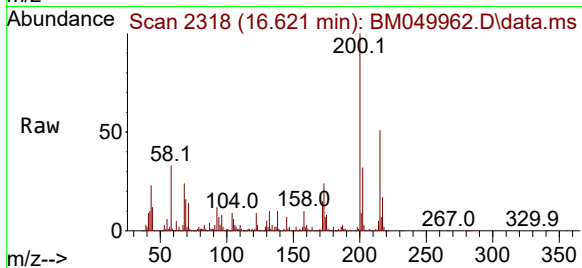
Tgt Ion:200 Resp: 630842

Ion Ratio Lower Upper

200 100

173 24.0 5.4 45.4

215 50.9 29.0 69.0



#70

Pentachlorophenol

Concen: 89.306 ng

RT: 16.815 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

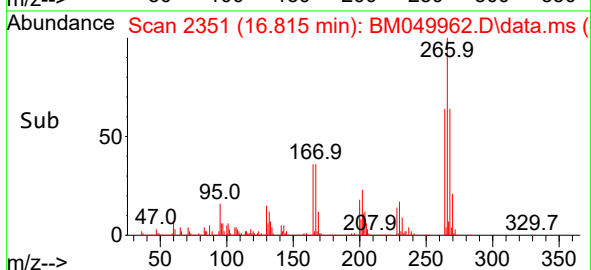
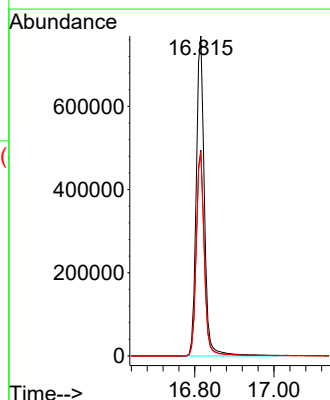
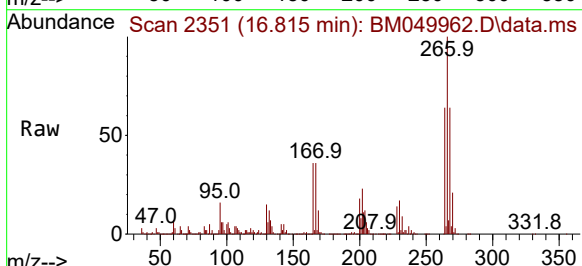
Tgt Ion:266 Resp: 1091956

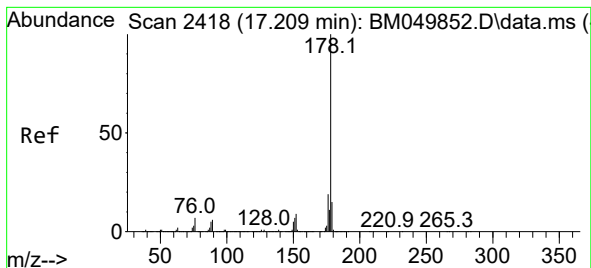
Ion Ratio Lower Upper

266 100

268 64.4 51.4 77.2

264 63.6 49.8 74.8





#71

Phenanthrene

Concen: 48.130 ng

RT: 17.198 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

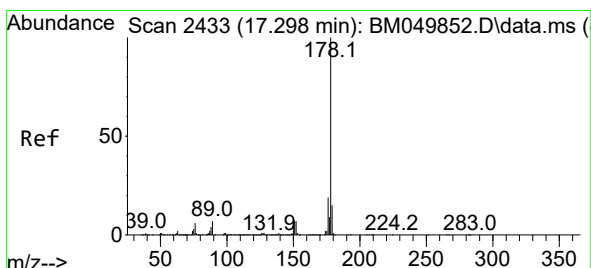
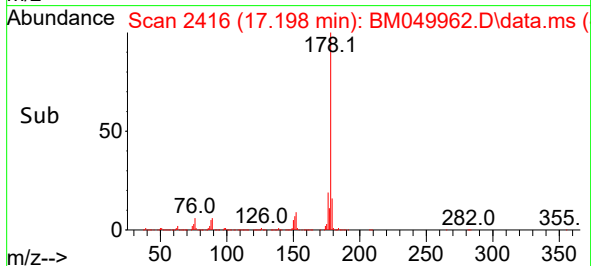
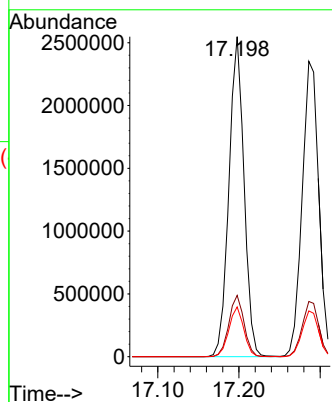
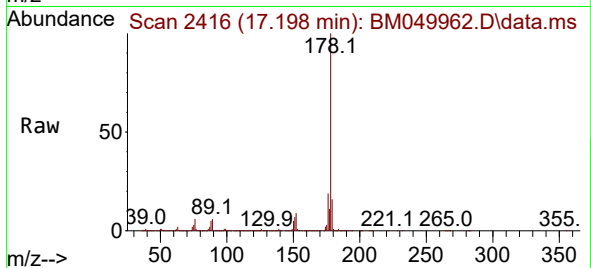
Tgt Ion:178 Resp: 3291108

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 49.769 ng

RT: 17.286 min Scan# 2431

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

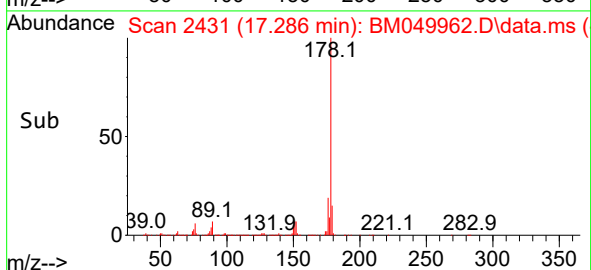
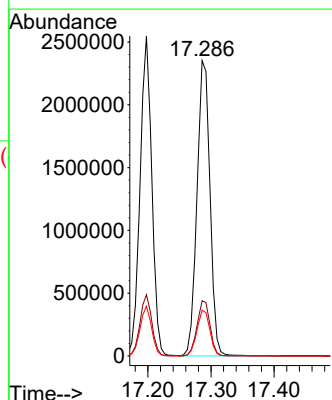
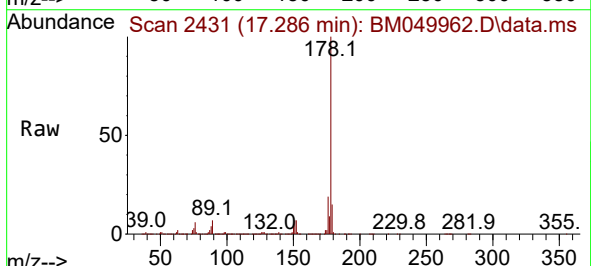
Tgt Ion:178 Resp: 3353756

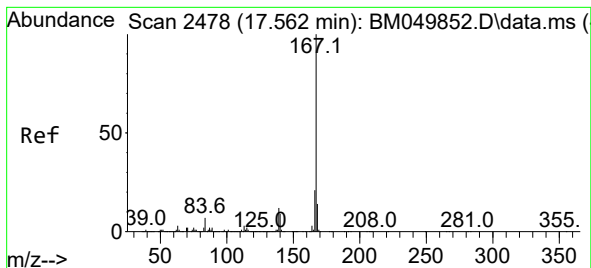
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.5 12.4 18.6





#73

Carbazole

Concen: 46.075 ng

RT: 17.563 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

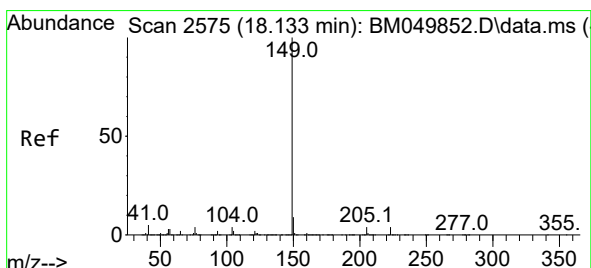
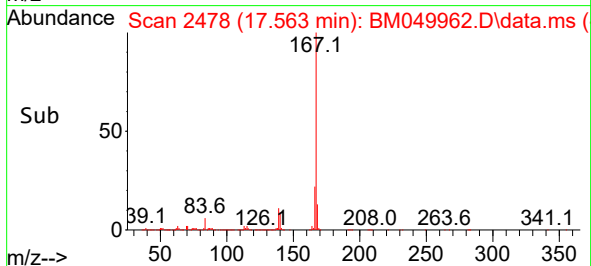
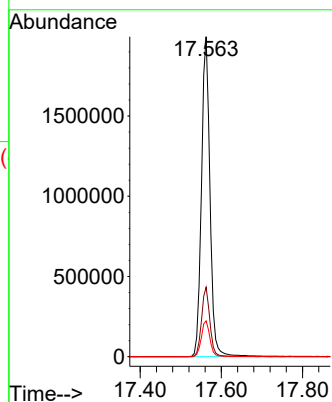
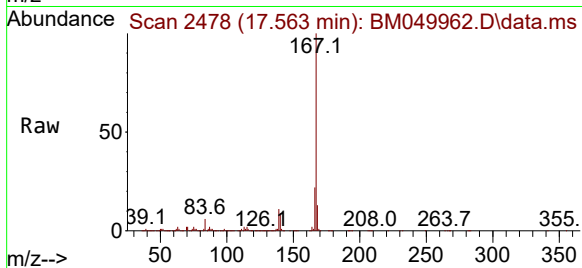
Tgt Ion:167 Resp: 2924409

Ion Ratio Lower Upper

167 100

166 21.7 16.9 25.3

139 11.2 9.3 13.9



#74

Di-n-butylphthalate

Concen: 44.839 ng

RT: 18.121 min Scan# 2573

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

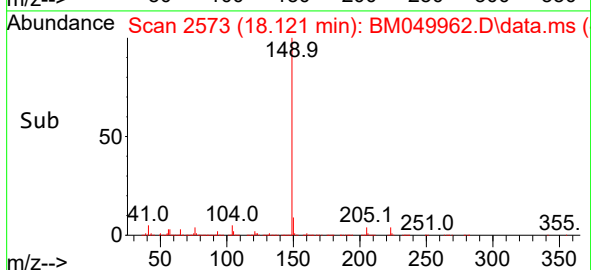
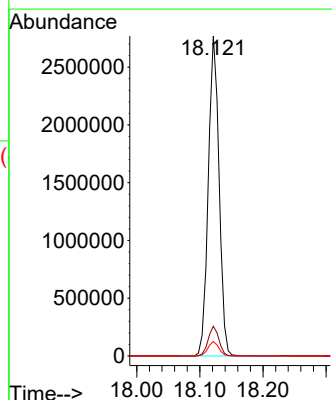
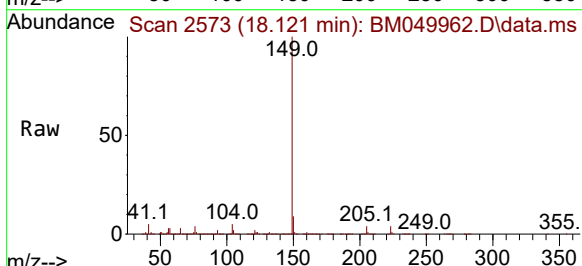
Tgt Ion:149 Resp: 3277994

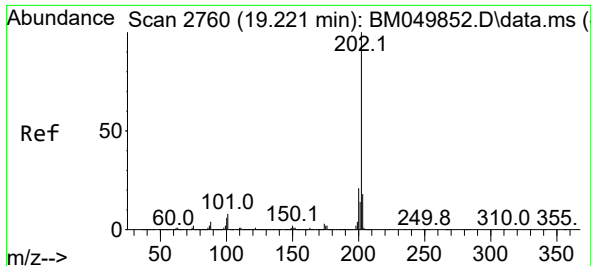
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.5 3.5 5.3

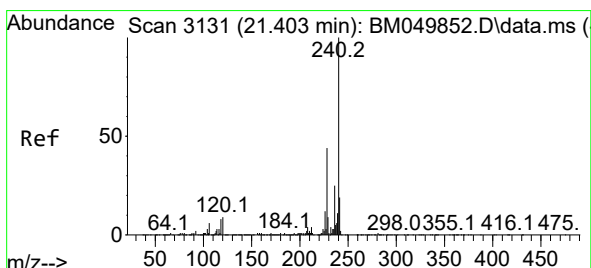
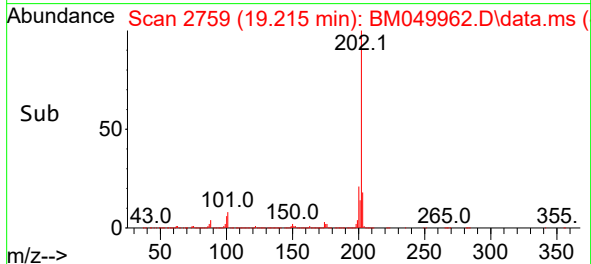
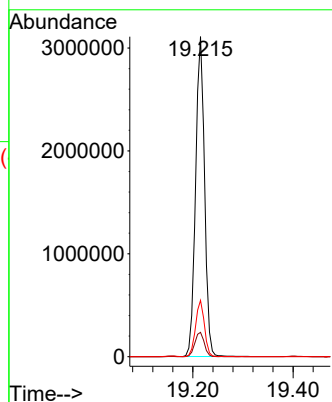
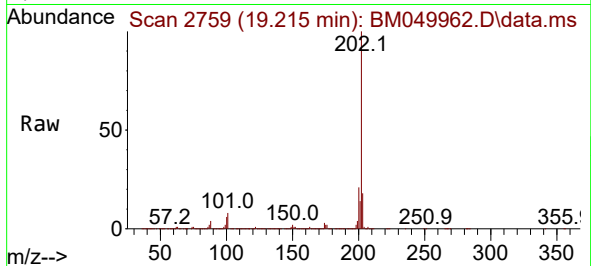




#75
Fluoranthene
Concen: 45.740 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

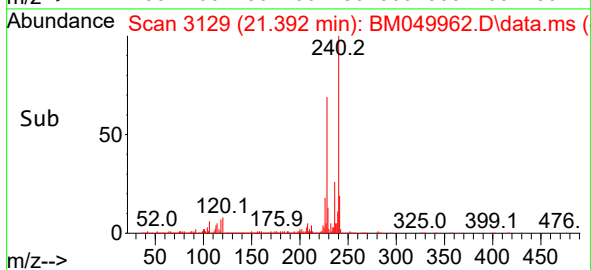
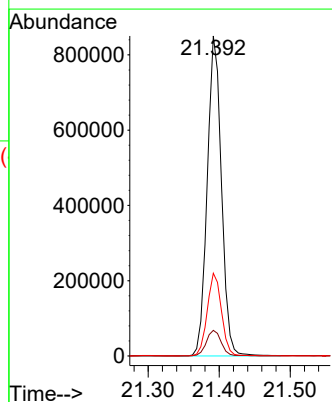
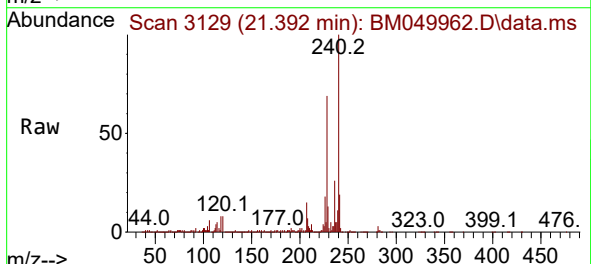
Instrument :
BNA_M
ClientSampleId :
PB167631BS

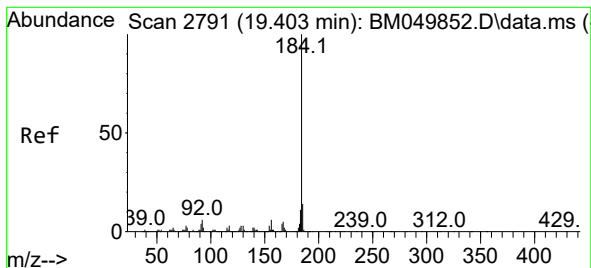
Tgt Ion:202 Resp: 3845602
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.4
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:240 Resp: 1185518
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.9 20.4 30.6





#77

Benzidine

Concen: 110.839 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

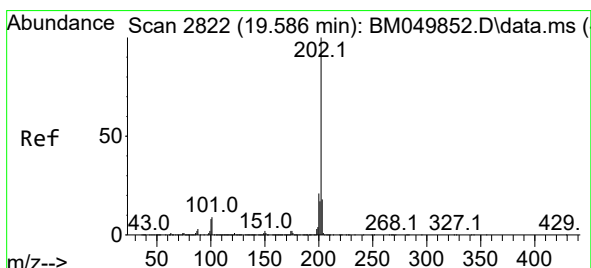
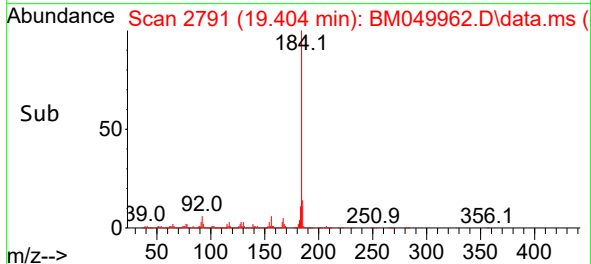
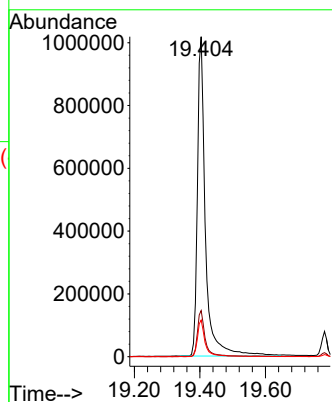
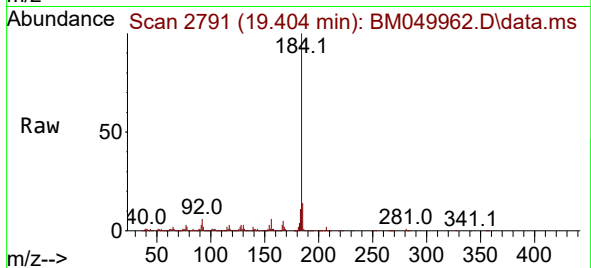
Tgt Ion:184 Resp: 1743222

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 11.4 8.8 13.2



#78

Pyrene

Concen: 48.474 ng

RT: 19.574 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

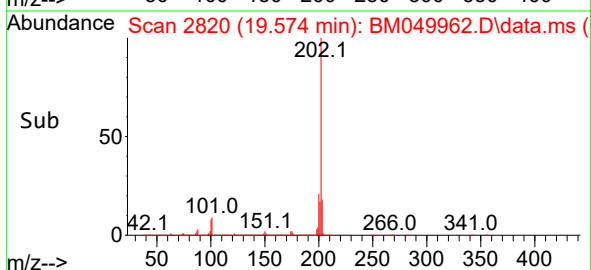
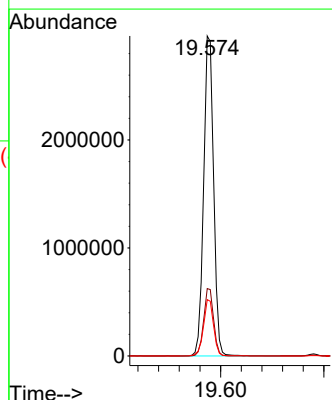
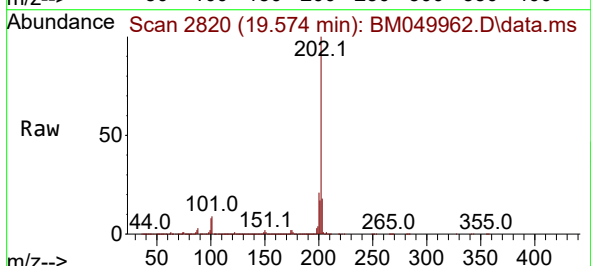
Tgt Ion:202 Resp: 3960509

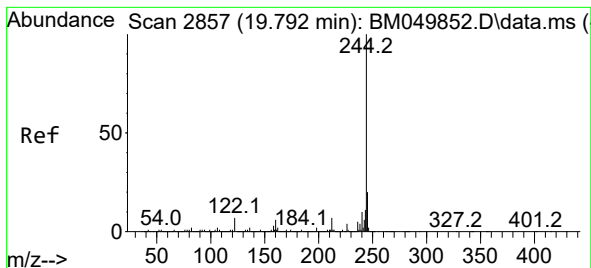
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 105.279 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

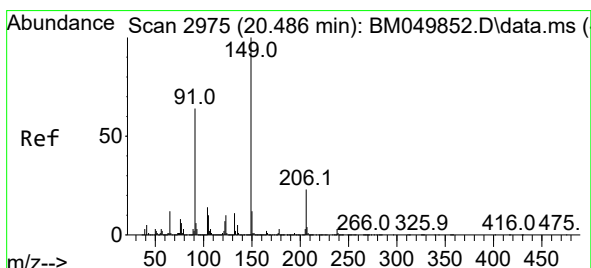
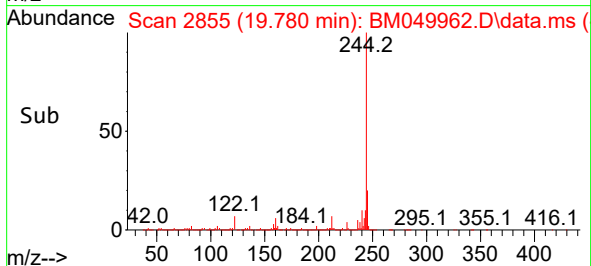
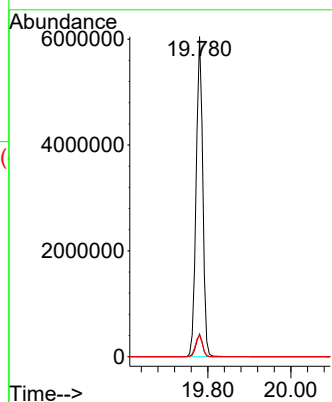
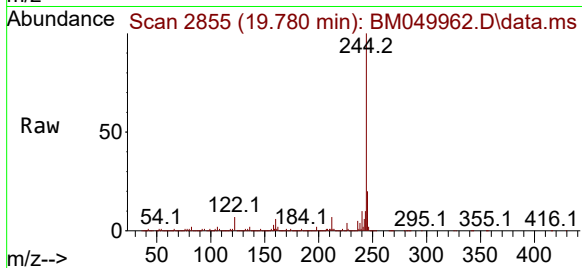
Tgt Ion:244 Resp: 6659941

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 6.7 5.4 8.0



#80

Butylbenzylphthalate

Concen: 46.173 ng

RT: 20.474 min Scan# 2973

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

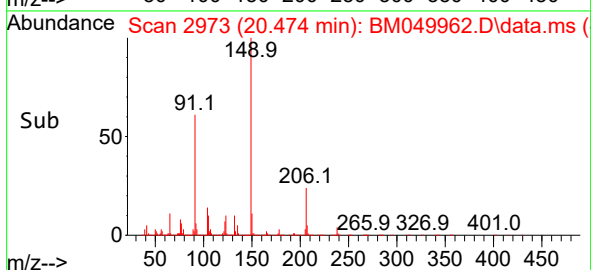
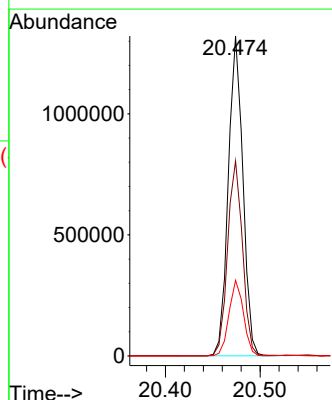
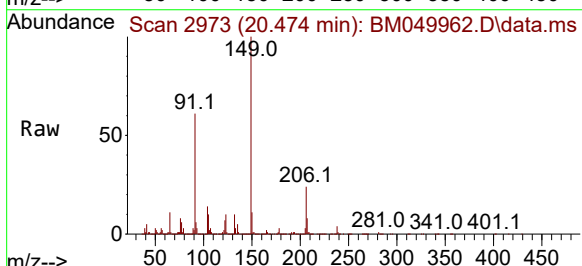
Tgt Ion:149 Resp: 1417531

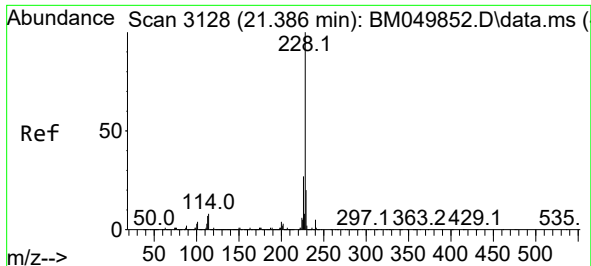
Ion Ratio Lower Upper

149 100

91 60.9 50.9 76.3

206 23.6 18.4 27.6

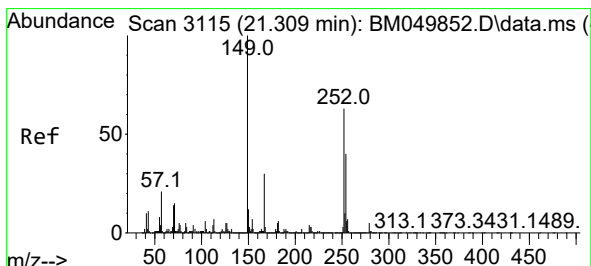
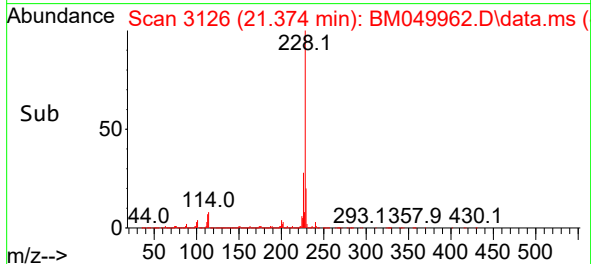
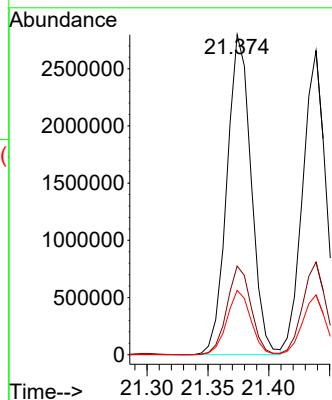
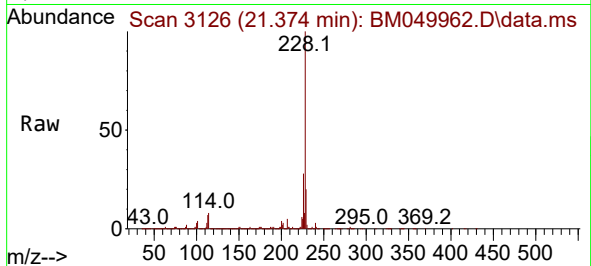




#81
Benzo(a)anthracene
Concen: 49.304 ng
RT: 21.374 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

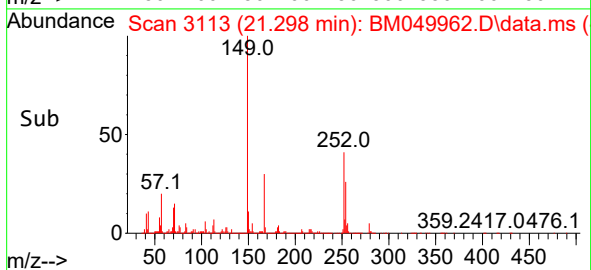
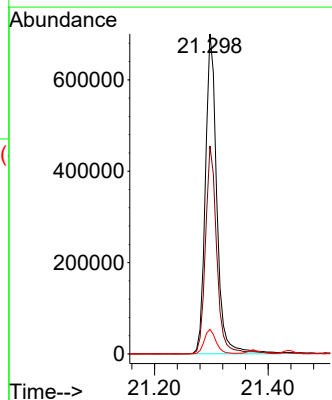
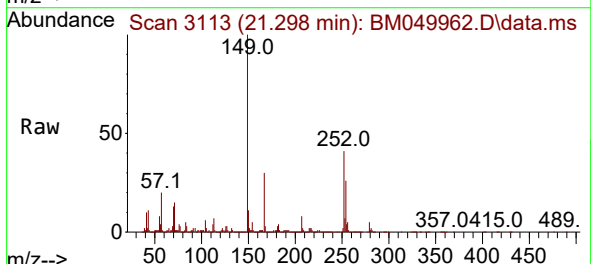
Instrument :
BNA_M
ClientSampleId :
PB167631BS

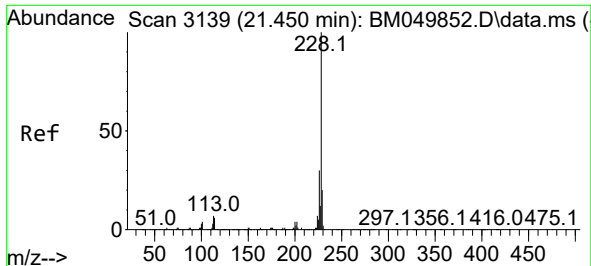
Tgt Ion:228 Resp: 3884589
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 32.862 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BM049962.D
Acq: 18 Apr 2025 12:23

Tgt Ion:252 Resp: 977788
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 7.7 6.3 9.5





#83

Chrysene

Concen: 47.449 ng

RT: 21.439 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

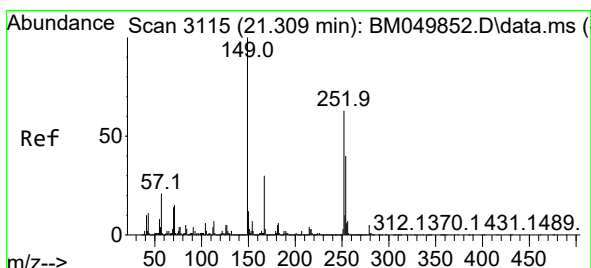
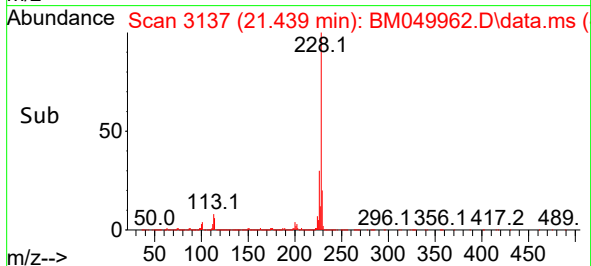
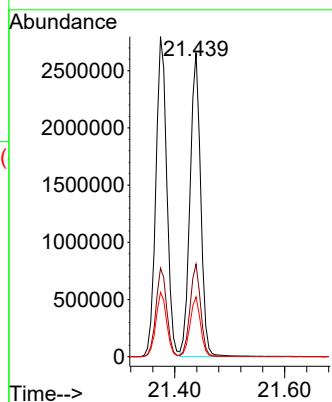
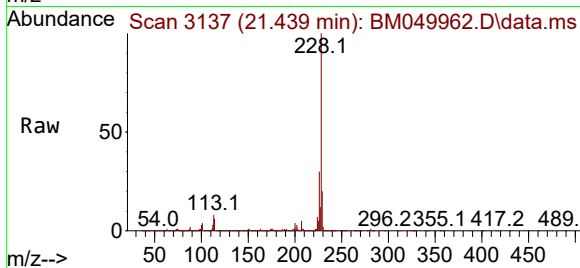
Tgt Ion:228 Resp: 3554198

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.475 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

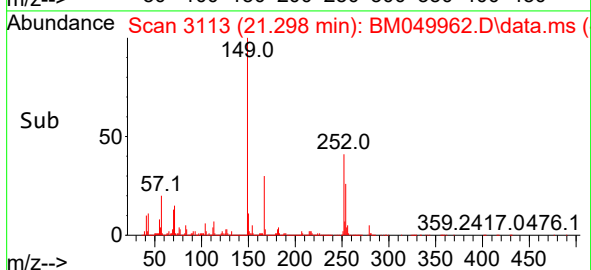
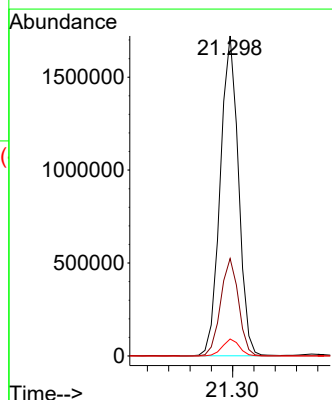
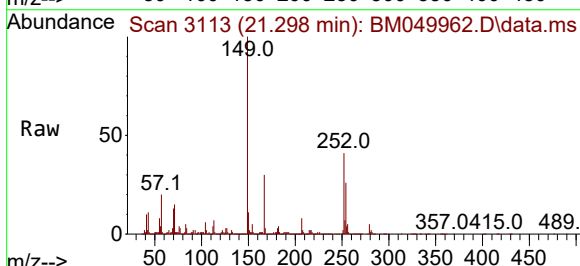
Tgt Ion:149 Resp: 2034054

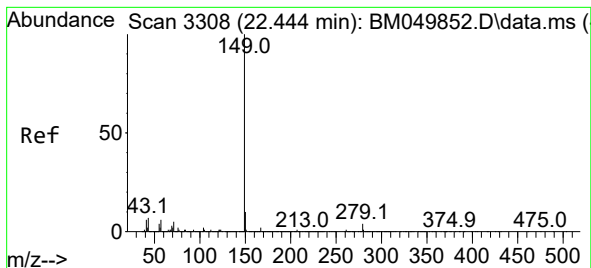
Ion Ratio Lower Upper

149 100

167 30.5 23.8 35.6

279 5.3 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 44.178 ng

RT: 22.427 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

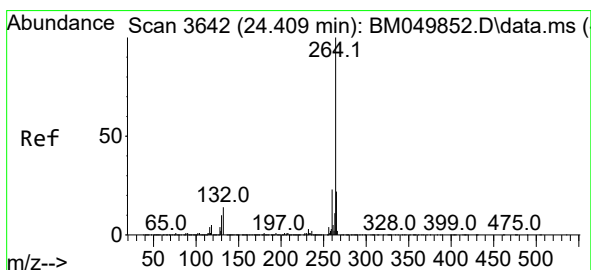
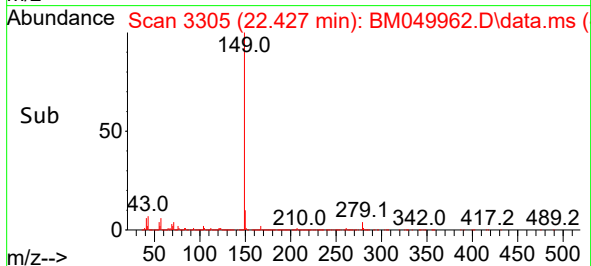
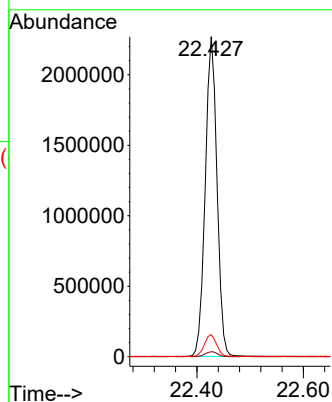
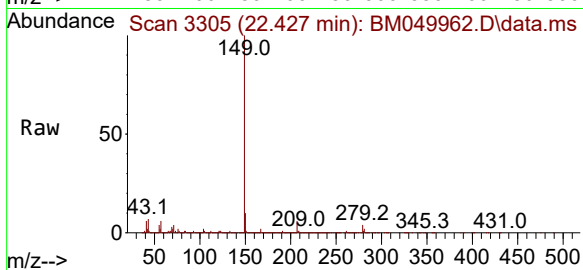
Tgt Ion:149 Resp: 3456968

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: 24.386 min Scan# 3638

Delta R.T. -0.023 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

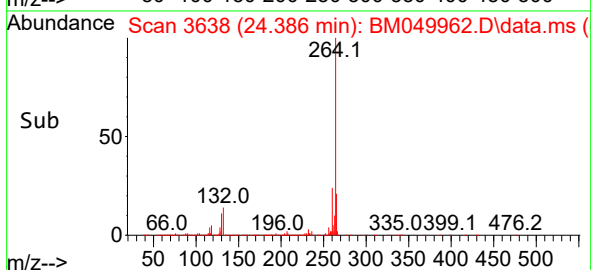
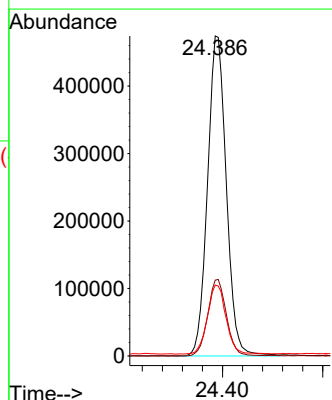
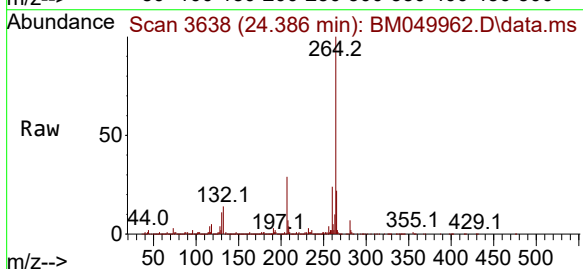
Tgt Ion:264 Resp: 1235014

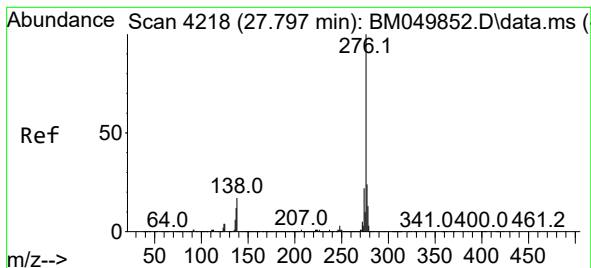
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.629 ng

RT: 27.779 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

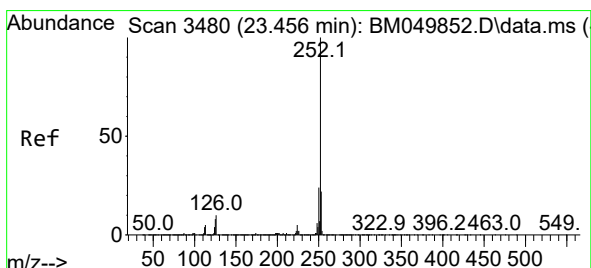
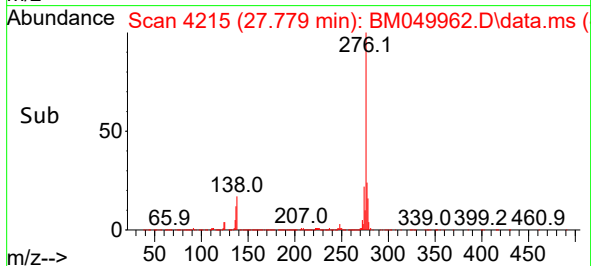
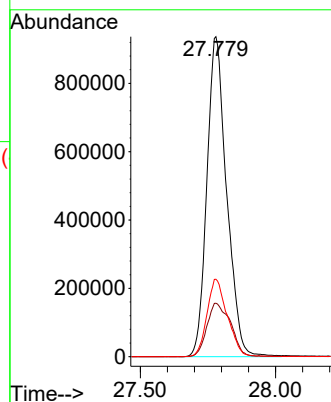
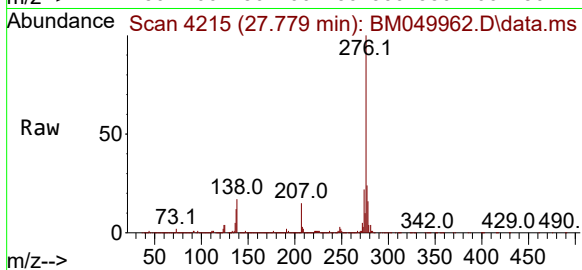
Tgt Ion:276 Resp: 4752974

Ion Ratio Lower Upper

276 100

138 20.0 16.8 25.2

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.479 ng

RT: 23.444 min Scan# 3478

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

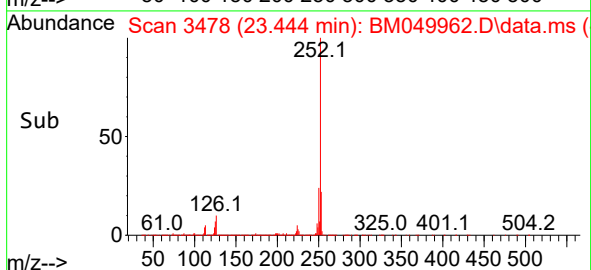
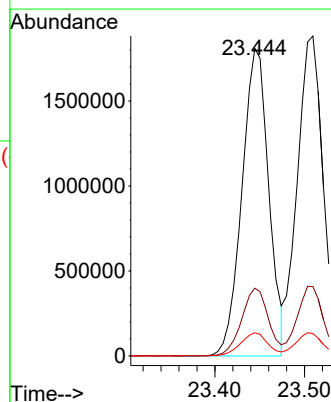
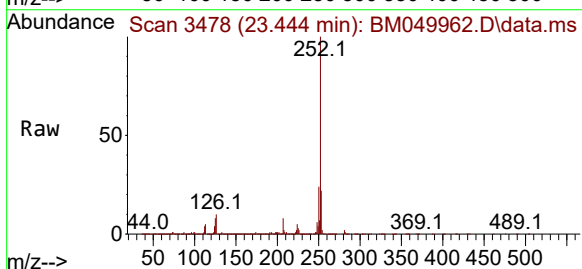
Tgt Ion:252 Resp: 3744940

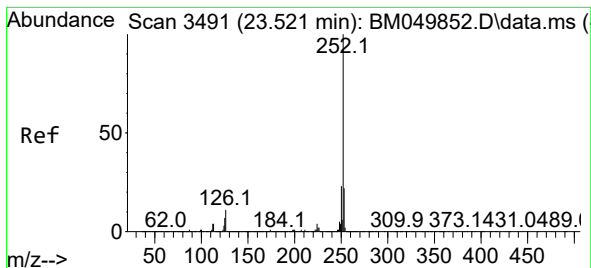
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.5 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 49.843 ng

RT: 23.509 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

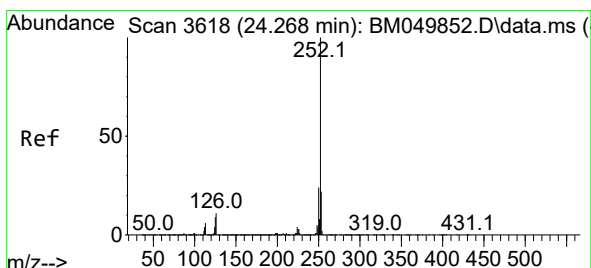
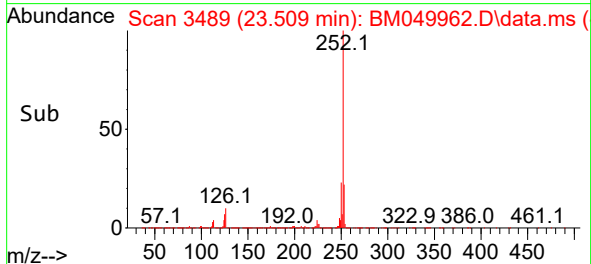
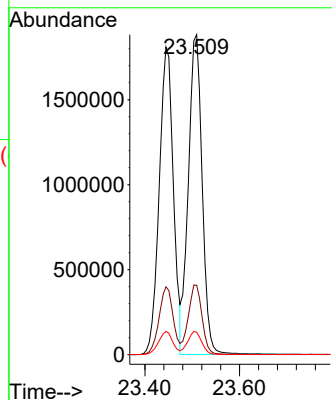
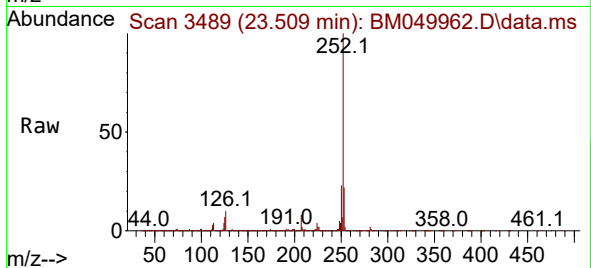
Tgt Ion:252 Resp: 3809784

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 7.0 5.8 8.8



#90

Benzo(a)pyrene

Concen: 52.245 ng

RT: 24.250 min Scan# 3615

Delta R.T. -0.018 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

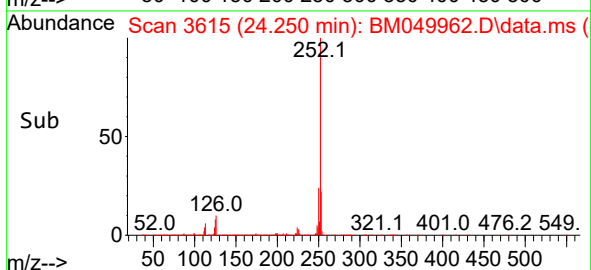
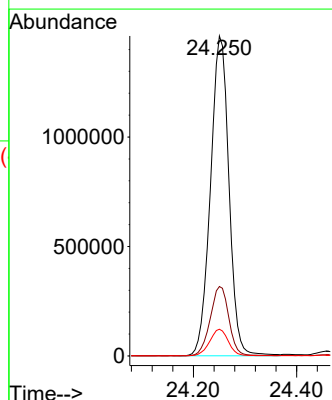
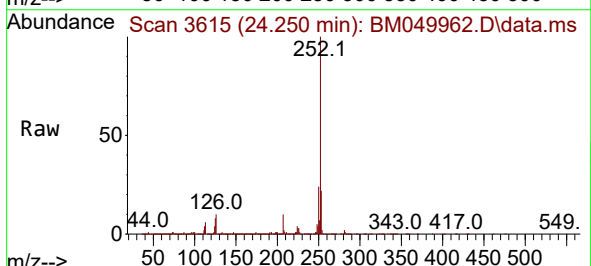
Tgt Ion:252 Resp: 3621161

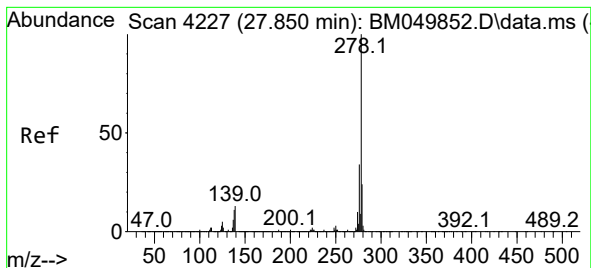
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 51.086 ng

RT: 27.832 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Instrument :

BNA_M

ClientSampleId :

PB167631BS

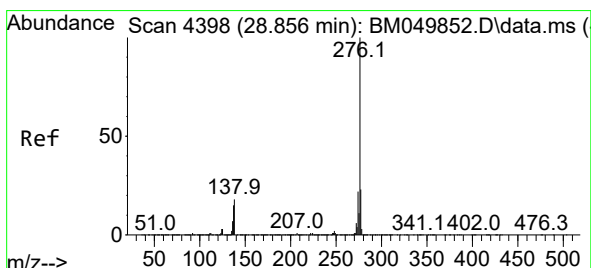
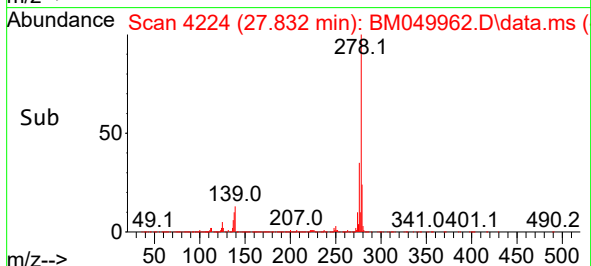
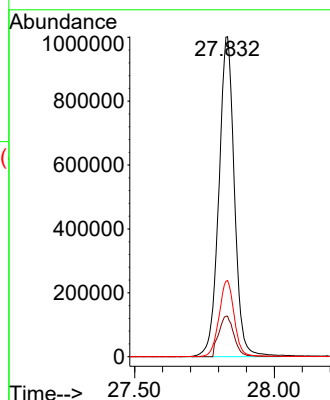
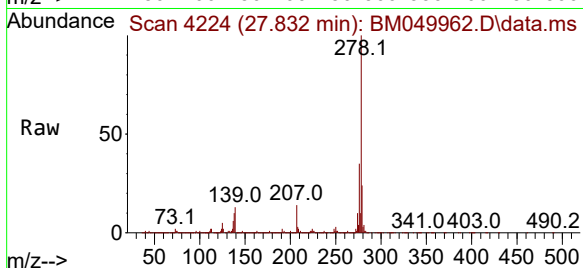
Tgt Ion:278 Resp: 3873761

Ion Ratio Lower Upper

278 100

139 12.7 10.6 15.8

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.488 ng

RT: 28.832 min Scan# 4394

Delta R.T. -0.023 min

Lab File: BM049962.D

Acq: 18 Apr 2025 12:23

Tgt Ion:276 Resp: 3757194

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 17.4 14.6 21.8

