

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010225\
 Data File : BM049321.D
 Acq On : 02 Jan 2025 17:33
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010225

Quant Time: Jan 02 23:07:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 17:54:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	178455	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	695751	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	454907	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	907747	20.000	ng	0.00
76) Chrysene-d12	21.156	240	932860	20.000	ng	0.00
86) Perylene-d12	23.944	264	899795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	857467	75.627	ng	0.00
7) Phenol-d6	6.722	99	1094463	73.070	ng	0.00
23) Nitrobenzene-d5	8.675	82	1061856	72.209	ng	0.00
42) 2,4,6-Tribromophenol	15.668	330	450185	75.224	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	2503226	71.443	ng	0.00
79) Terphenyl-d14	19.574	244	3971916	70.274	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	188897	39.456	ng	99
3) Pyridine	3.534	79	497184	36.234	ng	98
4) n-Nitrosodimethylamine	3.451	42	214824	37.056	ng	98
6) Aniline	6.869	93	657354	53.545	ng	99
8) 2-Chlorophenol	7.098	128	439528	37.636	ng	99
9) Benzaldehyde	6.681	77	284709	33.378	ng	98
10) Phenol	6.745	94	579721	38.597	ng	99
11) bis(2-Chloroethyl)ether	6.969	93	456798	37.878	ng	98
12) 1,3-Dichlorobenzene	7.416	146	512865	36.780	ng	99
13) 1,4-Dichlorobenzene	7.563	146	516726	36.617	ng	99
14) 1,2-Dichlorobenzene	7.875	146	499585	36.641	ng	99
15) Benzyl Alcohol	7.769	79	400524	42.106	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.051	45	699235	39.829	ng	100
17) 2-Methylphenol	7.975	107	363210	39.130	ng	98
18) Hexachloroethane	8.586	117	193821	37.259	ng	99
19) n-Nitroso-di-n-propyla...	8.333	70	386369	40.503	ng	97
20) 3+4-Methylphenols	8.304	107	496379	38.932	ng	99
22) Acetophenone	8.339	105	737557	38.816	ng	# 98
24) Nitrobenzene	8.716	77	534577	35.565	ng	99
25) Isophorone	9.239	82	969283	39.021	ng	100
26) 2-Nitrophenol	9.416	139	231600	40.404	ng	98
27) 2,4-Dimethylphenol	9.492	122	340197	46.799	ng	99
28) bis(2-Chloroethoxy)met...	9.722	93	596686	37.230	ng	99
29) 2,4-Dichlorophenol	9.945	162	442814	38.752	ng	98
30) 1,2,4-Trichlorobenzene	10.157	180	498914	34.758	ng	99
31) Naphthalene	10.339	128	1371279	36.261	ng	100
32) Benzoic acid	9.633	122	270656	36.057	ng	98
33) 4-Chloroaniline	10.457	127	567330	44.195	ng	99
34) Hexachlorobutadiene	10.627	225	317900	34.931	ng	99
35) Caprolactam	11.239	113	128593	38.262	ng	96
36) 4-Chloro-3-methylphenol	11.592	107	427184	38.504	ng	100
37) 2-Methylnaphthalene	11.963	142	984636	37.755	ng	99
38) 1-Methylnaphthalene	12.180	142	922595	35.697	ng	99
40) 1,2,4,5-Tetrachloroben...	12.339	216	596023	38.640	ng	99
41) Hexachlorocyclopentadiene	12.321	237	308257	63.140	ng	98
43) 2,4,6-Trichlorophenol	12.586	196	370337	38.774	ng	98

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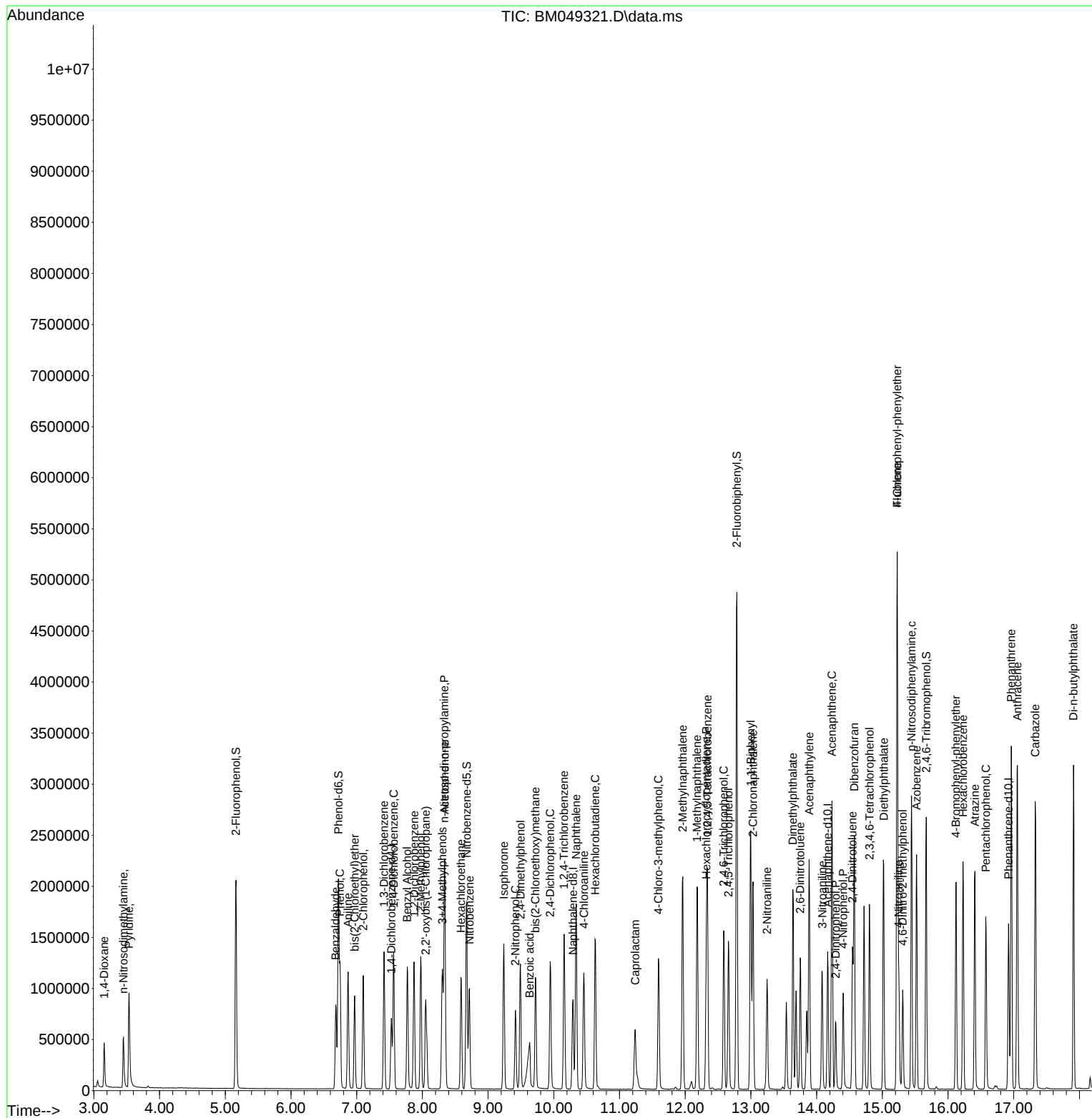
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	398334	37.088	ng	99
46) 1,1'-Biphenyl	12.998	154	1334243	38.877	ng	99
47) 2-Chloronaphthalene	13.033	162	1018927	36.141	ng	98
48) 2-Nitroaniline	13.245	65	293777	39.847	ng	99
49) Acenaphthylene	13.886	152	1554312	39.972	ng	100
50) Dimethylphthalate	13.639	163	1251486	37.416	ng	99
51) 2,6-Dinitrotoluene	13.751	165	261491	36.524	ng	100
52) Acenaphthene	14.233	154	948963	37.625	ng	99
53) 3-Nitroaniline	14.086	138	275745	41.452	ng	92
54) 2,4-Dinitrophenol	14.292	184	138339	35.679	ng	99
55) Dibenzofuran	14.574	168	1545320	37.044	ng	99
56) 4-Nitrophenol	14.404	139	223443	38.409	ng	97
57) 2,4-Dinitrotoluene	14.545	165	363780	37.916	ng	99
58) Fluorene	15.227	166	1273161	37.318	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.804	232	350036	39.027	ng	99
60) Diethylphthalate	15.021	149	1225387	37.498	ng	99
61) 4-Chlorophenyl-phenyle...	15.227	204	681629	36.598	ng	99
62) 4-Nitroaniline	15.251	138	276355	36.179	ng	98
63) Azobenzene	15.521	77	1193598	37.728	ng	99
65) 4,6-Dinitro-2-methylph...	15.309	198	204399	39.867	ng	99
66) n-Nitrosodiphenylamine	15.445	169	1058709	40.640	ng	100
67) 4-Bromophenyl-phenylether	16.121	248	374116	38.094	ng	99
68) Hexachlorobenzene	16.227	284	442412	37.528	ng	100
69) Atrazine	16.409	200	379402	58.932	ng	98
70) Pentachlorophenol	16.574	266	285053	39.137	ng	99
71) Phenanthrene	16.962	178	1933601	39.970	ng	100
72) Anthracene	17.056	178	1954071	42.556	ng	99
73) Carbazole	17.327	167	1775923	39.588	ng	100
74) Di-n-butylphthalate	17.909	149	2078646	40.916	ng	100
75) Fluoranthene	18.992	202	2294763	39.068	ng	99
77) Benzidine	19.186	184	819235	61.719	ng	99
78) Pyrene	19.356	202	2457227	35.767	ng	100
80) Butylbenzylphthalate	20.286	149	879720	37.902	ng	95
81) Benzo(a)anthracene	21.139	228	2456378	36.943	ng	100
82) 3,3'-Dichlorobenzidine	21.074	252	800124	39.602	ng	100
83) Chrysene	21.197	228	2261995	35.897	ng	99
84) Bis(2-ethylhexyl)phtha...	21.091	149	1352114	38.006	ng	98
85) Di-n-octyl phthalate	22.156	149	2118028	35.997	ng	100
87) Indeno(1,2,3-cd)pyrene	27.044	276	2680560	40.487	ng	99
88) Benzo(b)fluoranthene	23.074	252	2256177	37.447	ng	99
89) Benzo(k)fluoranthene	23.127	252	2305134	39.289	ng	99
90) Benzo(a)pyrene	23.815	252	2118573	41.478	ng	98
91) Dibenzo(a,h)anthracene	27.097	278	2185279	39.580	ng	100
92) Benzo(g,h,i)perylene	28.003	276	1958177	35.375	ng	100

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

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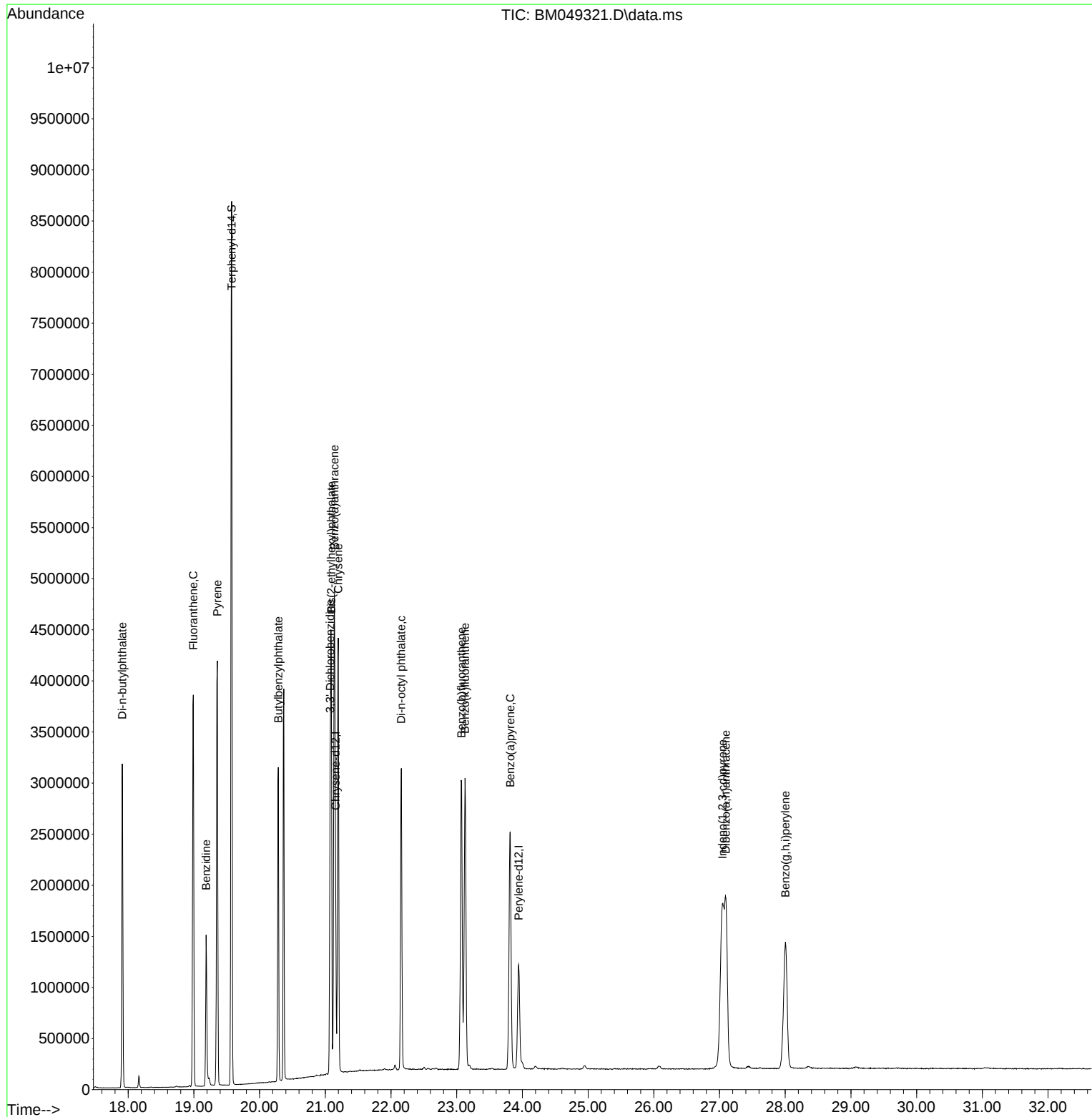
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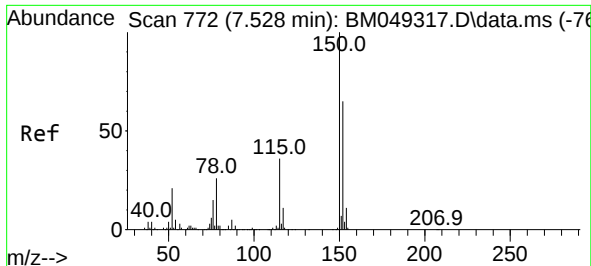


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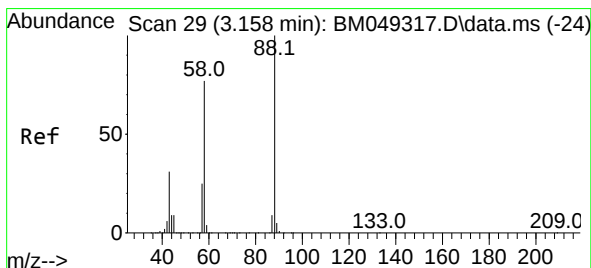
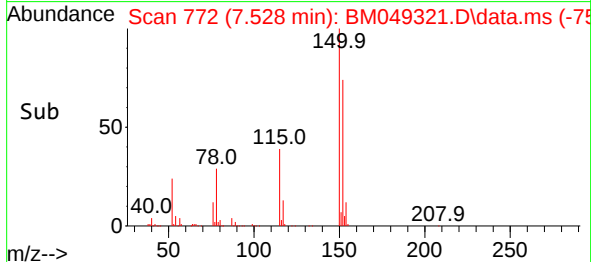
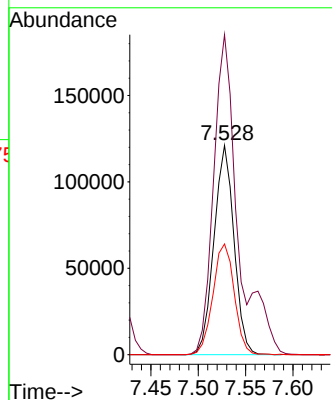
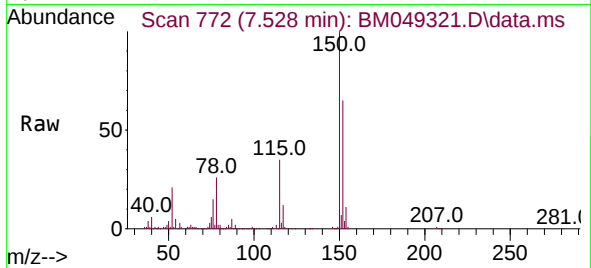




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.528 min Scan# 71
Delta R.T. -0.000 min
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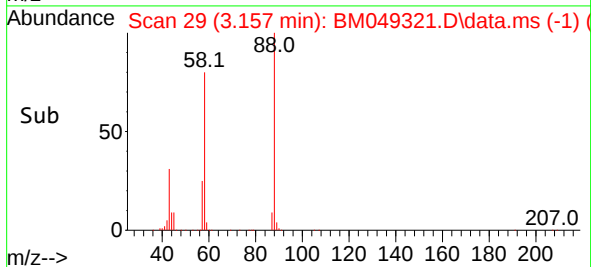
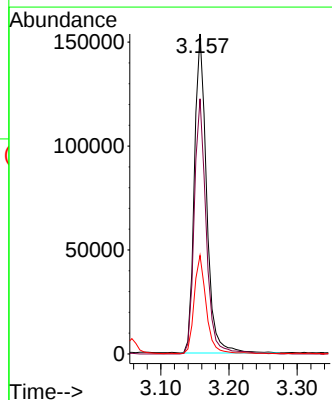
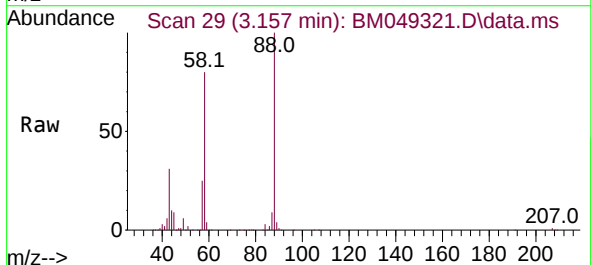
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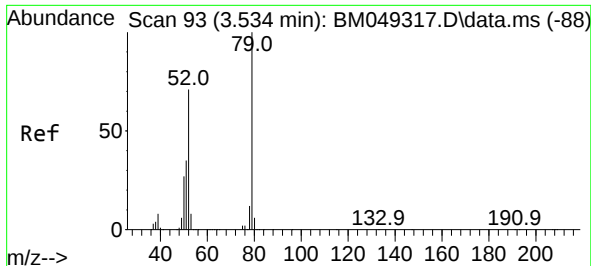
Tgt Ion:152 Resp: 178455
Ion Ratio Lower Upper
152 100
150 152.9 124.0 186.0
115 52.9 44.6 67.0



#2
1,4-Dioxane
Concen: 39.456 ng
RT: 3.157 min Scan# 29
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion: 88 Resp: 188897
Ion Ratio Lower Upper
88 100
58 78.7 62.5 93.7
43 30.3 24.2 36.4

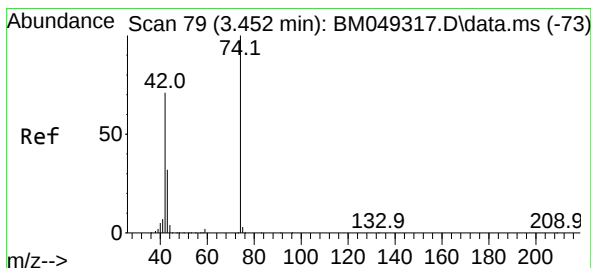
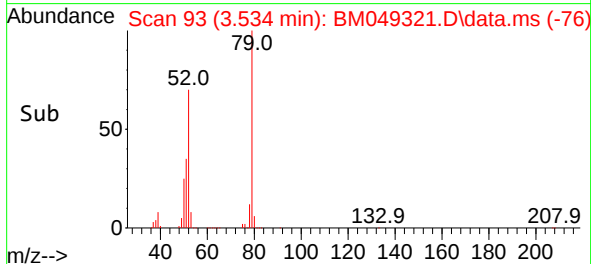
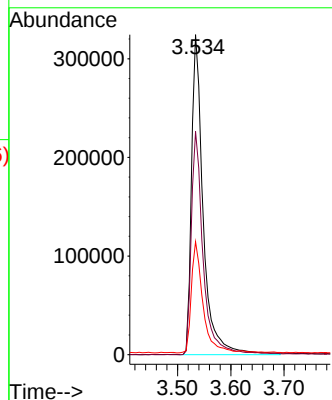
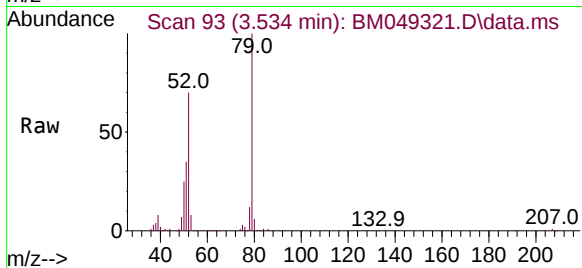




#3
Pyridine
Concen: 36.234 ng
RT: 3.534 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM049321.D
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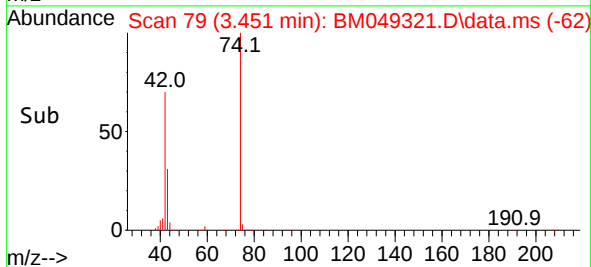
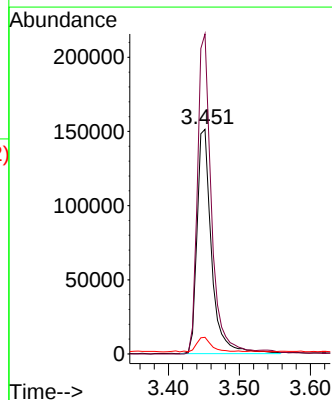
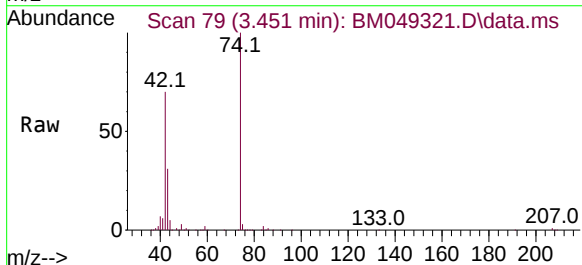
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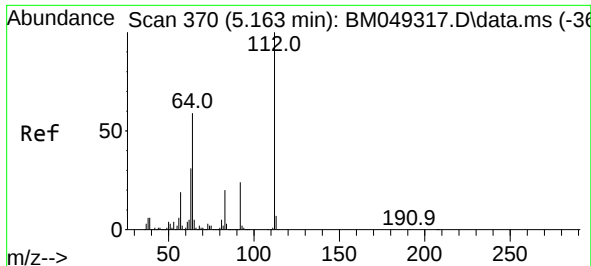
Tgt Ion: 79 Resp: 497184
Ion Ratio Lower Upper
79 100
52 69.8 56.9 85.3
51 35.3 28.9 43.3



#4
n-Nitrosodimethylamine
Concen: 37.056 ng
RT: 3.451 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion: 42 Resp: 214824
Ion Ratio Lower Upper
42 100
74 142.4 112.4 168.6
44 7.4 5.8 8.8

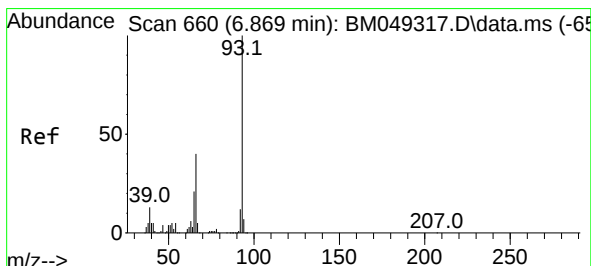
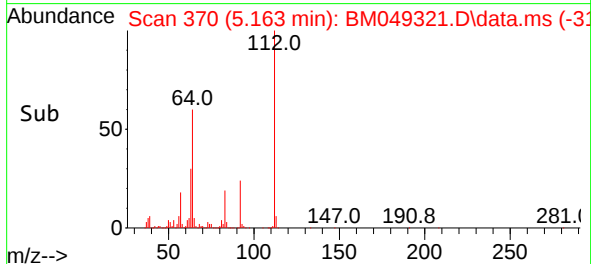
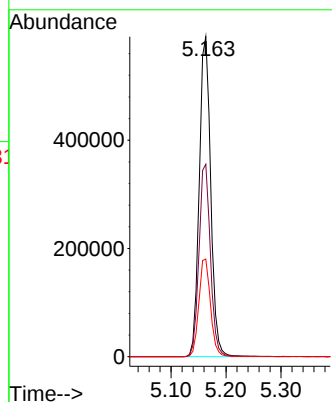
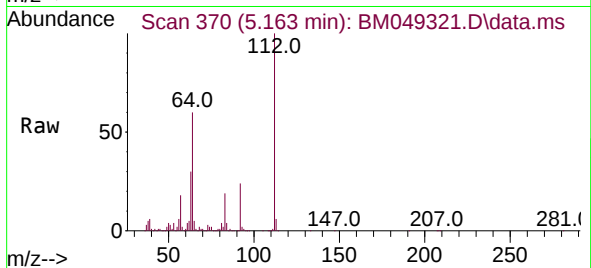




#5
2-Fluorophenol
Concen: 75.627 ng
RT: 5.163 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM049321.D
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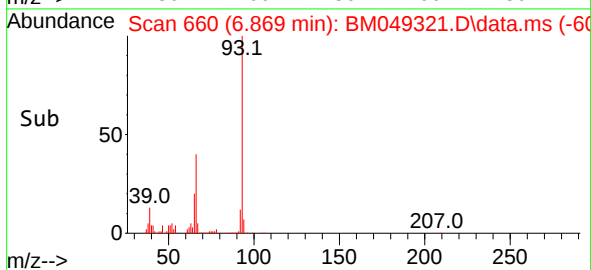
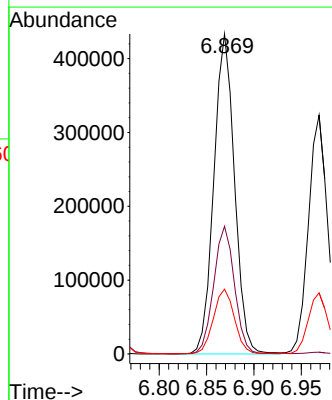
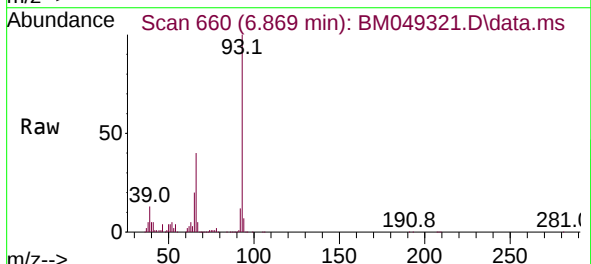
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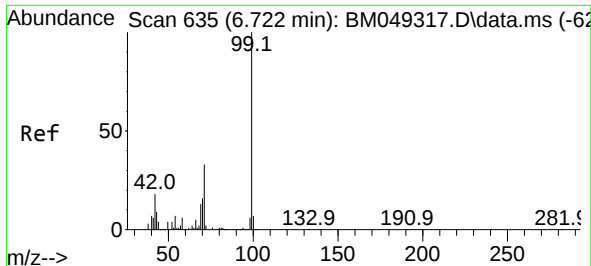
Tgt Ion:112 Resp: 857467
Ion Ratio Lower Upper
112 100
64 60.1 47.5 71.3
63 30.5 24.6 37.0



#6
Aniline
Concen: 53.545 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion: 93 Resp: 657354
Ion Ratio Lower Upper
93 100
66 39.9 31.8 47.6
65 20.3 16.6 24.8



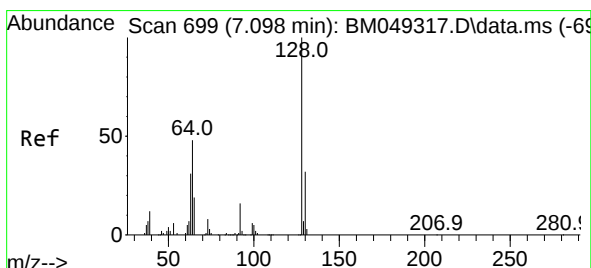
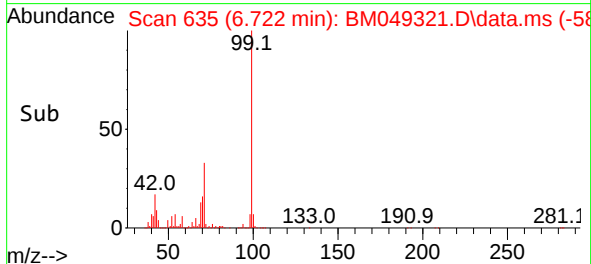
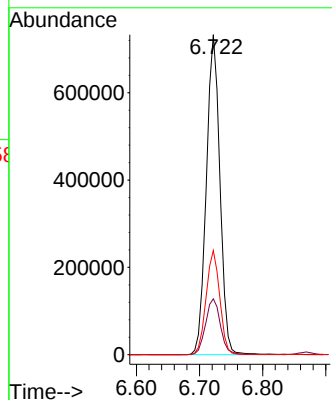
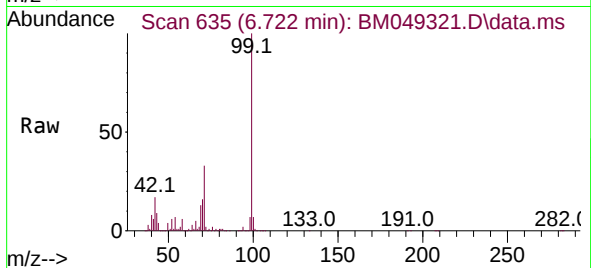


#7
Phenol-d6
Concen: 73.070 ng
RT: 6.722 min Scan# 611
Delta R.T. -0.000 min
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Instrument :
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Tgt Ion: 99 Resp: 1094463

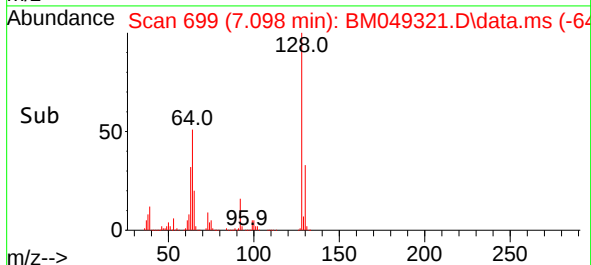
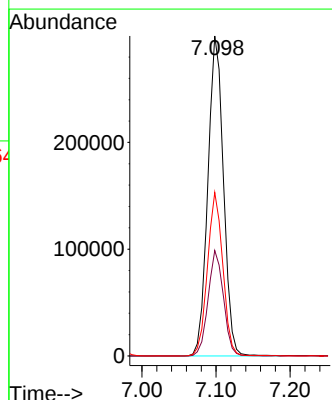
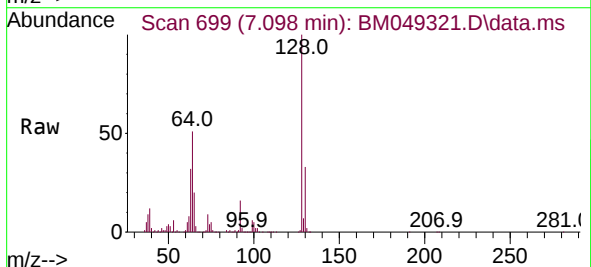
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.4	21.6
71	32.5	26.4	39.6

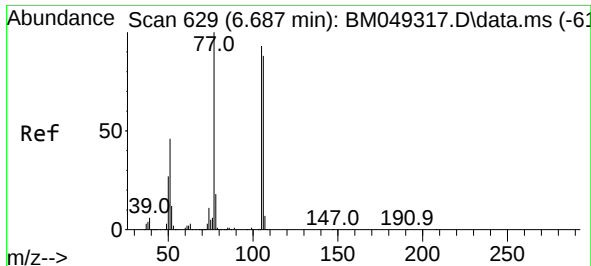


#8
2-Chlorophenol
Concen: 37.636 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM049321.D
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Tgt Ion: 128 Resp: 439528

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.9	51.9
64	51.1	30.6	70.6

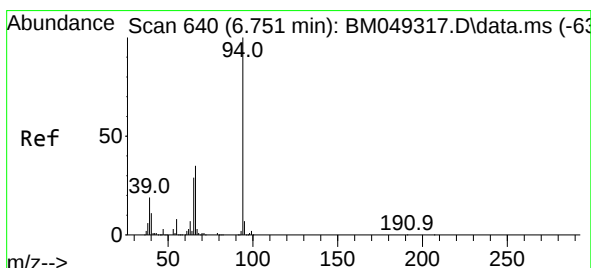
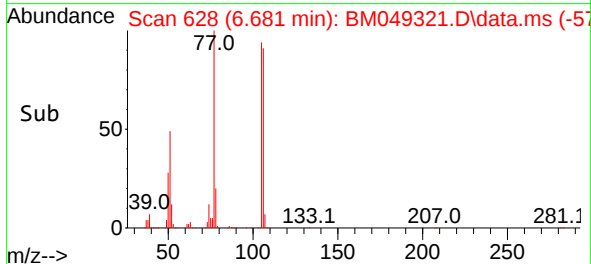
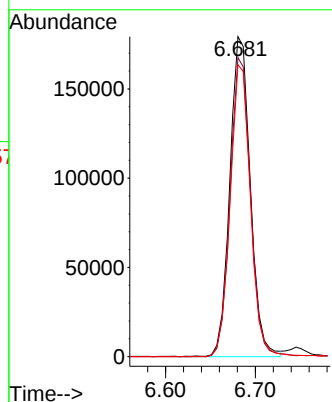
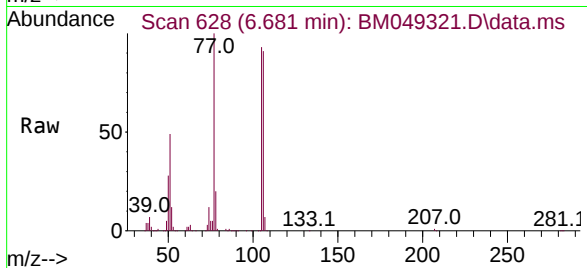




#9
Benzaldehyde
Concen: 33.378 ng
RT: 6.681 min Scan# 61
Delta R.T. -0.006 min
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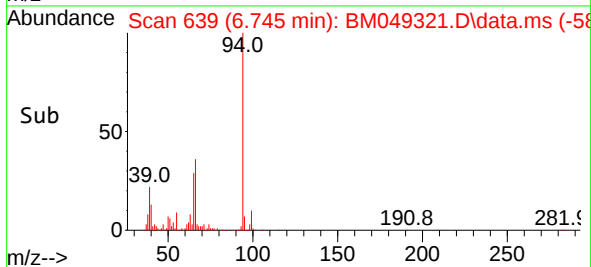
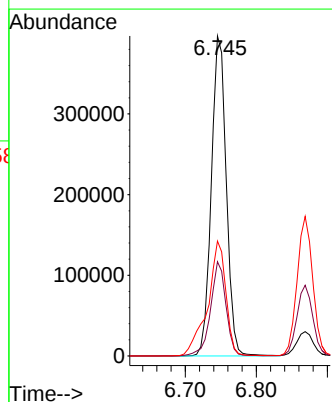
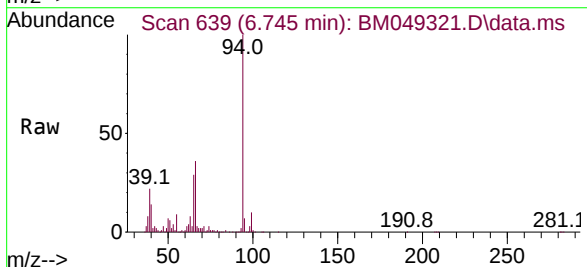
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

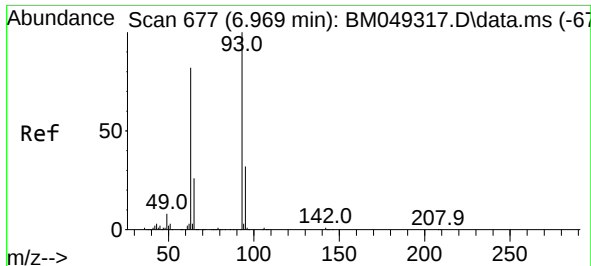
Tgt Ion: 77 Resp: 284709
Ion Ratio Lower Upper
77 100
105 93.5 73.3 113.3
106 91.3 68.4 108.4



#10
Phenol
Concen: 38.597 ng
RT: 6.745 min Scan# 639
Delta R.T. -0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion: 94 Resp: 579721
Ion Ratio Lower Upper
94 100
65 29.5 9.1 49.1
66 35.9 15.0 55.0

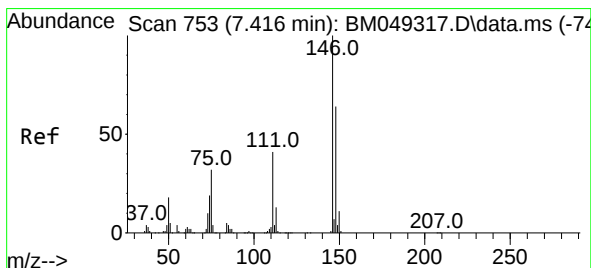
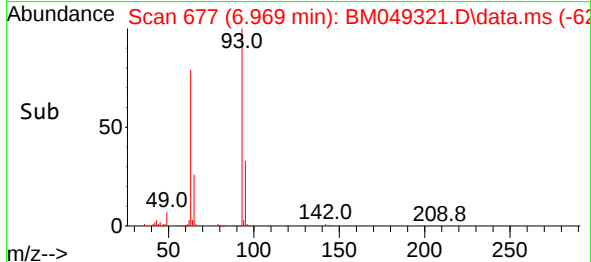
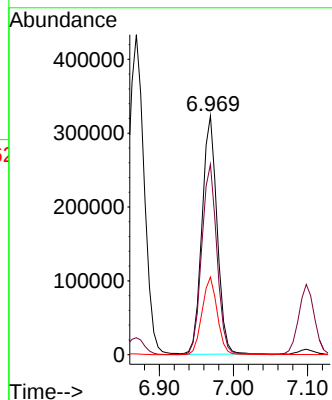
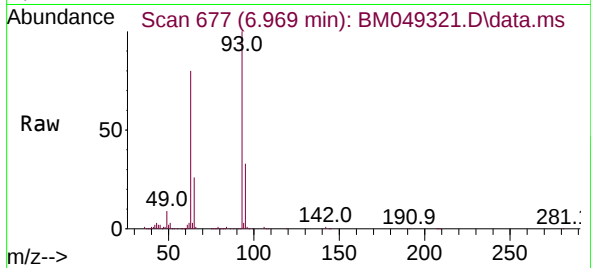




#11
bis(2-Chloroethyl)ether
Concen: 37.878 ng
RT: 6.969 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

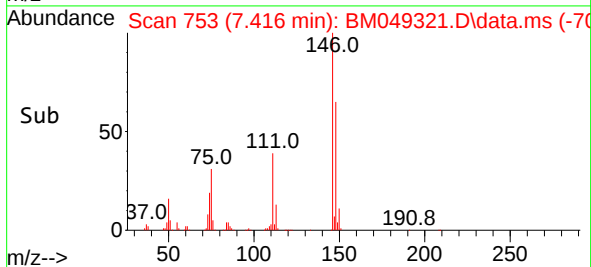
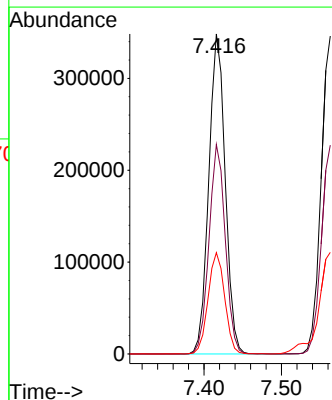
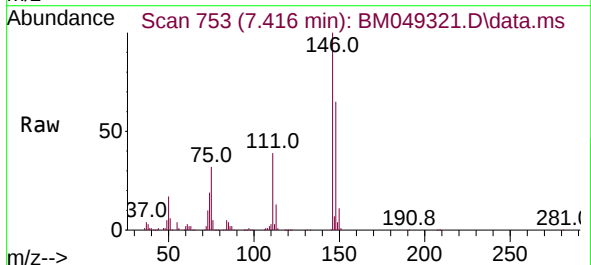
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

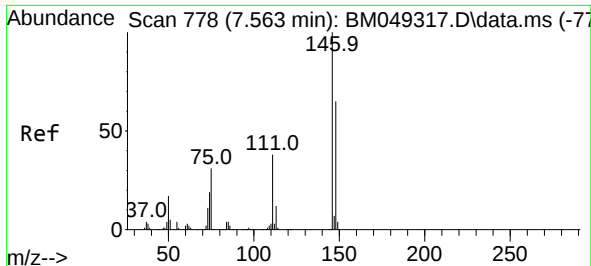
Tgt Ion: 93 Resp: 456798
Ion Ratio Lower Upper
93 100
63 79.7 61.7 101.7
95 32.5 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 36.780 ng
RT: 7.416 min Scan# 753
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:146 Resp: 512865
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
75 31.7 25.8 38.8

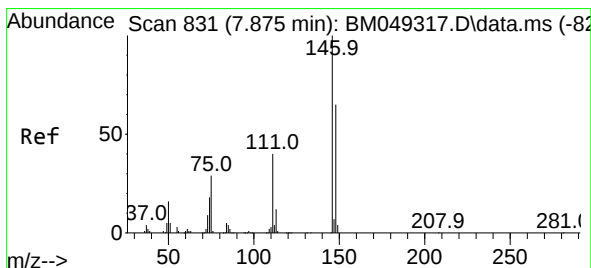
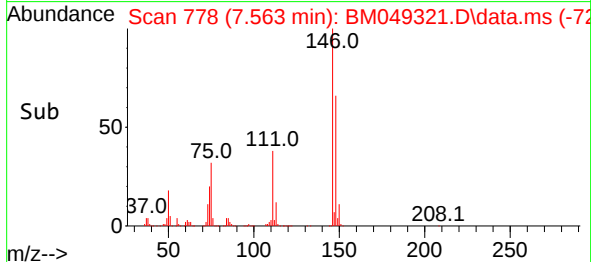
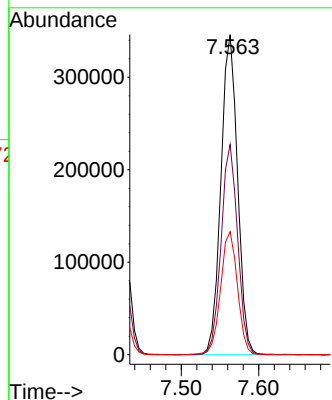
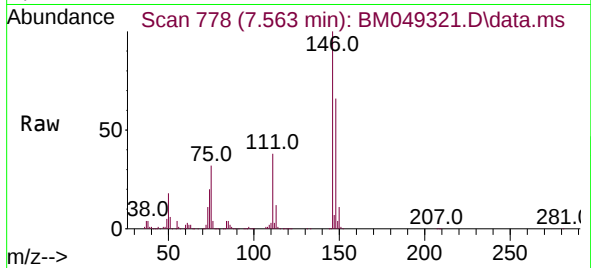




#13
1,4-Dichlorobenzene
Concen: 36.617 ng
RT: 7.563 min Scan# 778
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

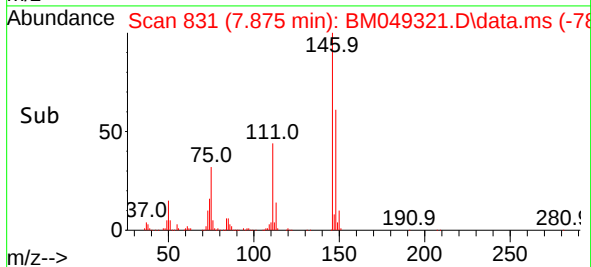
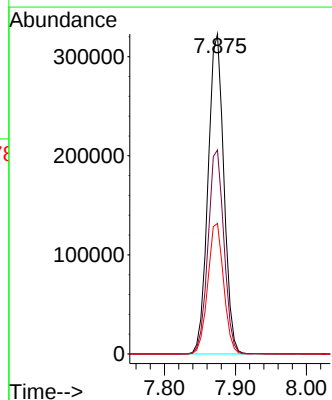
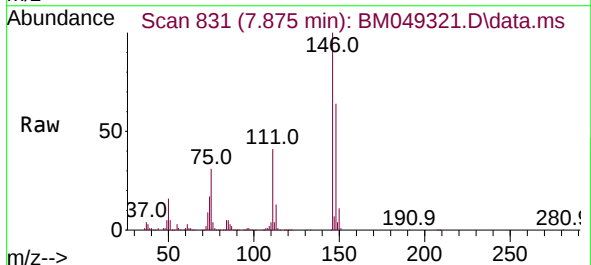
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

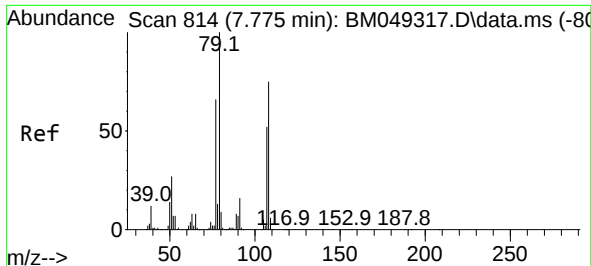
Tgt Ion:146 Resp: 516726
Ion Ratio Lower Upper
146 100
148 65.7 52.0 78.0
111 38.5 30.6 46.0



#14
1,2-Dichlorobenzene
Concen: 36.641 ng
RT: 7.875 min Scan# 831
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:146 Resp: 499585
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
111 40.8 32.6 49.0

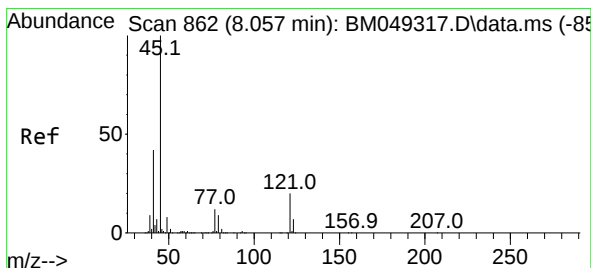
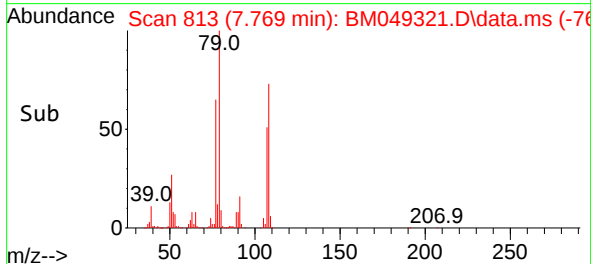
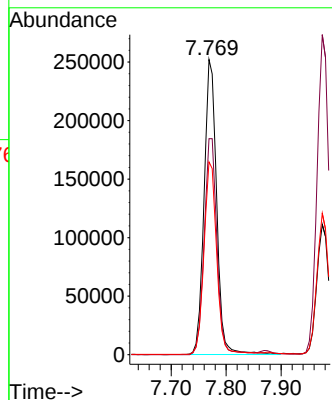
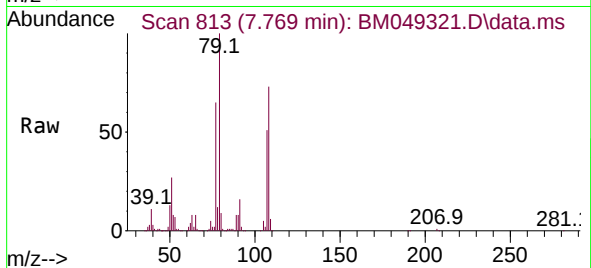




#15
Benzyl Alcohol
Concen: 42.106 ng
RT: 7.769 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

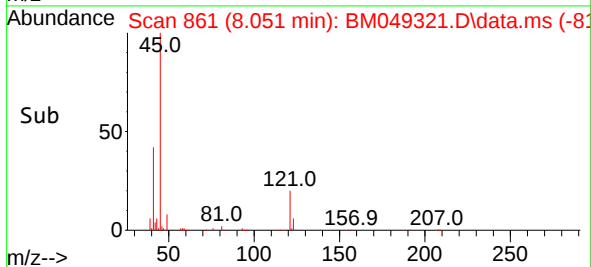
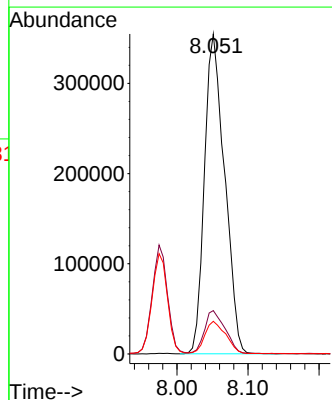
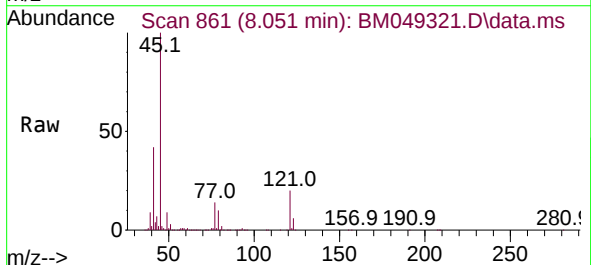
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

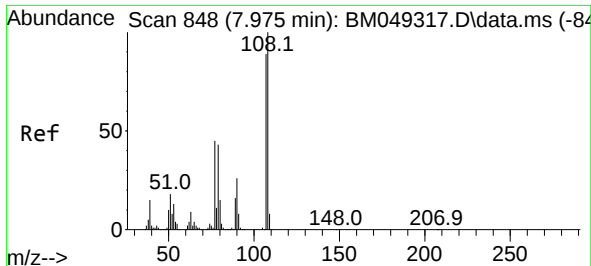
Tgt Ion: 79 Resp: 400524
Ion Ratio Lower Upper
79 100
108 73.2 60.0 90.0
77 65.3 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.829 ng
RT: 8.051 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion: 45 Resp: 699235
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.7
79 10.2 0.0 30.4

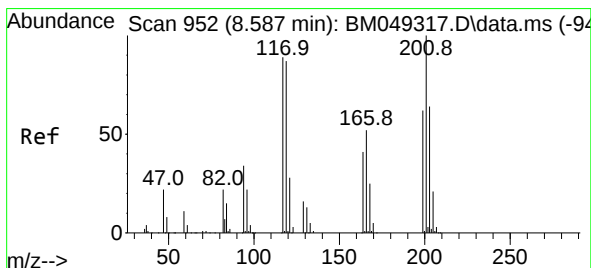
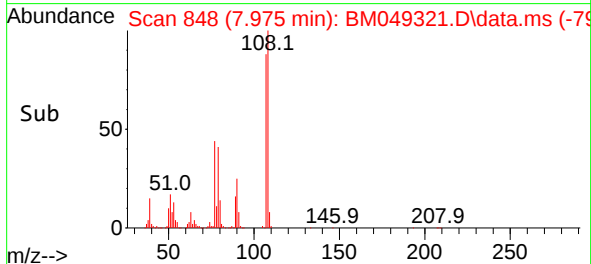
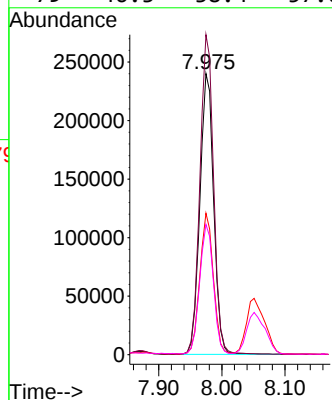
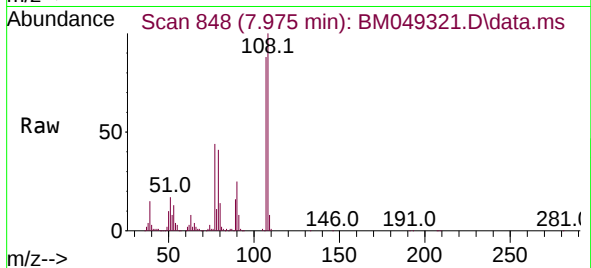




#17
2-Methylphenol
Concen: 39.130 ng
RT: 7.975 min Scan# 848
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

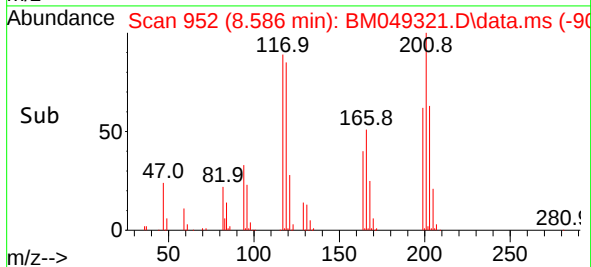
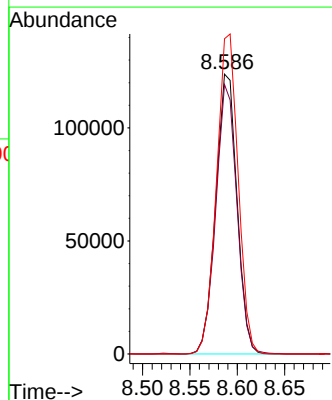
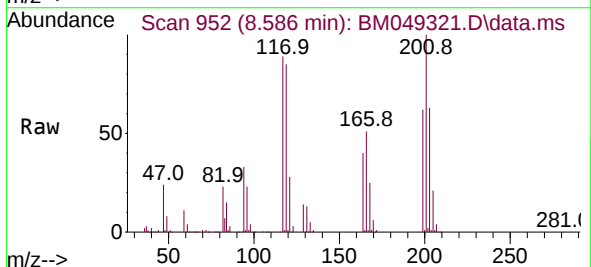
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

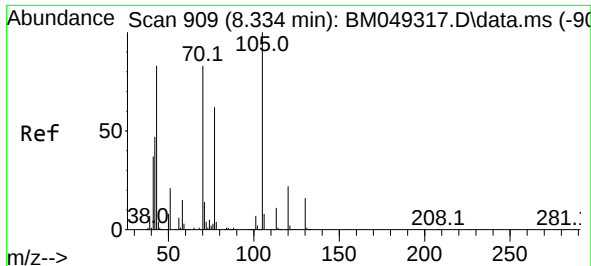
Tgt Ion:107 Resp: 363210
Ion Ratio Lower Upper
107 100
108 113.8 89.7 134.5
77 50.3 40.5 60.7
79 46.3 38.4 57.6



#18
Hexachloroethane
Concen: 37.259 ng
RT: 8.586 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:117 Resp: 193821
Ion Ratio Lower Upper
117 100
119 96.3 78.8 118.2
201 112.7 90.2 135.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.503 ng

RT: 8.333 min Scan# 909

Delta R.T. -0.000 min

Lab File: BM049321.D

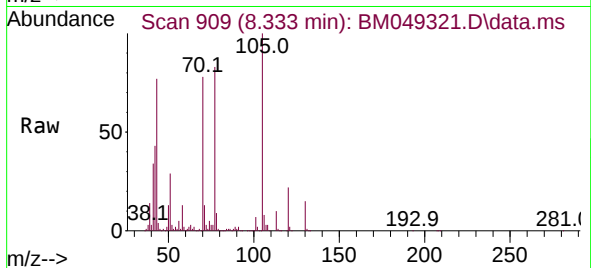
Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225



Tgt Ion: 70 Resp: 386369

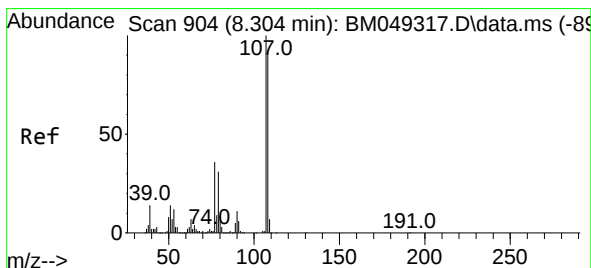
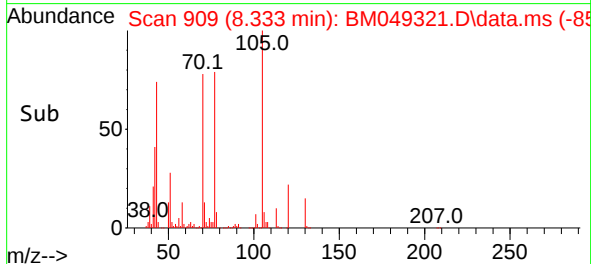
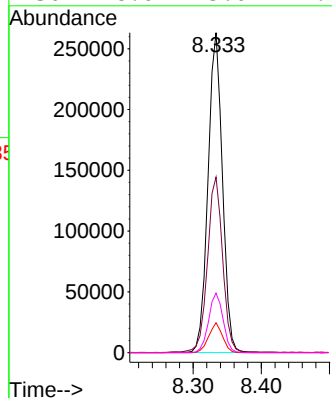
Ion Ratio Lower Upper

70 100

42 54.9 46.0 69.0

101 9.4 7.1 10.7

130 18.6 15.0 22.4



#20

3+4-Methylphenols

Concen: 38.932 ng

RT: 8.304 min Scan# 904

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Tgt Ion: 107 Resp: 496379

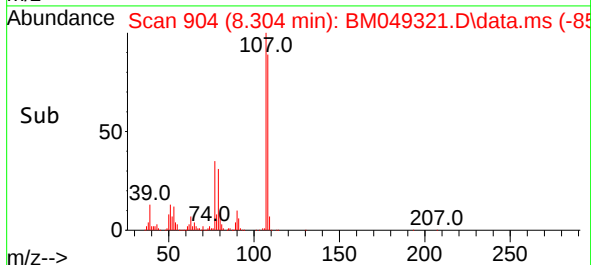
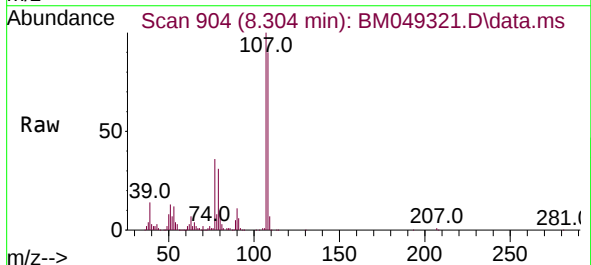
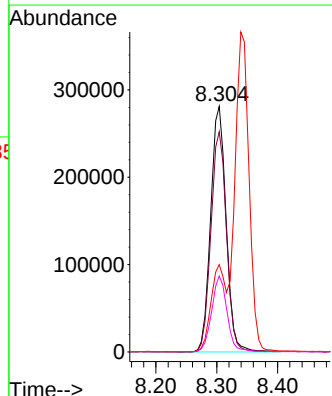
Ion Ratio Lower Upper

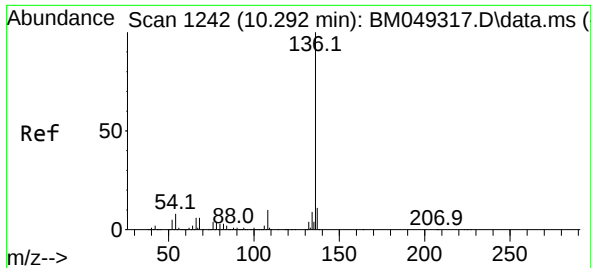
107 100

108 89.7 70.3 110.3

77 35.6 16.3 56.3

79 31.0 10.7 50.7

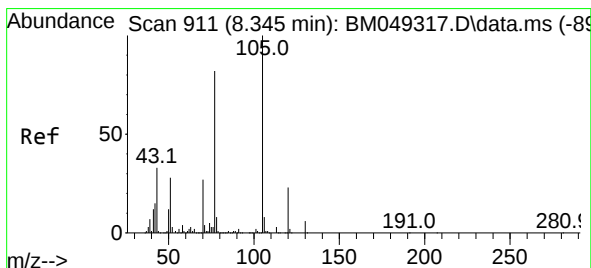
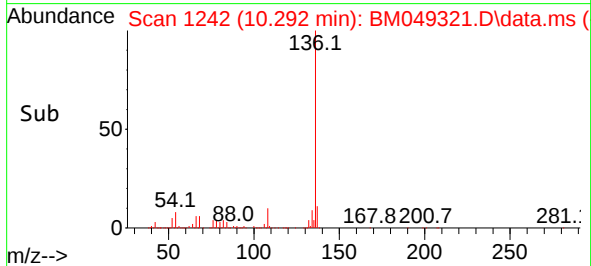
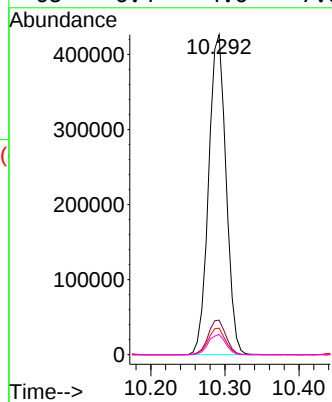
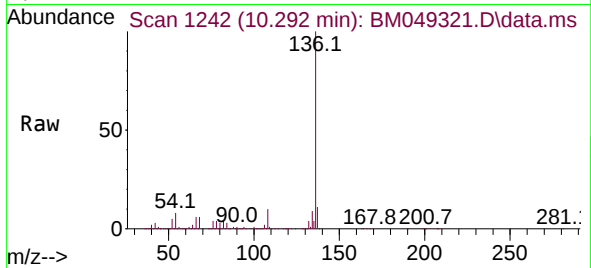




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

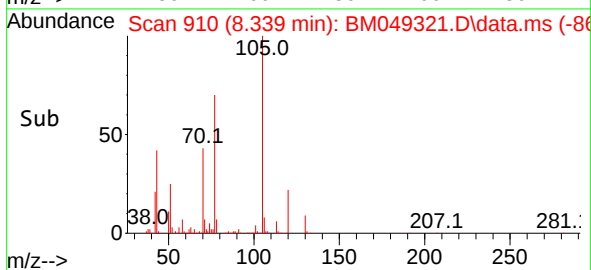
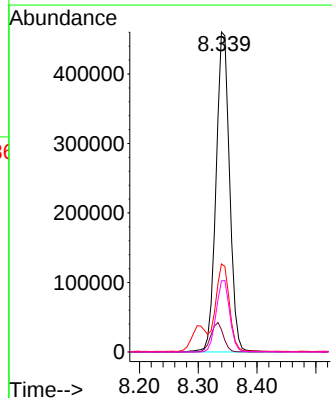
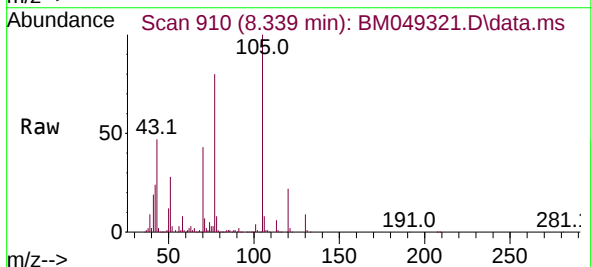
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

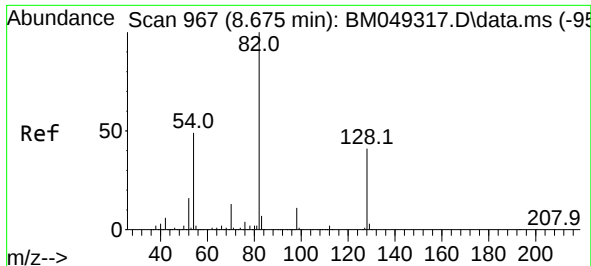
Tgt Ion:136 Resp: 695751
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 6.7 10.1
68 6.4 4.6 7.0



#22
Acetophenone
Concen: 38.816 ng
RT: 8.339 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:105 Resp: 737557
Ion Ratio Lower Upper
105 100
71 7.0 3.5 5.3#
51 27.5 22.3 33.5
120 22.2 18.7 28.1

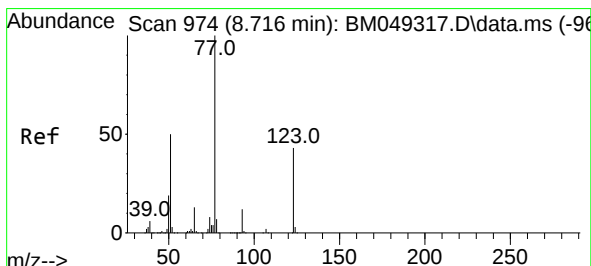
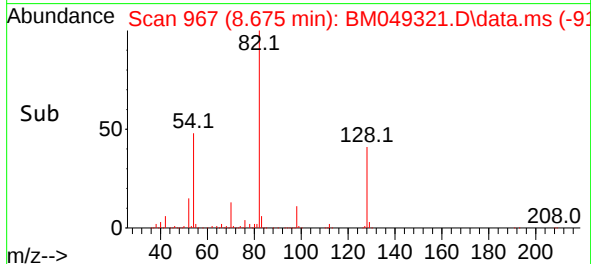
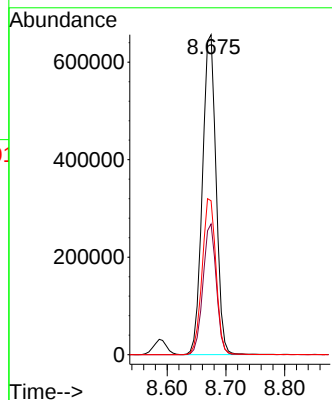
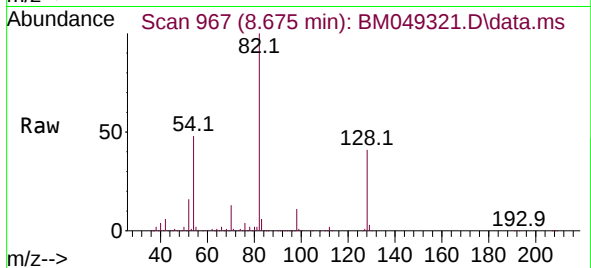




#23
Nitrobenzene-d5
Concen: 72.209 ng
RT: 8.675 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

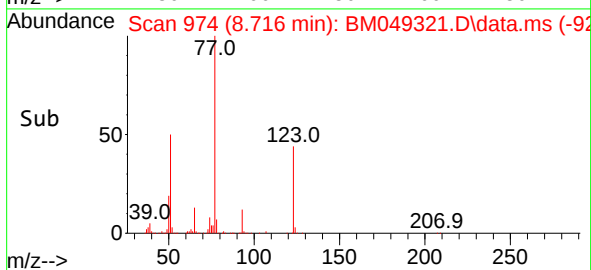
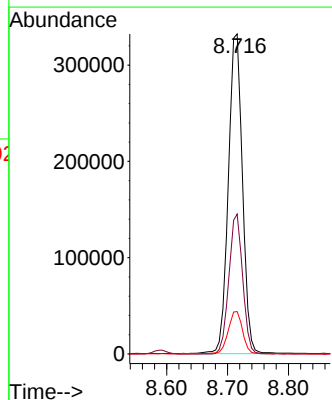
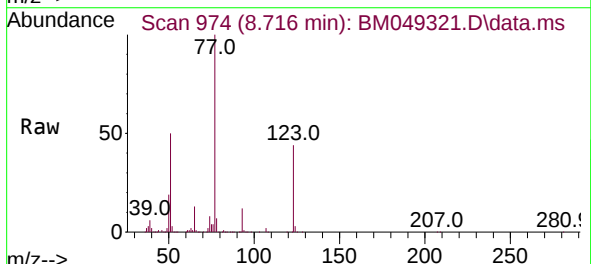
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

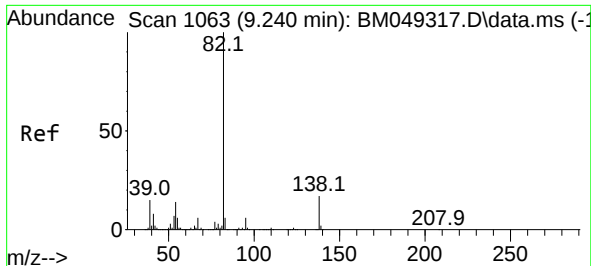
Tgt Ion: 82 Resp: 1061856
Ion Ratio Lower Upper
82 100
128 40.9 32.6 48.8
54 48.1 38.8 58.2



#24
Nitrobenzene
Concen: 35.565 ng
RT: 8.716 min Scan# 974
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion: 77 Resp: 534577
Ion Ratio Lower Upper
77 100
123 43.7 34.2 51.4
65 13.3 10.4 15.6

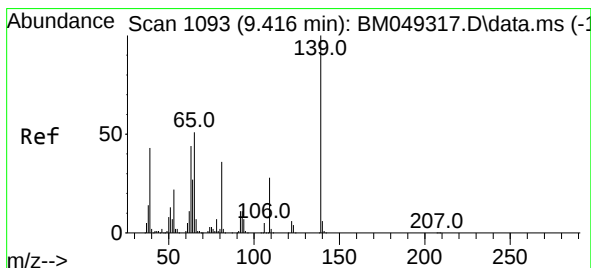
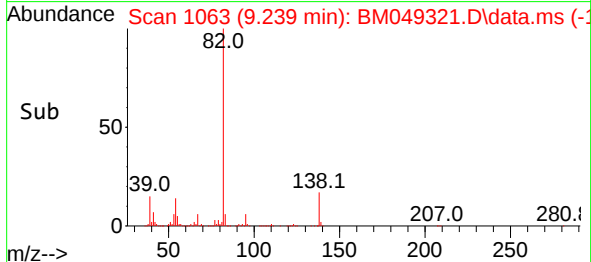
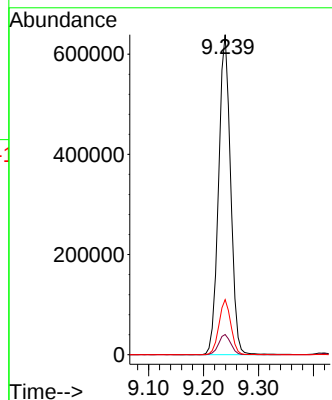
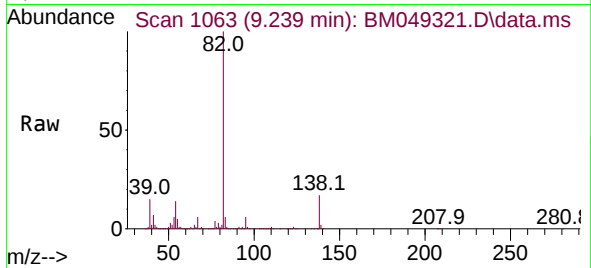




#25
Isophorone
Concen: 39.021 ng
RT: 9.239 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

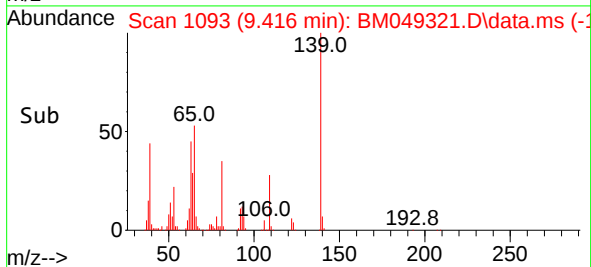
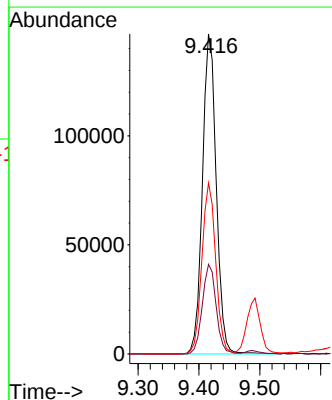
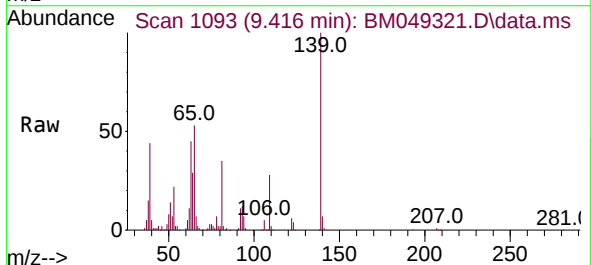
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

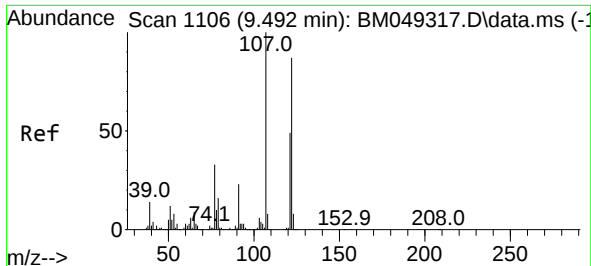
Tgt Ion: 82 Resp: 969283
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 17.2 13.7 20.5



#26
2-Nitrophenol
Concen: 40.404 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:139 Resp: 231600
Ion Ratio Lower Upper
139 100
109 28.0 22.1 33.1
65 53.4 40.9 61.3

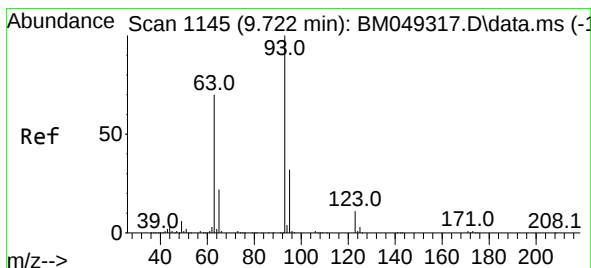
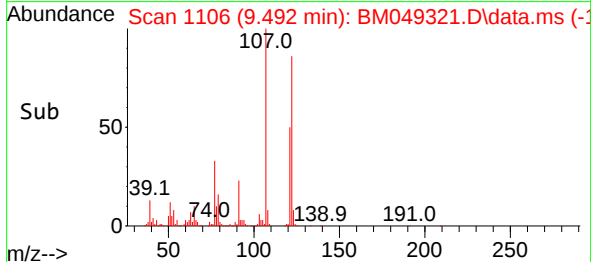
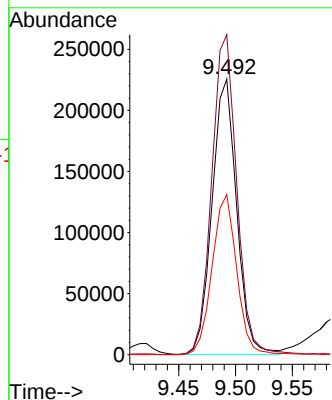
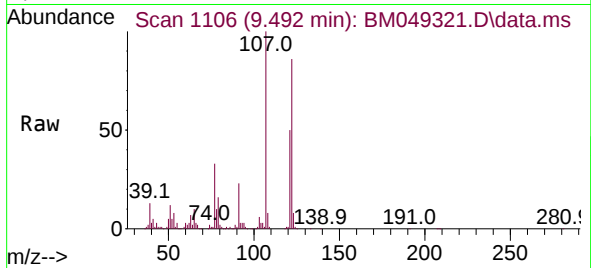




#27
2,4-Dimethylphenol
Concen: 46.799 ng
RT: 9.492 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

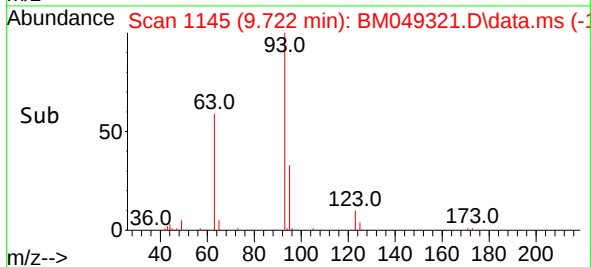
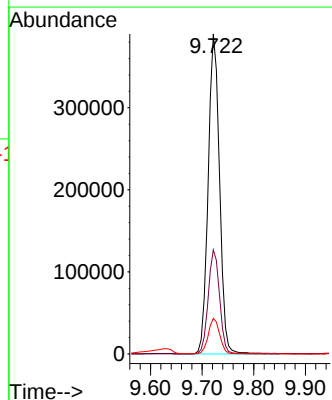
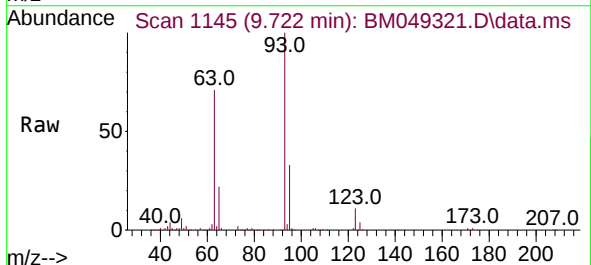
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

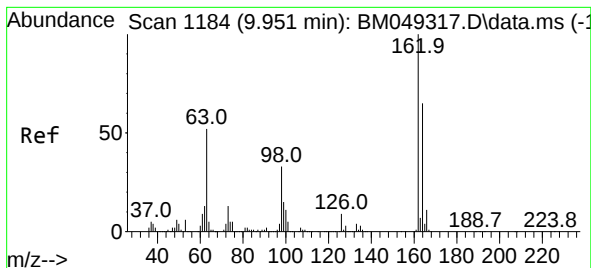
Tgt Ion:122 Resp: 340197
Ion Ratio Lower Upper
122 100
107 116.2 92.4 138.6
121 58.1 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 37.230 ng
RT: 9.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion: 93 Resp: 596686
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.0
123 11.1 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 38.752 ng

RT: 9.945 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

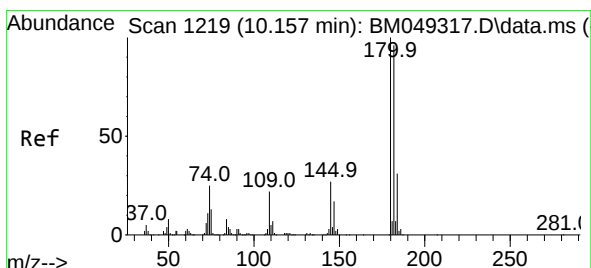
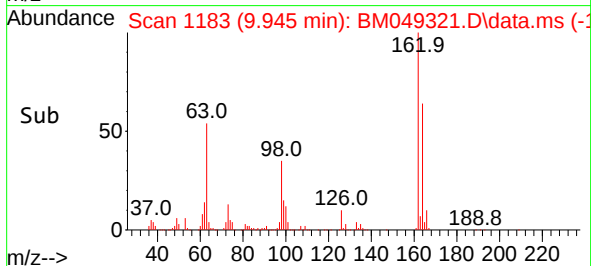
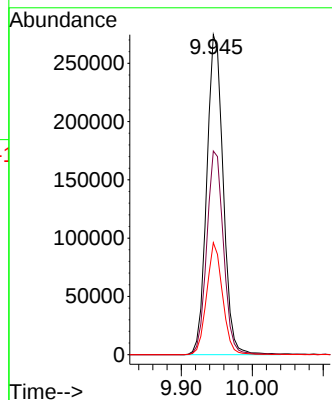
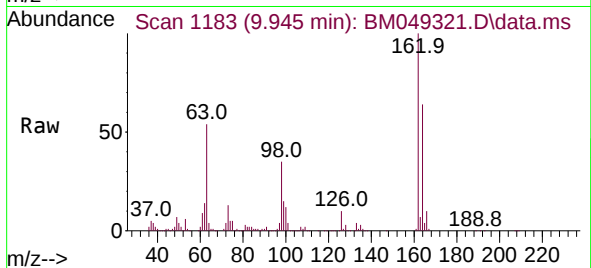
Tgt Ion:162 Resp: 442814

Ion Ratio Lower Upper

162 100

164 63.6 44.5 84.5

98 35.0 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 34.758 ng

RT: 10.157 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

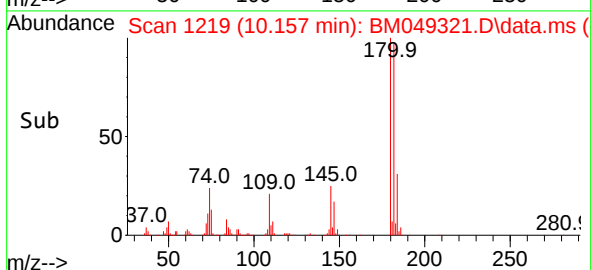
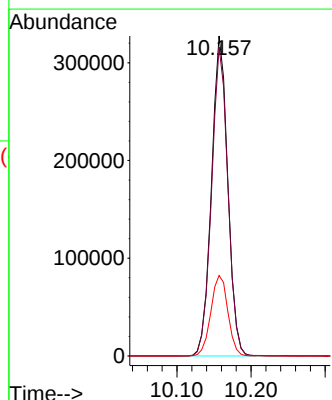
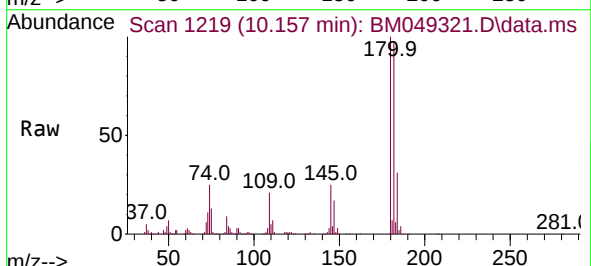
Tgt Ion:180 Resp: 498914

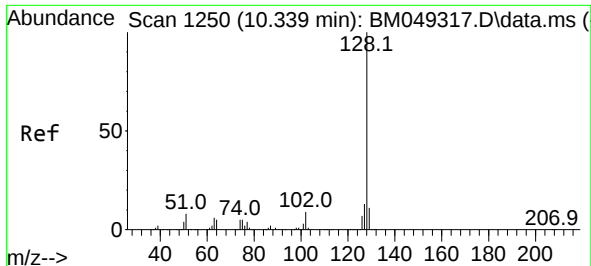
Ion Ratio Lower Upper

180 100

182 96.5 76.9 115.3

145 25.2 21.8 32.6

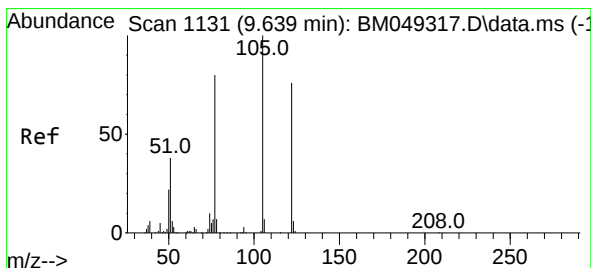
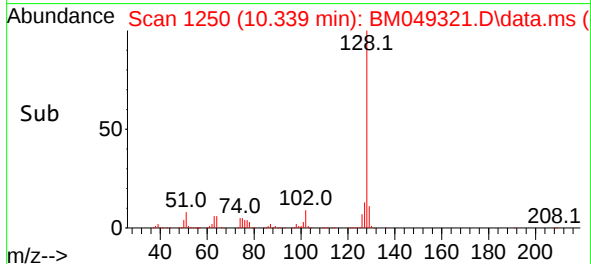
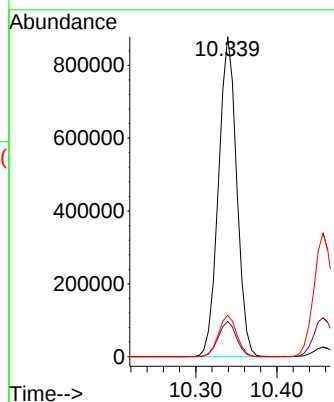
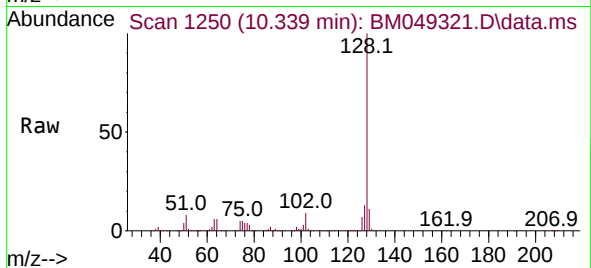




#31
Naphthalene
Concen: 36.261 ng
RT: 10.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

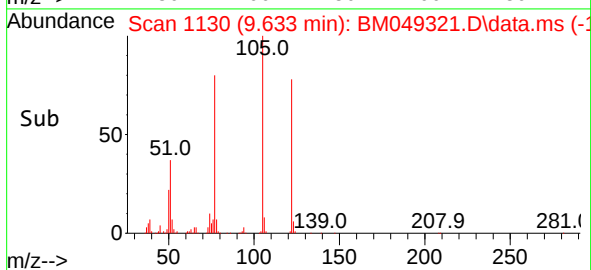
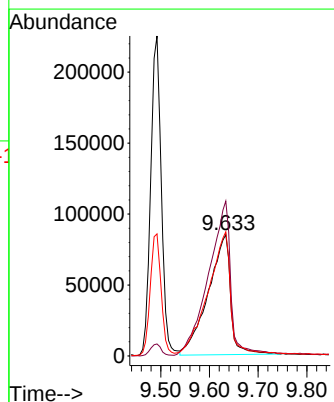
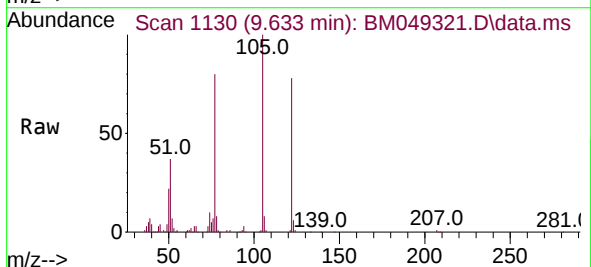
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

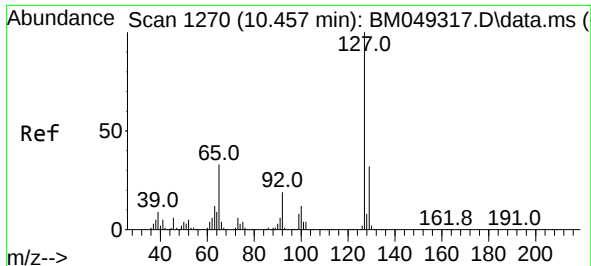
Tgt Ion:128 Resp: 1371279
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 36.057 ng
RT: 9.633 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:122 Resp: 270656
Ion Ratio Lower Upper
122 100
105 127.7 108.8 148.8
77 102.4 84.7 124.7

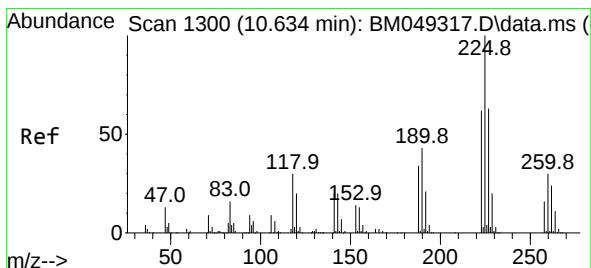
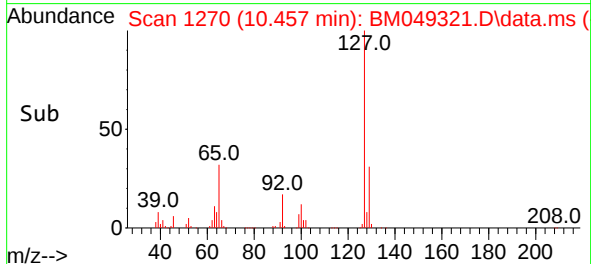
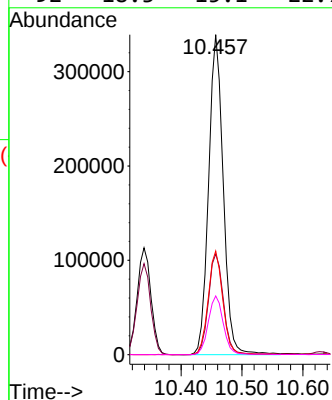
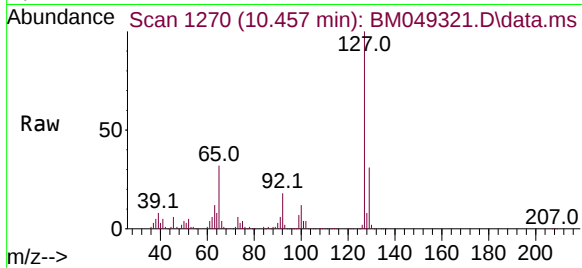




#33
4-Chloroaniline
Concen: 44.195 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

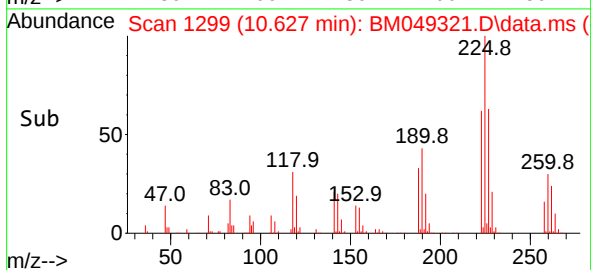
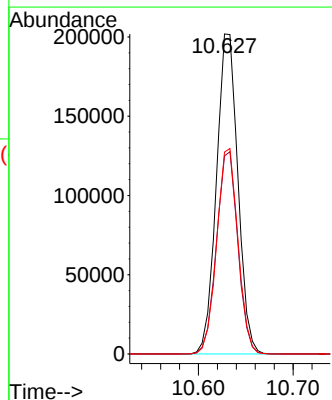
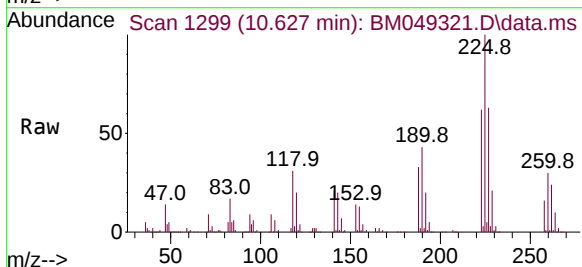
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

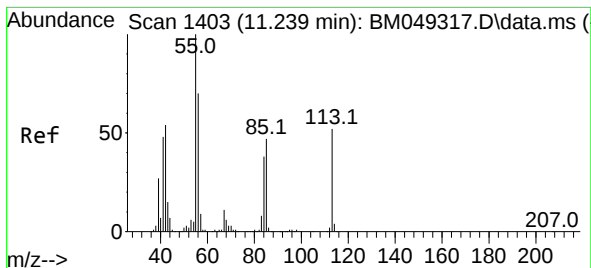
Tgt Ion:	127	Resp:	567330
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	32.4	26.3	39.5
92	18.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 34.931 ng
RT: 10.627 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:	225	Resp:	317900
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.8
227	63.1	50.2	75.2

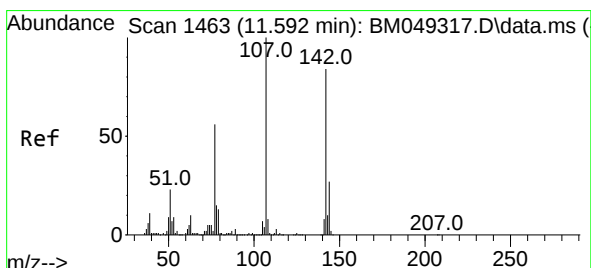
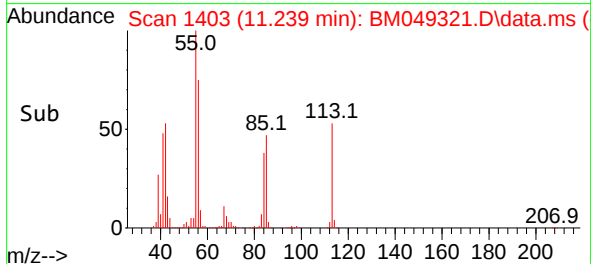
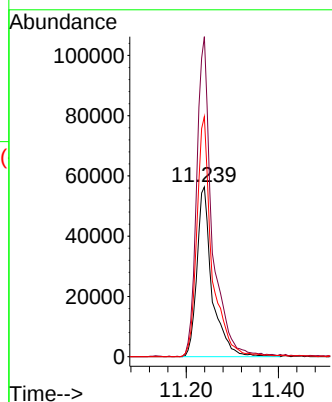
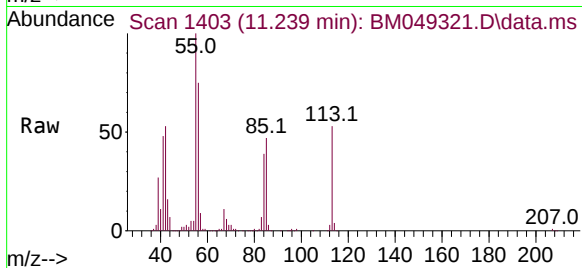




#35
Caprolactam
Concen: 38.262 ng
RT: 11.239 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

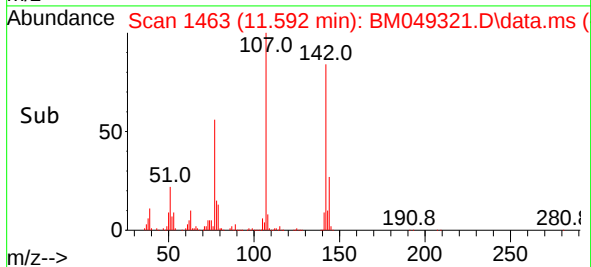
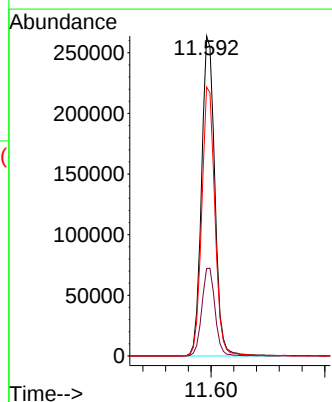
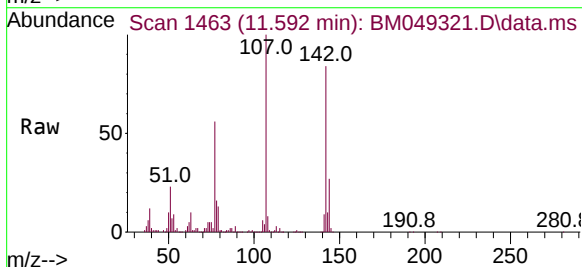
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

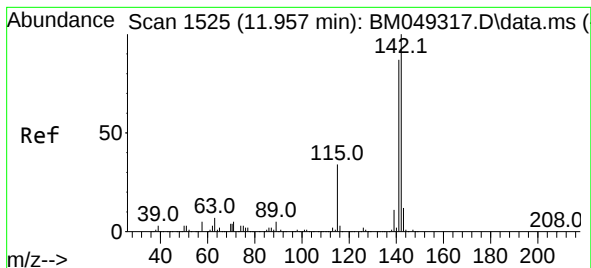
Tgt Ion:113 Resp: 128593
Ion Ratio Lower Upper
113 100
55 188.6 172.1 212.1
56 141.4 114.6 154.6



#36
4-Chloro-3-methylphenol
Concen: 38.504 ng
RT: 11.592 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:107 Resp: 427184
Ion Ratio Lower Upper
107 100
144 27.4 21.8 32.8
142 84.0 66.9 100.3

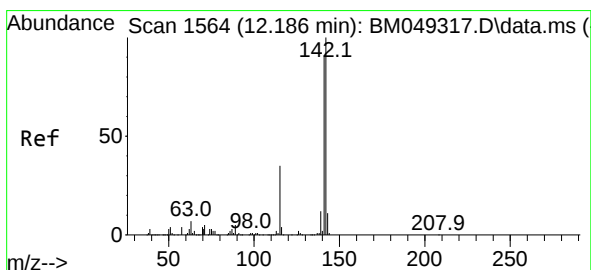
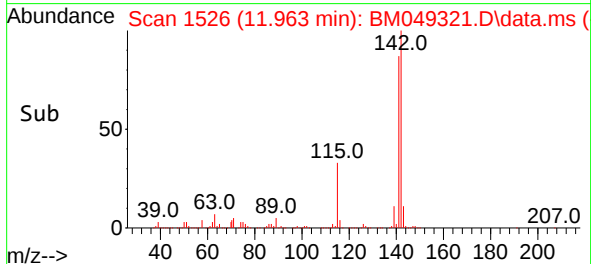
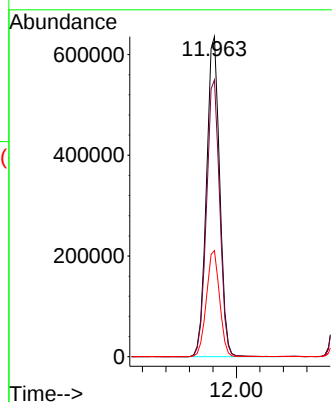
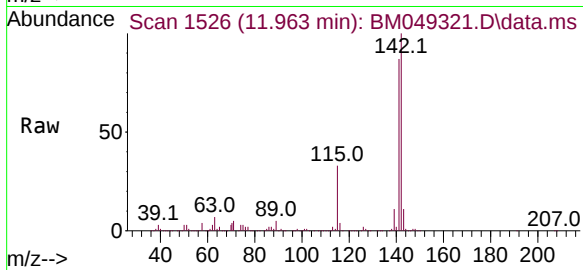




#37
2-Methylnaphthalene
Concen: 37.755 ng
RT: 11.963 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

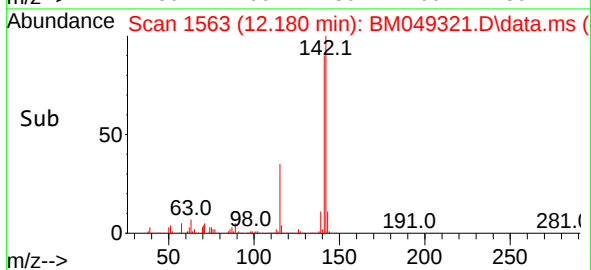
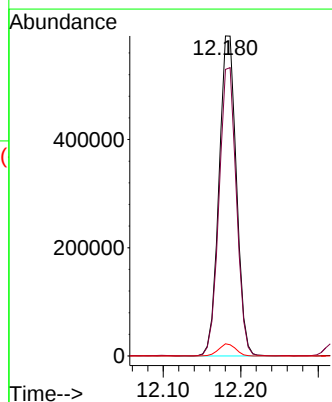
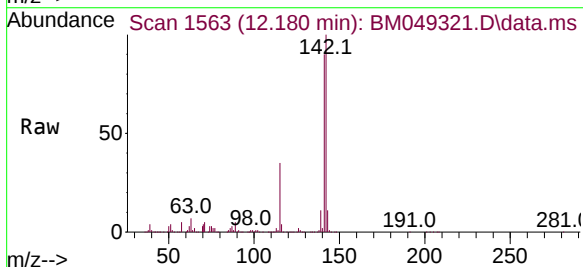
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

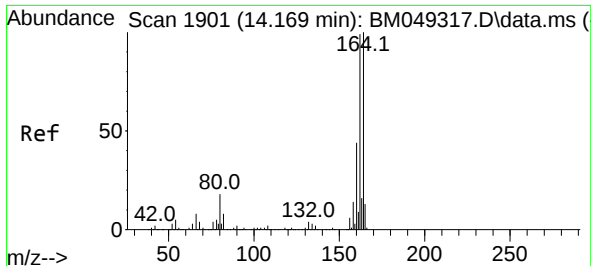
Tgt Ion:142 Resp: 984636
Ion Ratio Lower Upper
142 100
141 86.5 69.4 104.0
115 33.2 27.1 40.7



#38
1-Methylnaphthalene
Concen: 35.697 ng
RT: 12.180 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:142 Resp: 922595
Ion Ratio Lower Upper
142 100
141 89.6 72.6 108.8
116 3.8 2.8 4.2

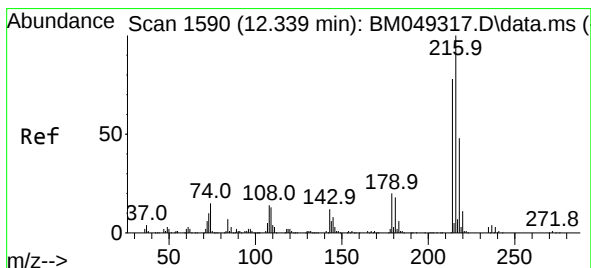
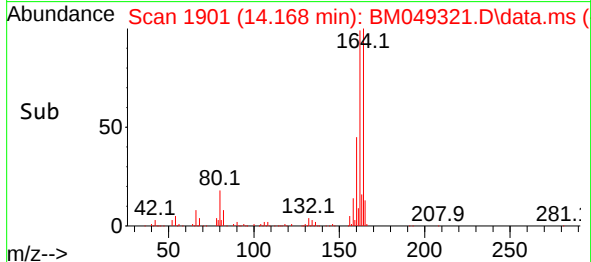
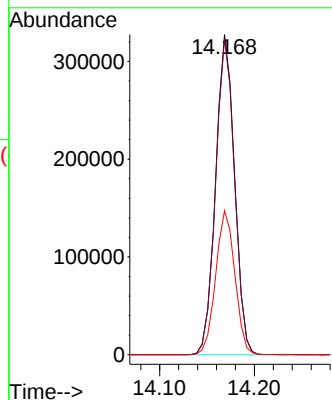
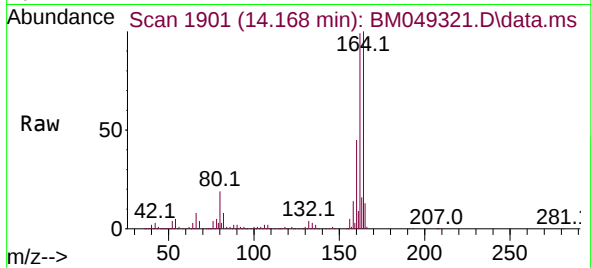




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

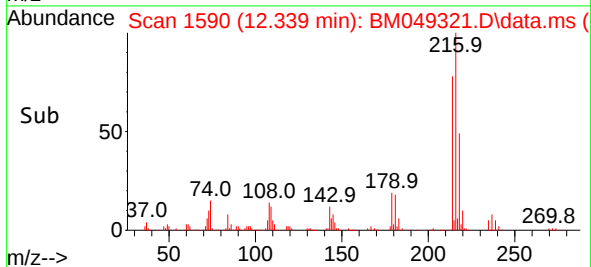
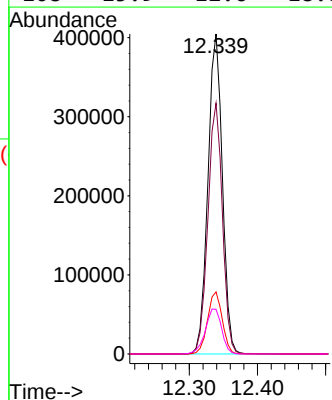
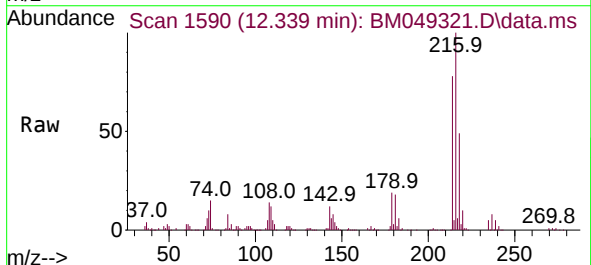
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

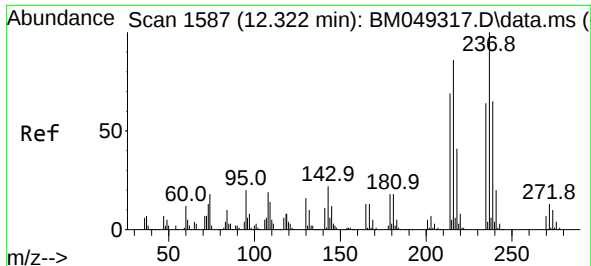
Tgt Ion:164 Resp: 454907
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.2
160 45.0 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.640 ng
RT: 12.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:216 Resp: 596023
Ion Ratio Lower Upper
216 100
214 78.7 62.2 93.4
179 19.7 15.8 23.8
108 15.9 12.6 18.8

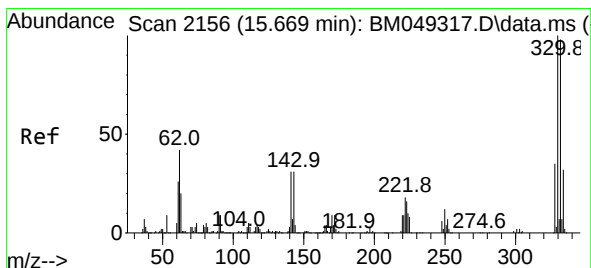
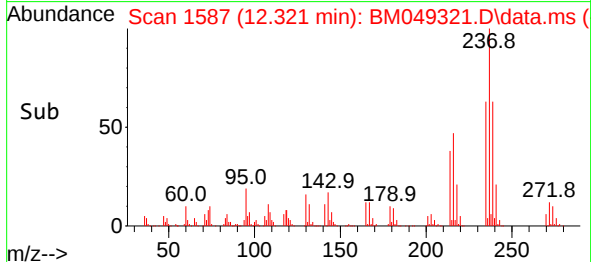
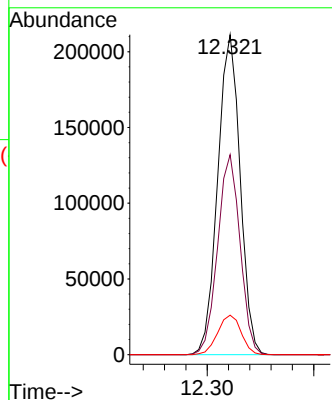
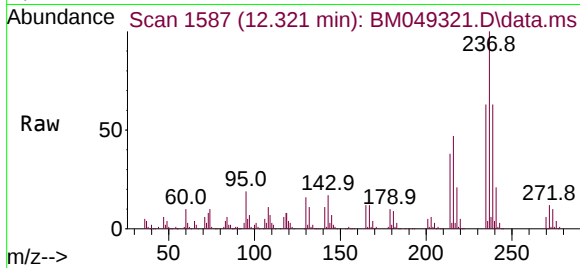




#41
Hexachlorocyclopentadiene
Concen: 63.140 ng
RT: 12.321 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

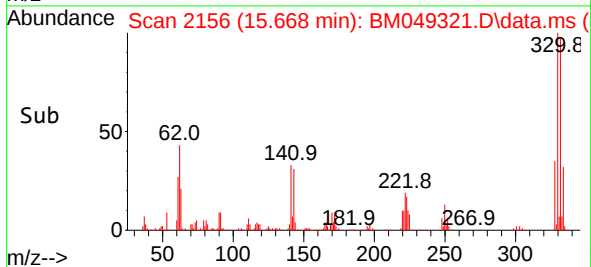
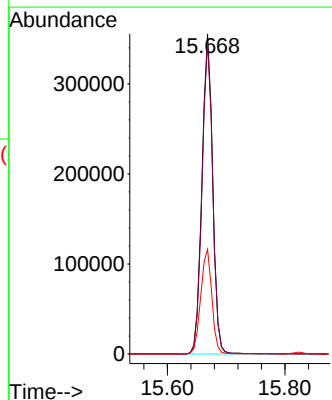
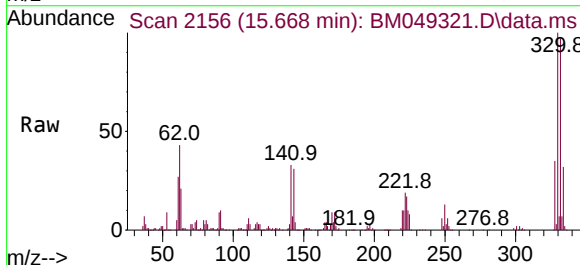
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

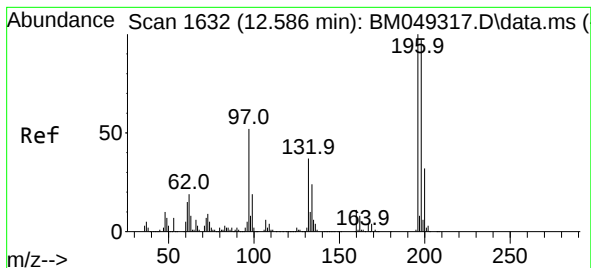
Tgt Ion:237 Resp: 308257
Ion Ratio Lower Upper
237 100
235 62.5 44.4 84.4
272 12.4 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 75.224 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:330 Resp: 450185
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 33.9 27.8 41.8





#43

2,4,6-Trichlorophenol

Concen: 38.774 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

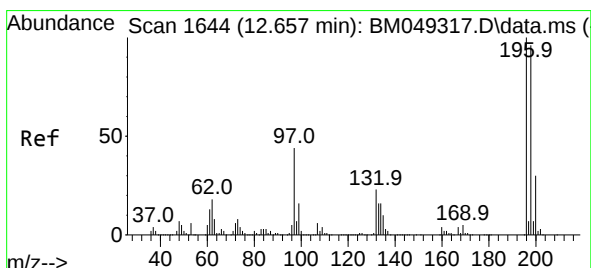
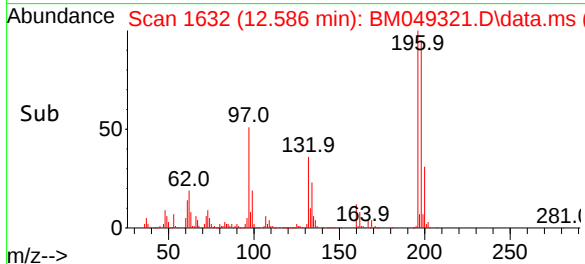
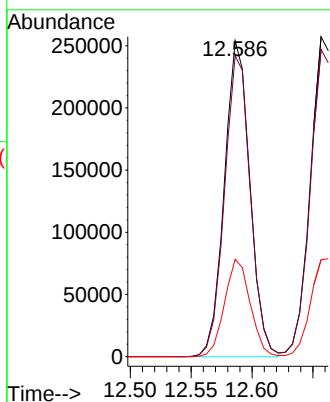
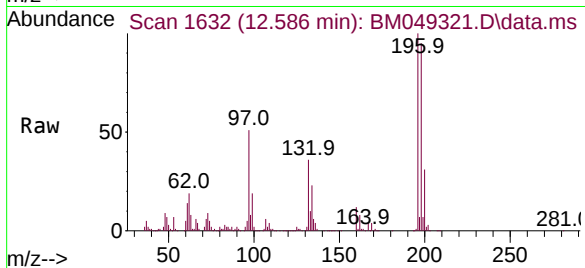
Tgt Ion:196 Resp: 370337

Ion Ratio Lower Upper

196 100

198 95.2 77.6 116.4

200 30.8 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 37.088 ng

RT: 12.657 min Scan# 1644

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Tgt Ion:196 Resp: 398334

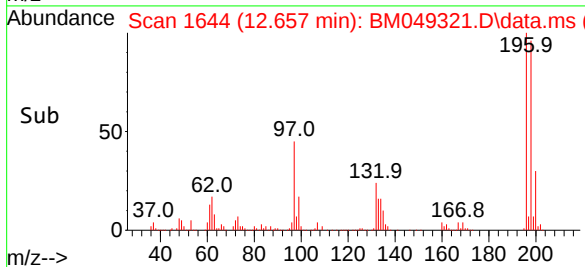
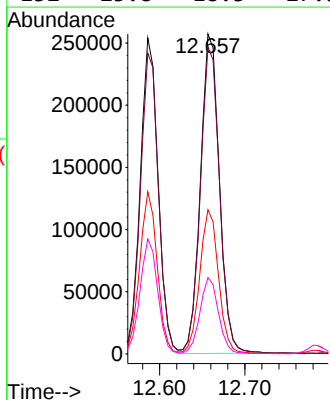
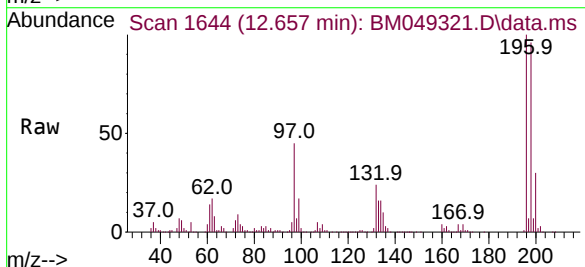
Ion Ratio Lower Upper

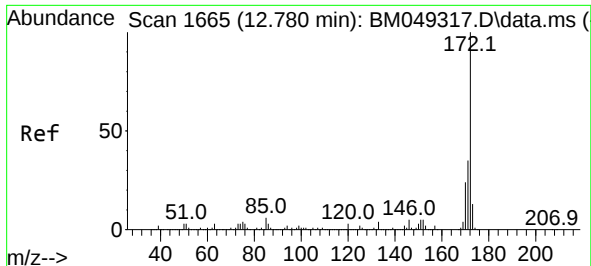
196 100

198 96.0 76.8 115.2

97 45.1 35.1 52.7

132 23.8 18.3 27.5

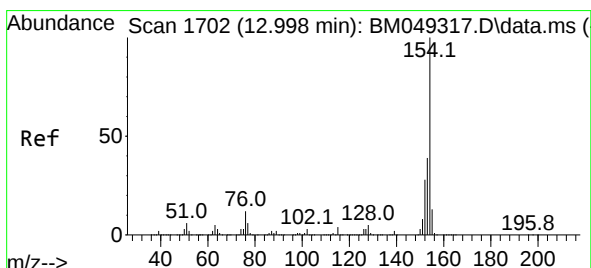
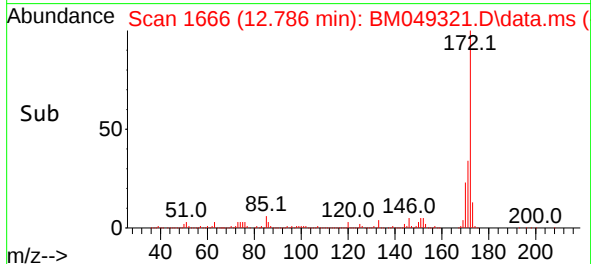
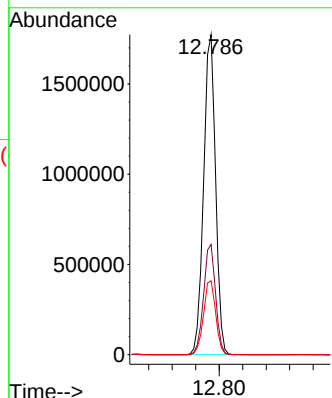
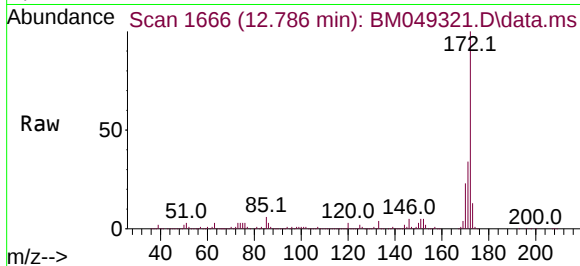




#45
2-Fluorobiphenyl
Concen: 71.443 ng
RT: 12.786 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

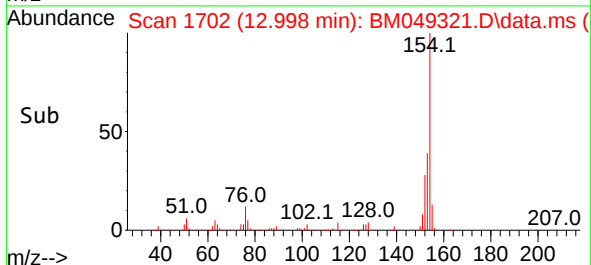
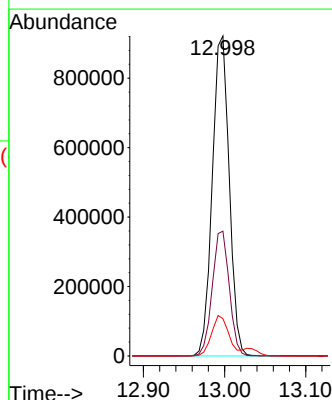
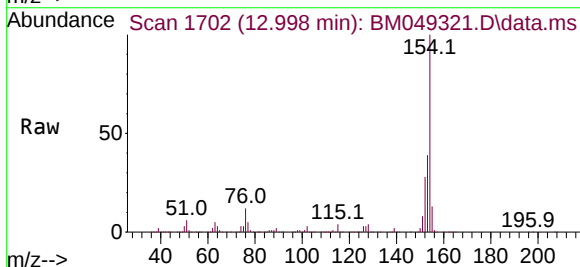
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

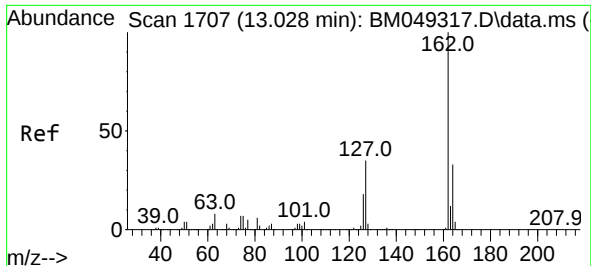
Tgt Ion:172 Resp: 2503226
Ion Ratio Lower Upper
172 100
171 34.5 27.6 41.4
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 38.877 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:154 Resp: 1334243
Ion Ratio Lower Upper
154 100
153 39.0 18.5 58.5
76 11.6 0.0 31.8

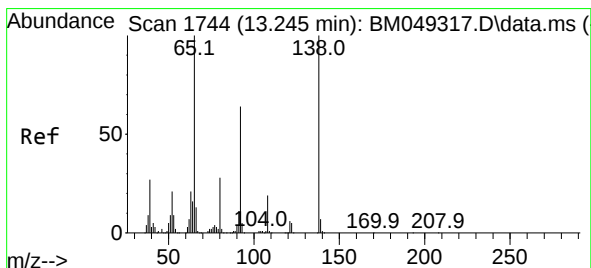
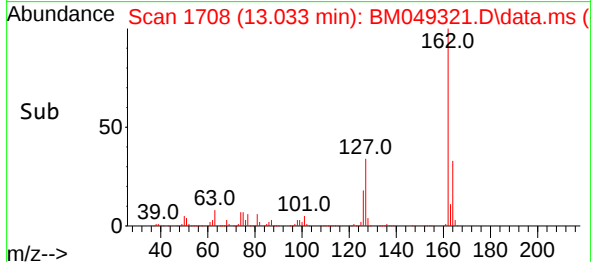
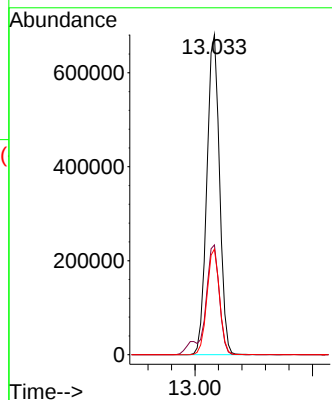
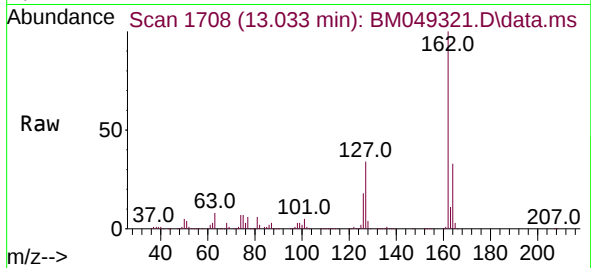




#47
2-Chloronaphthalene
Concen: 36.141 ng
RT: 13.033 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

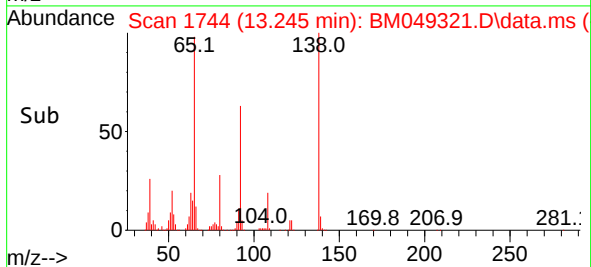
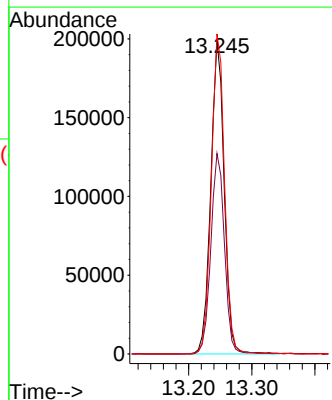
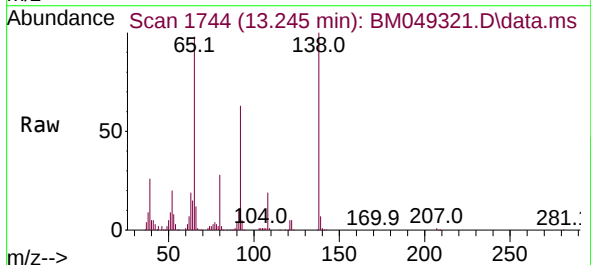
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

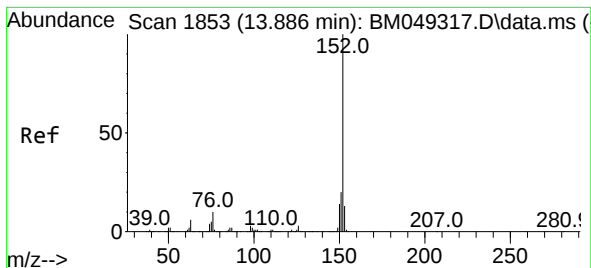
Tgt Ion:162 Resp: 1018927
Ion Ratio Lower Upper
162 100
127 34.3 28.7 43.1
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 39.847 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion: 65 Resp: 293777
Ion Ratio Lower Upper
65 100
92 64.0 51.4 77.2
138 102.1 80.0 120.0





#49

Acenaphthylene

Concen: 39.972 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

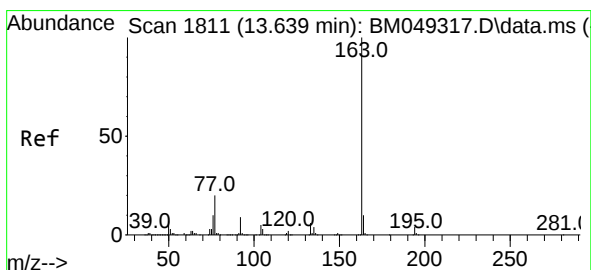
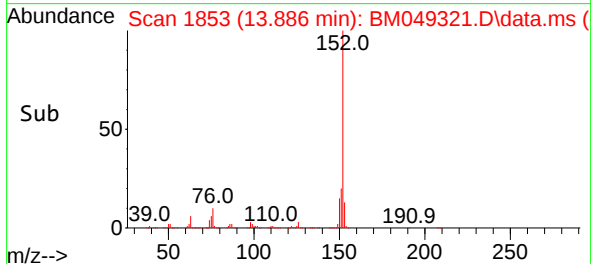
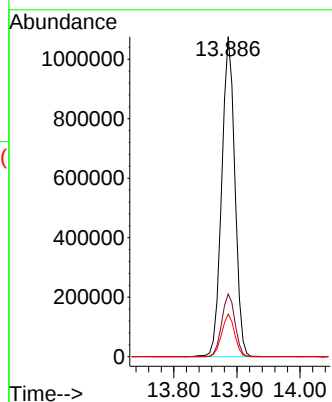
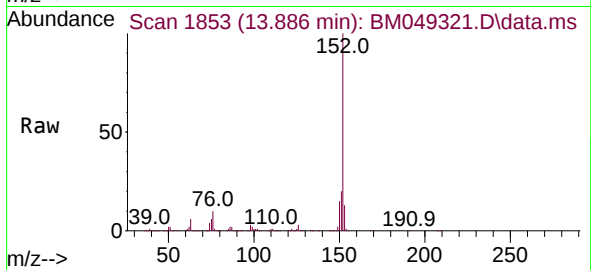
Tgt Ion:152 Resp: 1554312

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 37.416 ng

RT: 13.639 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

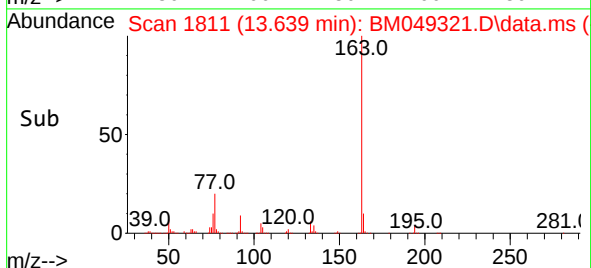
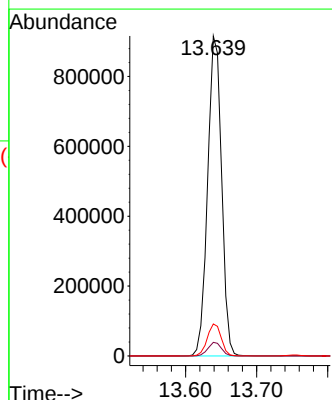
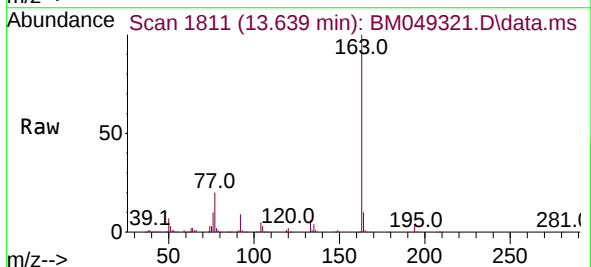
Tgt Ion:163 Resp: 1251486

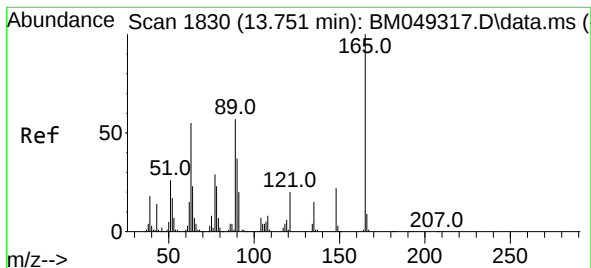
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.0 8.3 12.5

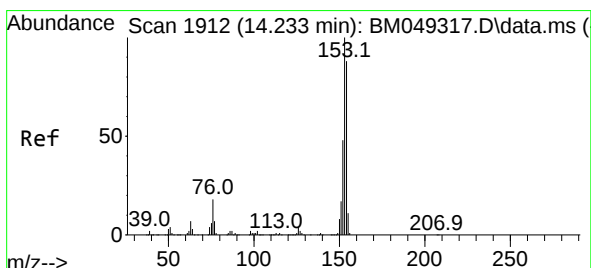
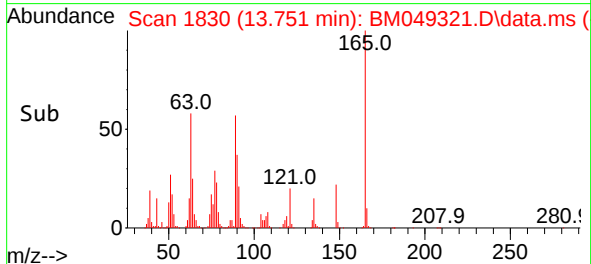
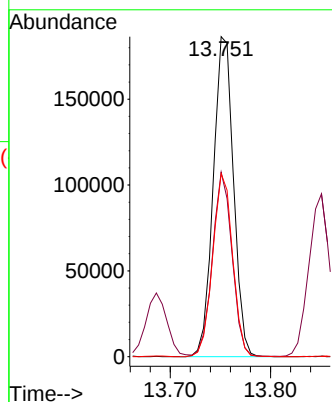
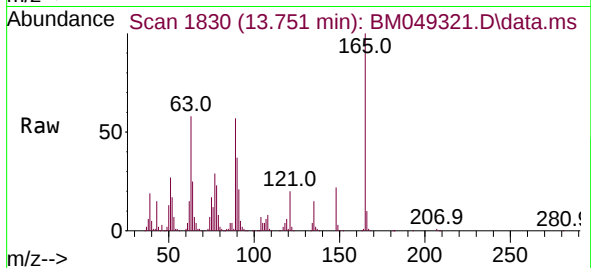




#51
2,6-Dinitrotoluene
Concen: 36.524 ng
RT: 13.751 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

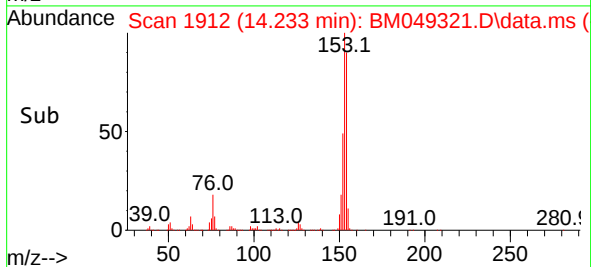
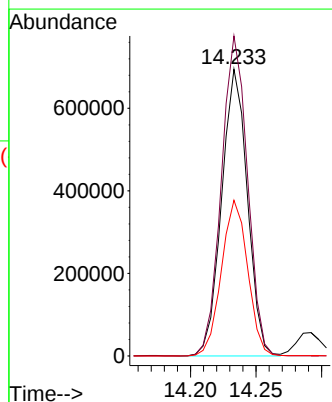
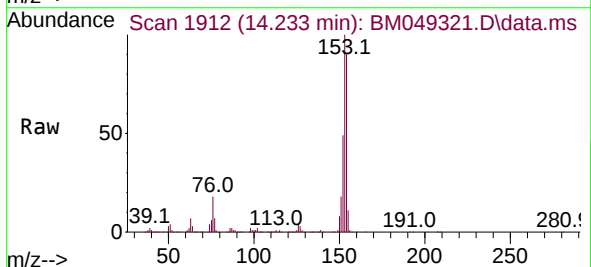
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

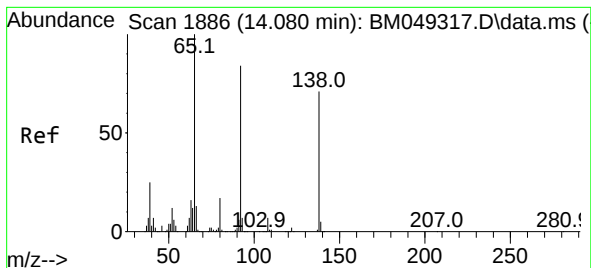
Tgt Ion:165 Resp: 261491
Ion Ratio Lower Upper
165 100
63 57.7 46.3 69.5
89 57.2 45.7 68.5



#52
Acenaphthene
Concen: 37.625 ng
RT: 14.233 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:154 Resp: 948963
Ion Ratio Lower Upper
154 100
153 111.6 90.5 135.7
152 54.3 43.5 65.3

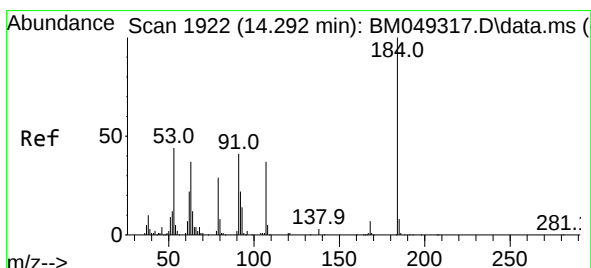
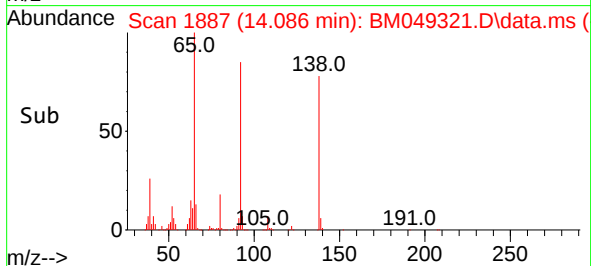
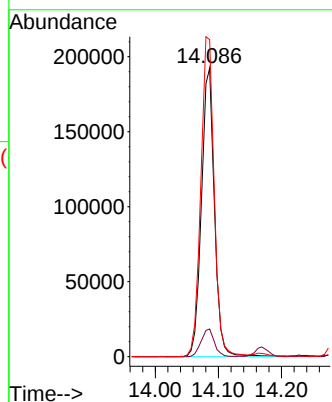
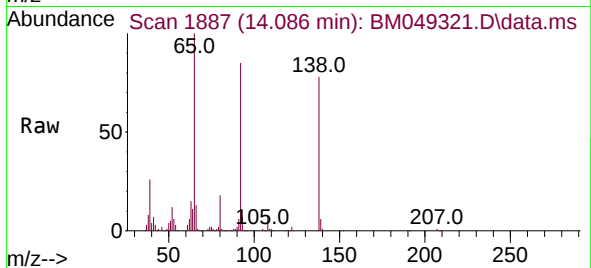




#53
3-Nitroaniline
Concen: 41.452 ng
RT: 14.086 min Scan# 1886
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

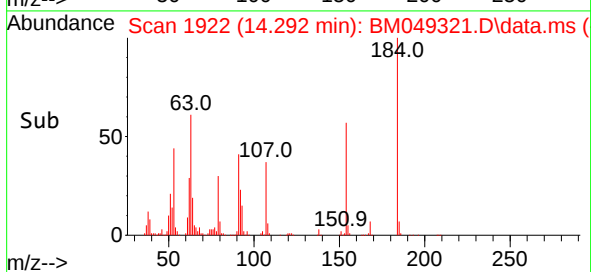
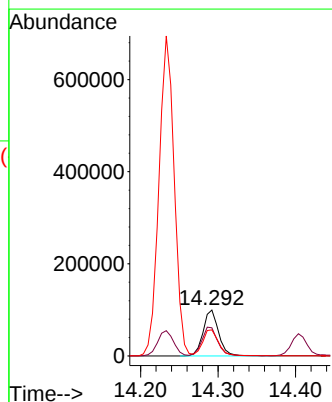
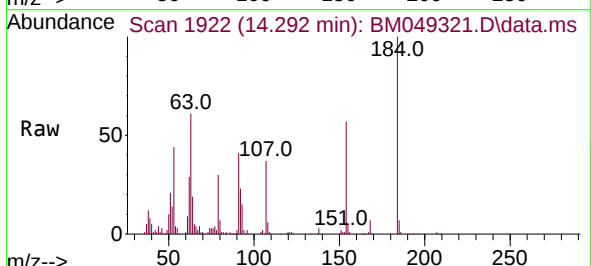
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

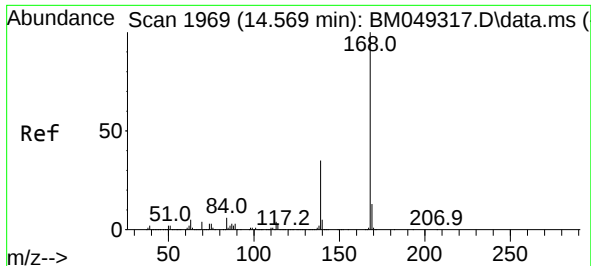
Tgt Ion:138 Resp: 275745
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.6
92 109.8 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 35.679 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:184 Resp: 138339
Ion Ratio Lower Upper
184 100
63 61.5 48.2 72.4
154 56.8 45.8 68.8

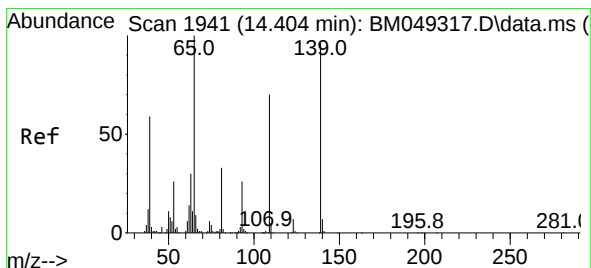
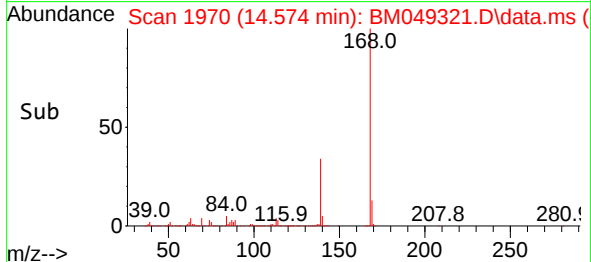
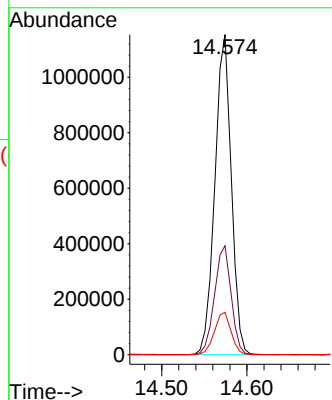
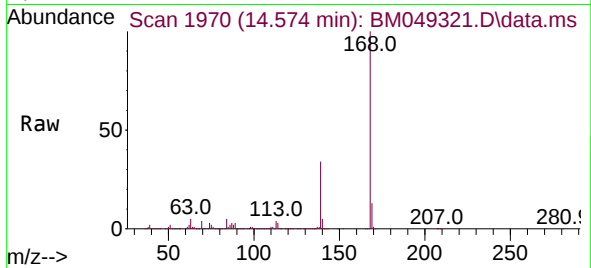




#55
Dibenzofuran
Concen: 37.044 ng
RT: 14.574 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

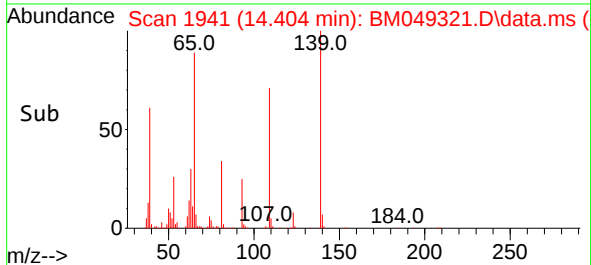
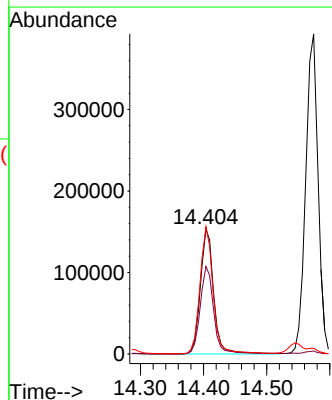
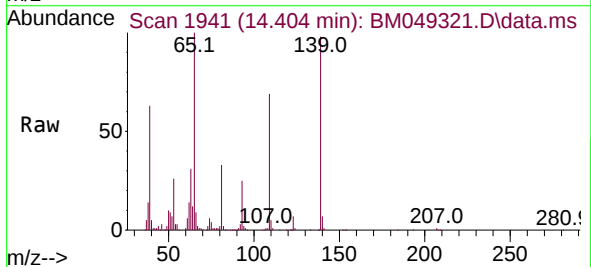
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

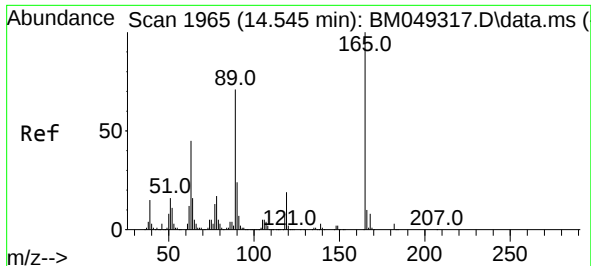
Tgt Ion:168 Resp: 1545320
Ion Ratio Lower Upper
168 100
139 34.0 27.9 41.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 38.409 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:139 Resp: 223443
Ion Ratio Lower Upper
139 100
109 70.1 53.1 93.1
65 101.8 84.2 124.2

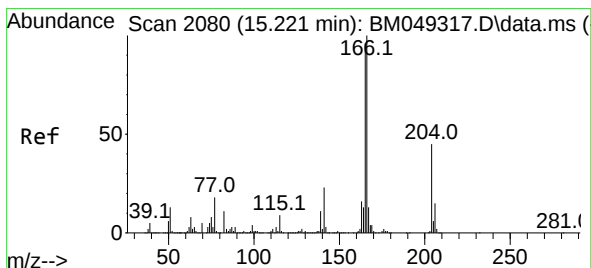
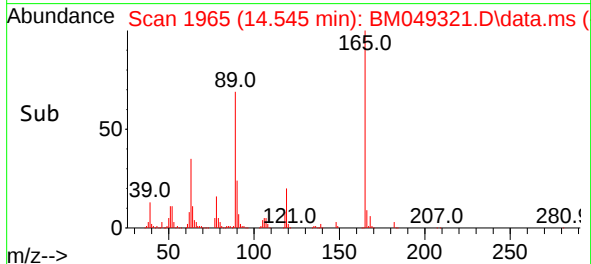
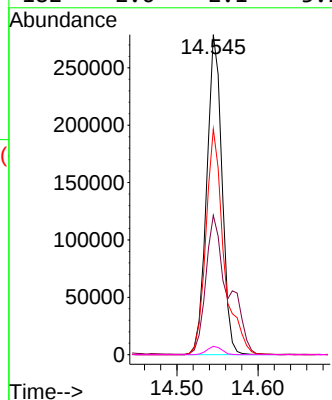
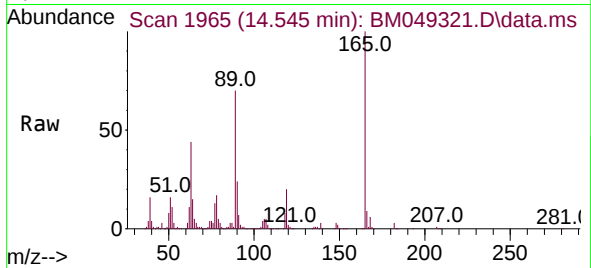




#57
2,4-Dinitrotoluene
Concen: 37.916 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

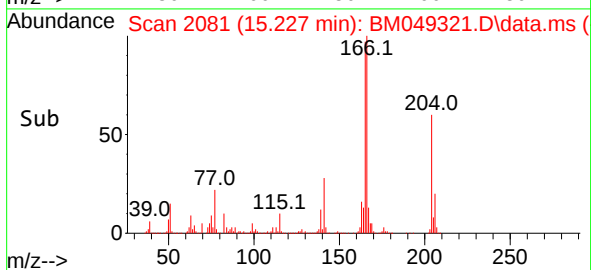
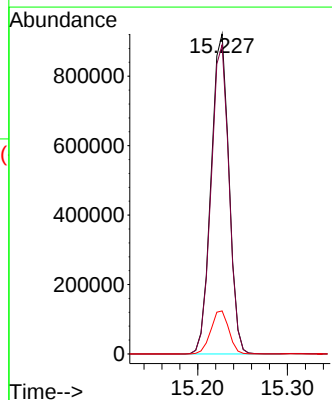
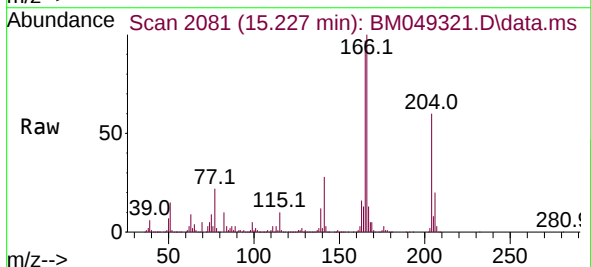
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

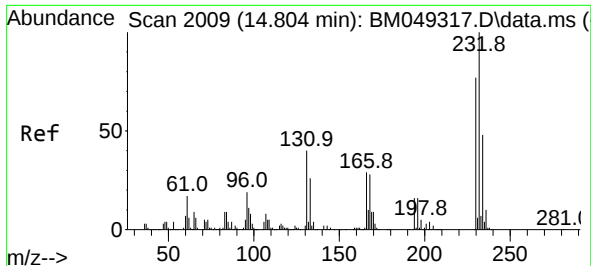
Tgt Ion:165 Resp: 363780
Ion Ratio Lower Upper
165 100
63 43.6 35.9 53.9
89 70.5 56.5 84.7
182 2.6 2.1 3.1



#58
Fluorene
Concen: 37.318 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:166 Resp: 1273161
Ion Ratio Lower Upper
166 100
165 96.6 77.0 115.4
167 13.5 10.7 16.1

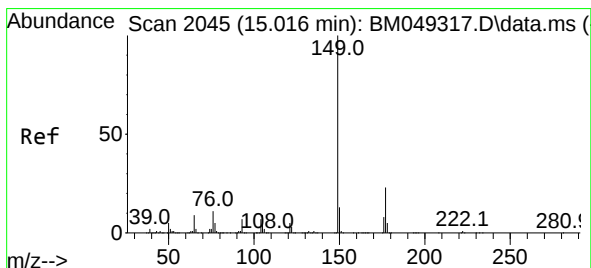
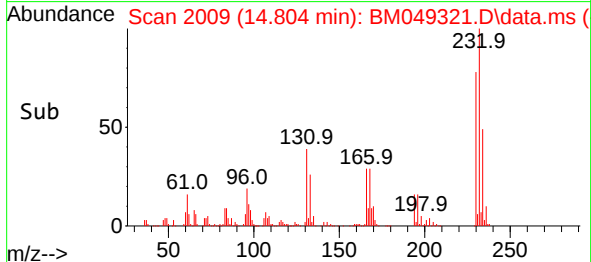
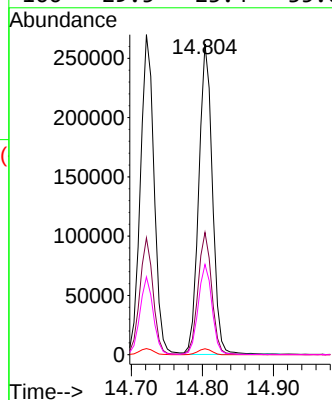
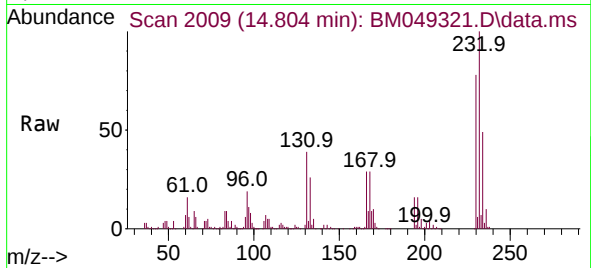




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.027 ng
RT: 14.804 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

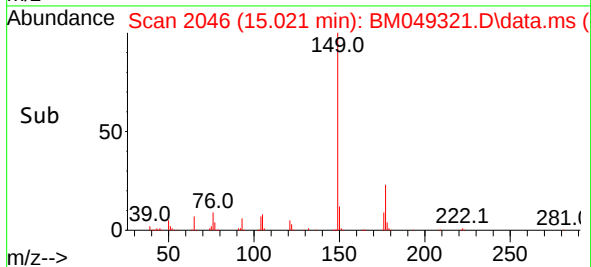
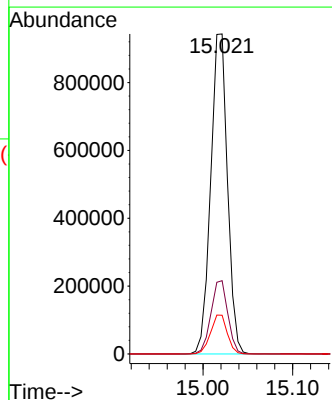
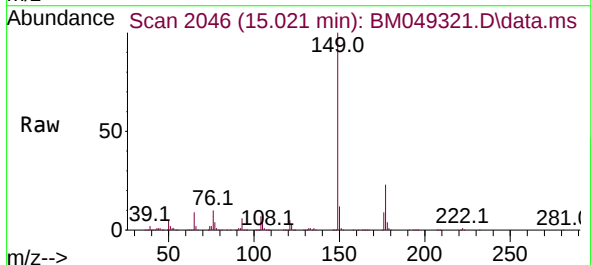
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

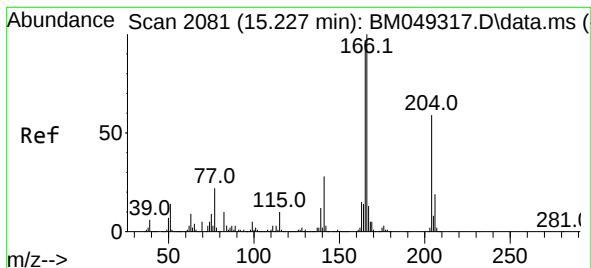
Tgt Ion:	232	Resp:	350036
Ion	Ratio	Lower	Upper
232	100		
131	39.2	31.8	47.6
130	1.9	1.6	2.4
166	29.5	23.4	35.0



#60
Diethylphthalate
Concen: 37.498 ng
RT: 15.021 min Scan# 2046
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:	149	Resp:	1225387
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.4	27.6
150	12.1	10.2	15.2

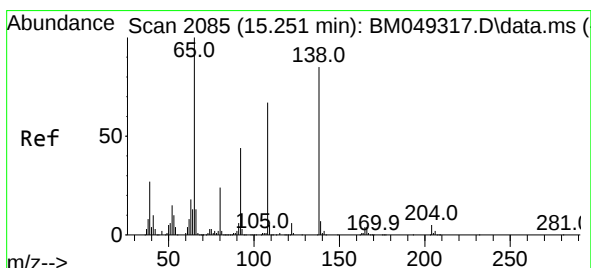
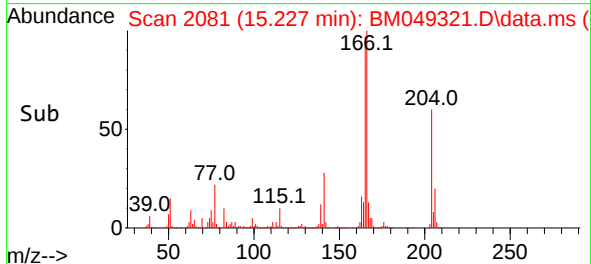
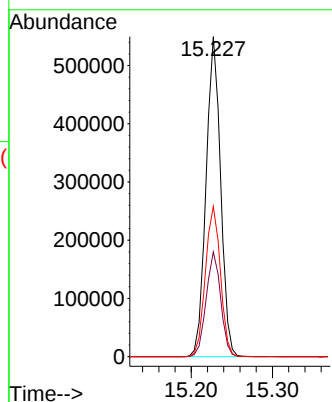
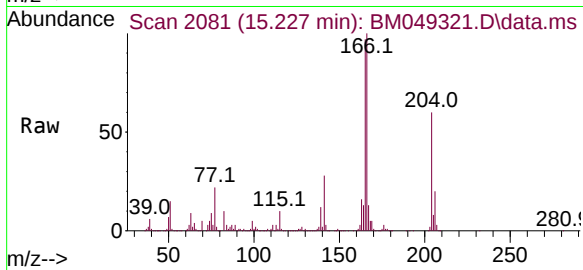




#61
4-Chlorophenyl-phenylether
Concen: 36.598 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

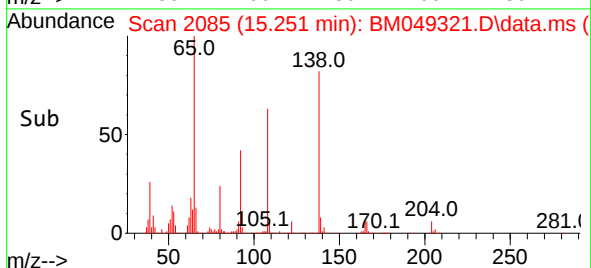
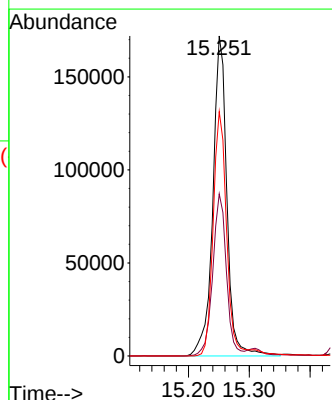
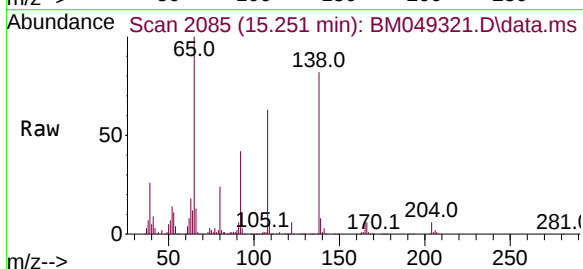
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

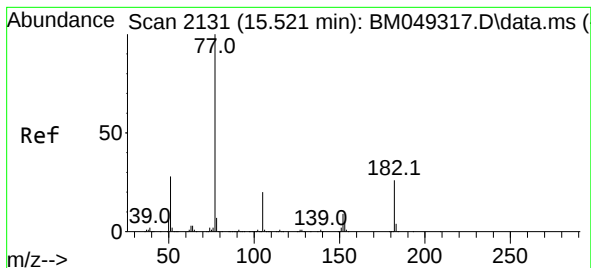
Tgt Ion:204 Resp: 681629
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 47.0 38.6 58.0



#62
4-Nitroaniline
Concen: 36.179 ng
RT: 15.251 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:138 Resp: 276355
Ion Ratio Lower Upper
138 100
92 50.7 31.5 71.5
108 76.4 58.2 98.2





#63

Azobenzene

Concen: 37.728 ng

RT: 15.521 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

Tgt Ion: 77 Resp: 1193598

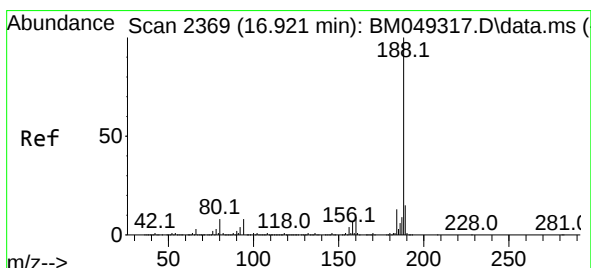
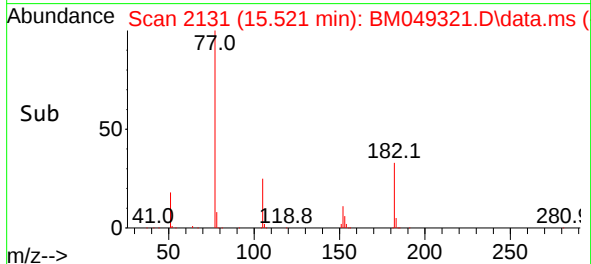
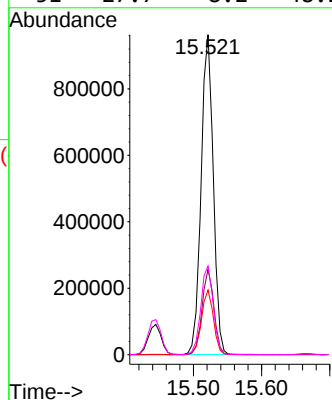
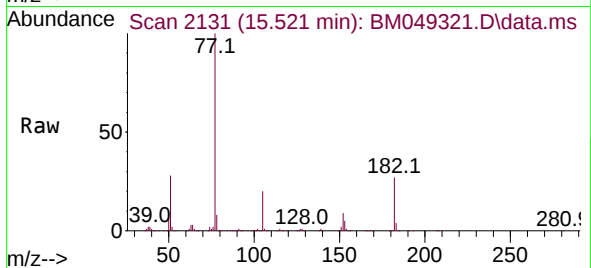
Ion Ratio Lower Upper

77 100

182 26.7 6.0 46.0

105 20.2 0.0 39.6

51 27.7 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.921 min Scan# 2369

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

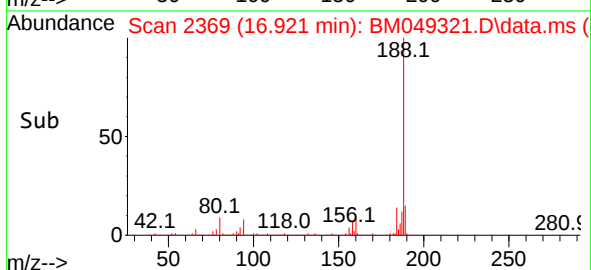
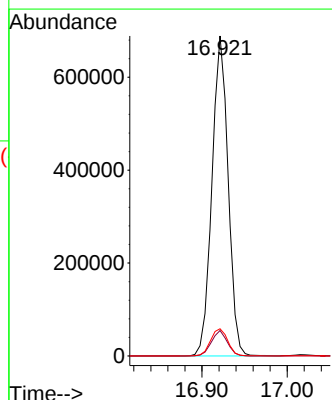
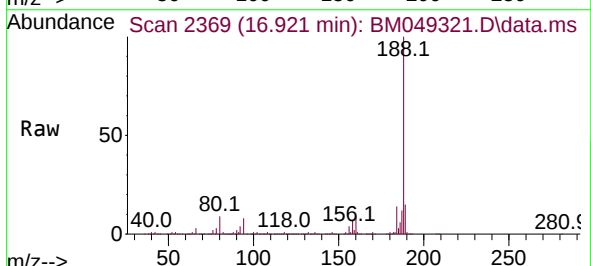
Tgt Ion: 188 Resp: 907747

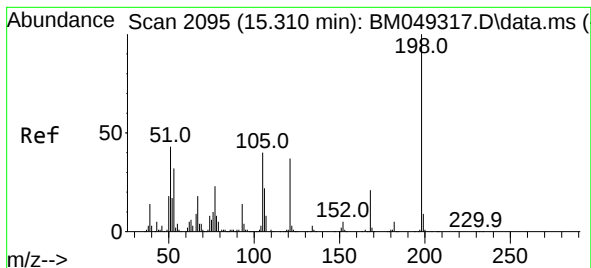
Ion Ratio Lower Upper

188 100

94 8.0 6.0 9.0

80 8.5 6.7 10.1

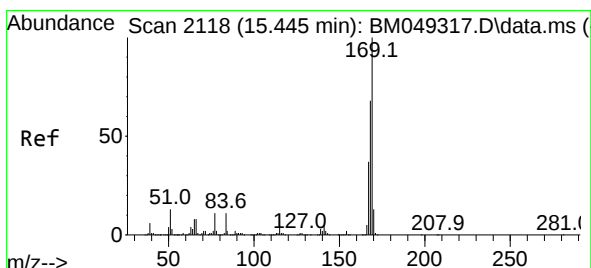
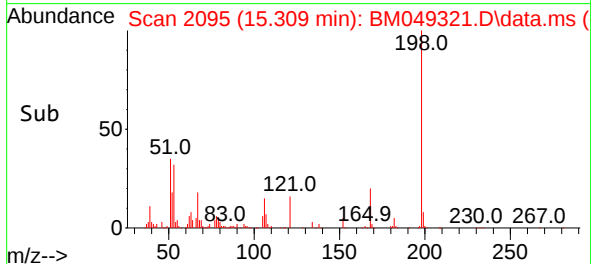
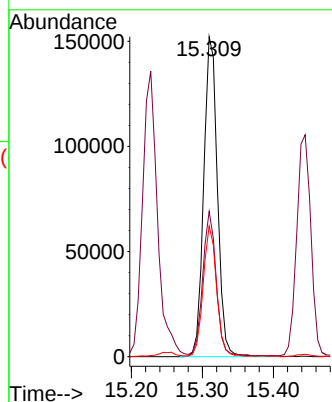
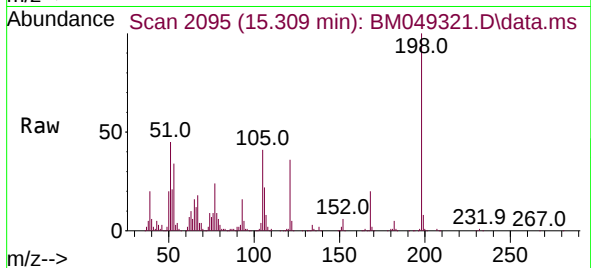




#65
4,6-Dinitro-2-methylphenol
Concen: 39.867 ng
RT: 15.309 min Scan# 2095
Delta R.T. -0.001 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

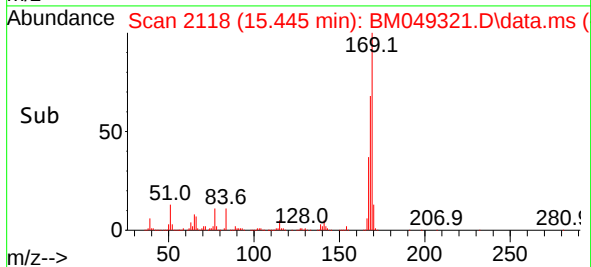
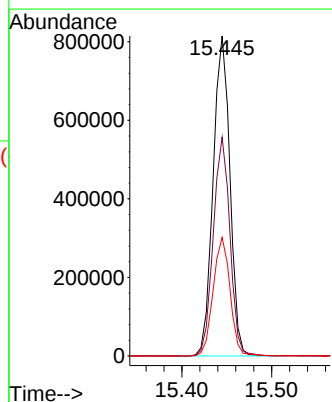
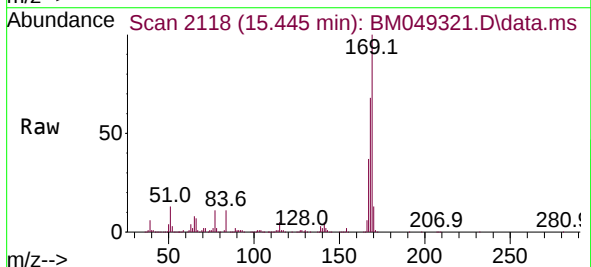
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

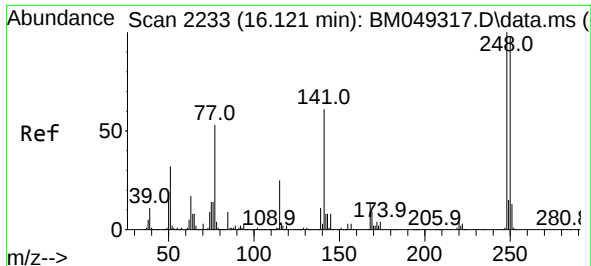
Tgt Ion:198 Resp: 204399
Ion Ratio Lower Upper
198 100
51 45.4 25.1 65.1
105 40.8 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 40.640 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:169 Resp: 1058709
Ion Ratio Lower Upper
169 100
168 68.4 54.5 81.7
167 37.0 30.0 45.0

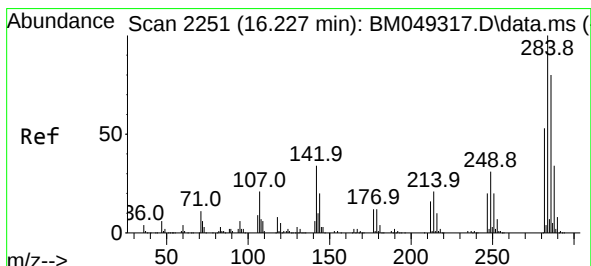
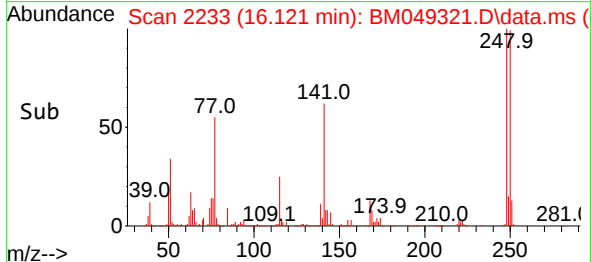
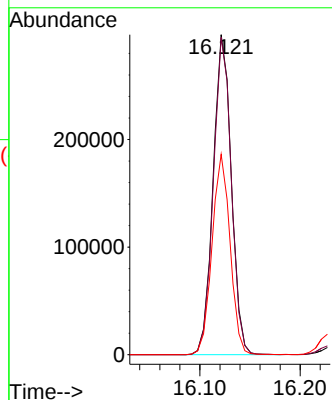
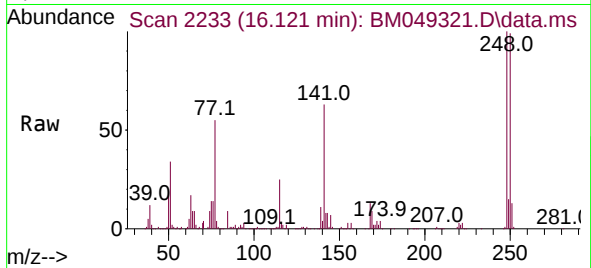




#67
4-Bromophenyl-phenylether
Concen: 38.094 ng
RT: 16.121 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

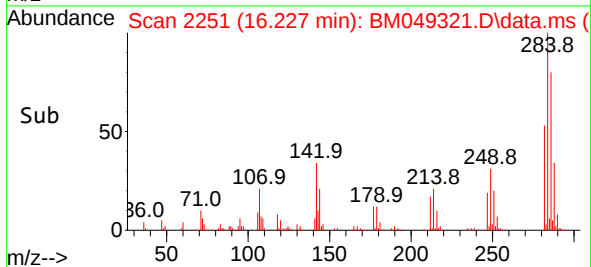
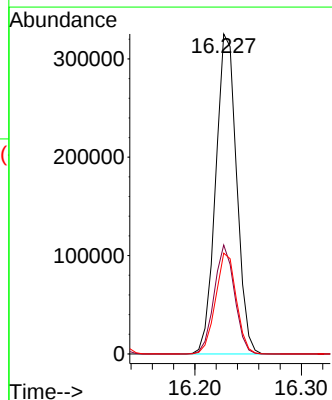
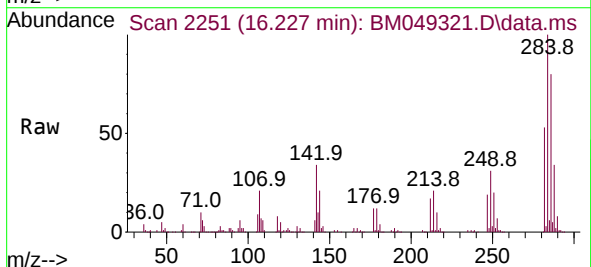
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

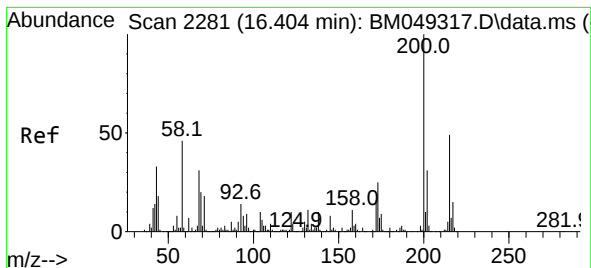
Tgt Ion:248 Resp: 374116
Ion Ratio Lower Upper
248 100
250 99.1 78.5 117.7
141 62.6 49.2 73.8



#68
Hexachlorobenzene
Concen: 37.528 ng
RT: 16.227 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:284 Resp: 442412
Ion Ratio Lower Upper
284 100
142 34.0 27.3 40.9
249 31.5 25.0 37.6





#69

Atrazine

Concen: 58.932 ng

RT: 16.409 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

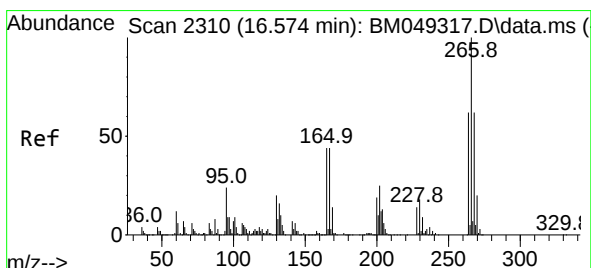
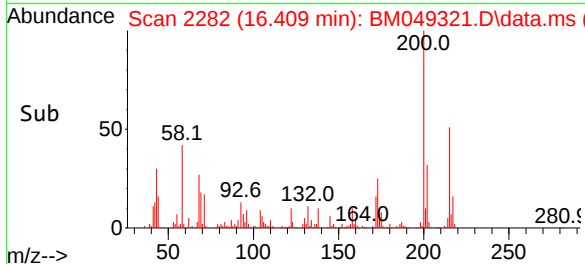
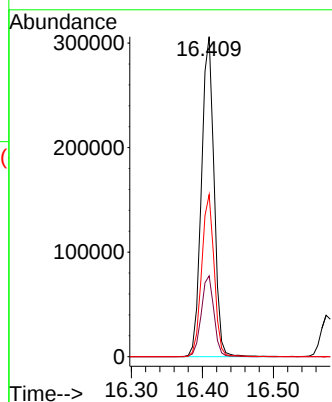
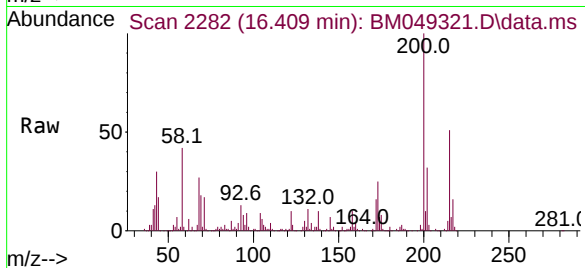
Tgt Ion:200 Resp: 379402

Ion Ratio Lower Upper

200 100

173 25.2 5.3 45.3

215 50.6 28.7 68.7



#70

Pentachlorophenol

Concen: 39.137 ng

RT: 16.574 min Scan# 2310

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

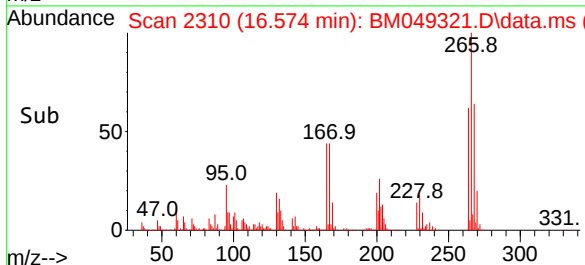
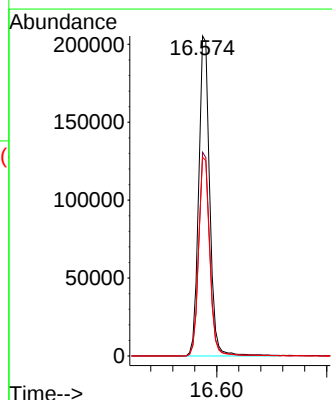
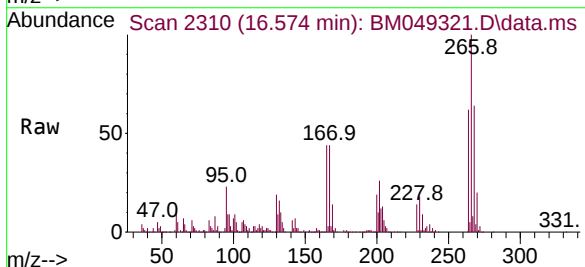
Tgt Ion:266 Resp: 285053

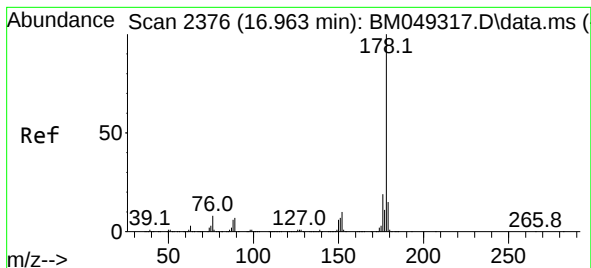
Ion Ratio Lower Upper

266 100

268 63.7 49.4 74.2

264 62.1 49.4 74.0





#71

Phenanthrene

Concen: 39.970 ng

RT: 16.962 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

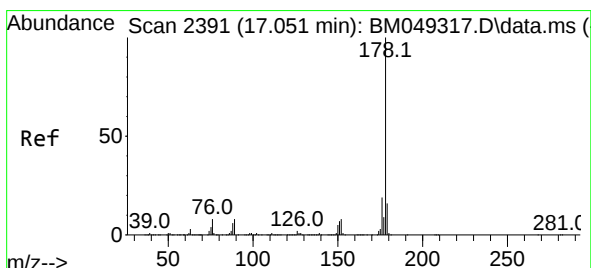
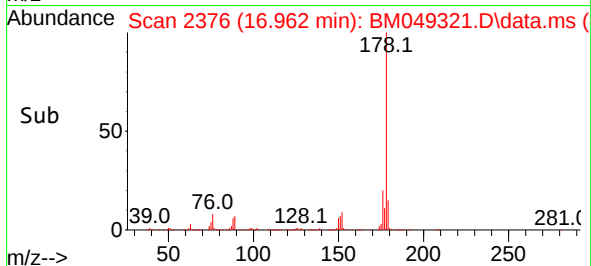
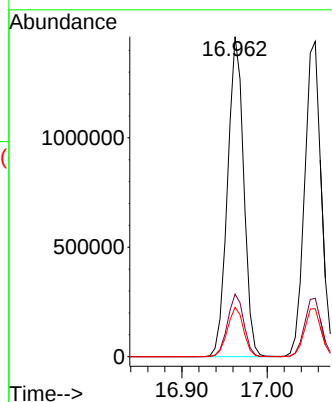
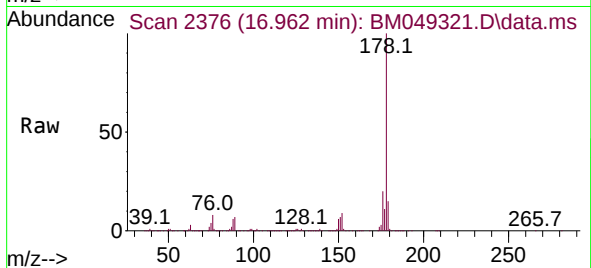
Tgt Ion:178 Resp: 1933601

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.4 12.4 18.6



#72

Anthracene

Concen: 42.556 ng

RT: 17.056 min Scan# 2392

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

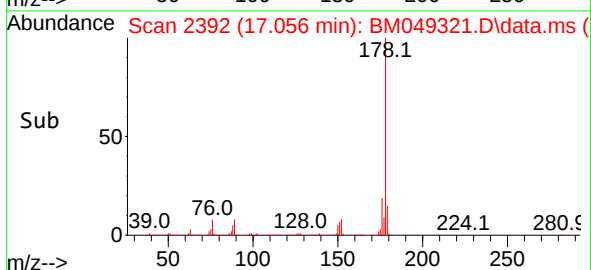
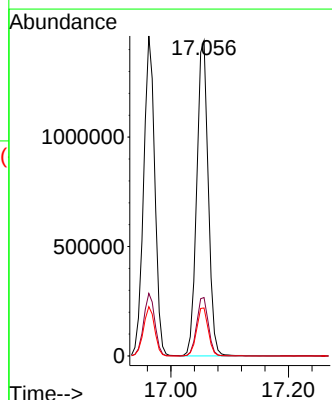
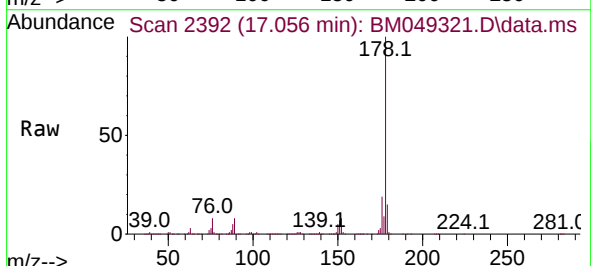
Tgt Ion:178 Resp: 1954071

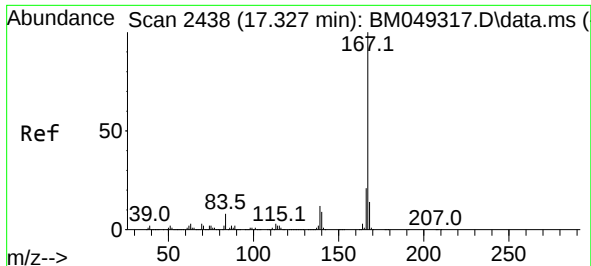
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.3 12.6 19.0



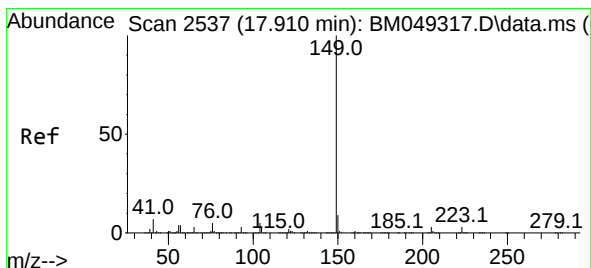
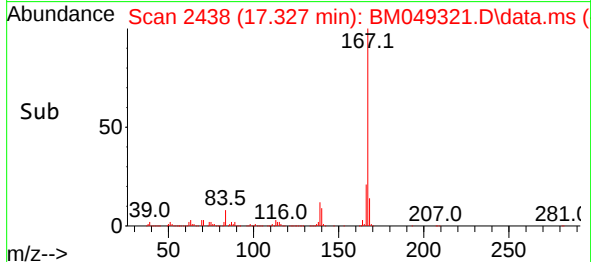
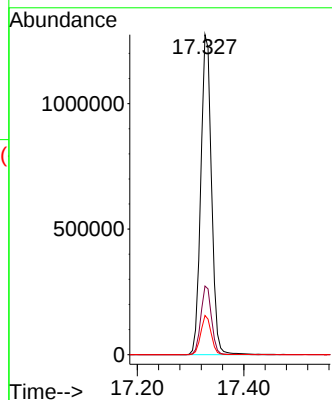
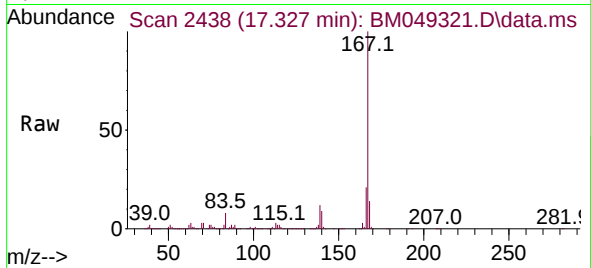


#73
 Carbazole
 Concen: 39.588 ng
 RT: 17.327 min Scan# 2438
 Delta R.T. -0.000 min
 Lab File: BM049321.D
 Acq: 02 Jan 2025 17:33

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010225

Tgt Ion:167 Resp: 1775923

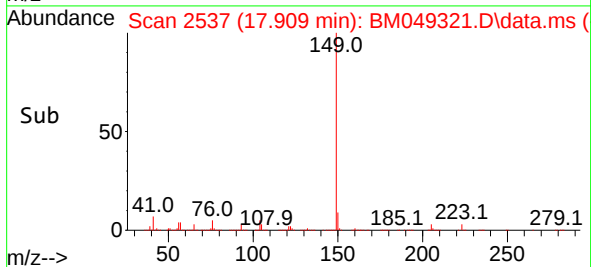
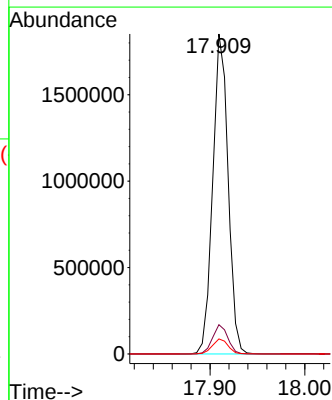
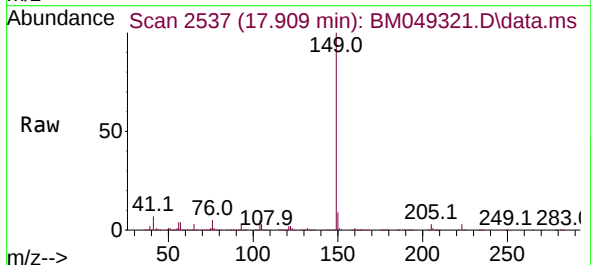
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.3	9.7	14.5

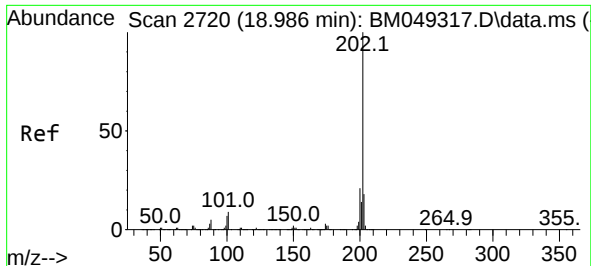


#74
 Di-n-butylphthalate
 Concen: 40.916 ng
 RT: 17.909 min Scan# 2537
 Delta R.T. -0.000 min
 Lab File: BM049321.D
 Acq: 02 Jan 2025 17:33

Tgt Ion:149 Resp: 2078646

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.7	4.0	6.0

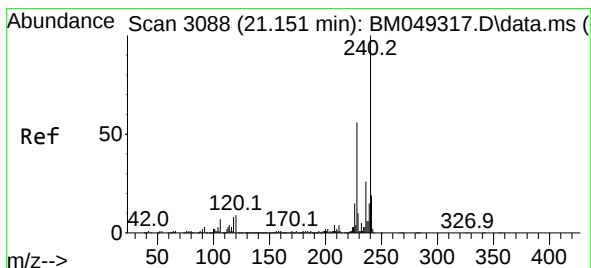
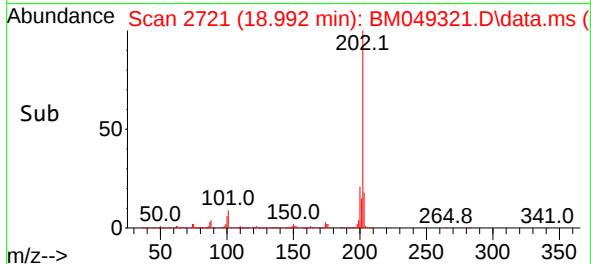
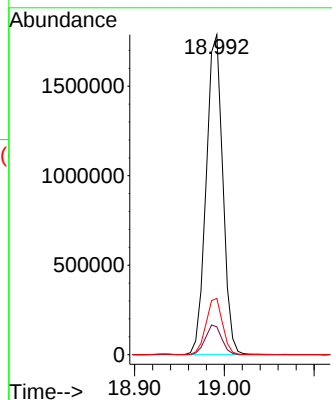
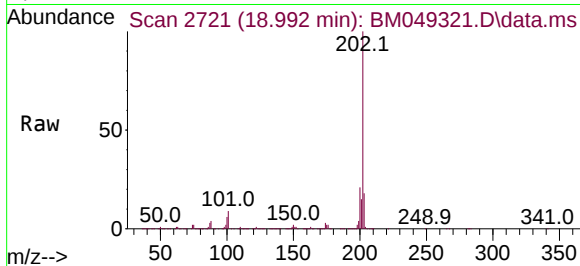




#75
Fluoranthene
Concen: 39.068 ng
RT: 18.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

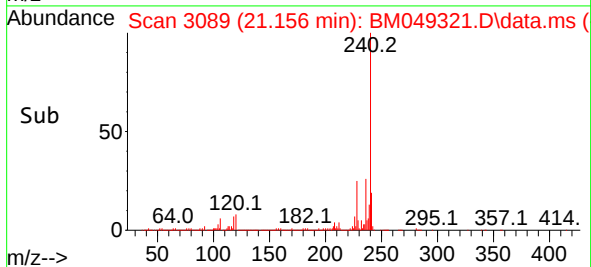
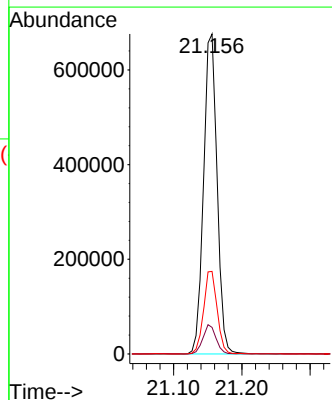
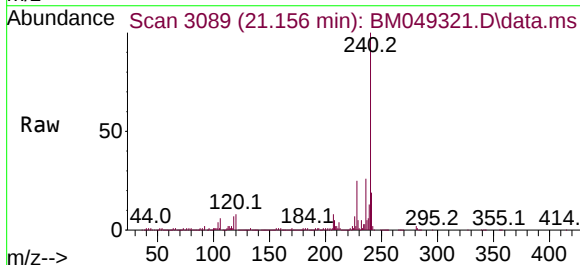
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

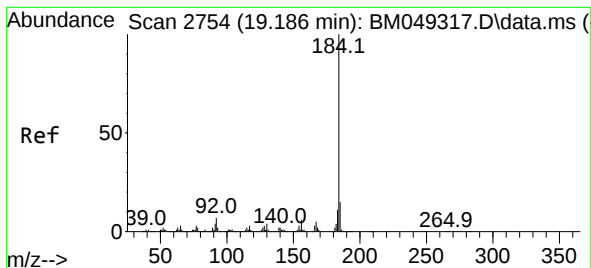
Tgt Ion:202 Resp: 2294763
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.3
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.156 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:240 Resp: 932860
Ion Ratio Lower Upper
240 100
120 8.3 7.5 11.3
236 25.8 21.0 31.4





#77

Benzidine

Concen: 61.719 ng

RT: 19.186 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

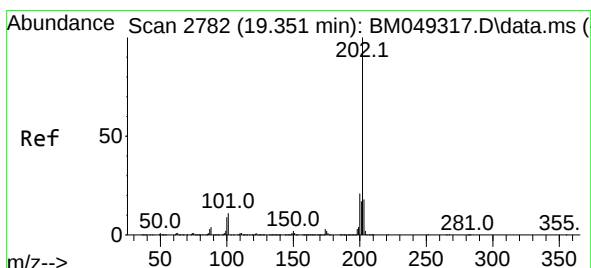
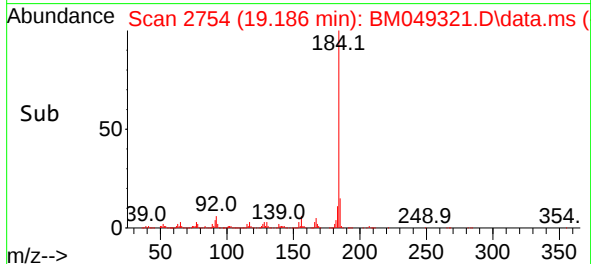
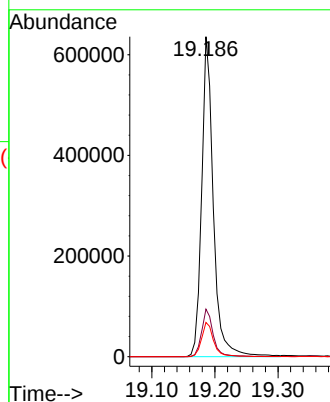
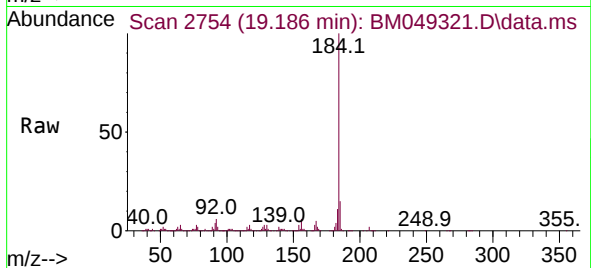
Tgt Ion:184 Resp: 819235

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

183 10.7 8.9 13.3



#78

Pyrene

Concen: 35.767 ng

RT: 19.356 min Scan# 2783

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

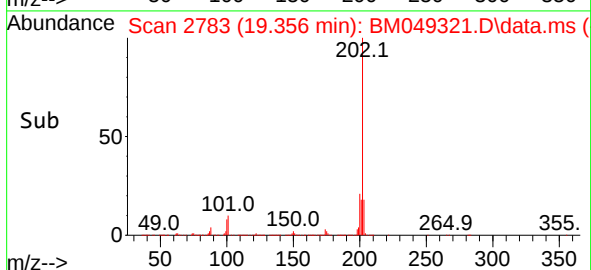
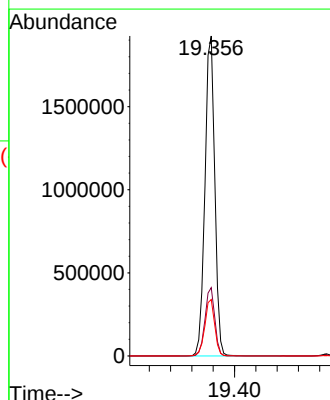
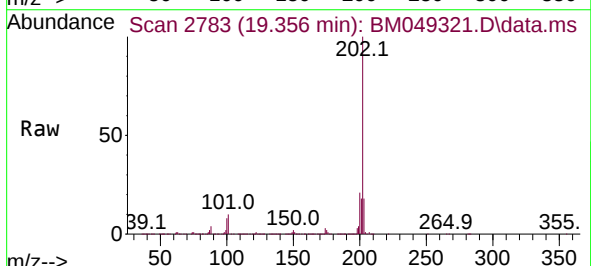
Tgt Ion:202 Resp: 2457227

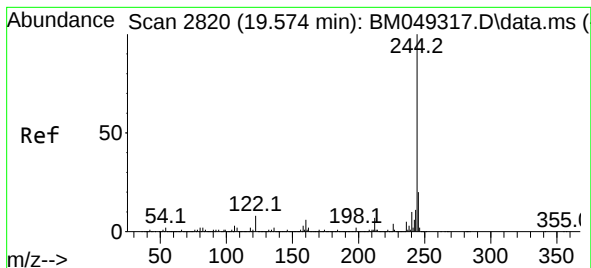
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 70.274 ng

RT: 19.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

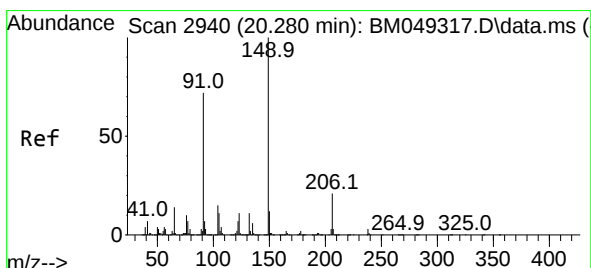
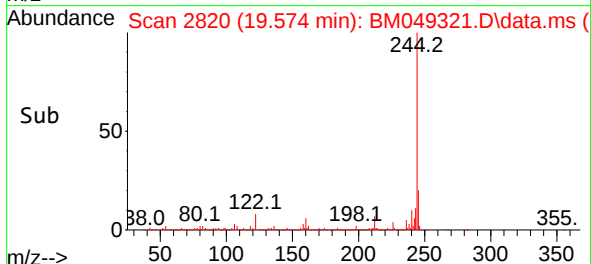
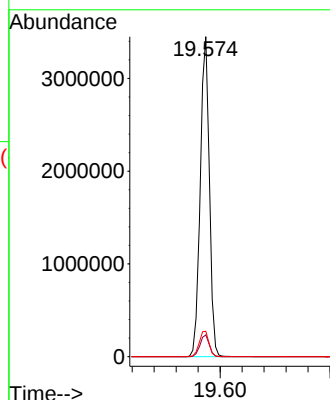
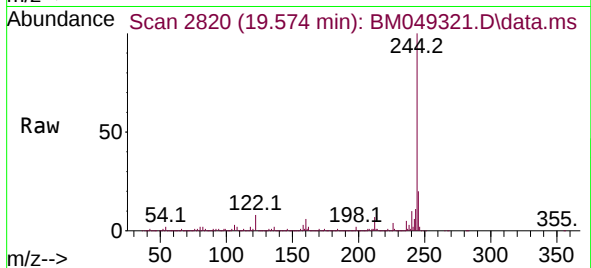
Tgt Ion:244 Resp: 3971916

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 7.9 6.1 9.1



#80

Butylbenzylphthalate

Concen: 37.902 ng

RT: 20.286 min Scan# 2941

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

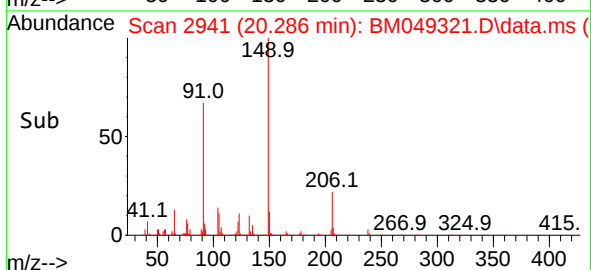
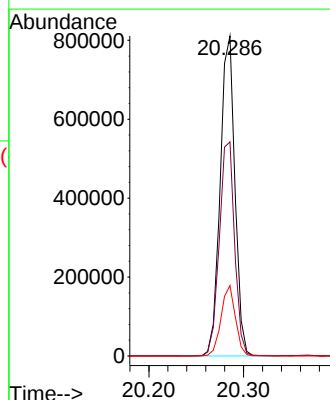
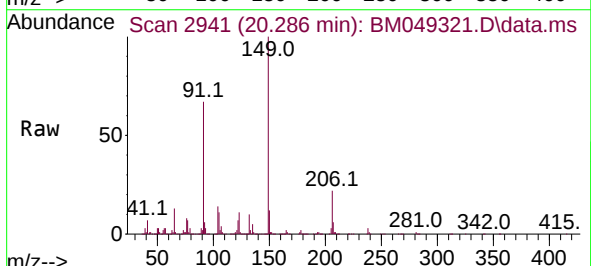
Tgt Ion:149 Resp: 879720

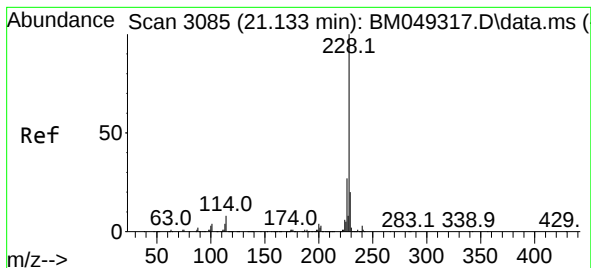
Ion Ratio Lower Upper

149 100

91 66.9 57.5 86.3

206 22.0 16.8 25.2





#81

Benzo(a)anthracene

Concen: 36.943 ng

RT: 21.139 min Scan# 3085

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

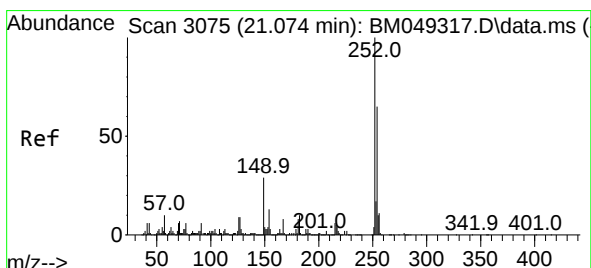
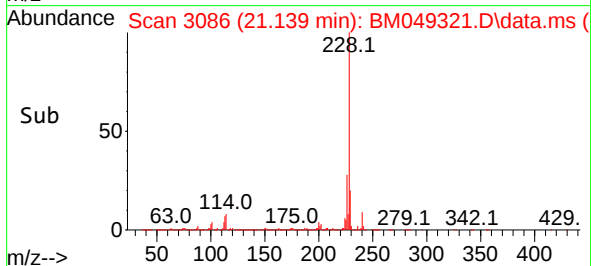
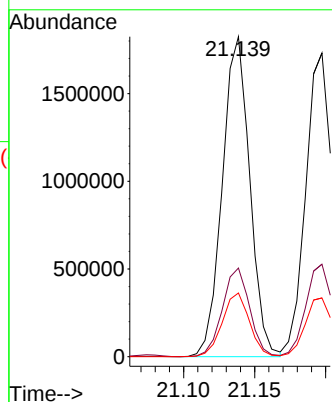
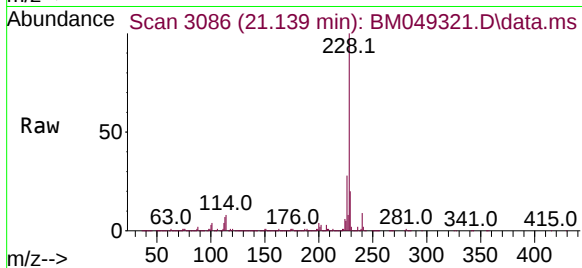
Tgt Ion:228 Resp: 2456378

Ion Ratio Lower Upper

228 100

226 27.7 21.9 32.9

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 39.602 ng

RT: 21.074 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

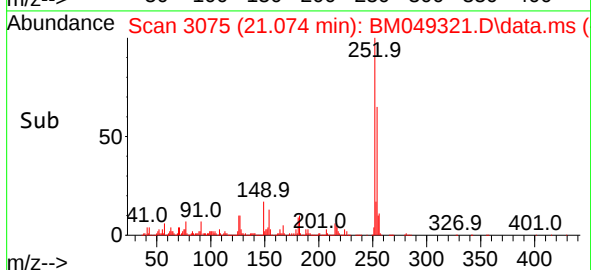
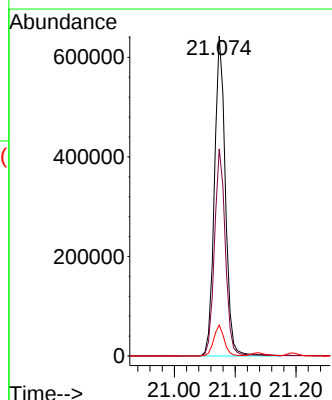
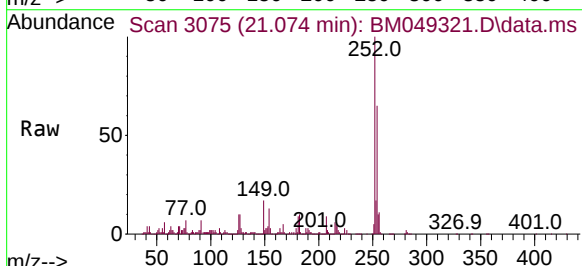
Tgt Ion:252 Resp: 800124

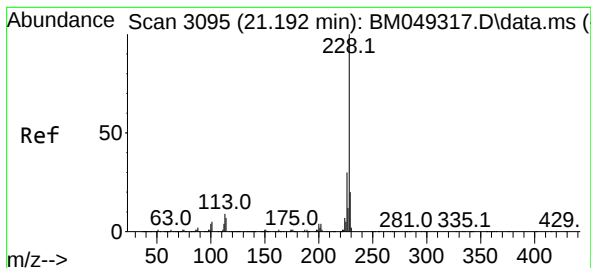
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 9.6 7.2 10.8





#83

Chrysene

Concen: 35.897 ng

RT: 21.197 min Scan# 3095

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

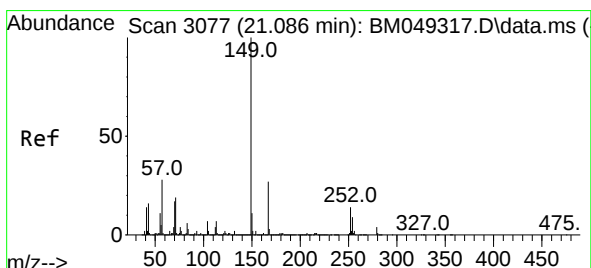
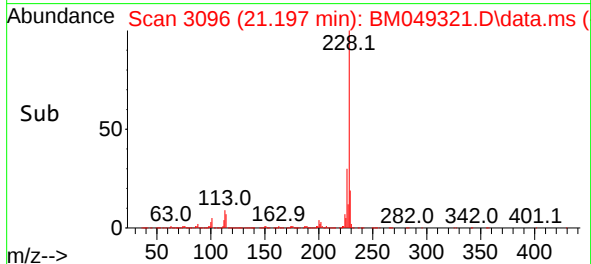
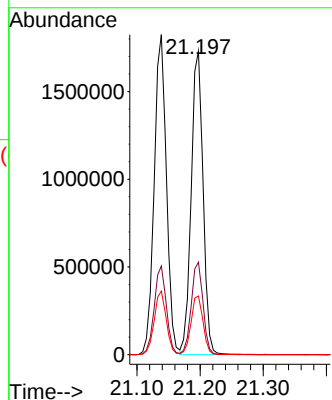
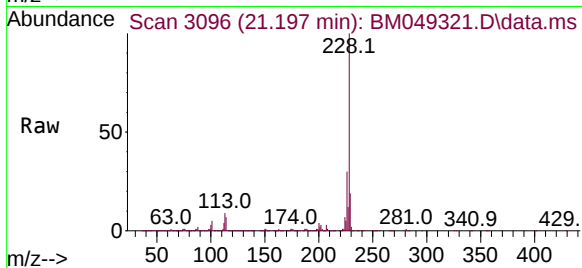
Tgt Ion:228 Resp: 2261995

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.006 ng

RT: 21.091 min Scan# 3078

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

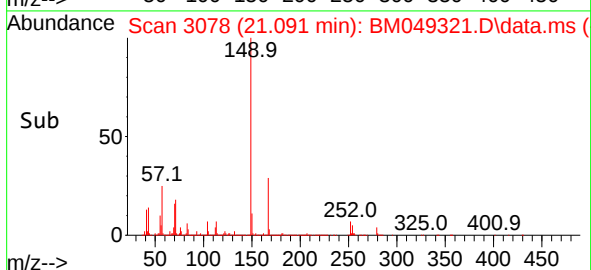
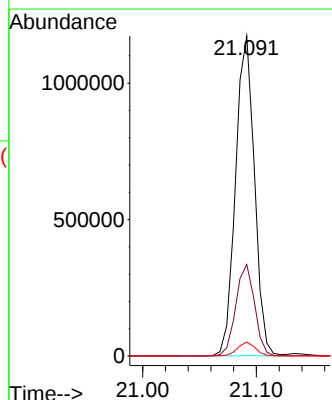
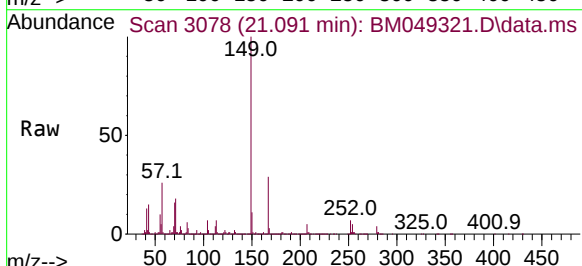
Tgt Ion:149 Resp: 1352114

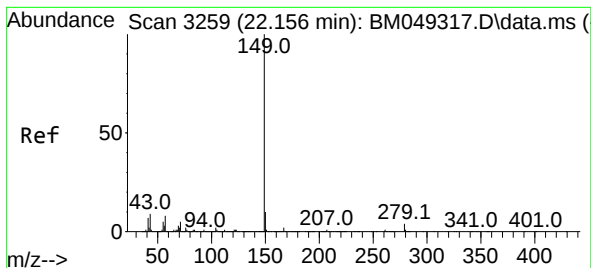
Ion Ratio Lower Upper

149 100

167 28.6 22.0 33.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 35.997 ng

RT: 22.156 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

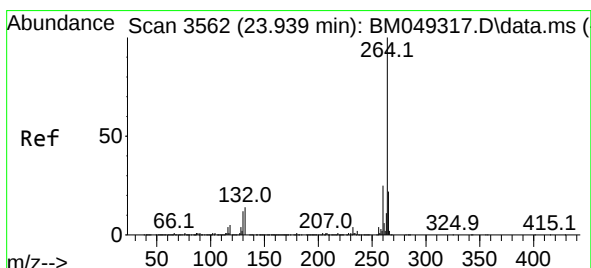
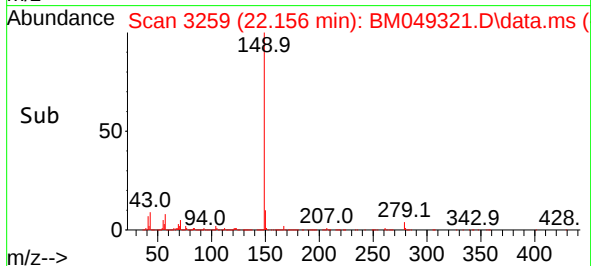
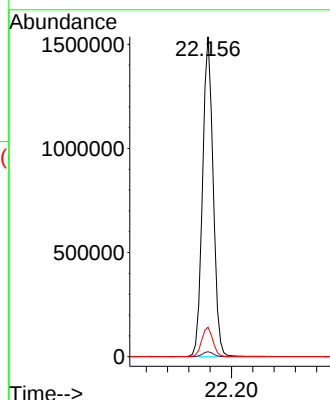
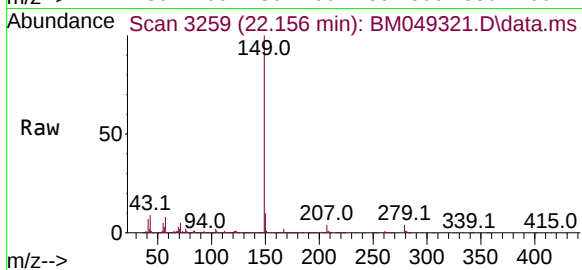
Tgt Ion:149 Resp: 2118028

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3563

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

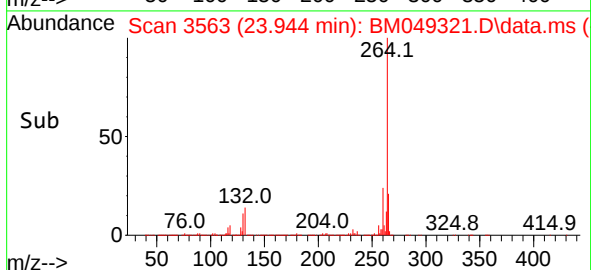
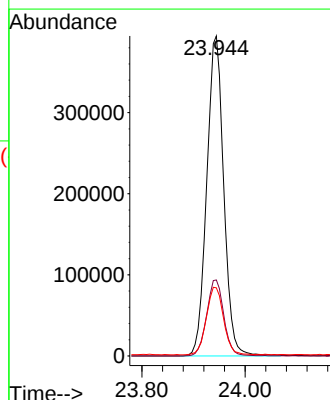
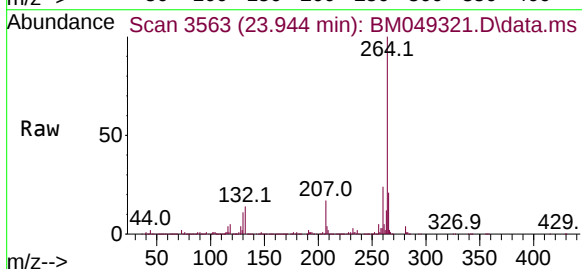
Tgt Ion:264 Resp: 899795

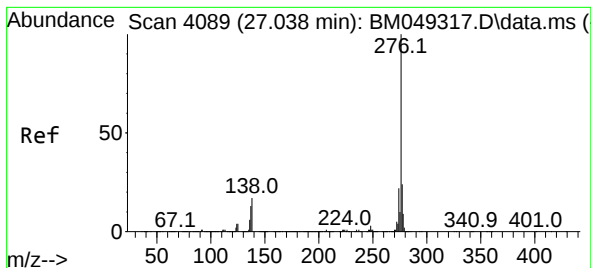
Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 21.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.487 ng

RT: 27.044 min Scan# 4089

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

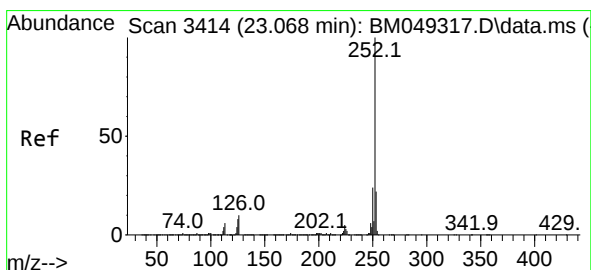
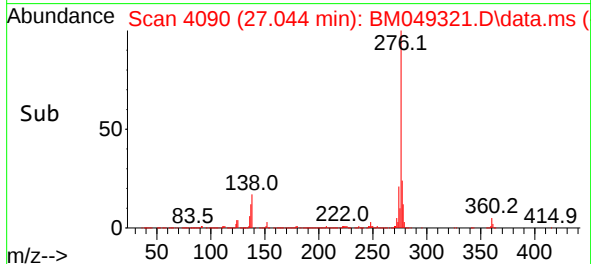
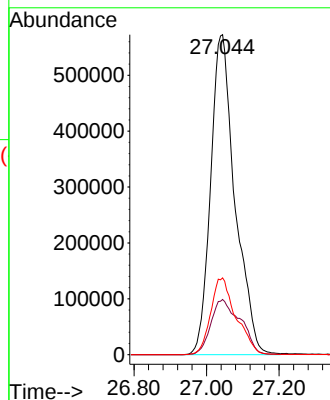
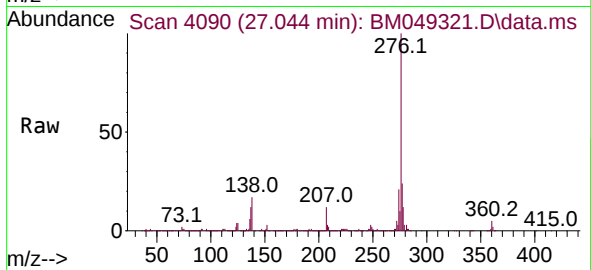
Tgt Ion:276 Resp: 2680560

Ion Ratio Lower Upper

276 100

138 21.0 17.3 25.9

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 37.447 ng

RT: 23.074 min Scan# 3415

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

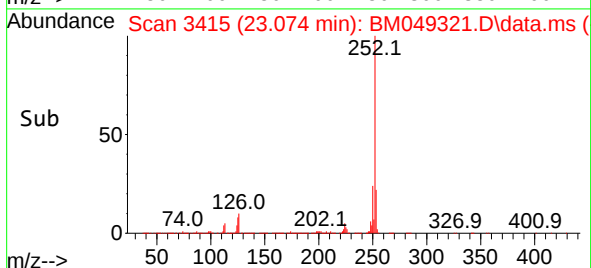
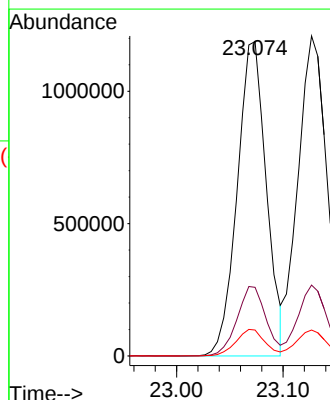
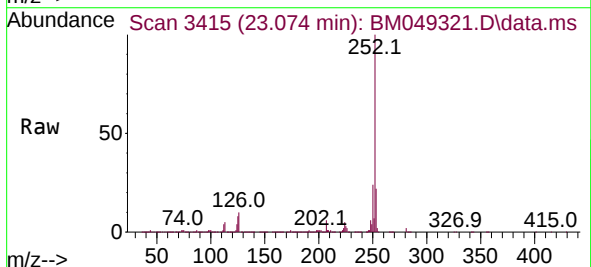
Tgt Ion:252 Resp: 2256177

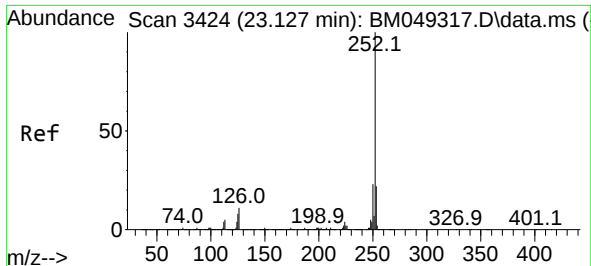
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.2 6.6 10.0

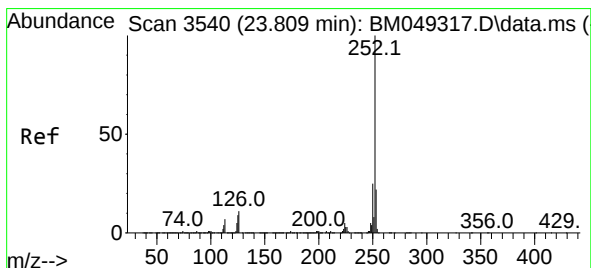
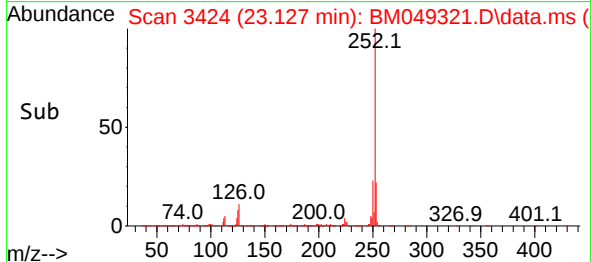
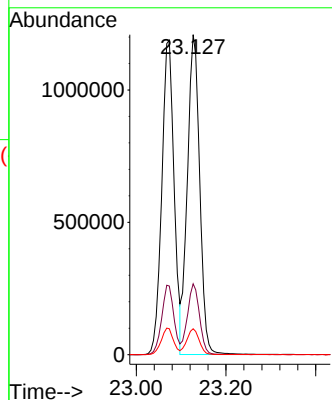
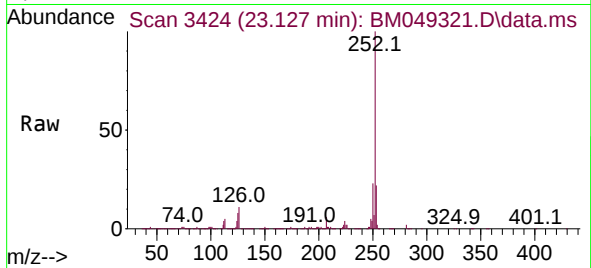




#89
Benzo(k)fluoranthene
Concen: 39.289 ng
RT: 23.127 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

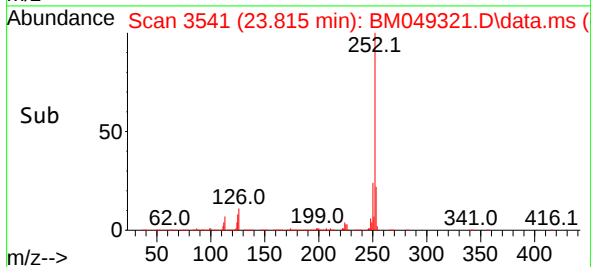
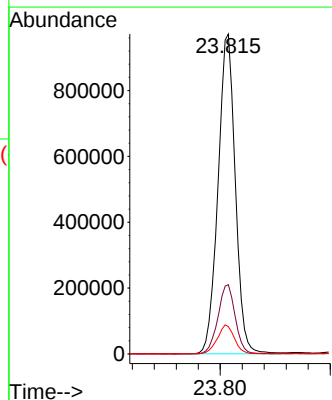
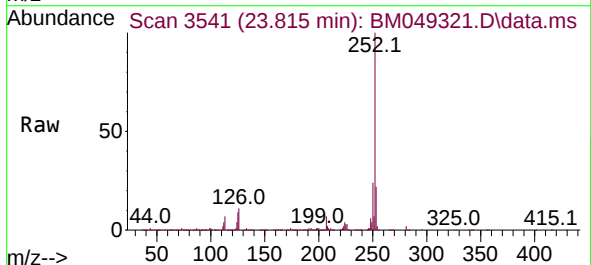
Instrument :
BNA_M
ClientSampleId :
ICVBM010225

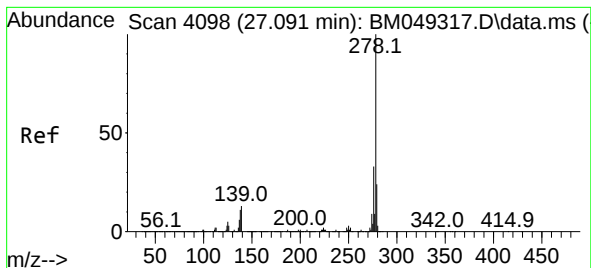
Tgt Ion:252 Resp: 2305134
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.1 6.6 9.8



#90
Benzo(a)pyrene
Concen: 41.478 ng
RT: 23.815 min Scan# 3541
Delta R.T. 0.006 min
Lab File: BM049321.D
Acq: 02 Jan 2025 17:33

Tgt Ion:252 Resp: 2118573
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.5 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 39.580 ng

RT: 27.097 min Scan# 4098

Delta R.T. 0.006 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Instrument :

BNA_M

ClientSampleId :

ICVBM010225

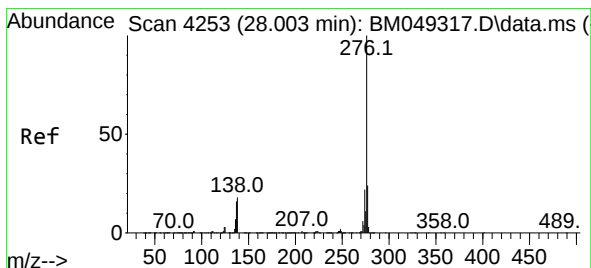
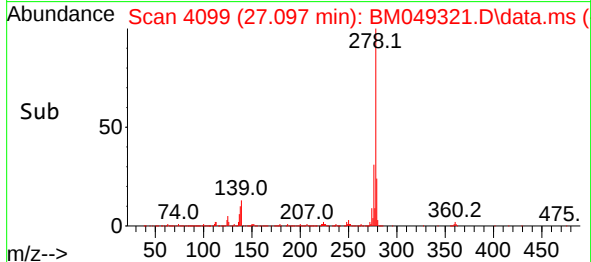
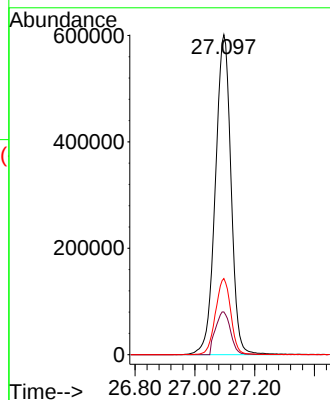
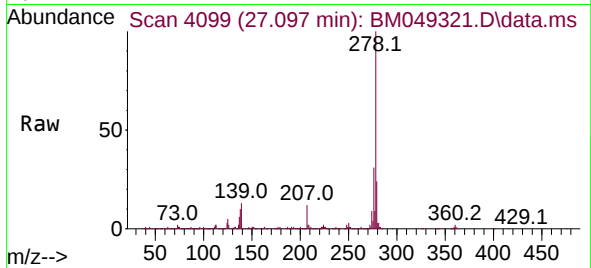
Tgt Ion:278 Resp: 2185279

Ion Ratio Lower Upper

278 100

139 13.4 10.6 16.0

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 35.375 ng

RT: 28.003 min Scan# 4253

Delta R.T. -0.000 min

Lab File: BM049321.D

Acq: 02 Jan 2025 17:33

Tgt Ion:276 Resp: 1958177

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 18.0 14.7 22.1

