

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123124\
 Data File : BM049310.D
 Acq On : 31 Dec 2024 18:27
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM123124

Quant Time: Dec 31 23:08:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM123124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 23:06:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	195354	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	747323	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	482842	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	992559	20.000	ng	0.00
76) Chrysene-d12	21.150	240	922080	20.000	ng	0.00
86) Perylene-d12	23.938	264	959149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	998267	79.870	ng	0.00
7) Phenol-d6	6.722	99	1317179	80.448	ng	0.00
23) Nitrobenzene-d5	8.675	82	1260825	79.831	ng	0.00
42) 2,4,6-Tribromophenol	15.668	330	525877	81.560	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	2963379	79.975	ng	0.00
79) Terphenyl-d14	19.574	244	4567042	81.976	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.157	88	202340	38.703	ng	98
3) Pyridine	3.534	79	501667	33.478	ng	99
4) n-Nitrosodimethylamine	3.452	42	235856	38.634	ng	98
6) Aniline	6.869	93	533089	39.617	ng	99
8) 2-Chlorophenol	7.104	128	506303	39.724	ng	99
9) Benzaldehyde	6.687	77	354748	38.539	ng	100
10) Phenol	6.751	94	650426	39.513	ng	99
11) bis(2-Chloroethyl)ether	6.969	93	523017	39.723	ng	100
12) 1,3-Dichlorobenzene	7.416	146	599518	39.578	ng	99
13) 1,4-Dichlorobenzene	7.563	146	606403	39.592	ng	100
14) 1,2-Dichlorobenzene	7.875	146	590000	39.838	ng	99
15) Benzyl Alcohol	7.775	79	426815	40.588	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.063	45	752190	39.686	ng	99
17) 2-Methylphenol	7.981	107	412997	40.388	ng	98
18) Hexachloroethane	8.592	117	225731	39.859	ng	95
19) n-Nitroso-di-n-propyla...	8.334	70	437563	41.589	ng	99
20) 3+4-Methylphenols	8.304	107	569913	40.646	ng	99
22) Acetophenone	8.345	105	806797	39.478	ng	100
24) Nitrobenzene	8.716	77	634813	39.464	ng	99
25) Isophorone	9.239	82	1097081	40.454	ng	99
26) 2-Nitrophenol	9.416	139	270720	41.841	ng	95
27) 2,4-Dimethylphenol	9.492	122	322596	40.552	ng	100
28) bis(2-Chloroethoxy)met...	9.722	93	688881	39.553	ng	99
29) 2,4-Dichlorophenol	9.951	162	506149	40.927	ng	99
30) 1,2,4-Trichlorobenzene	10.157	180	599467	39.268	ng	98
31) Naphthalene	10.339	128	1582221	38.947	ng	100
32) Benzoic acid	9.639	122	340730	40.731	ng	94
33) 4-Chloroaniline	10.463	127	562859	40.524	ng	99
34) Hexachlorobutadiene	10.633	225	378404	39.211	ng	99
35) Caprolactam	11.239	113	145087	41.438	ng	97
36) 4-Chloro-3-methylphenol	11.598	107	490102	40.603	ng	97
37) 2-Methylnaphthalene	11.963	142	1121785	40.186	ng	99
38) 1-Methylnaphthalene	12.186	142	1106261	39.977	ng	99
40) 1,2,4,5-Tetrachloroben...	12.339	216	650965	39.753	ng	99
41) Hexachlorocyclopentadiene	12.322	237	214758	39.833	ng	95
43) 2,4,6-Trichlorophenol	12.586	196	422857	40.525	ng	100

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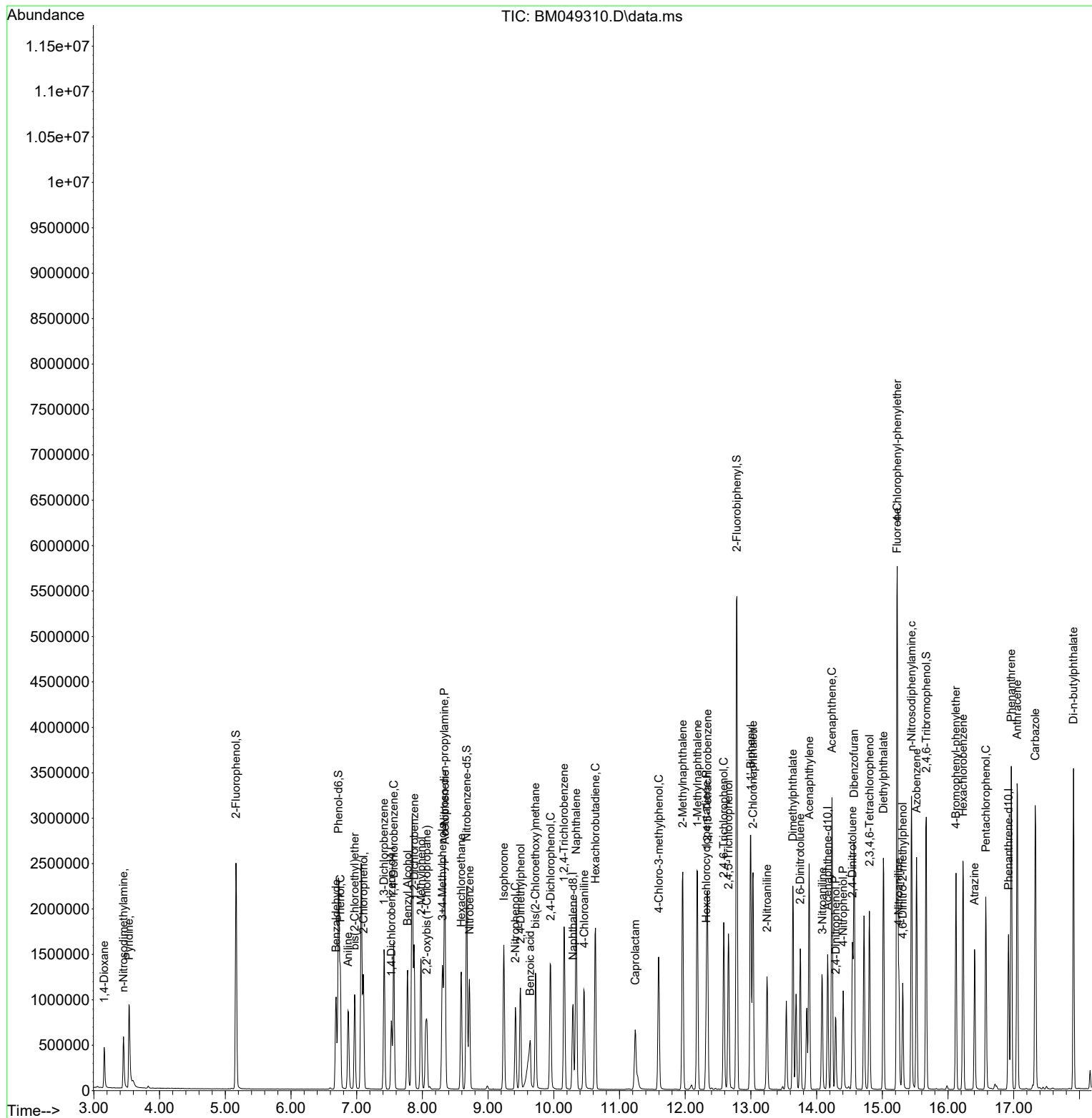
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	468969	40.416	ng	100
46) 1,1'-Biphenyl	12.998	154	1460125	39.869	ng	99
47) 2-Chloronaphthalene	13.033	162	1193536	39.654	ng	99
48) 2-Nitroaniline	13.245	65	334203	41.984	ng	98
49) Acenaphthylene	13.886	152	1652575	39.992	ng	99
50) Dimethylphthalate	13.639	163	1400747	39.553	ng	100
51) 2,6-Dinitrotoluene	13.751	165	314254	41.047	ng	99
52) Acenaphthene	14.233	154	1062931	39.839	ng	100
53) 3-Nitroaniline	14.086	138	297798	41.492	ng	96
54) 2,4-Dinitrophenol	14.292	184	168952	40.932	ng	99
55) Dibenzofuran	14.569	168	1734897	39.517	ng	100
56) 4-Nitrophenol	14.404	139	254941	43.005	ng	99
57) 2,4-Dinitrotoluene	14.545	165	429800	42.118	ng	98
58) Fluorene	15.221	166	1443613	40.295	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.804	232	383944	40.260	ng	99
60) Diethylphthalate	15.016	149	1392406	39.980	ng	99
61) 4-Chlorophenyl-phenyle...	15.227	204	784899	40.289	ng	99
62) 4-Nitroaniline	15.251	138	312924	42.937	ng	98
63) Azobenzene	15.521	77	1330028	40.108	ng	99
65) 4,6-Dinitro-2-methylph...	15.310	198	240195	40.736	ng	99
66) n-Nitrosodiphenylamine	15.445	169	1163023	40.554	ng	98
67) 4-Bromophenyl-phenylether	16.121	248	439820	40.179	ng	99
68) Hexachlorobenzene	16.227	284	515984	39.992	ng	97
69) Atrazine	16.404	200	260883	35.183	ng	98
70) Pentachlorophenol	16.574	266	344423	41.804	ng	99
71) Phenanthrene	16.962	178	2100878	39.868	ng	100
72) Anthracene	17.051	178	2043026	40.472	ng	100
73) Carbazole	17.327	167	1987134	40.593	ng	100
74) Di-n-butylphthalate	17.909	149	2352736	41.648	ng	99
75) Fluoranthene	18.986	202	2594412	40.413	ng	99
77) Benzidine	19.186	184	565981	50.108	ng	99
78) Pyrene	19.351	202	2707706	39.759	ng	100
80) Butylbenzylphthalate	20.280	149	1009652	42.187	ng	98
81) Benzo(a)anthracene	21.133	228	2630408	40.057	ng	100
82) 3,3'-Dichlorobenzidine	21.074	252	878948	42.049	ng	99
83) Chrysene	21.192	228	2434454	39.428	ng	99
84) Bis(2-ethylhexyl)phtha...	21.086	149	1546800	42.521	ng	99
85) Di-n-octyl phthalate	22.150	149	2455448	41.941	ng	99
87) Indeno(1,2,3-cd)pyrene	27.032	276	2877392	40.642	ng	# 94
88) Benzo(b)fluoranthene	23.068	252	2521885	39.450	ng	99
89) Benzo(k)fluoranthene	23.127	252	2507847	40.355	ng	100
90) Benzo(a)pyrene	23.809	252	2169213	39.810	ng	99
91) Dibenzo(a,h)anthracene	27.091	278	2396893	40.670	ng	100
92) Benzo(g,h,i)perylene	27.997	276	2363723	39.922	ng	98

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

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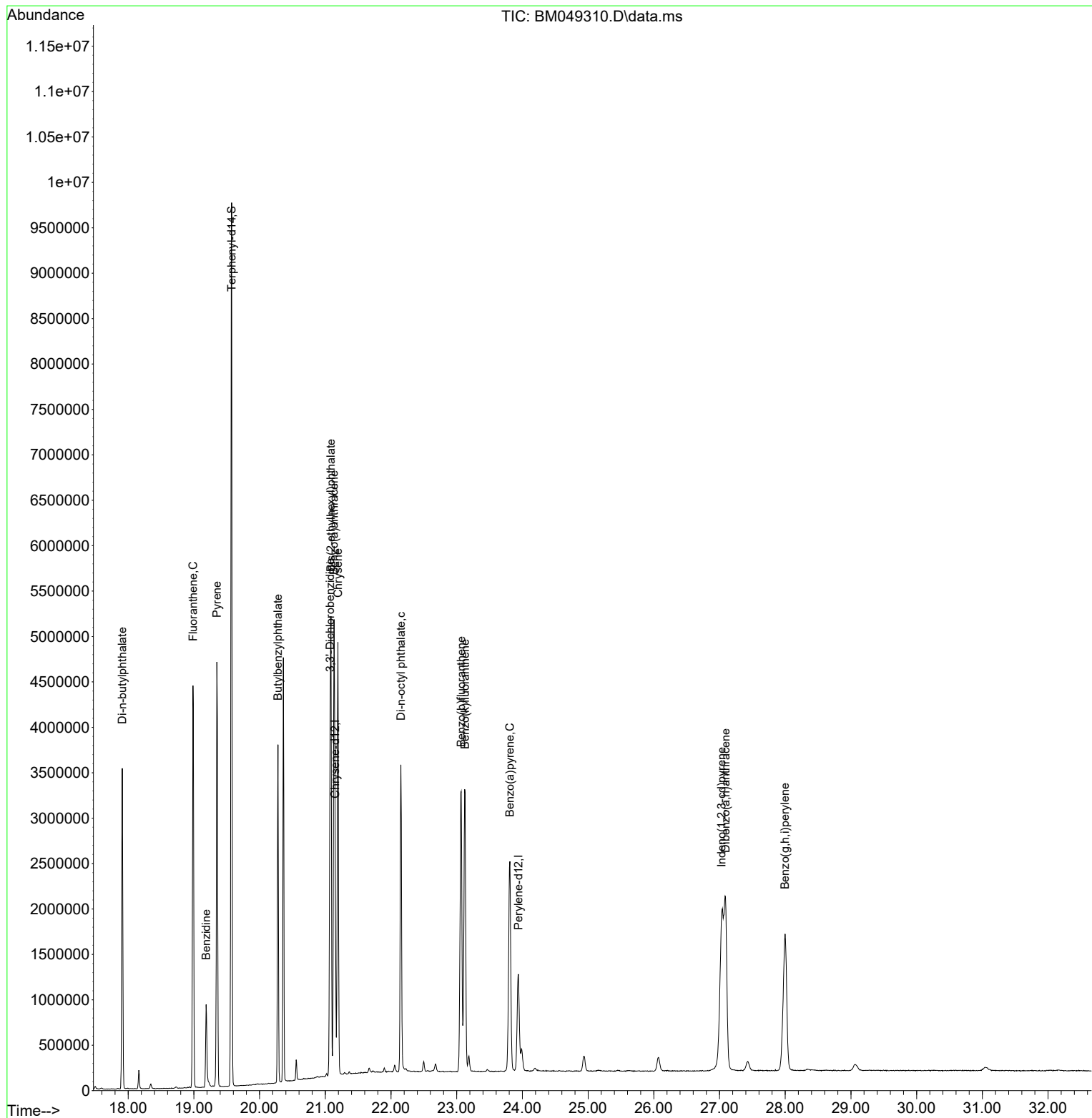
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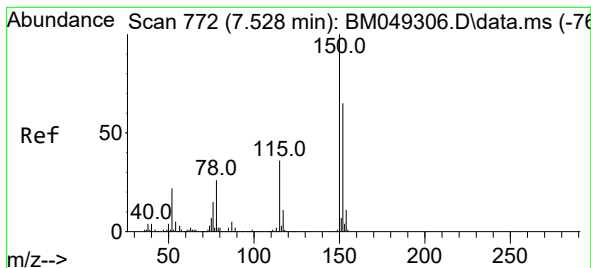


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.528 min Scan# 7

Delta R.T. -0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

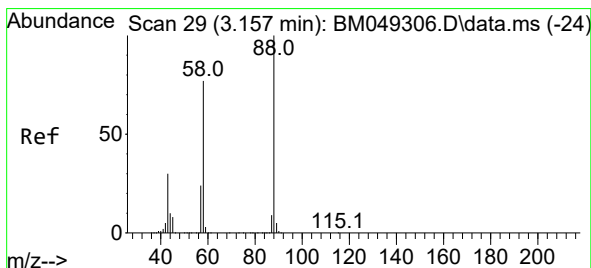
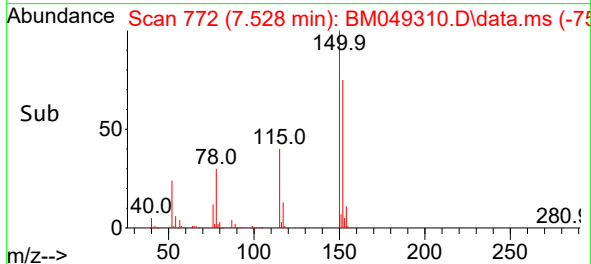
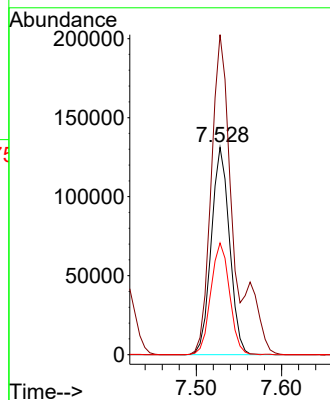
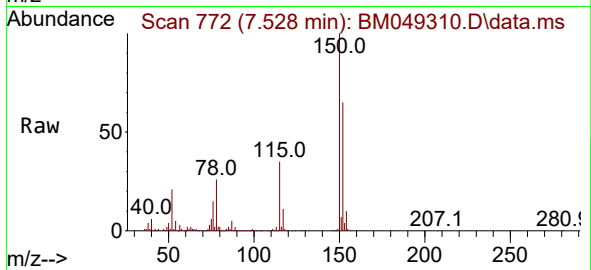
Tgt Ion:152 Resp: 195354

Ion Ratio Lower Upper

152 100

150 154.3 122.2 183.2

115 53.8 44.5 66.7



#2

1,4-Dioxane

Concen: 38.703 ng

RT: 3.157 min Scan# 29

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

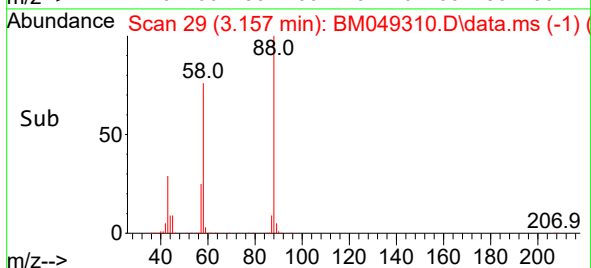
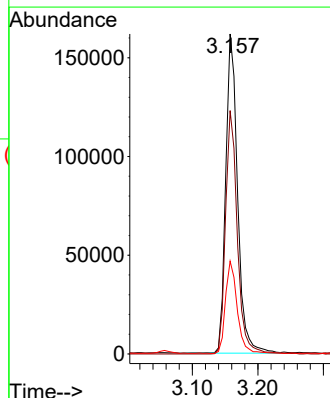
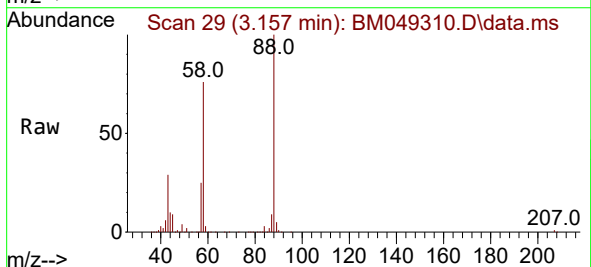
Tgt Ion: 88 Resp: 202340

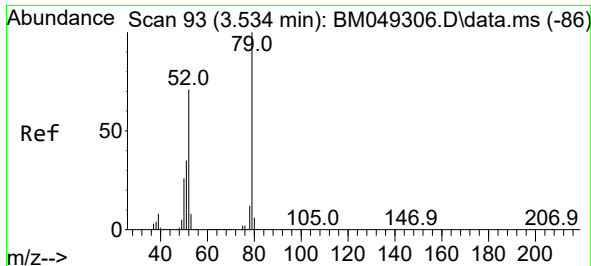
Ion Ratio Lower Upper

88 100

58 75.8 61.9 92.9

43 28.7 23.6 35.4

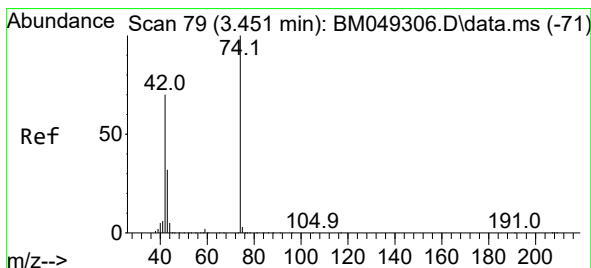
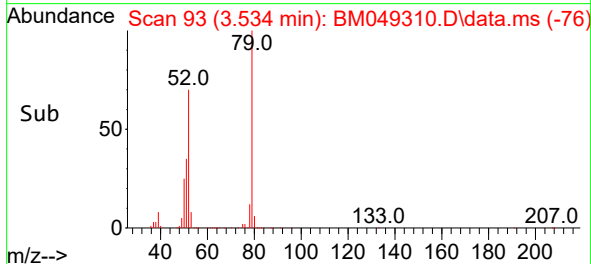
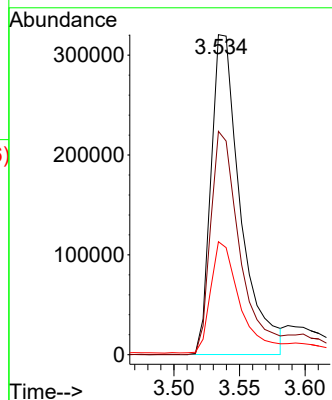
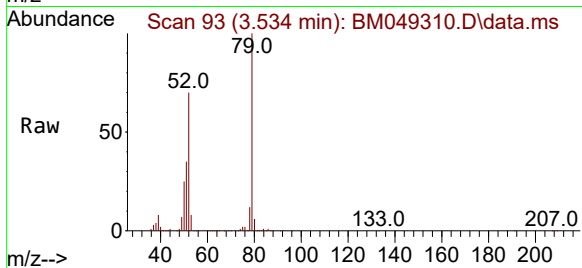




#3
Pyridine
Concen: 33.478 ng
RT: 3.534 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

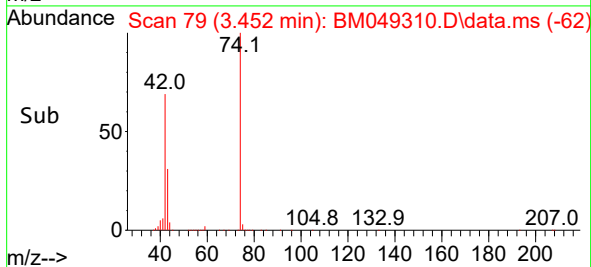
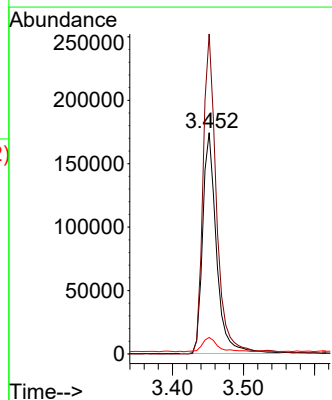
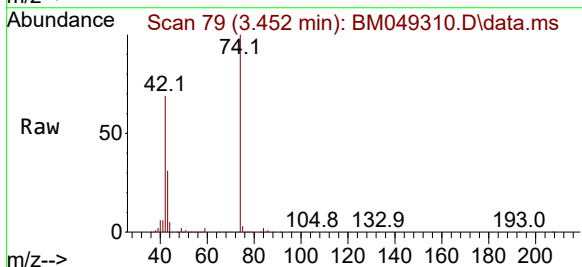
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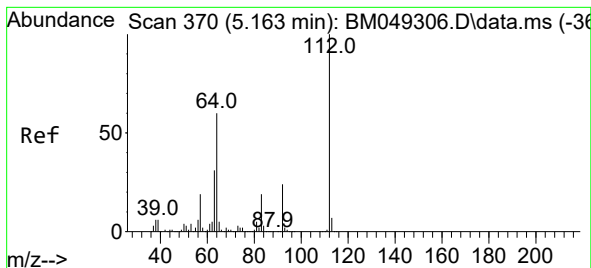
Tgt Ion: 79 Resp: 501667
Ion Ratio Lower Upper
79 100
52 69.8 56.6 85.0
51 35.3 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 38.634 ng
RT: 3.452 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion: 42 Resp: 235856
Ion Ratio Lower Upper
42 100
74 144.7 114.1 171.1
44 7.4 6.2 9.4





#5

2-Fluorophenol

Concen: 79.870 ng

RT: 5.163 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

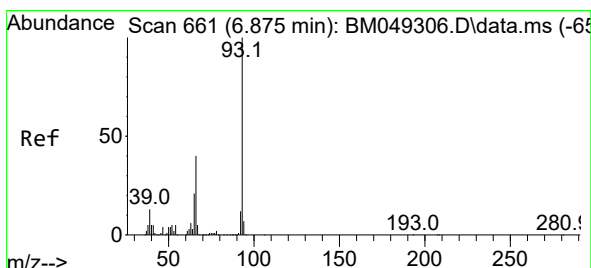
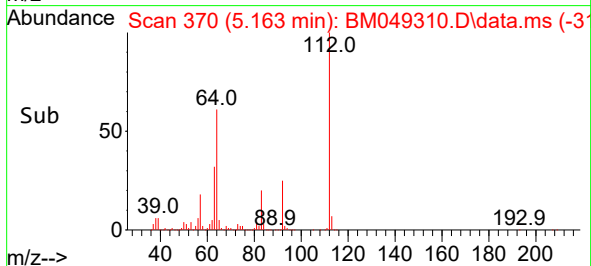
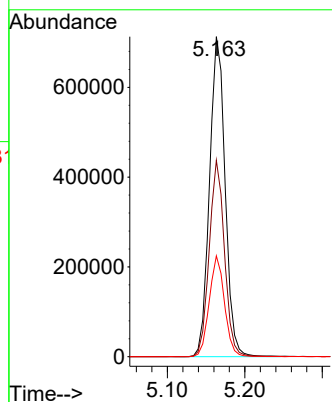
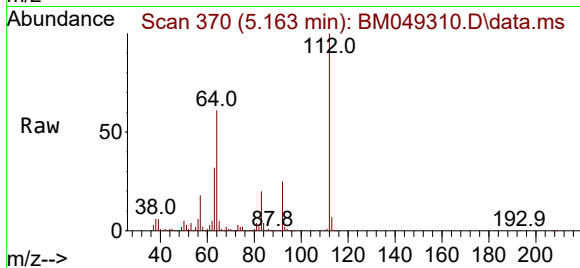
Tgt Ion:112 Resp: 998267

Ion Ratio Lower Upper

112 100

64 61.4 48.2 72.4

63 31.5 24.6 37.0



#6

Aniline

Concen: 39.617 ng

RT: 6.869 min Scan# 660

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

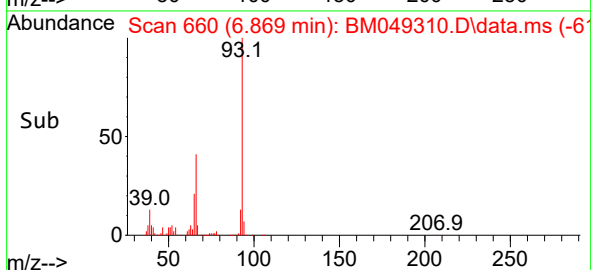
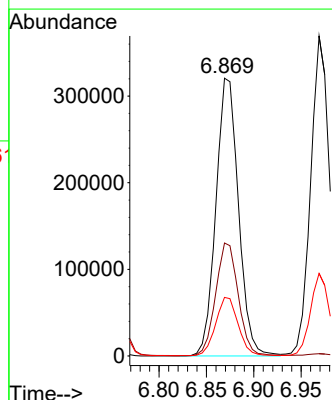
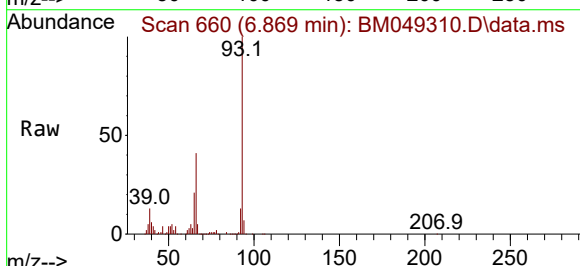
Tgt Ion: 93 Resp: 533089

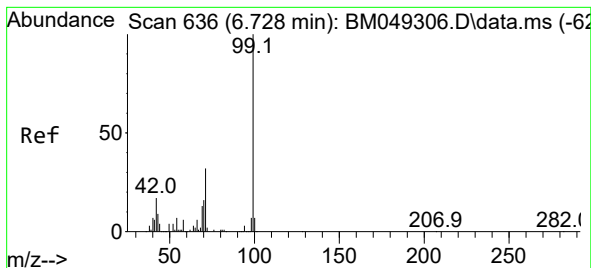
Ion Ratio Lower Upper

93 100

66 40.7 32.2 48.2

65 21.1 16.8 25.2





#7

Phenol-d6

Concen: 80.448 ng

RT: 6.722 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

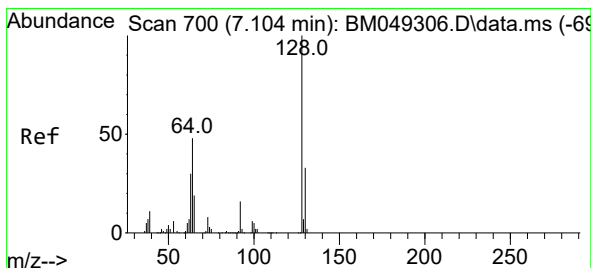
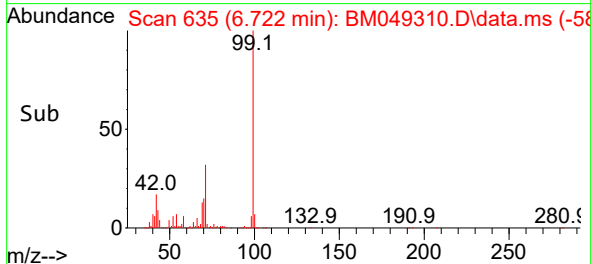
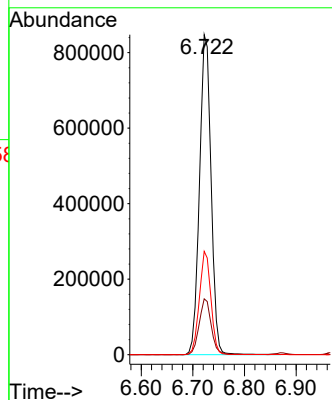
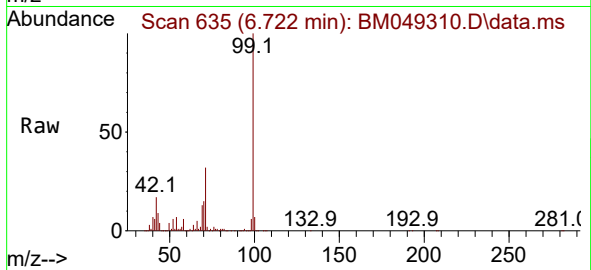
BNA_M

ClientSampleId :

ICVBM123124

Tgt Ion: 99 Resp: 1317179

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.8
71	32.3	25.6	38.4



#8

2-Chlorophenol

Concen: 39.724 ng

RT: 7.104 min Scan# 700

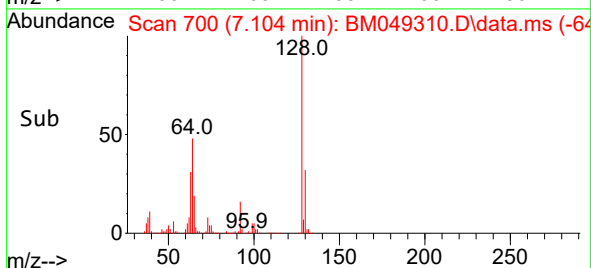
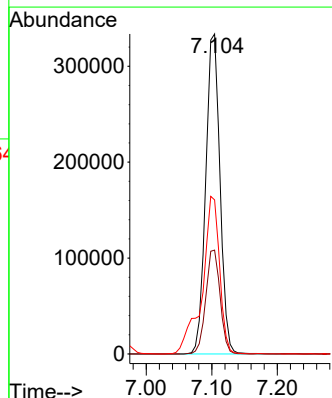
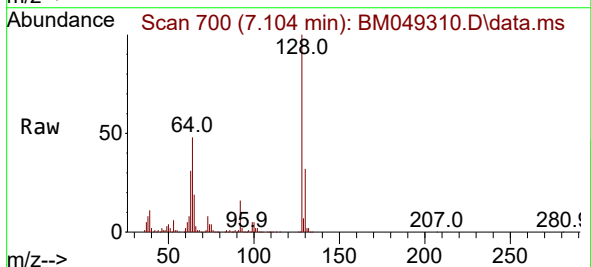
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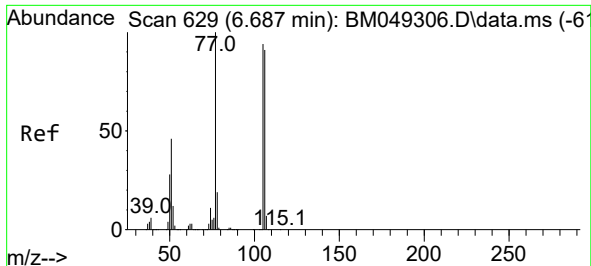
Lab File: BM049310.D

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Tgt Ion: 128 Resp: 506303

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	48.2	29.5	69.5

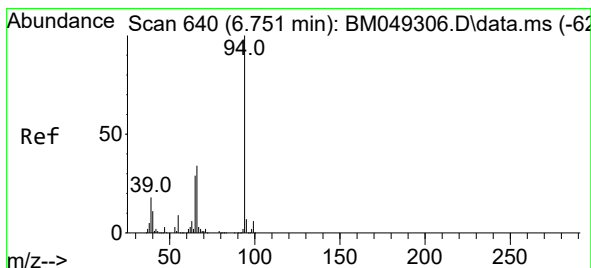
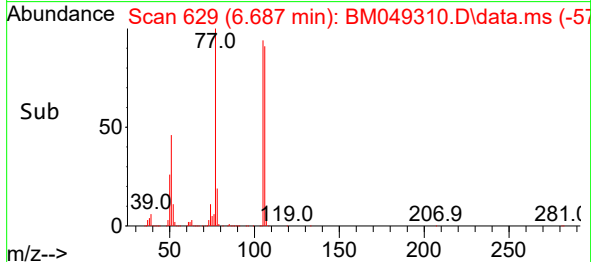
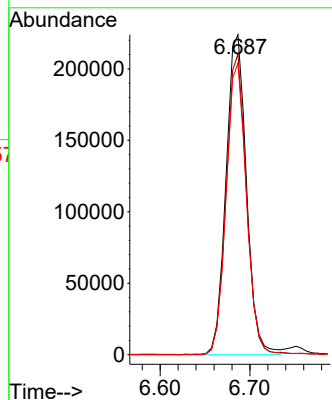
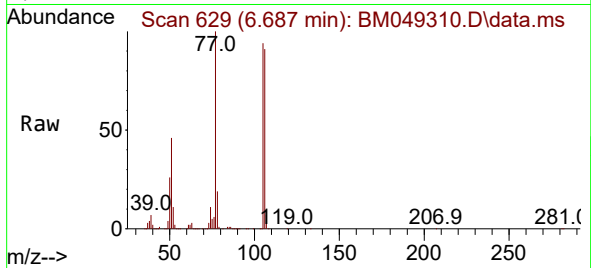




#9
Benzaldehyde
Concen: 38.539 ng
RT: 6.687 min Scan# 61
Delta R.T. -0.000 min
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Acq: 31 Dec 2024 18:27

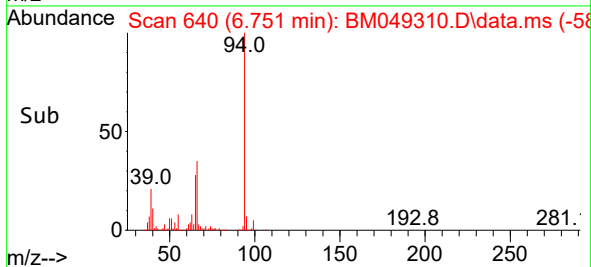
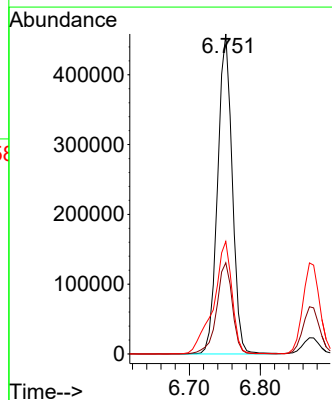
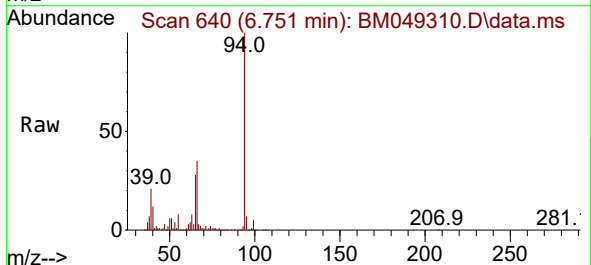
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

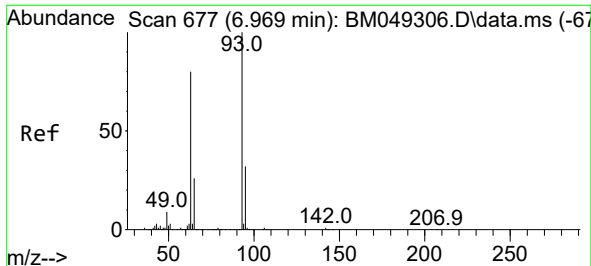
Tgt Ion: 77 Resp: 354748
Ion Ratio Lower Upper
77 100
105 94.0 74.2 114.2
106 91.1 71.5 111.5



#10
Phenol
Concen: 39.513 ng
RT: 6.751 min Scan# 640
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion: 94 Resp: 650426
Ion Ratio Lower Upper
94 100
65 28.5 8.8 48.8
66 35.2 14.3 54.3

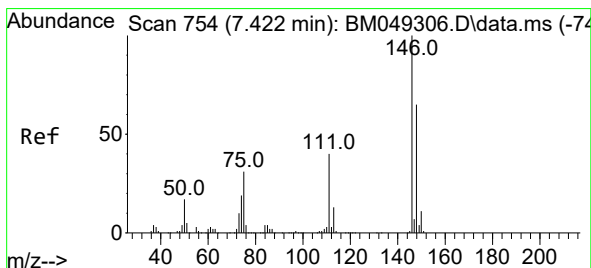
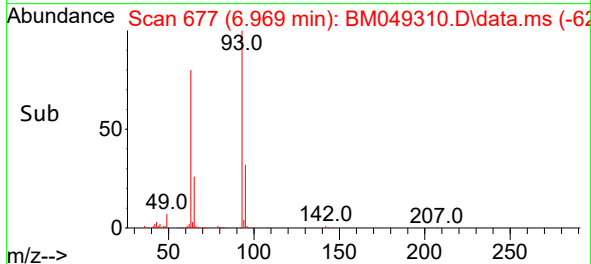
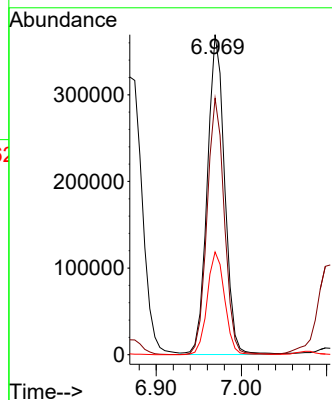
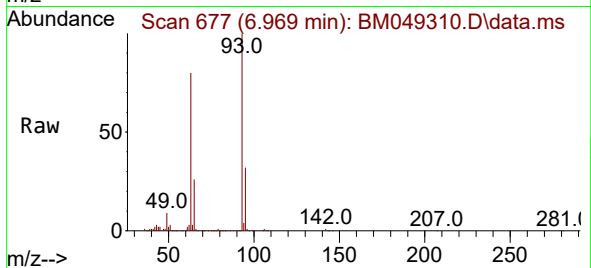




#11
bis(2-Chloroethyl)ether
Concen: 39.723 ng
RT: 6.969 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

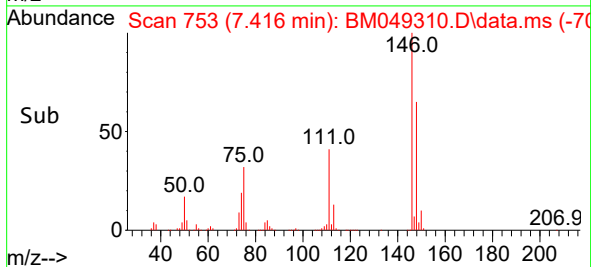
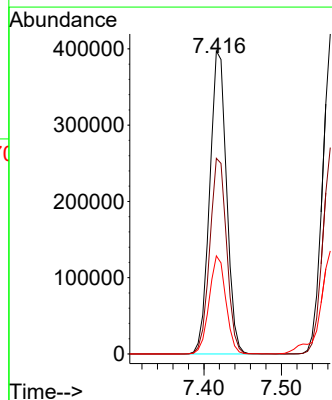
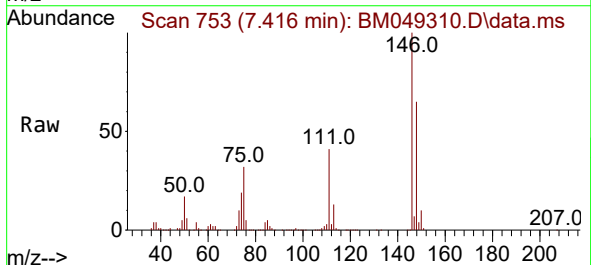
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

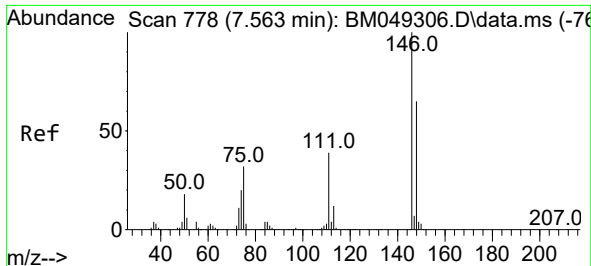
Tgt Ion: 93 Resp: 523017
Ion Ratio Lower Upper
93 100
63 80.1 60.0 100.0
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.578 ng
RT: 7.416 min Scan# 753
Delta R.T. -0.006 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:146 Resp: 599518
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 32.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 39.592 ng

RT: 7.563 min Scan# 778

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

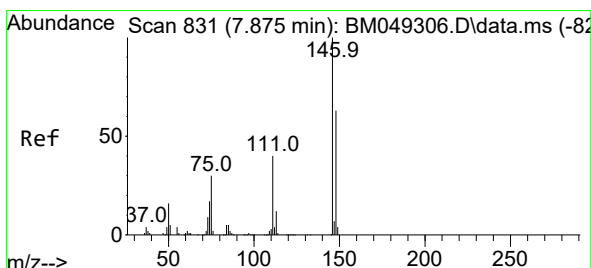
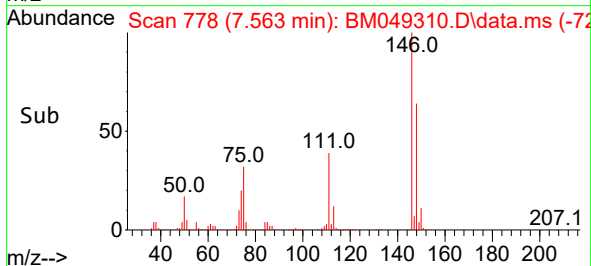
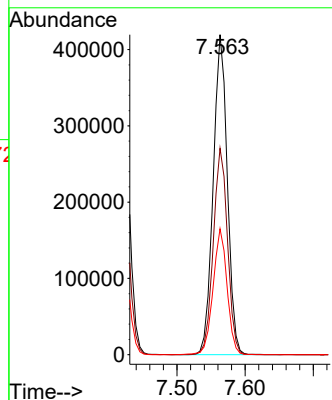
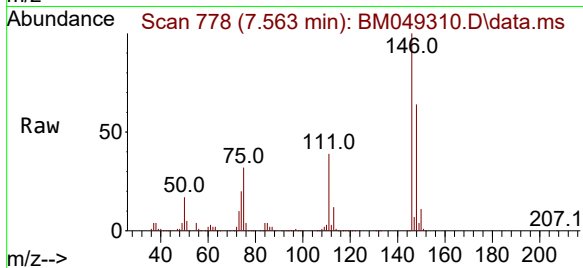
Tgt Ion:146 Resp: 606403

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

111 39.3 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 39.838 ng

RT: 7.875 min Scan# 831

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

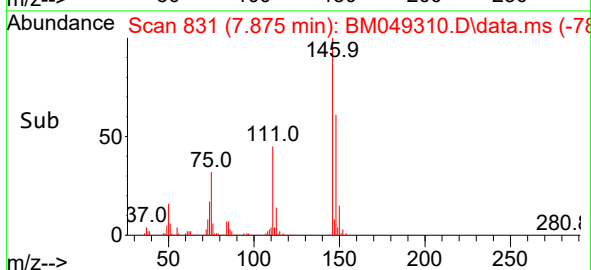
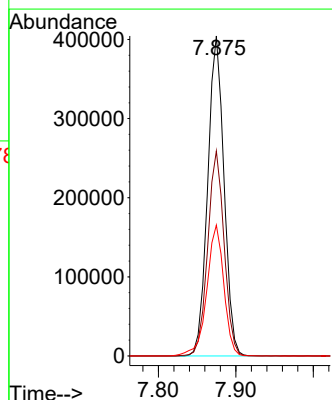
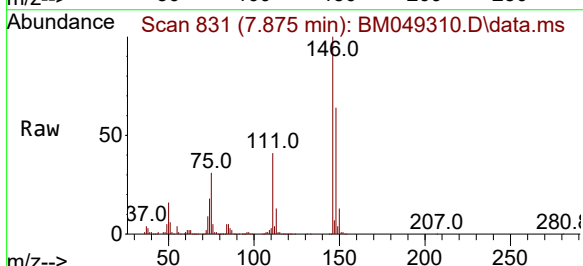
Tgt Ion:146 Resp: 590000

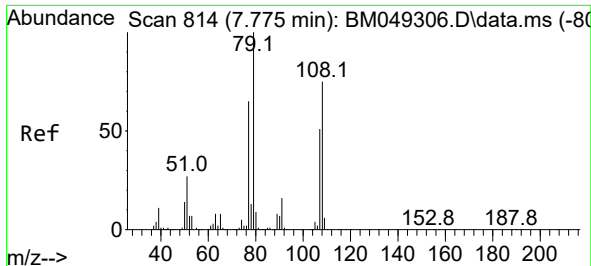
Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 40.9 32.3 48.5

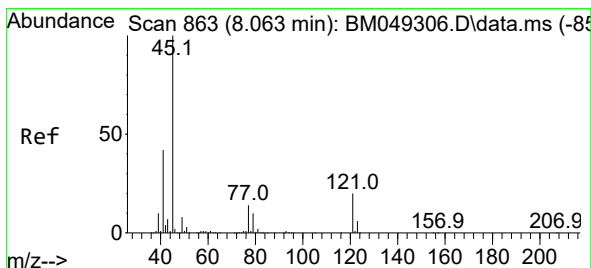
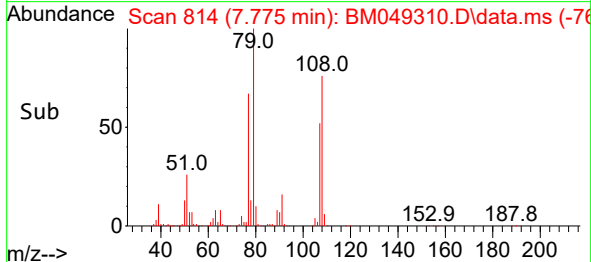
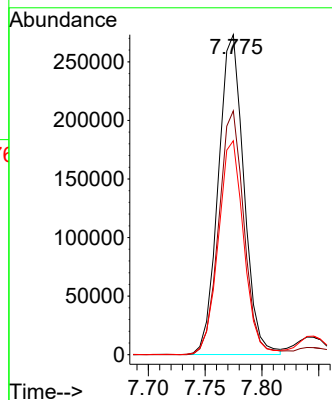
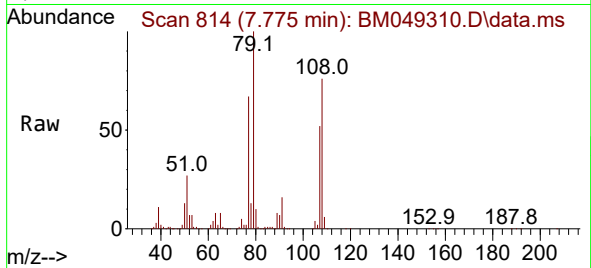




#15
Benzyl Alcohol
Concen: 40.588 ng
RT: 7.775 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

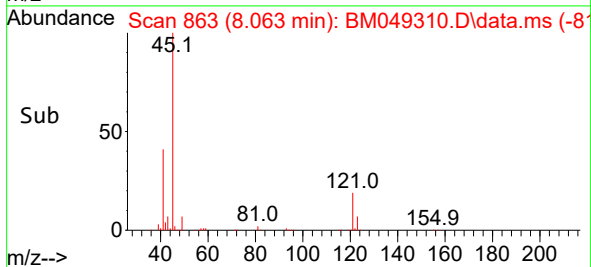
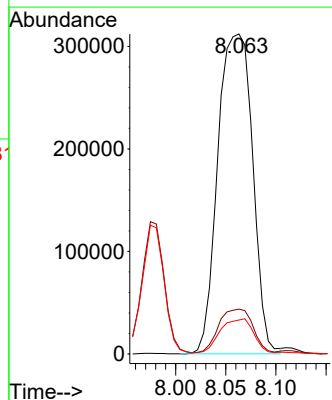
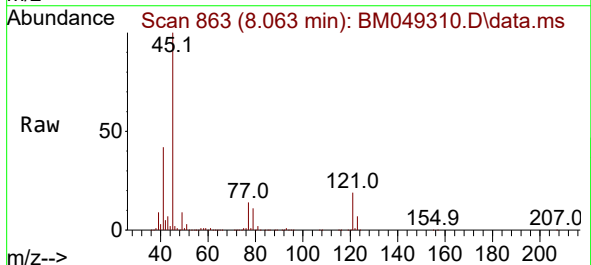
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

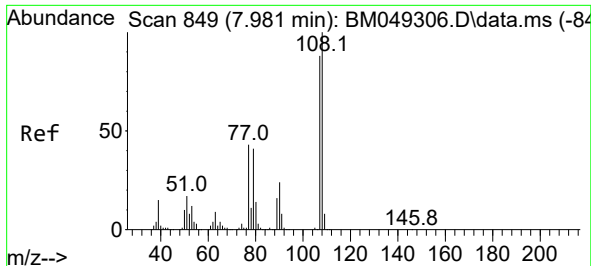
Tgt Ion: 79 Resp: 426815
Ion Ratio Lower Upper
79 100
108 76.2 60.0 90.0
77 66.8 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.686 ng
RT: 8.063 min Scan# 863
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion: 45 Resp: 752190
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.2
79 10.6 0.0 30.8

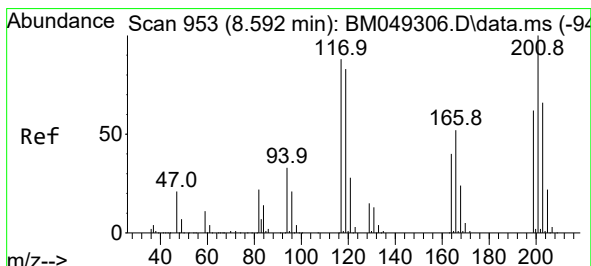
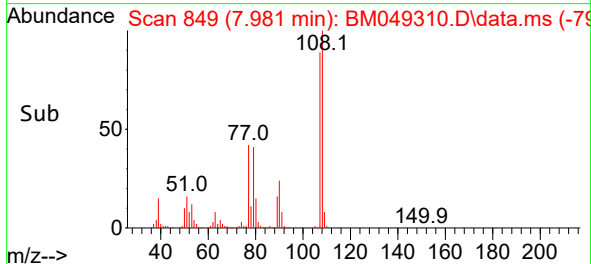
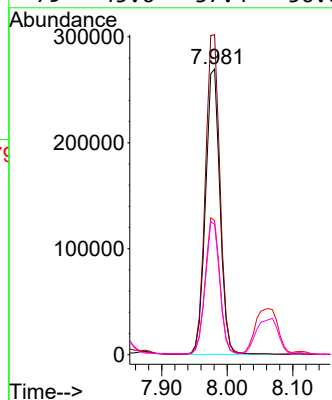
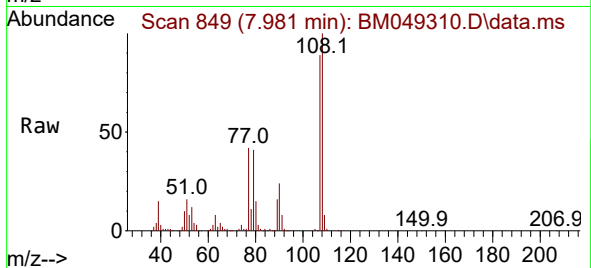




#17
2-Methylphenol
Concen: 40.388 ng
RT: 7.981 min Scan# 849
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

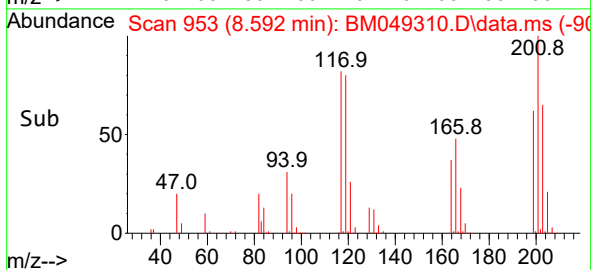
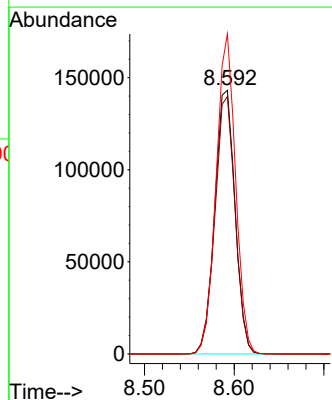
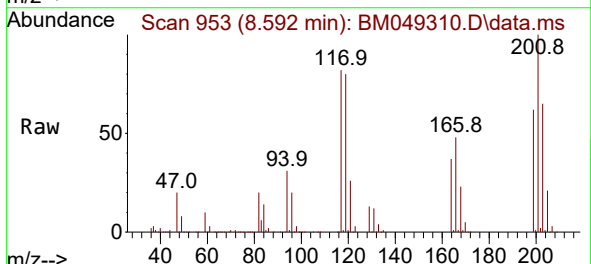
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

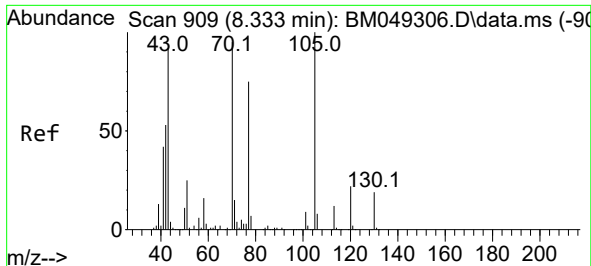
Tgt Ion:	107	Resp:	412997
Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.0	136.4
77	47.0	39.5	59.3
79	45.6	37.4	56.0



#18
Hexachloroethane
Concen: 39.859 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:	117	Resp:	225731
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.2	114.2
201	121.4	91.2	136.8



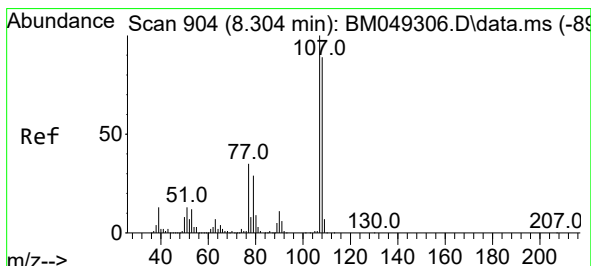
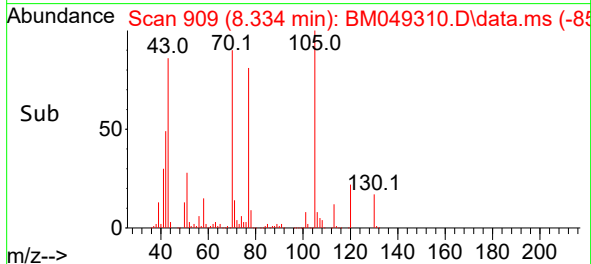
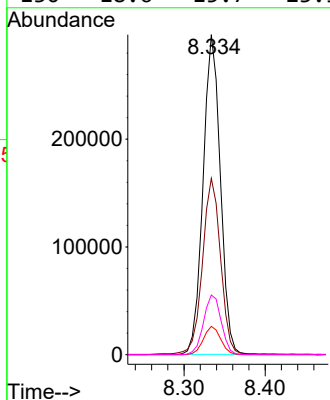
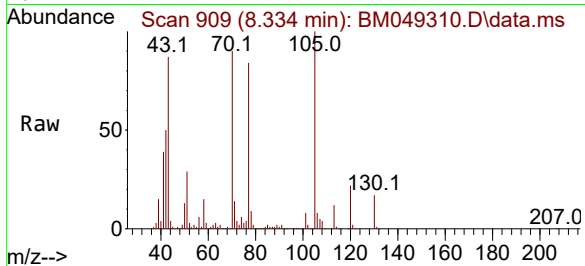


#19
n-Nitroso-di-n-propylamine
Concen: 41.589 ng
RT: 8.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Instrument :
BNA_M
ClientSampleId :
ICVBM123124

Tgt Ion: 70 Resp: 437563

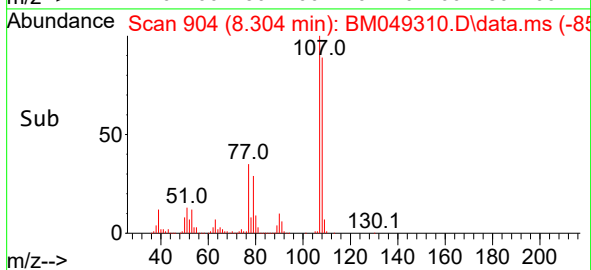
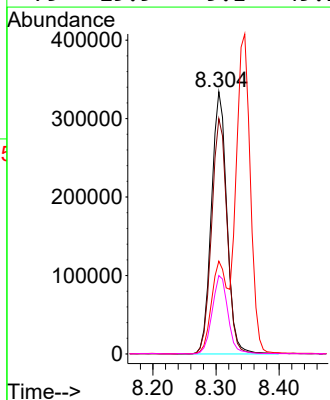
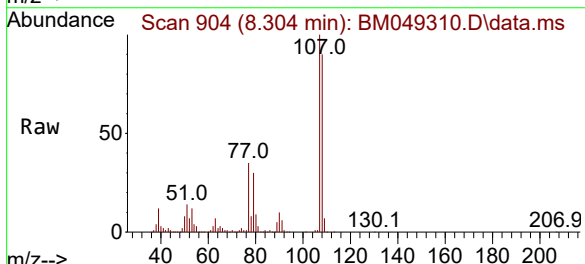
Ion	Ratio	Lower	Upper
70	100		
42	55.1	44.5	66.7
101	8.8	7.2	10.8
130	18.6	15.7	23.5

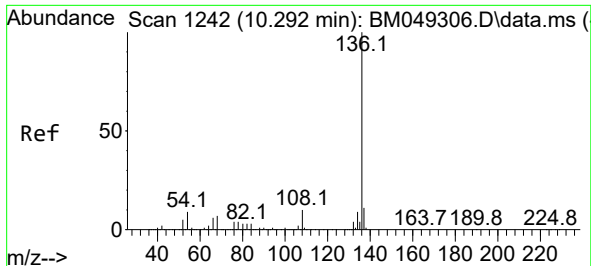


#20
3+4-Methylphenols
Concen: 40.646 ng
RT: 8.304 min Scan# 904
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion: 107 Resp: 569913

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.4	109.4
77	35.4	15.1	55.1
79	29.9	9.1	49.1

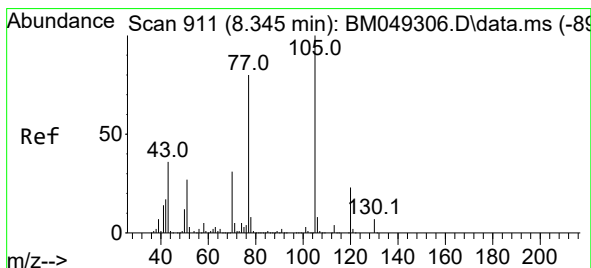
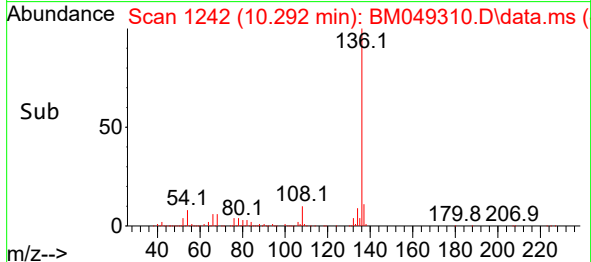
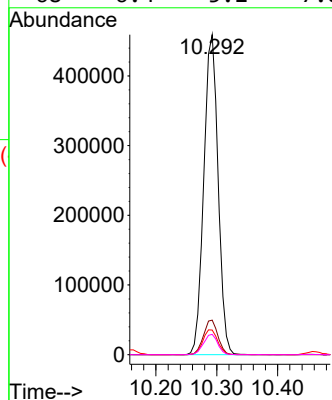
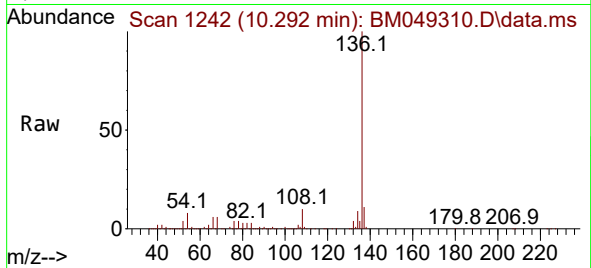




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

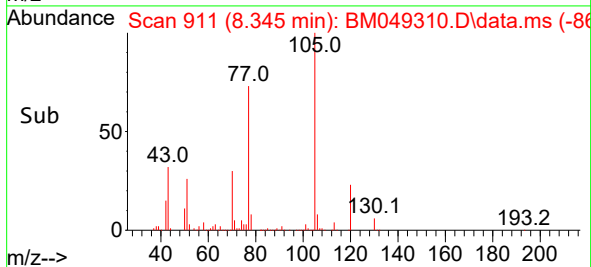
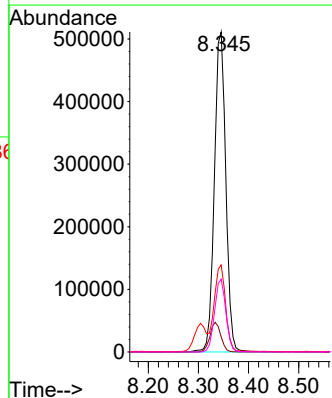
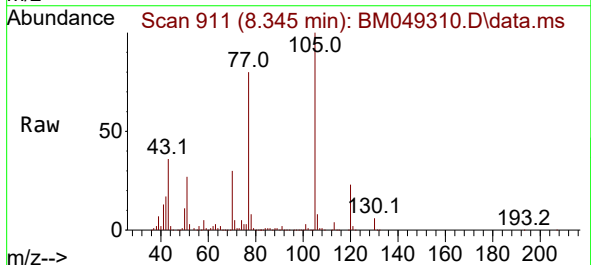
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

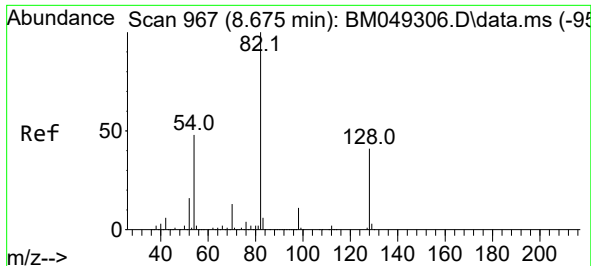
Tgt Ion:136 Resp: 747323
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 6.8 10.2
68 6.4 5.2 7.8



#22
Acetophenone
Concen: 39.478 ng
RT: 8.345 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:105 Resp: 806797
Ion Ratio Lower Upper
105 100
71 4.7 3.8 5.6
51 27.2 21.7 32.5
120 22.8 18.1 27.1

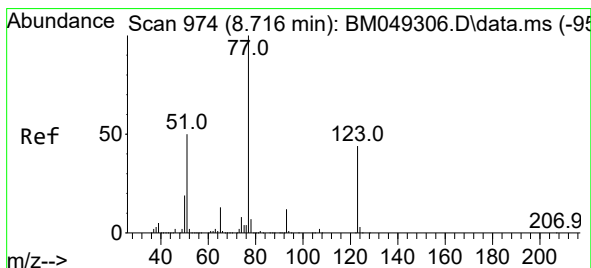
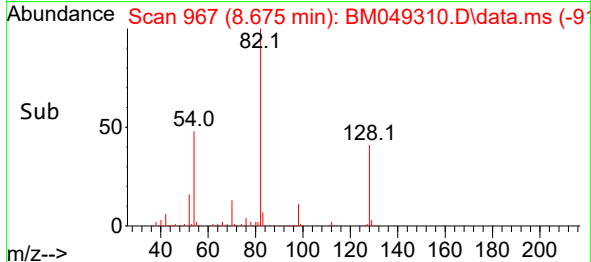
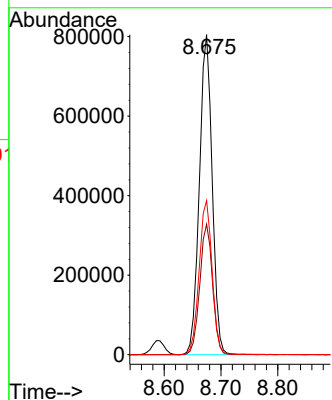
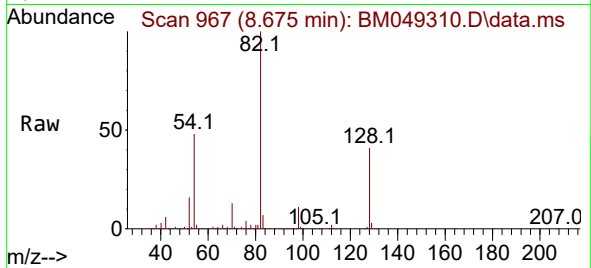




#23
Nitrobenzene-d5
Concen: 79.831 ng
RT: 8.675 min Scan# 967
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

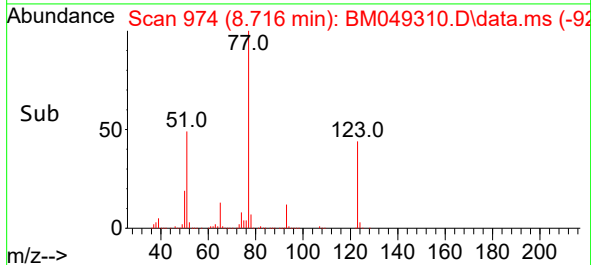
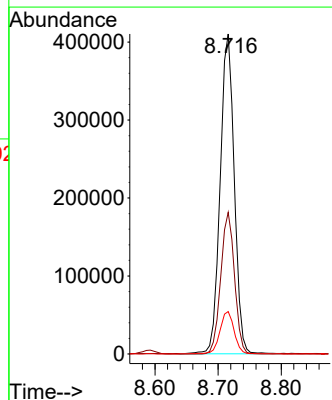
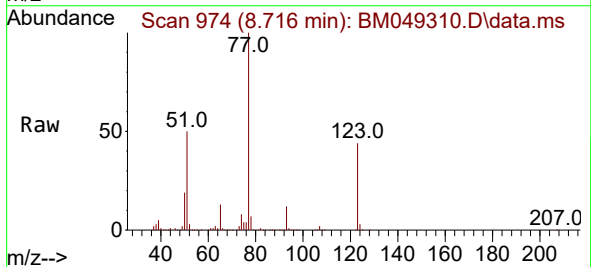
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

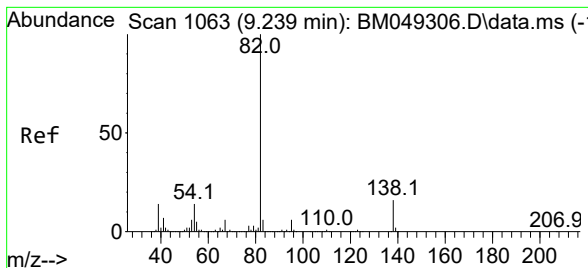
Tgt Ion: 82 Resp: 1260825
Ion Ratio Lower Upper
82 100
128 40.8 32.8 49.2
54 48.2 38.6 58.0



#24
Nitrobenzene
Concen: 39.464 ng
RT: 8.716 min Scan# 974
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion: 77 Resp: 634813
Ion Ratio Lower Upper
77 100
123 44.3 34.8 52.2
65 13.2 10.6 15.8





#25

Isophorone

Concen: 40.454 ng

RT: 9.239 min Scan# 1063

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

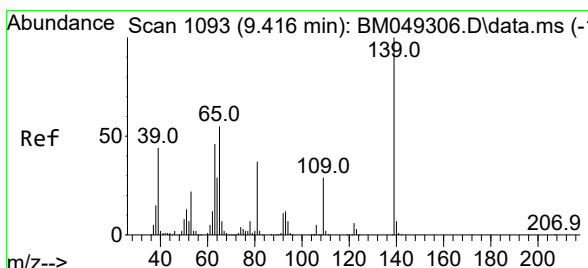
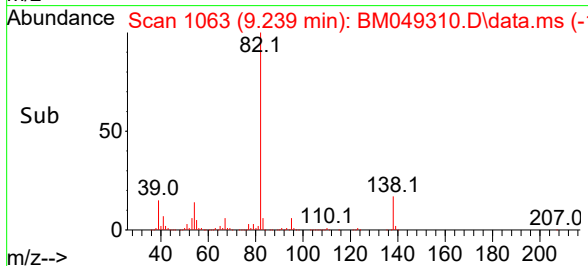
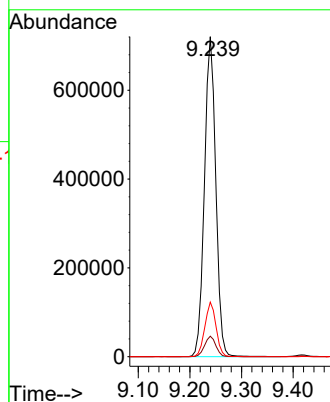
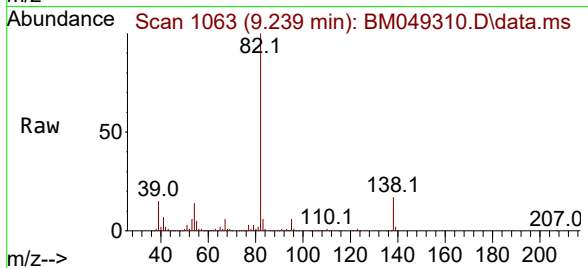
Tgt Ion: 82 Resp: 1097081

Ion Ratio Lower Upper

82 100

95 6.4 5.0 7.6

138 17.0 13.1 19.7



#26

2-Nitrophenol

Concen: 41.841 ng

RT: 9.416 min Scan# 1093

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

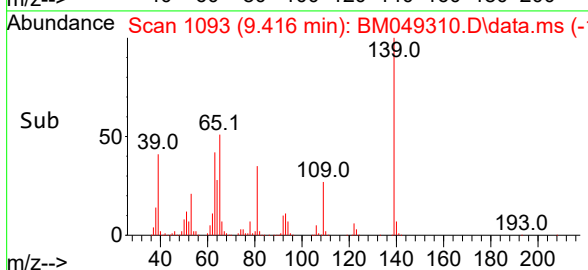
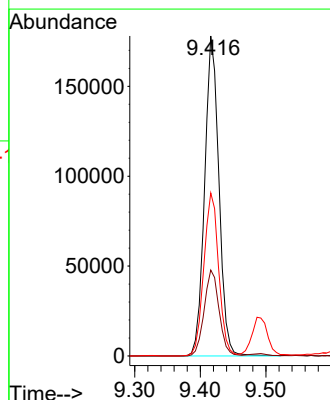
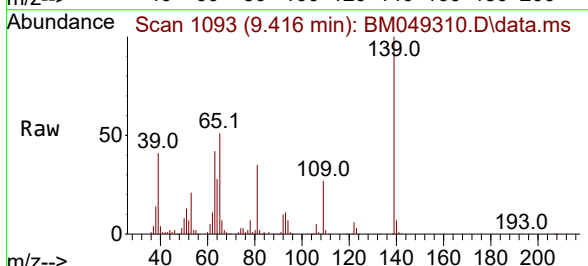
Tgt Ion: 139 Resp: 270720

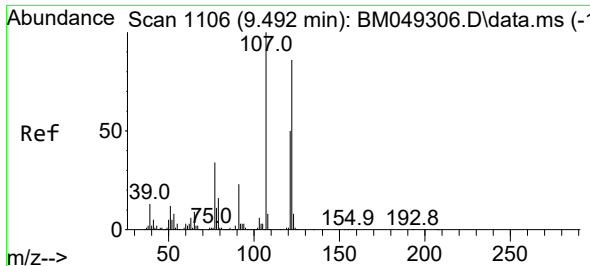
Ion Ratio Lower Upper

139 100

109 26.8 23.2 34.8

65 51.0 43.9 65.9

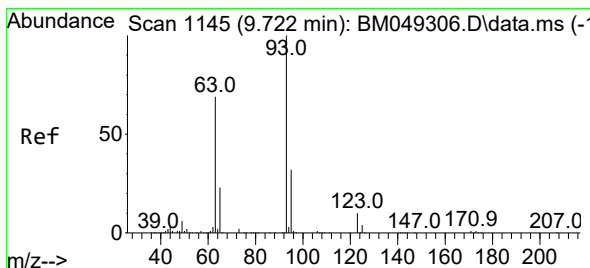
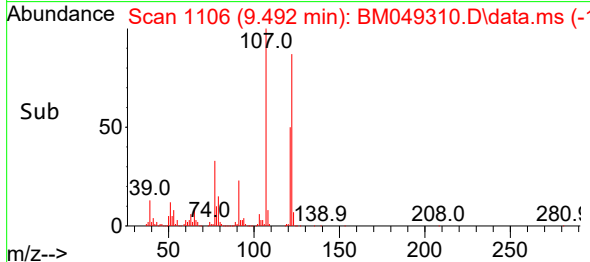
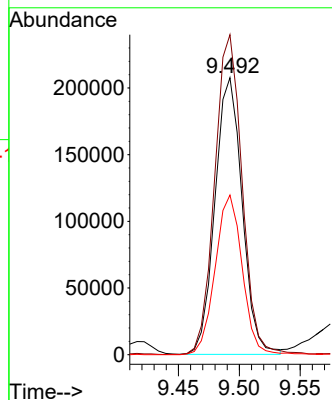
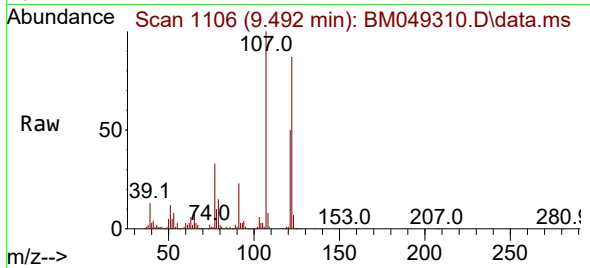




#27
2,4-Dimethylphenol
Concen: 40.552 ng
RT: 9.492 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

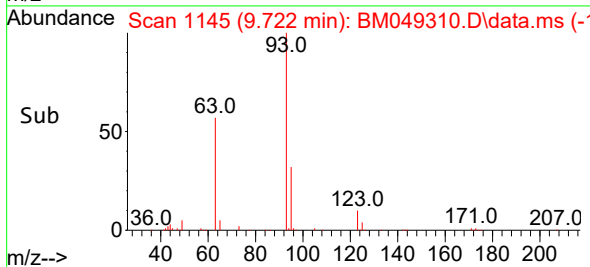
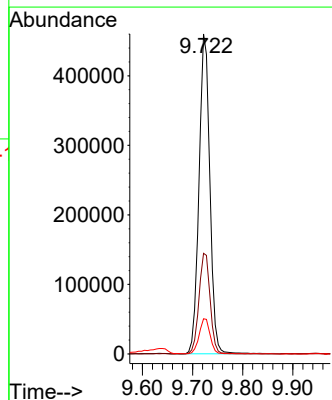
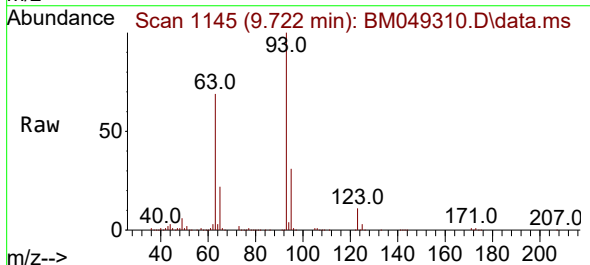
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

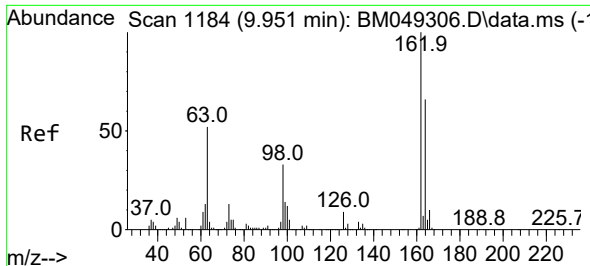
Tgt Ion:122 Resp: 322596
Ion Ratio Lower Upper
122 100
107 115.6 92.7 139.1
121 57.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.553 ng
RT: 9.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion: 93 Resp: 688881
Ion Ratio Lower Upper
93 100
95 31.5 25.6 38.4
123 11.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 40.927 ng

RT: 9.951 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

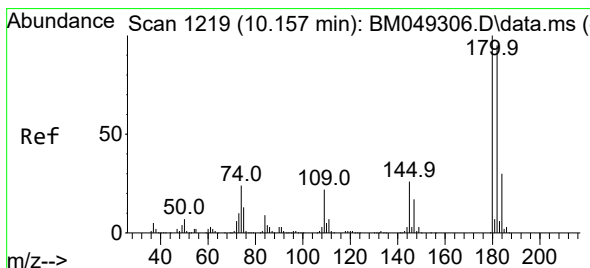
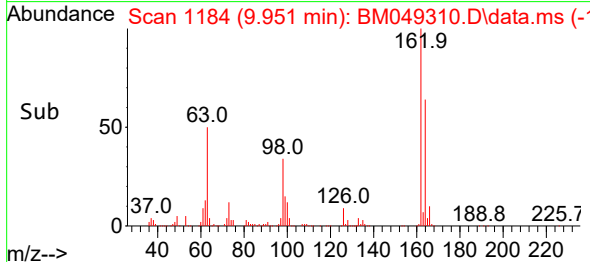
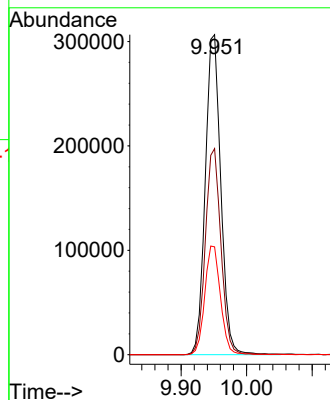
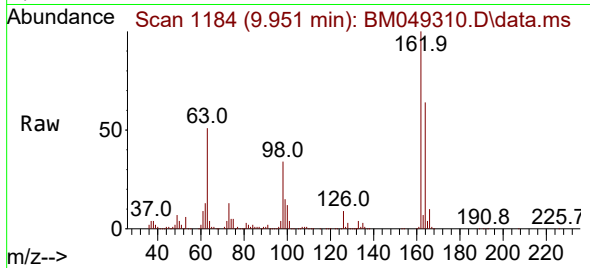
Tgt Ion:162 Resp: 506149

Ion Ratio Lower Upper

162 100

164 64.4 45.6 85.6

98 33.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 39.268 ng

RT: 10.157 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

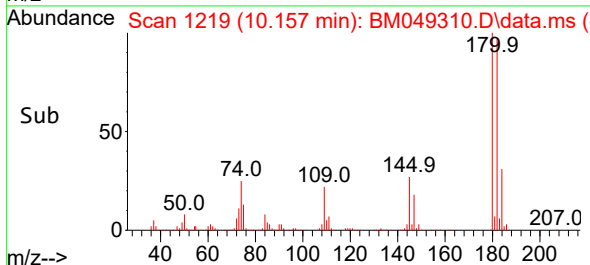
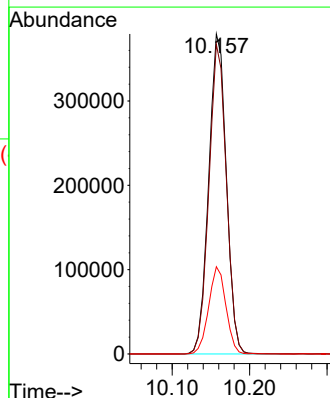
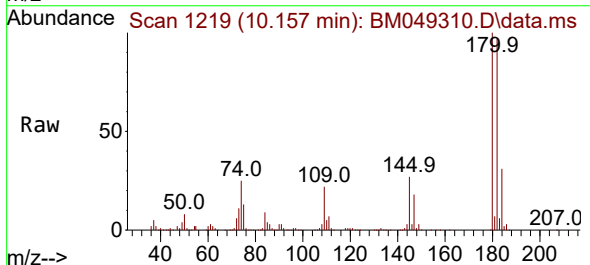
Tgt Ion:180 Resp: 599467

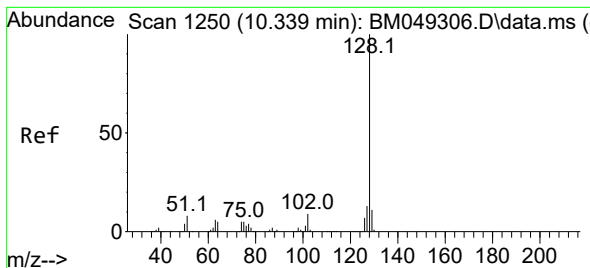
Ion Ratio Lower Upper

180 100

182 96.7 76.1 114.1

145 27.3 21.2 31.8

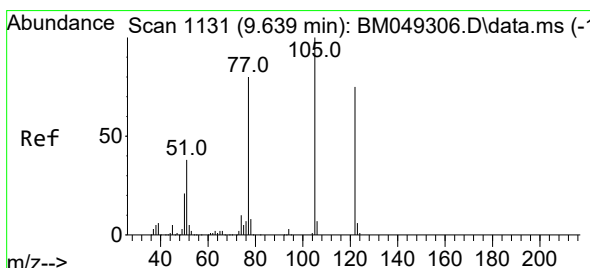
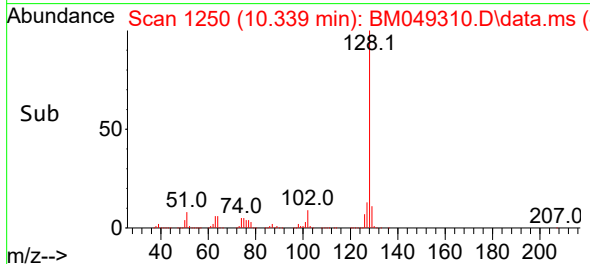
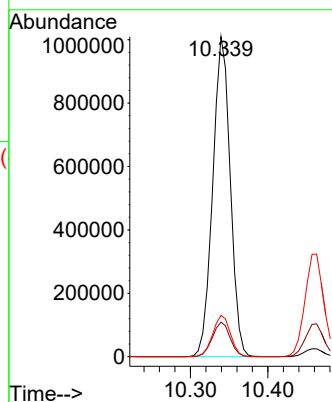
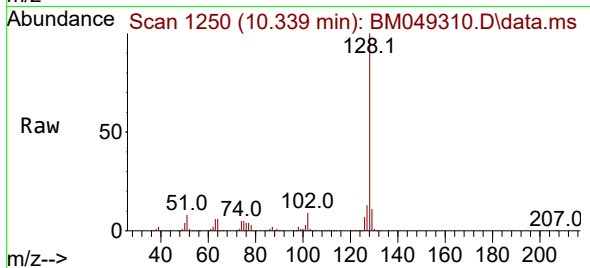




#31
Naphthalene
Concen: 38.947 ng
RT: 10.339 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

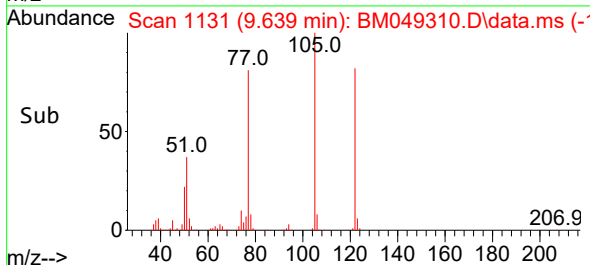
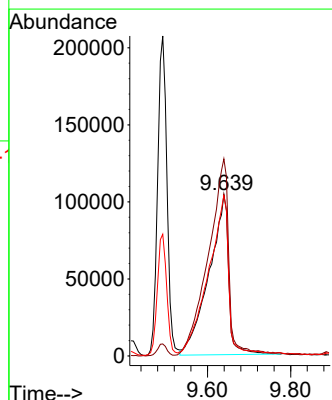
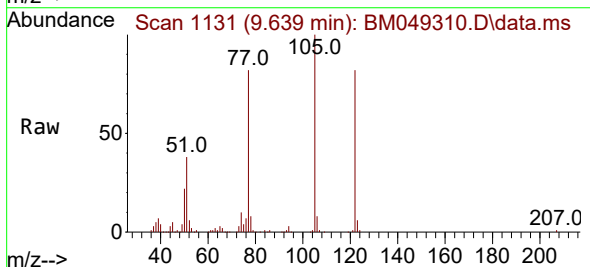
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

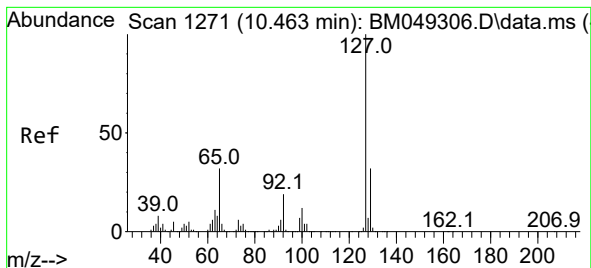
Tgt Ion:128 Resp: 1582221
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 40.731 ng
RT: 9.639 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:122 Resp: 340730
Ion Ratio Lower Upper
122 100
105 122.1 109.9 149.9
77 99.6 84.3 124.3

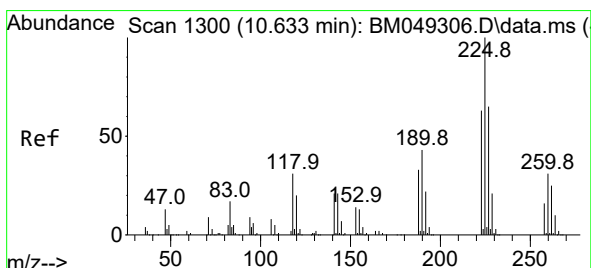
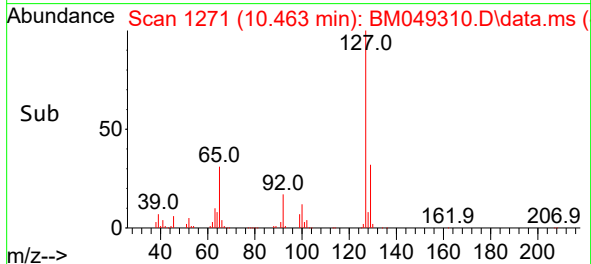
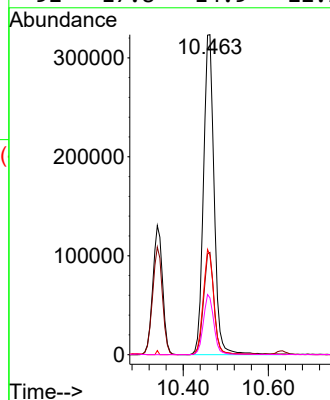
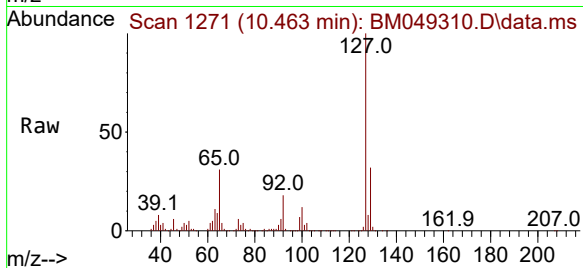




#33
4-Chloroaniline
Concen: 40.524 ng
RT: 10.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

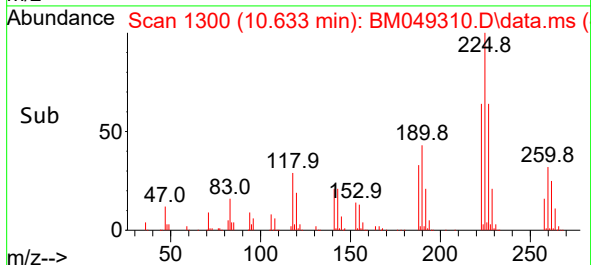
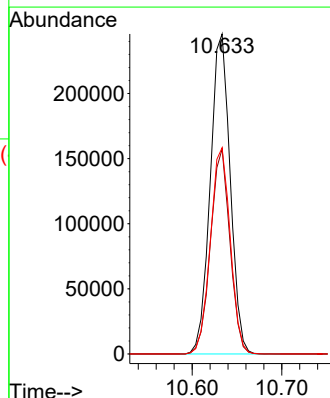
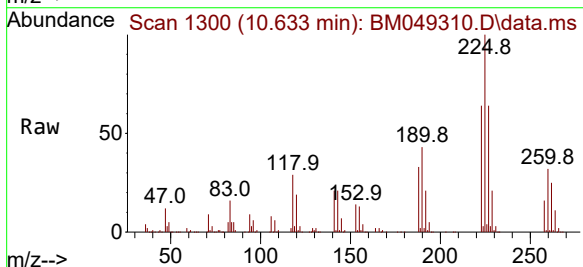
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

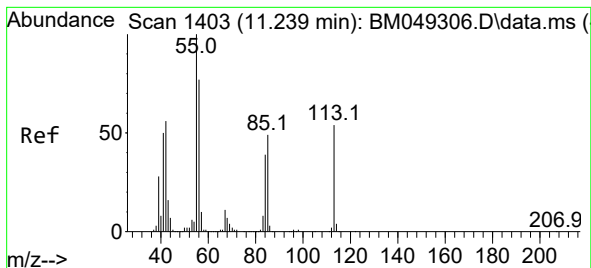
Tgt Ion:127	Resp: 562859
Ion Ratio	Lower Upper
127 100	
129 31.9	25.8 38.6
65 31.0	25.8 38.6
92 17.8	14.9 22.3



#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 10.633 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:225	Resp: 378404
Ion Ratio	Lower Upper
225 100	
223 64.0	50.2 75.2
227 64.5	52.1 78.1

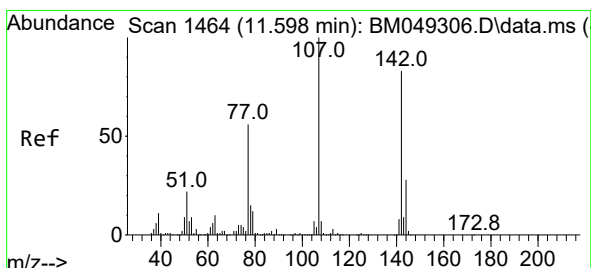
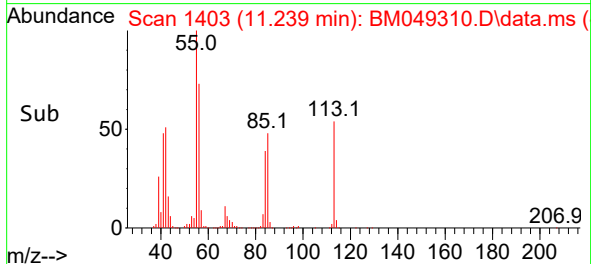
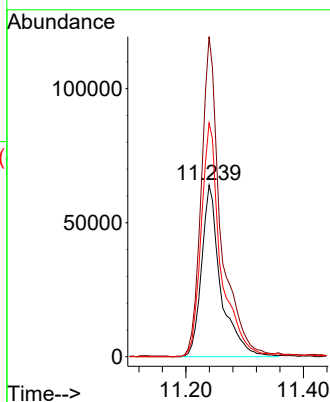
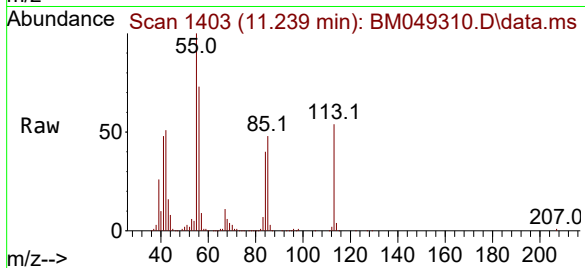




#35
Caprolactam
Concen: 41.438 ng
RT: 11.239 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

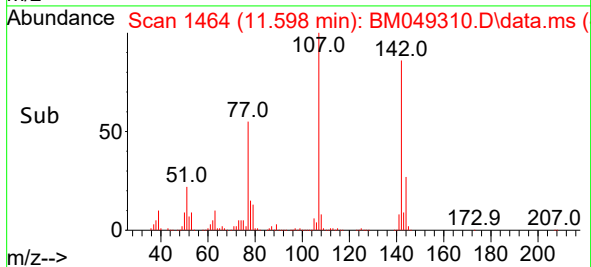
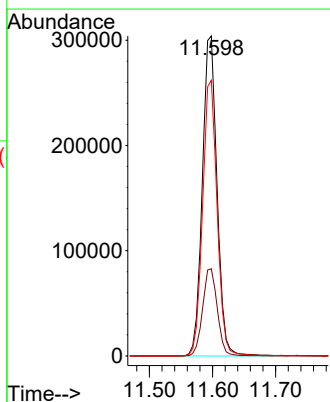
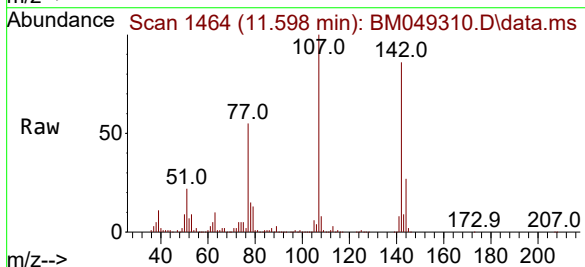
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

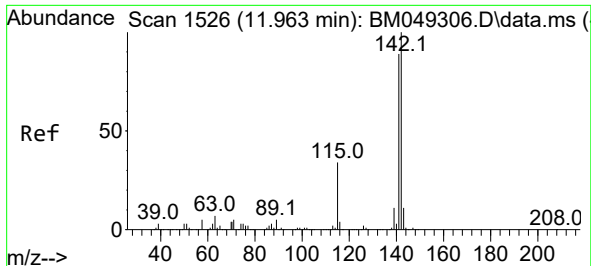
Tgt Ion:113 Resp: 145087
Ion Ratio Lower Upper
113 100
55 186.6 167.3 207.3
56 136.3 124.6 164.6



#36
4-Chloro-3-methylphenol
Concen: 40.603 ng
RT: 11.598 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:107 Resp: 490102
Ion Ratio Lower Upper
107 100
144 27.2 22.3 33.5
142 86.2 66.6 99.8

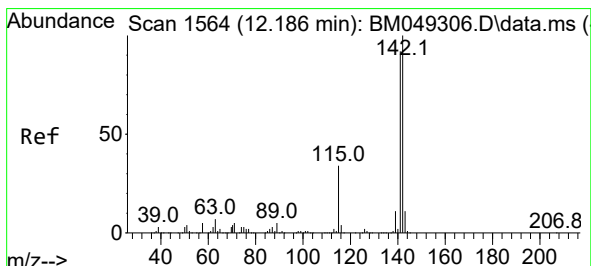
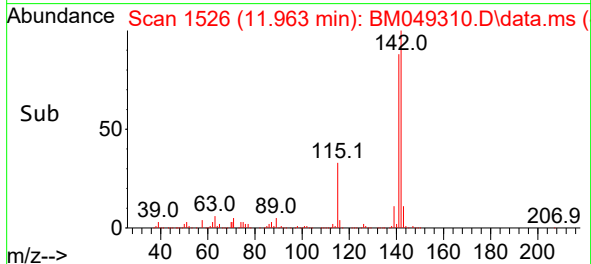
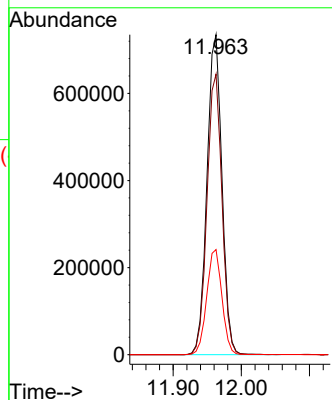
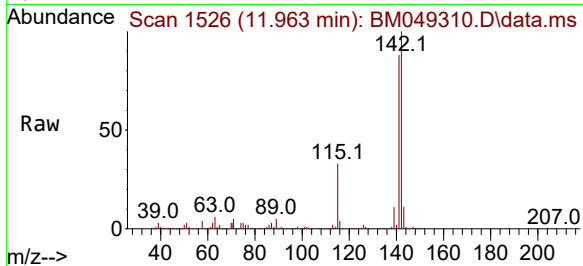




#37
2-Methylnaphthalene
Concen: 40.186 ng
RT: 11.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

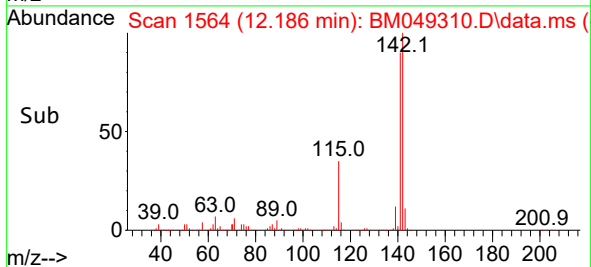
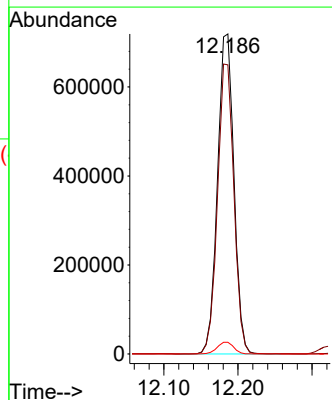
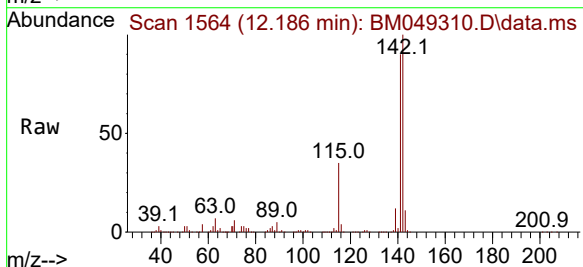
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

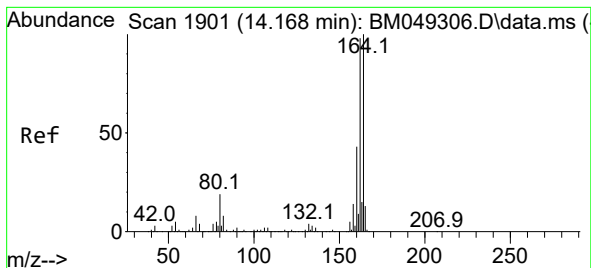
Tgt Ion:142 Resp: 1121785
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6
115 32.8 27.1 40.7



#38
1-Methylnaphthalene
Concen: 39.977 ng
RT: 12.186 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:142 Resp: 1106261
Ion Ratio Lower Upper
142 100
141 90.3 73.3 109.9
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.169 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

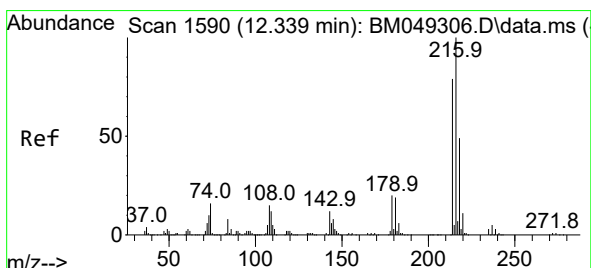
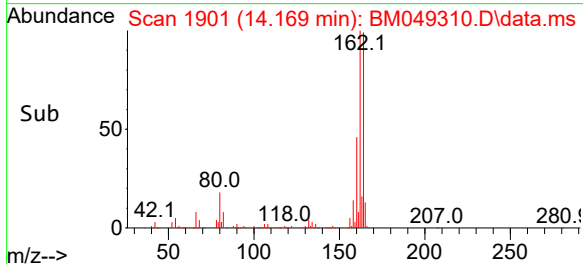
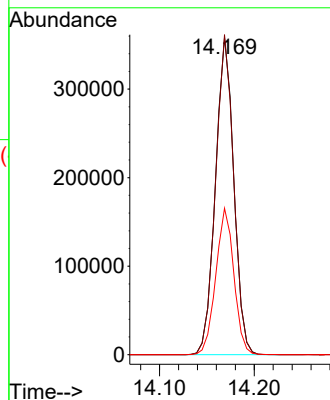
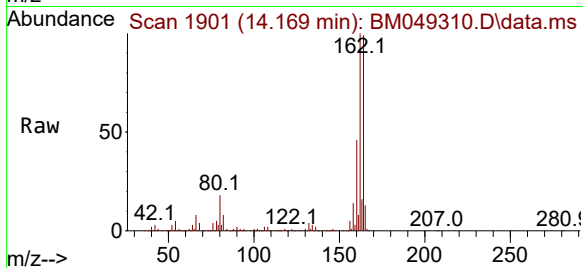
Tgt Ion:164 Resp: 482842

Ion Ratio Lower Upper

164 100

162 100.9 78.4 117.6

160 46.2 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.753 ng

RT: 12.339 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Tgt Ion:216 Resp: 650965

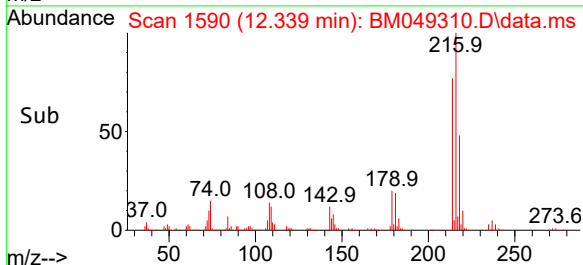
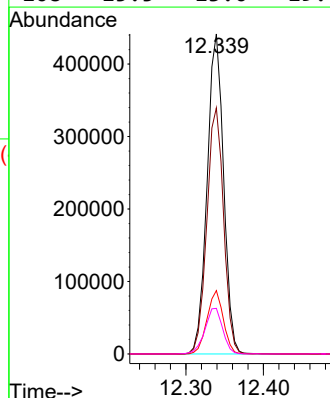
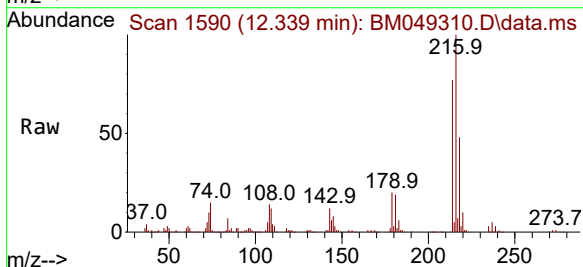
Ion Ratio Lower Upper

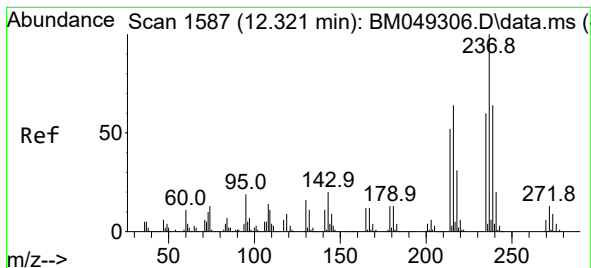
216 100

214 78.1 62.7 94.1

179 19.6 15.8 23.8

108 15.5 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 39.833 ng

RT: 12.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

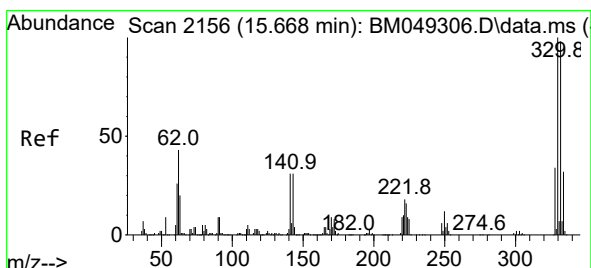
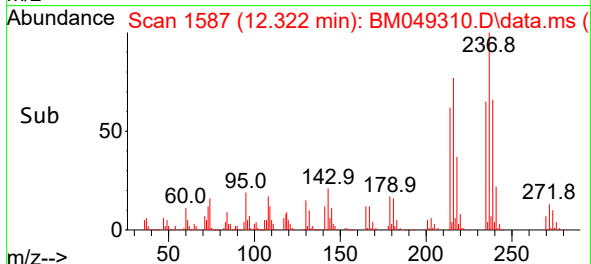
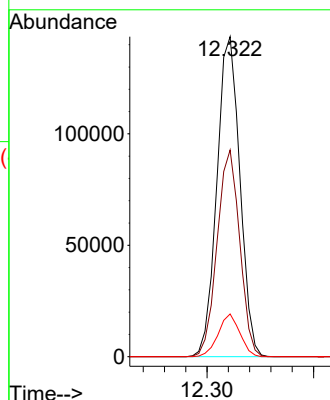
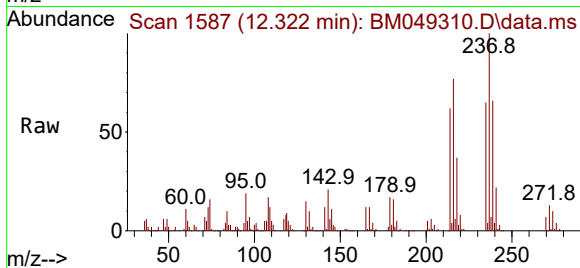
Tgt Ion:237 Resp: 214758

Ion Ratio Lower Upper

237 100

235 64.6 39.8 79.8

272 13.3 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 81.560 ng

RT: 15.668 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

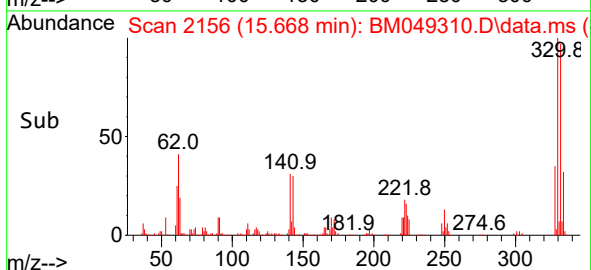
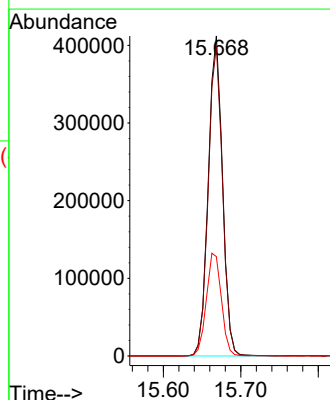
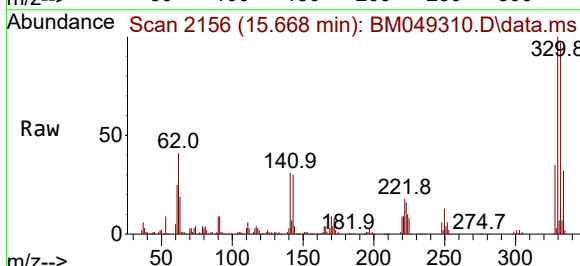
Tgt Ion:330 Resp: 525877

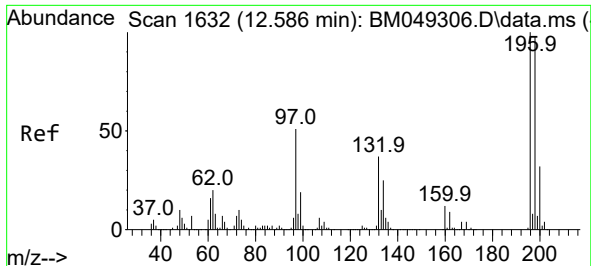
Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

141 34.0 27.2 40.8

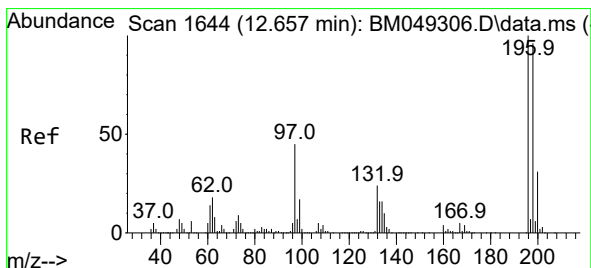
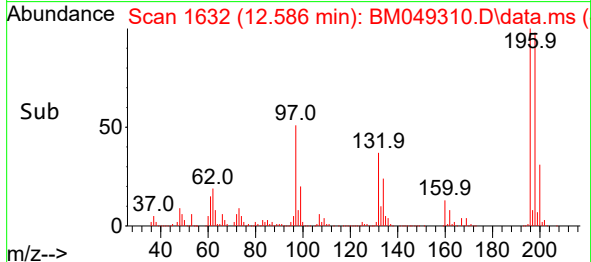
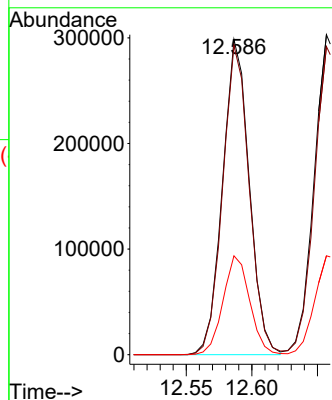
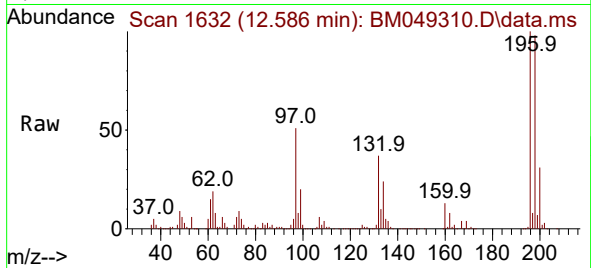




#43
2,4,6-Trichlorophenol
Concen: 40.525 ng
RT: 12.586 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

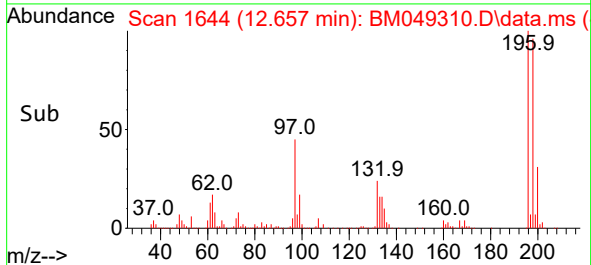
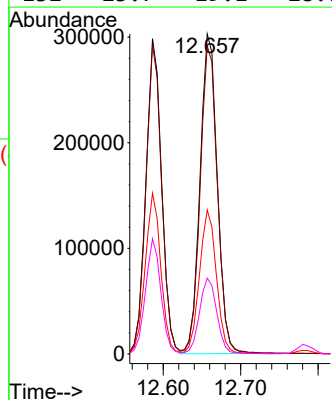
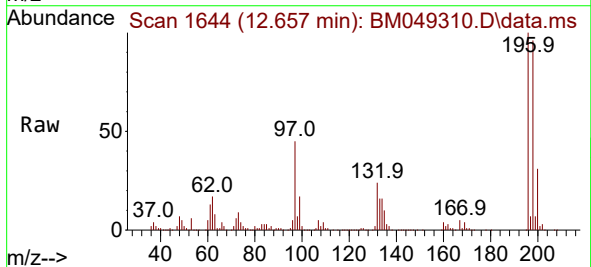
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

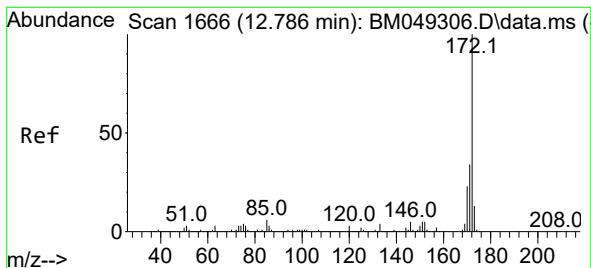
Tgt Ion:196 Resp: 422857
Ion Ratio Lower Upper
196 100
198 98.0 78.6 117.8
200 31.4 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 40.416 ng
RT: 12.657 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:196 Resp: 468969
Ion Ratio Lower Upper
196 100
198 96.3 76.6 114.8
97 45.0 36.0 54.0
132 23.7 19.1 28.7





#45

2-Fluorobiphenyl

Concen: 79.975 ng

RT: 12.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

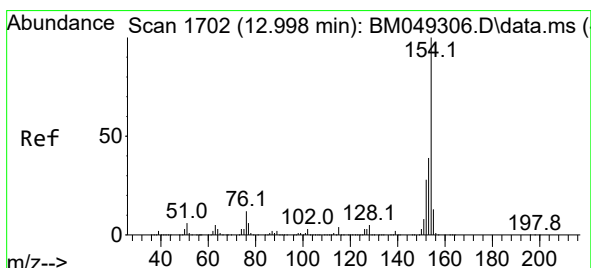
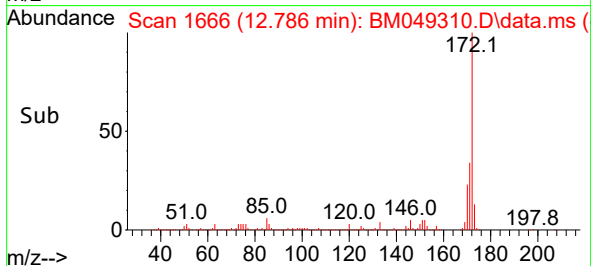
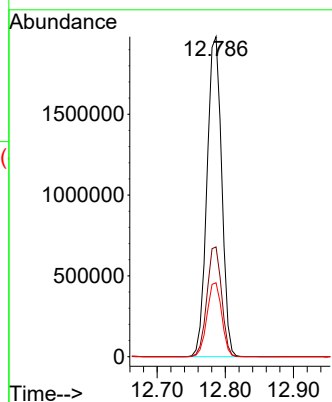
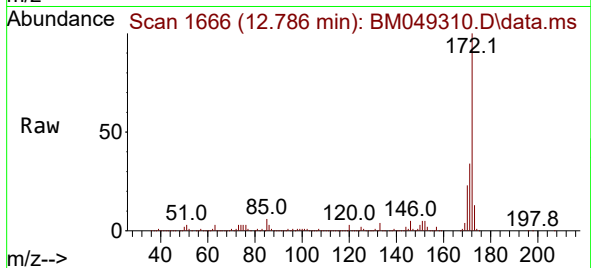
Tgt Ion:172 Resp: 2963379

Ion Ratio Lower Upper

172 100

171 34.3 27.6 41.4

170 23.1 18.4 27.6



#46

1,1'-Biphenyl

Concen: 39.869 ng

RT: 12.998 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

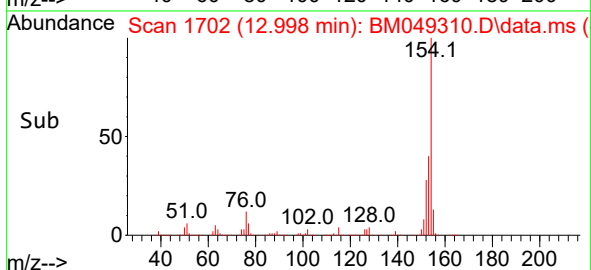
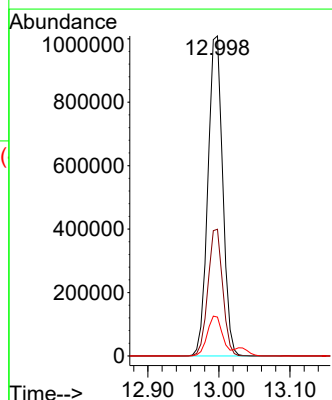
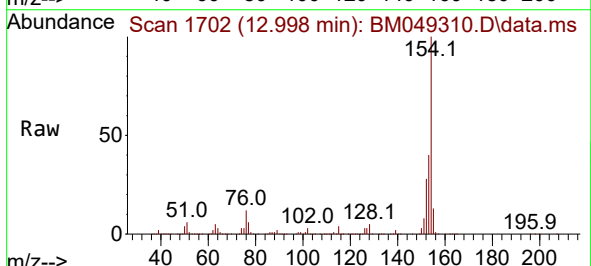
Tgt Ion:154 Resp: 1460125

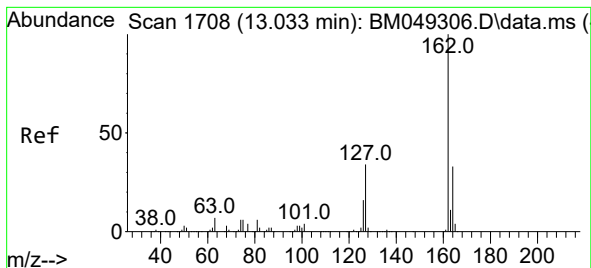
Ion Ratio Lower Upper

154 100

153 39.6 19.2 59.2

76 12.1 0.0 32.0





#47

2-Chloronaphthalene

Concen: 39.654 ng

RT: 13.033 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

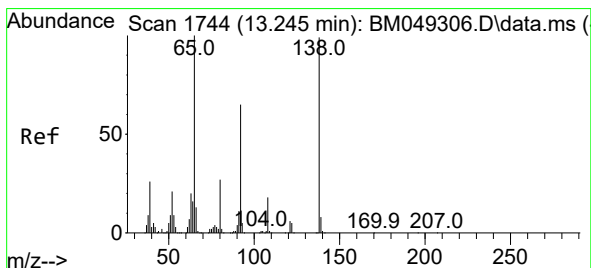
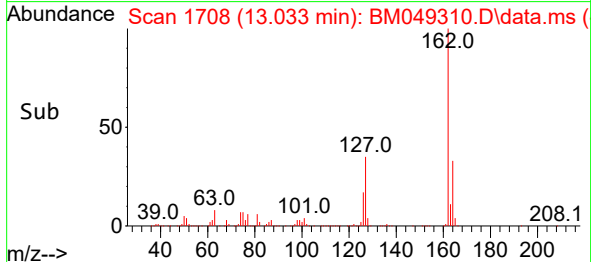
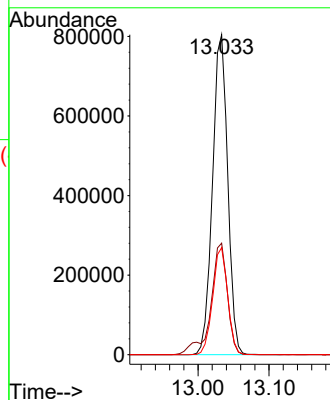
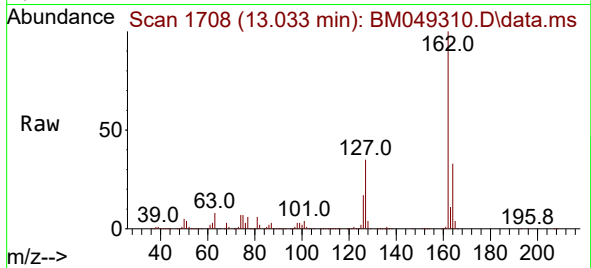
Tgt Ion:162 Resp: 1193536

Ion Ratio Lower Upper

162 100

127 34.8 27.8 41.8

164 33.5 26.2 39.4



#48

2-Nitroaniline

Concen: 41.984 ng

RT: 13.245 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

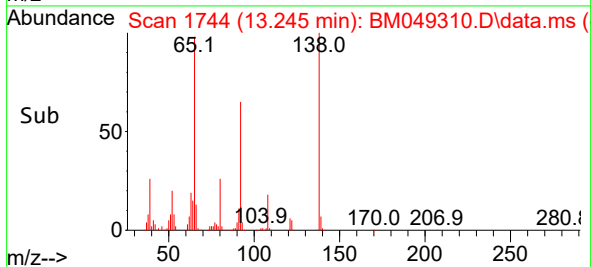
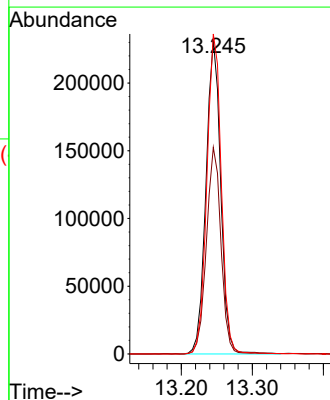
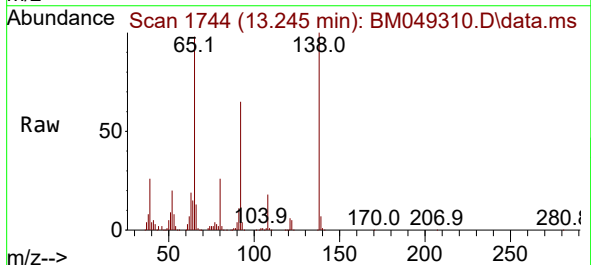
Tgt Ion: 65 Resp: 334203

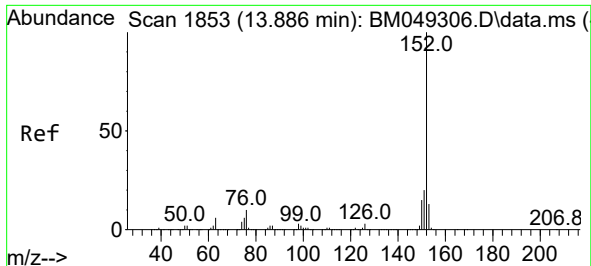
Ion Ratio Lower Upper

65 100

92 65.8 52.1 78.1

138 102.0 79.2 118.8

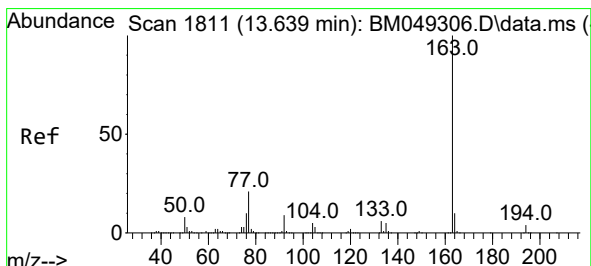
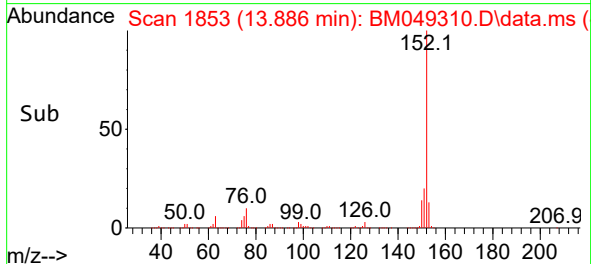
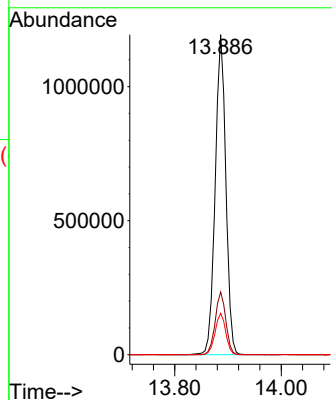
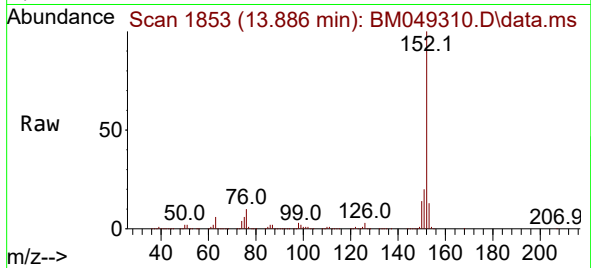




#49
Acenaphthylene
Concen: 39.992 ng
RT: 13.886 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

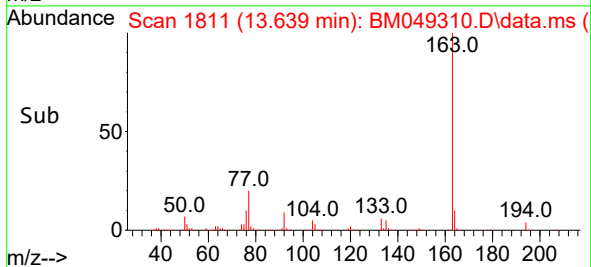
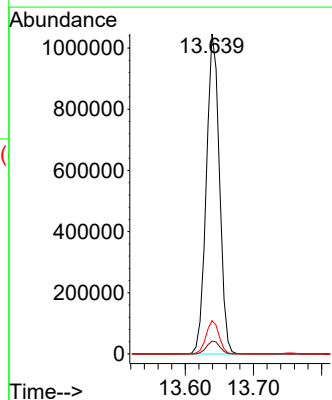
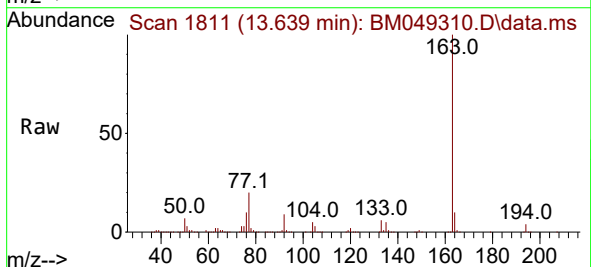
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

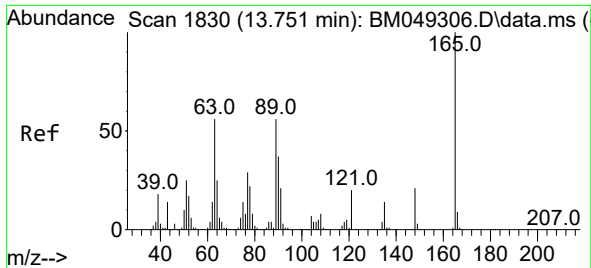
Tgt Ion:152 Resp: 1652575
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 39.553 ng
RT: 13.639 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:163 Resp: 1400747
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.4 12.6

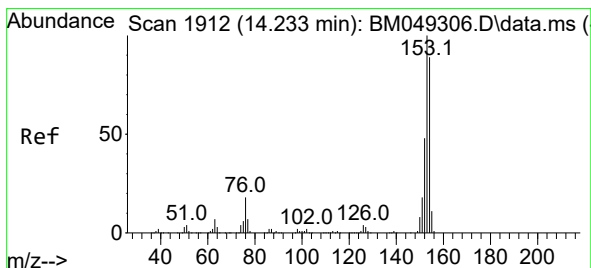
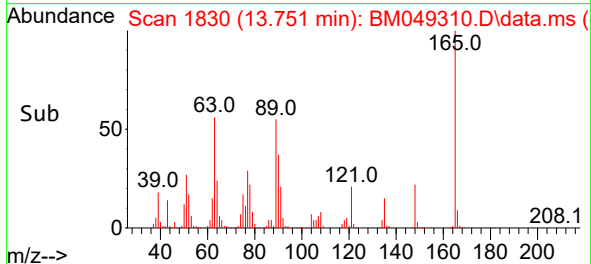
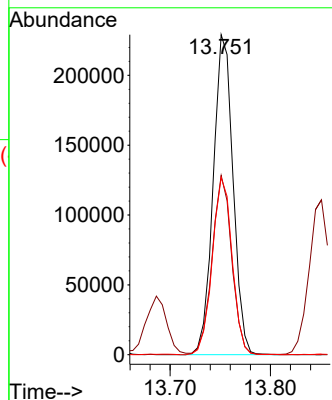
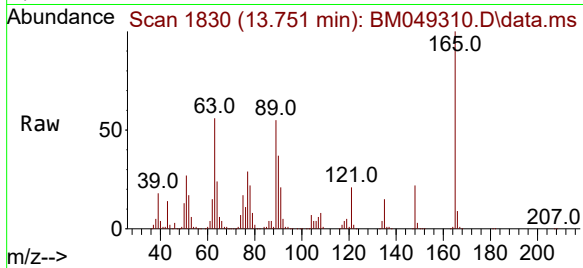




#51
2,6-Dinitrotoluene
Concen: 41.047 ng
RT: 13.751 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

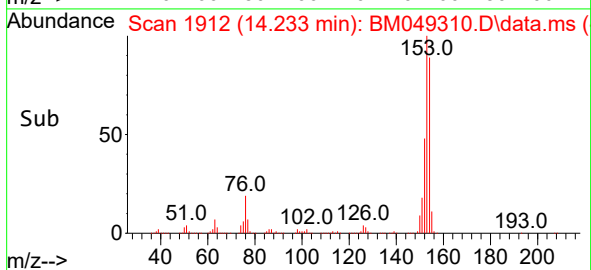
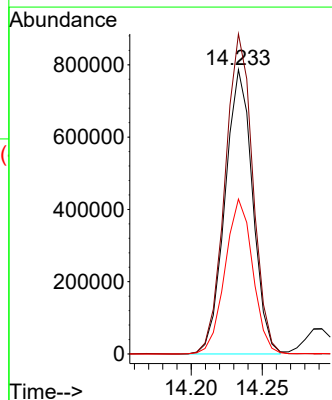
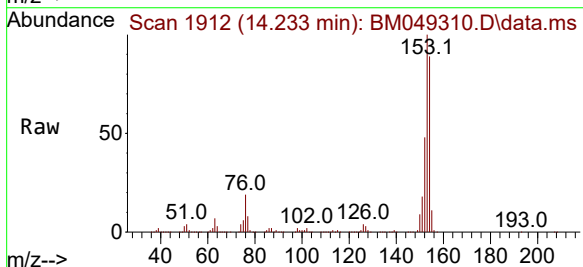
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

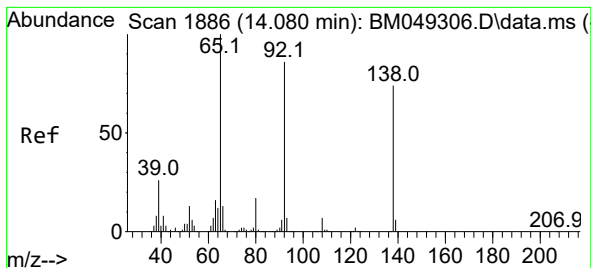
Tgt Ion:165 Resp: 314254
Ion Ratio Lower Upper
165 100
63 56.0 45.5 68.3
89 55.4 44.4 66.6



#52
Acenaphthene
Concen: 39.839 ng
RT: 14.233 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:154 Resp: 1062931
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 54.5 43.5 65.3

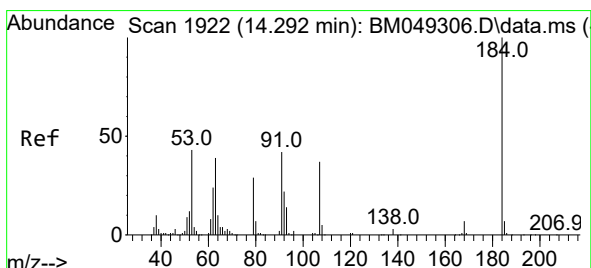
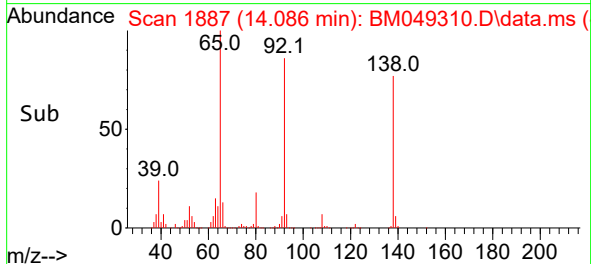
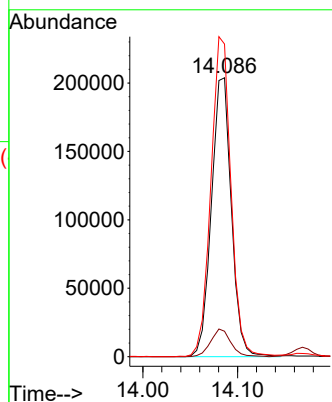
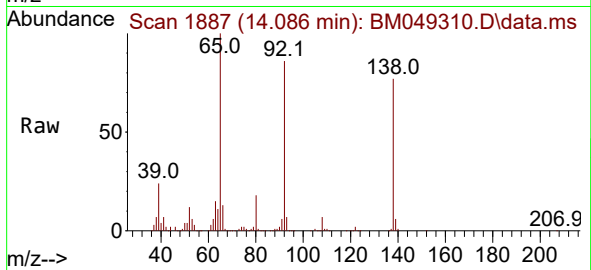




#53
3-Nitroaniline
Concen: 41.492 ng
RT: 14.086 min Scan# 1886
Delta R.T. 0.006 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

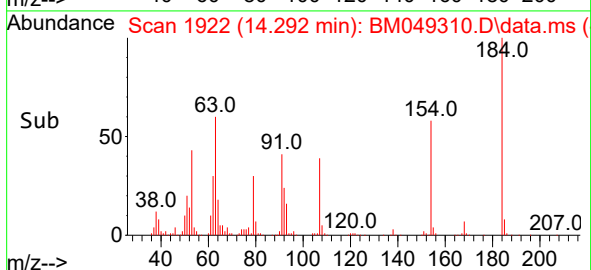
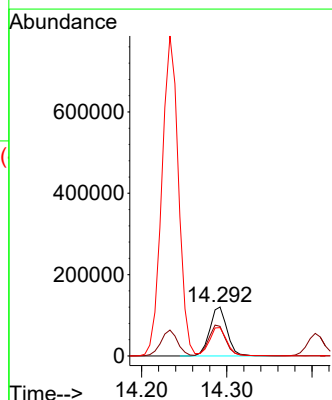
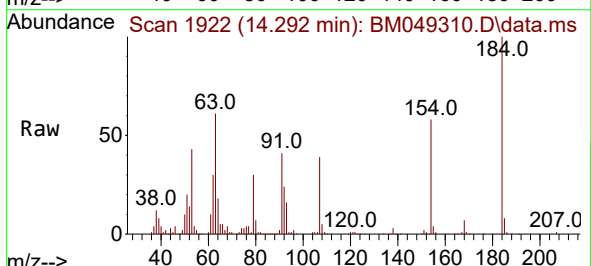
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

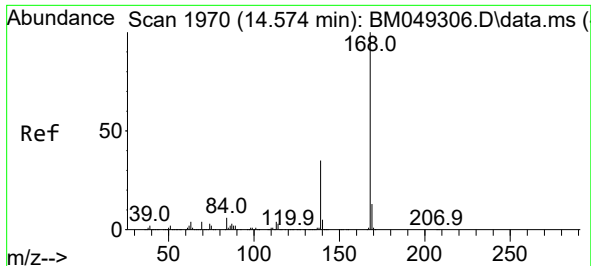
Tgt Ion:138 Resp: 297798
Ion Ratio Lower Upper
138 100
108 9.1 7.8 11.8
92 112.1 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 40.932 ng
RT: 14.292 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:184 Resp: 168952
Ion Ratio Lower Upper
184 100
63 60.5 48.2 72.4
154 57.8 45.4 68.2

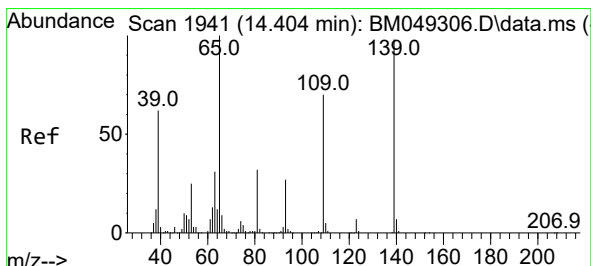
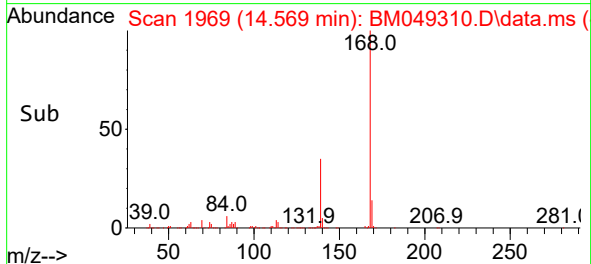
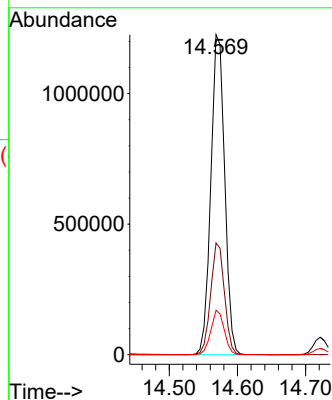
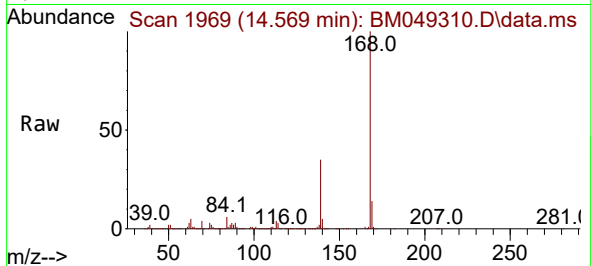




#55
Dibenzenofuran
Concen: 39.517 ng
RT: 14.569 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

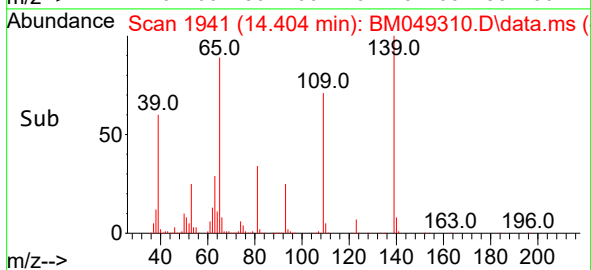
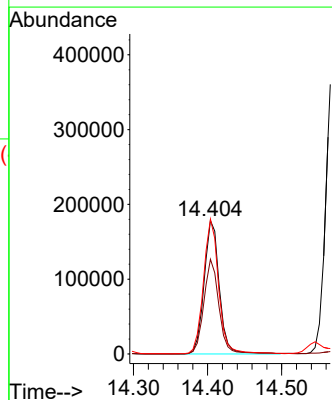
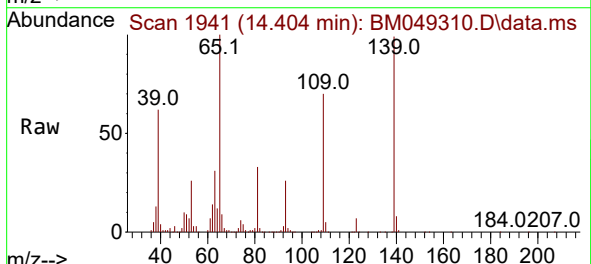
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

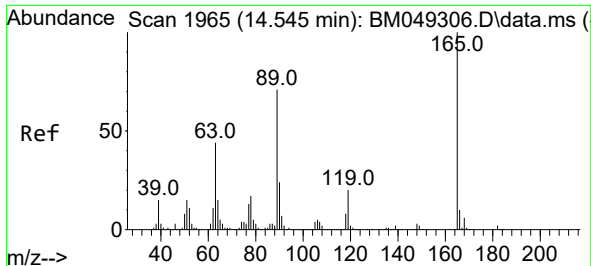
Tgt Ion:168 Resp: 1734897
Ion Ratio Lower Upper
168 100
139 34.9 27.9 41.9
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 43.005 ng
RT: 14.404 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:139 Resp: 254941
Ion Ratio Lower Upper
139 100
109 71.0 51.6 91.6
65 101.1 82.3 122.3





#57

2,4-Dinitrotoluene

Concen: 42.118 ng

RT: 14.545 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

Tgt Ion:165 Resp: 429800

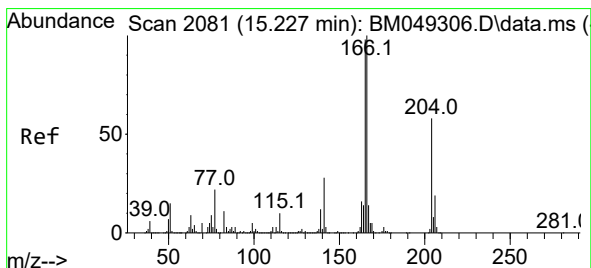
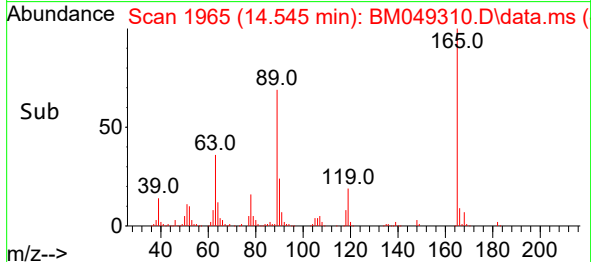
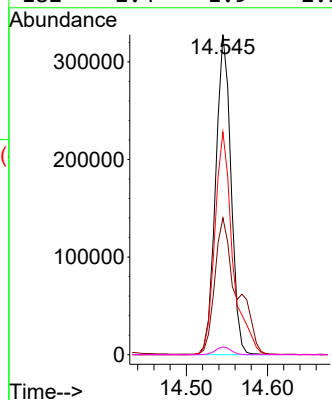
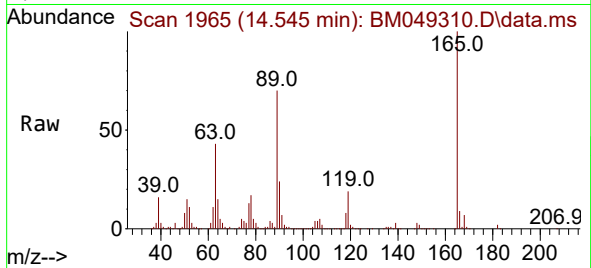
Ion Ratio Lower Upper

165 100

63 42.8 35.4 53.2

89 69.6 56.6 84.8

182 2.4 1.9 2.9



#58

Fluorene

Concen: 40.295 ng

RT: 15.221 min Scan# 2080

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

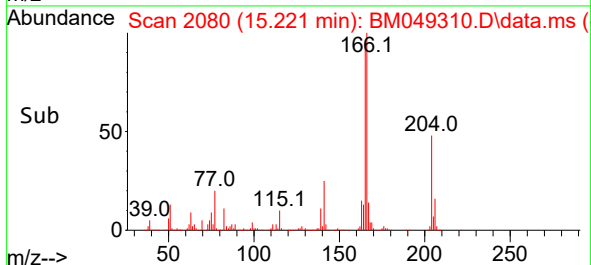
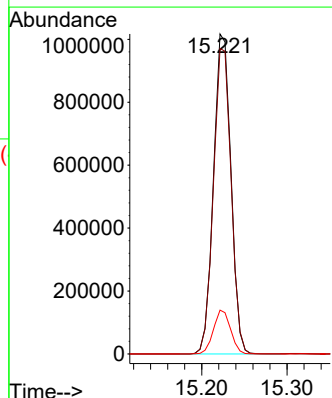
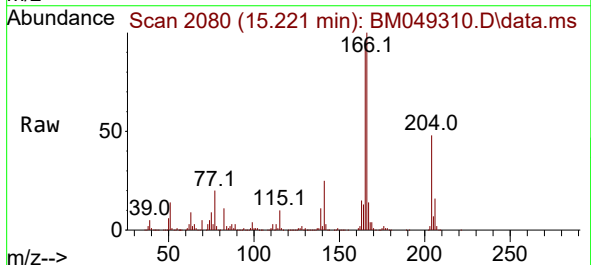
Tgt Ion:166 Resp: 1443613

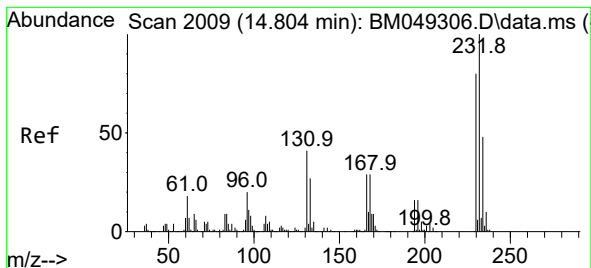
Ion Ratio Lower Upper

166 100

165 95.5 78.7 118.1

167 13.7 11.0 16.4

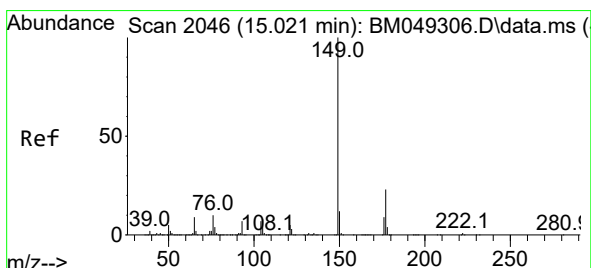
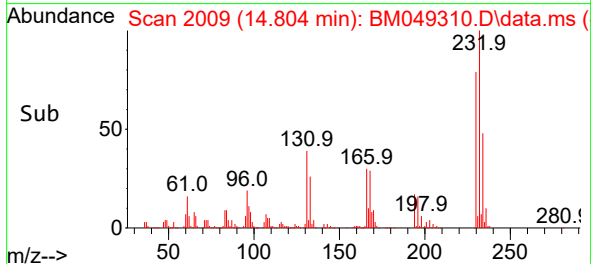
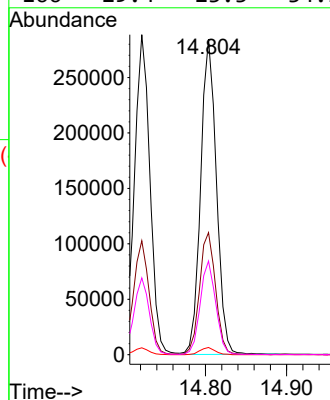
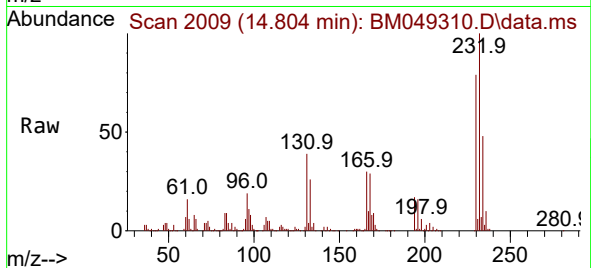




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.260 ng
RT: 14.804 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

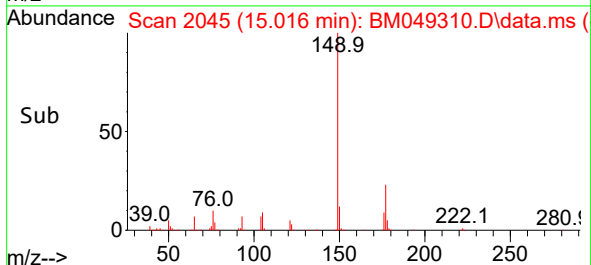
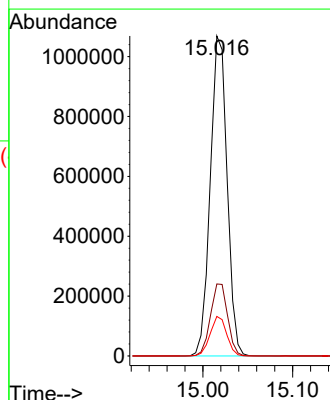
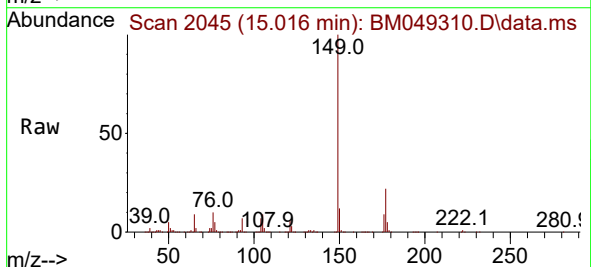
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

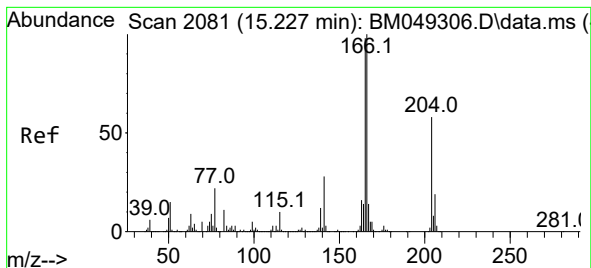
Tgt Ion:232 Resp: 383944
Ion Ratio Lower Upper
232 100
131 39.1 32.0 48.0
130 2.2 1.8 2.6
166 29.4 23.3 34.9



#60
Diethylphthalate
Concen: 39.980 ng
RT: 15.016 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:149 Resp: 1392406
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.4 9.5 14.3

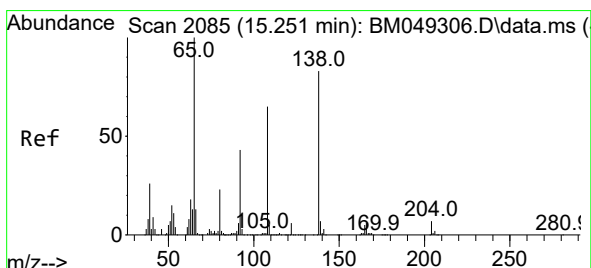
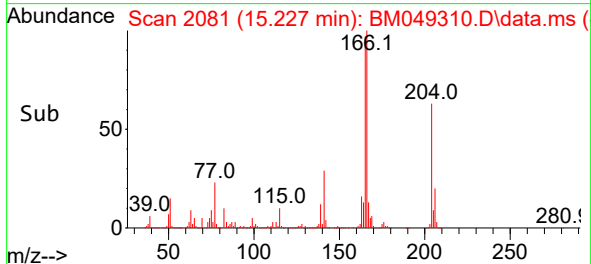
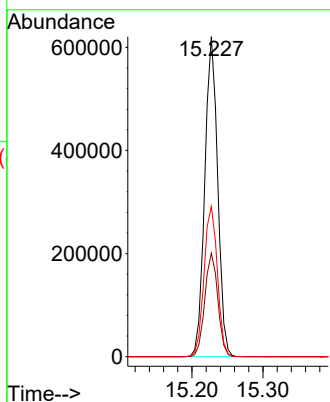
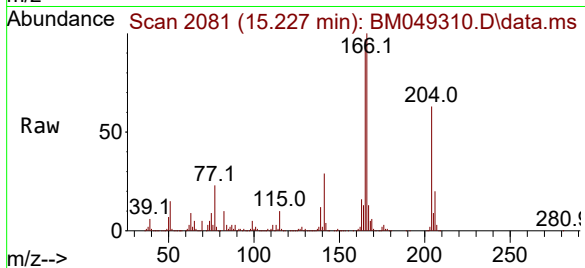




#61
4-Chlorophenyl-phenylether
Concen: 40.289 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

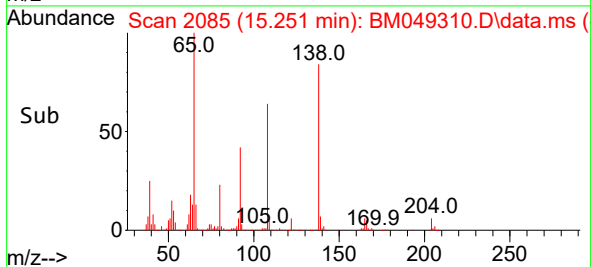
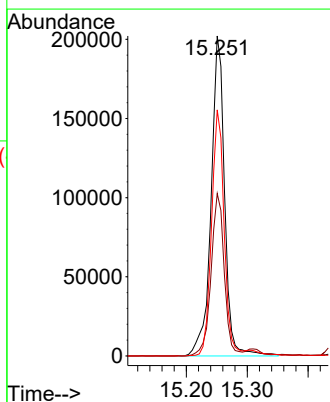
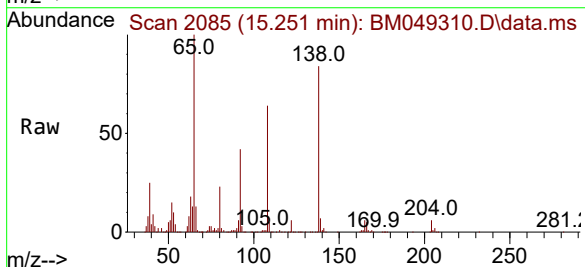
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

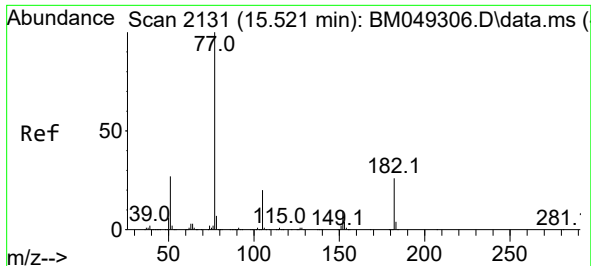
Tgt Ion:204 Resp: 784899
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 47.0 38.6 57.8



#62
4-Nitroaniline
Concen: 42.937 ng
RT: 15.251 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:138 Resp: 312924
Ion Ratio Lower Upper
138 100
92 50.8 32.1 72.1
108 76.9 58.1 98.1

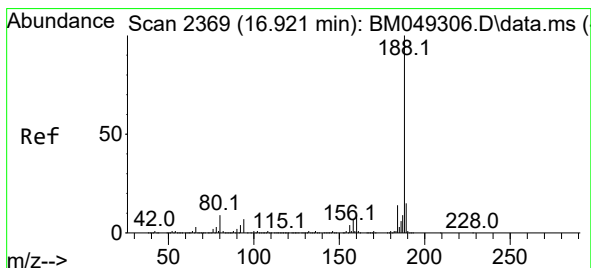
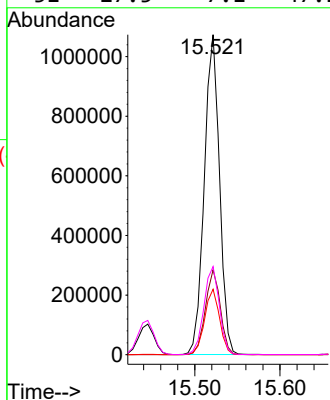
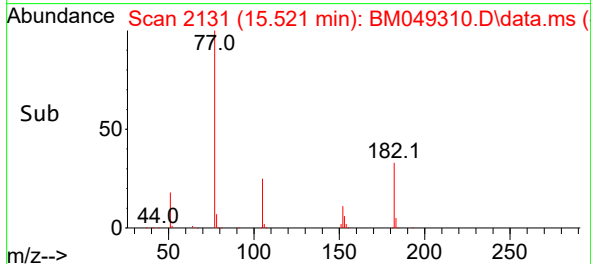
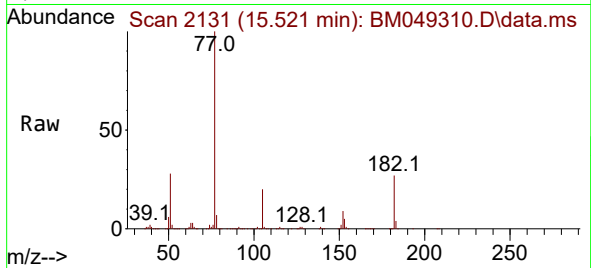




#63
Azobenzene
Concen: 40.108 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

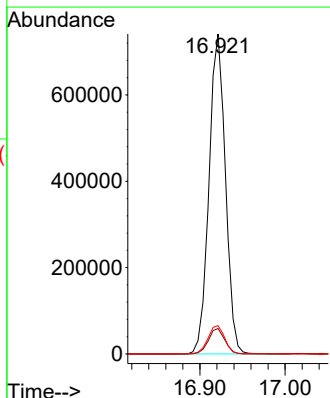
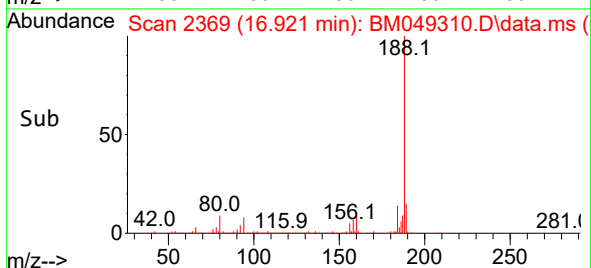
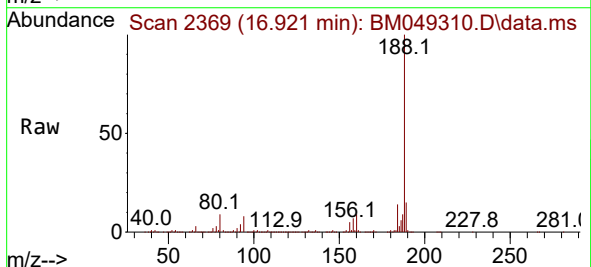
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

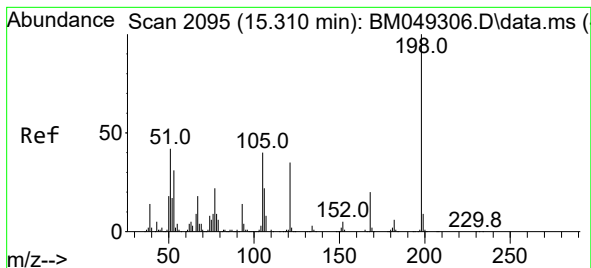
Tgt Ion: 77 Resp: 1330028
Ion Ratio Lower Upper
77 100
182 26.5 6.2 46.2
105 20.5 0.0 39.8
51 27.5 7.1 47.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.921 min Scan# 2369
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:188 Resp: 992559
Ion Ratio Lower Upper
188 100
94 7.9 6.0 9.0
80 8.9 7.0 10.6

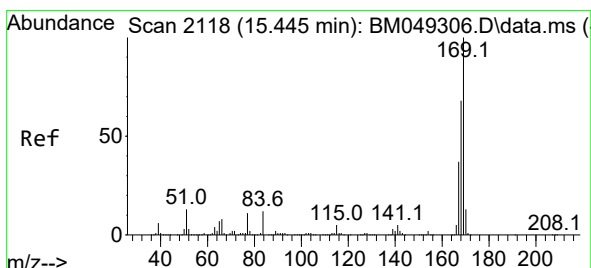
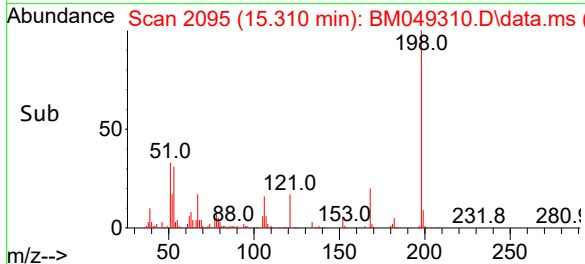
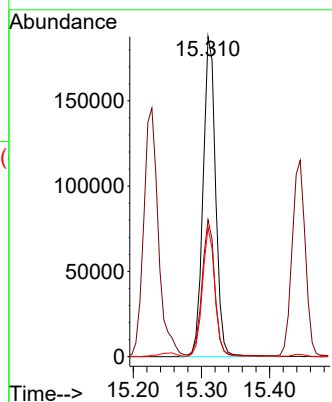
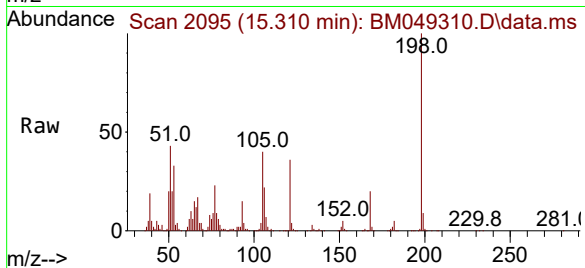




#65
4,6-Dinitro-2-methylphenol
Concen: 40.736 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

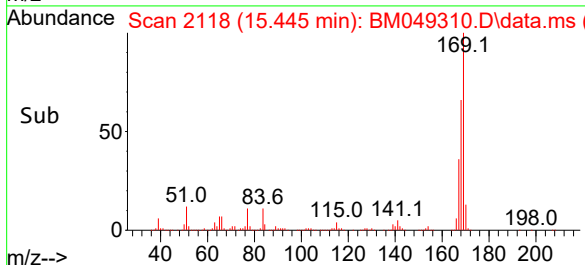
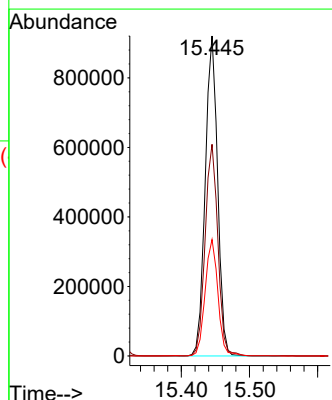
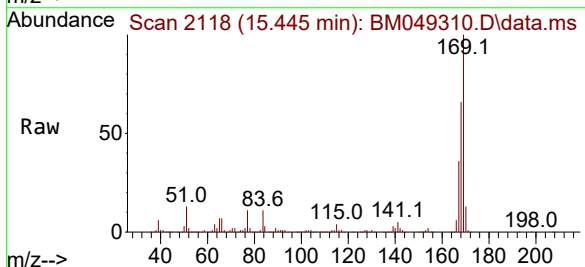
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

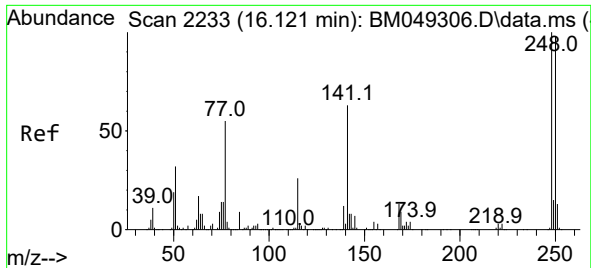
Tgt Ion:198 Resp: 240195
Ion Ratio Lower Upper
198 100
51 42.8 24.1 64.1
105 40.4 20.1 60.1



#66
n-Nitrosodiphenylamine
Concen: 40.554 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:169 Resp: 1163023
Ion Ratio Lower Upper
169 100
168 66.1 54.0 81.0
167 36.4 29.8 44.8

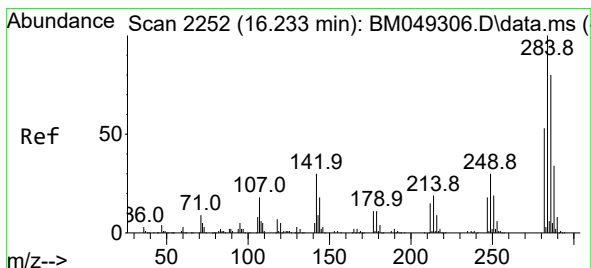
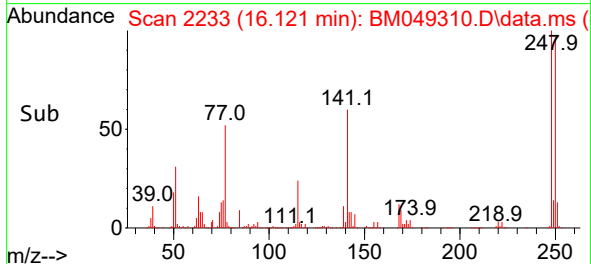
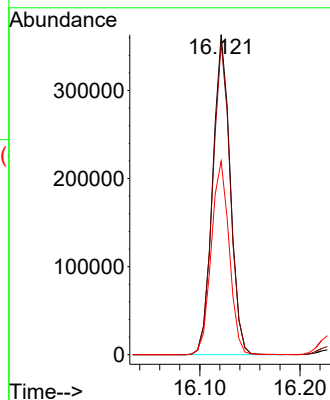
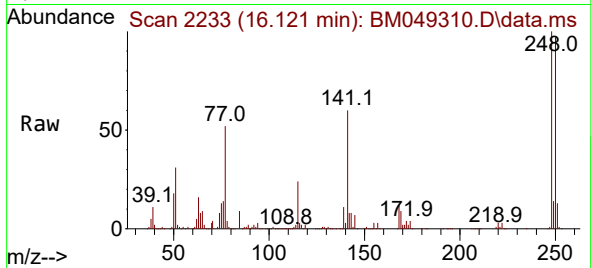




#67
4-Bromophenyl-phenylether
Concen: 40.179 ng
RT: 16.121 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

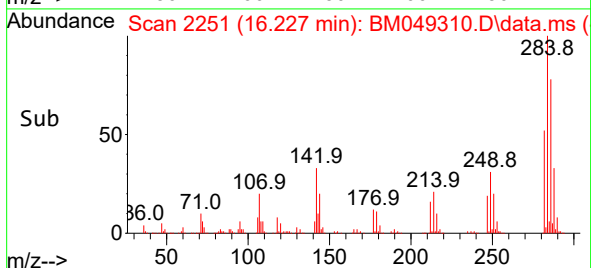
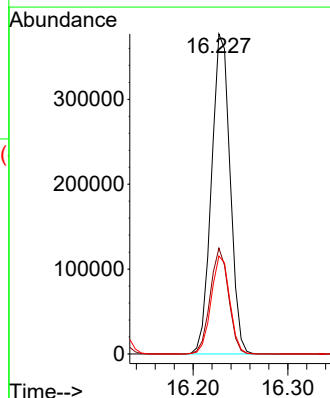
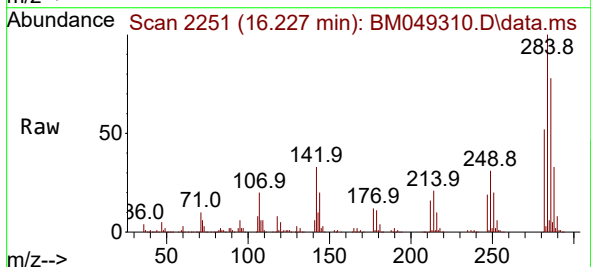
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

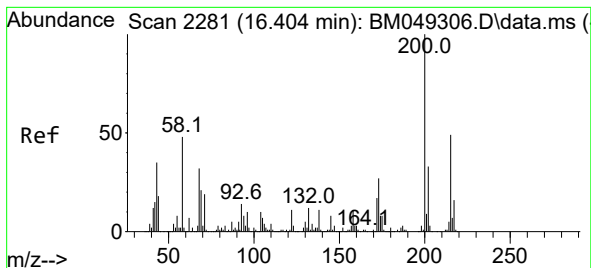
Tgt Ion:248 Resp: 439820
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.2
141 60.4 50.4 75.6



#68
Hexachlorobenzene
Concen: 39.992 ng
RT: 16.227 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:284 Resp: 515984
Ion Ratio Lower Upper
284 100
142 33.1 23.9 35.9
249 30.6 24.2 36.4





#69

Atrazine

Concen: 35.183 ng

RT: 16.404 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

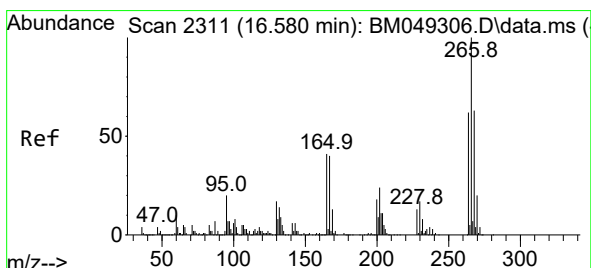
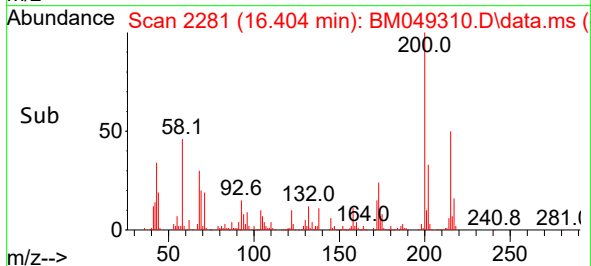
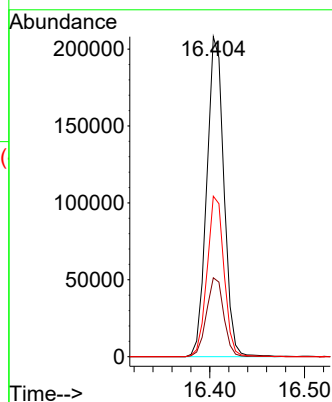
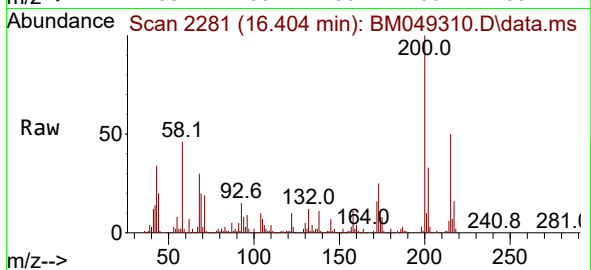
Tgt Ion:200 Resp: 260883

Ion Ratio Lower Upper

200 100

173 24.6 6.5 46.5

215 50.2 29.1 69.1



#70

Pentachlorophenol

Concen: 41.804 ng

RT: 16.574 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

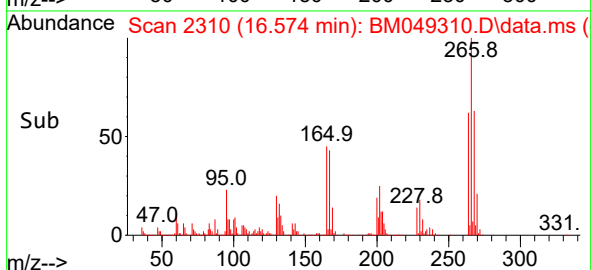
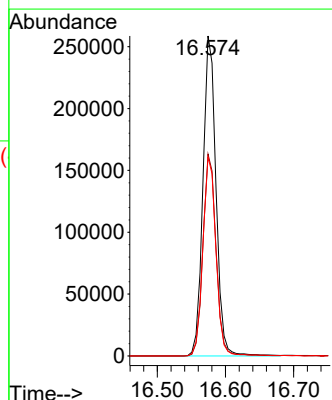
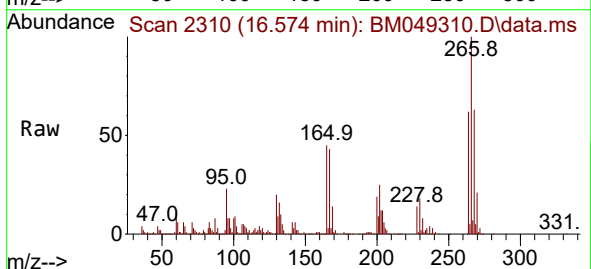
Tgt Ion:266 Resp: 344423

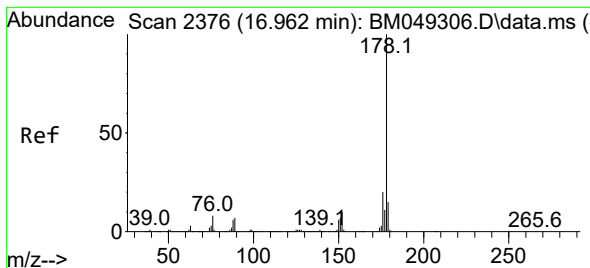
Ion Ratio Lower Upper

266 100

268 63.1 50.8 76.2

264 62.2 49.3 73.9





#71

Phenanthrene

Concen: 39.868 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

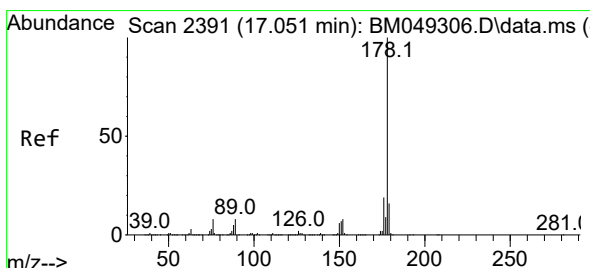
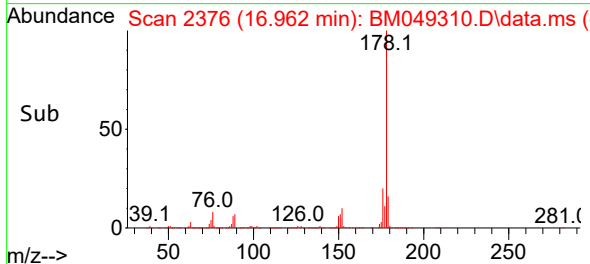
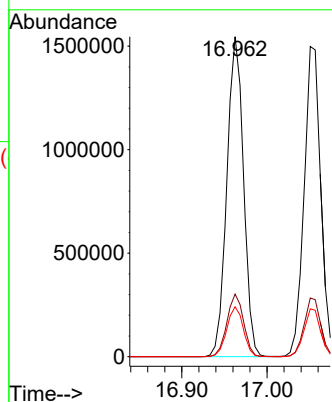
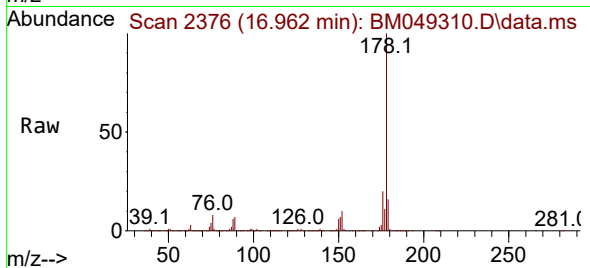
Tgt Ion:178 Resp: 2100878

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.6 12.4 18.6



#72

Anthracene

Concen: 40.472 ng

RT: 17.051 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

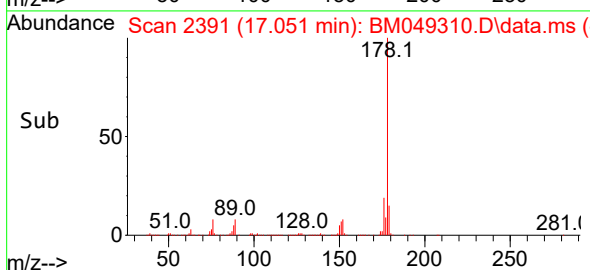
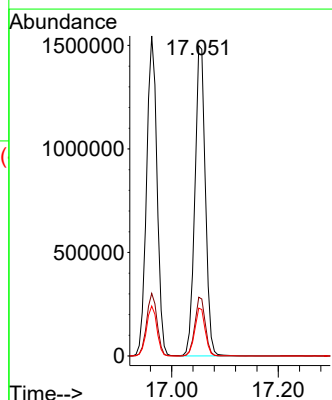
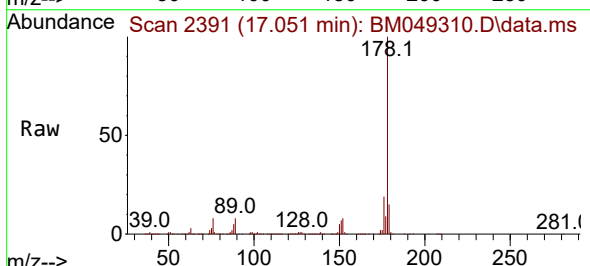
Tgt Ion:178 Resp: 2043026

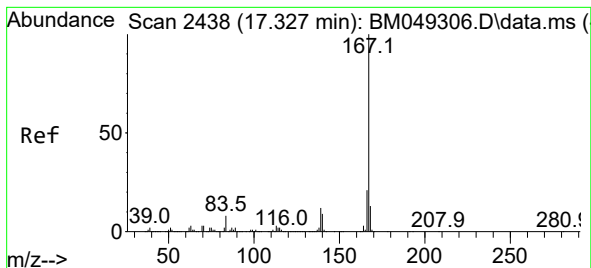
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.593 ng

RT: 17.327 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

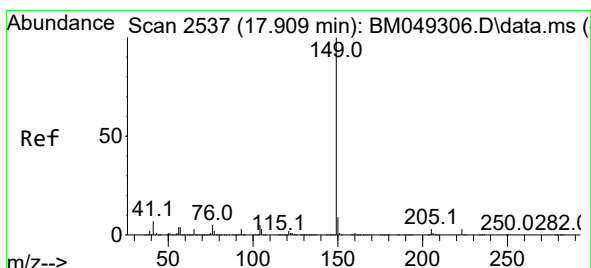
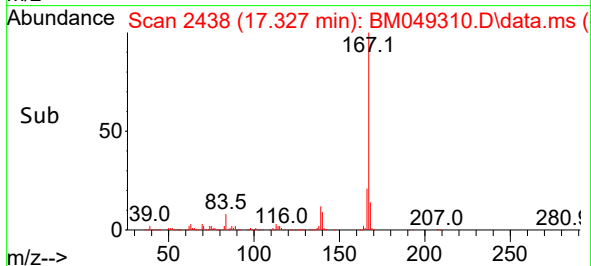
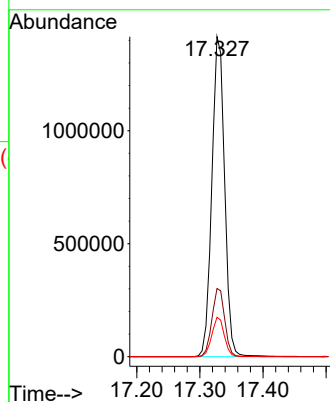
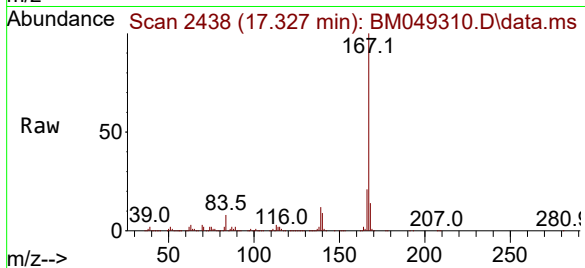
Tgt Ion:167 Resp: 1987134

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.3 9.7 14.5



#74

Di-n-butylphthalate

Concen: 41.648 ng

RT: 17.909 min Scan# 2537

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

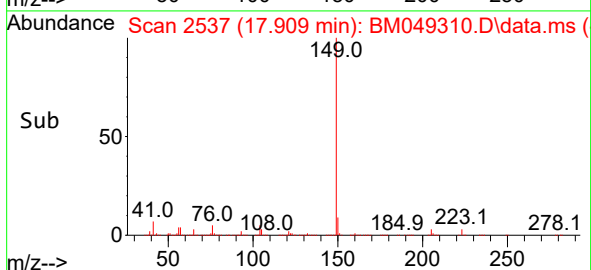
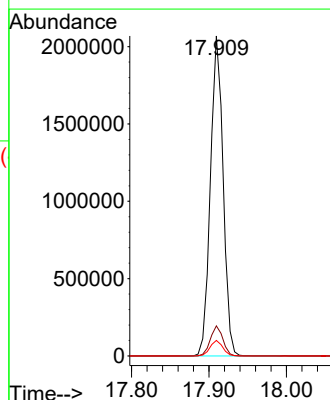
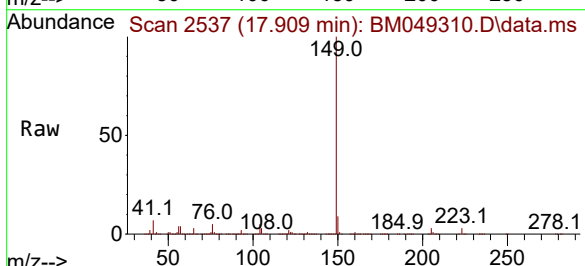
Tgt Ion:149 Resp: 2352736

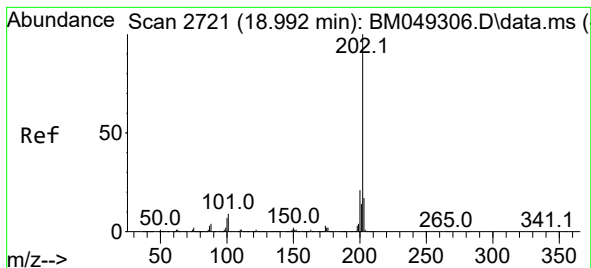
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 40.413 ng

RT: 18.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

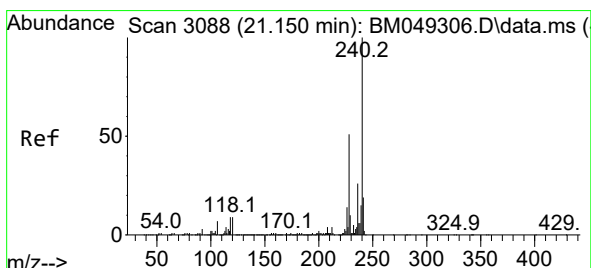
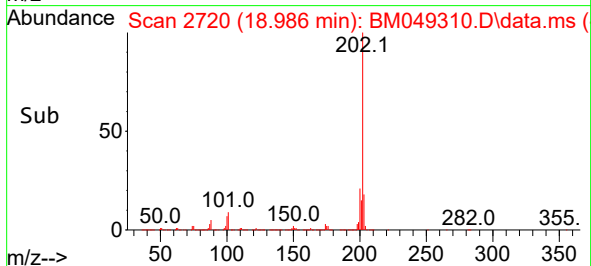
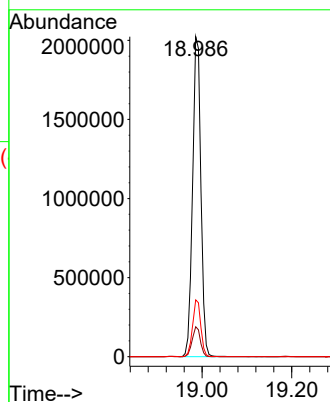
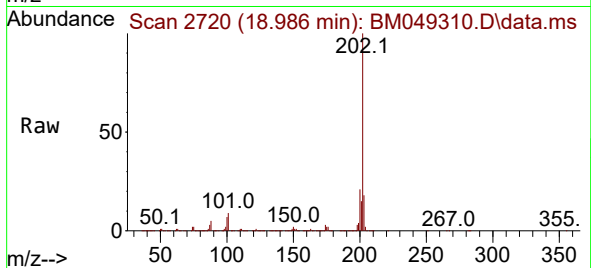
Tgt Ion:202 Resp: 2594412

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.7

203 17.8 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.150 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

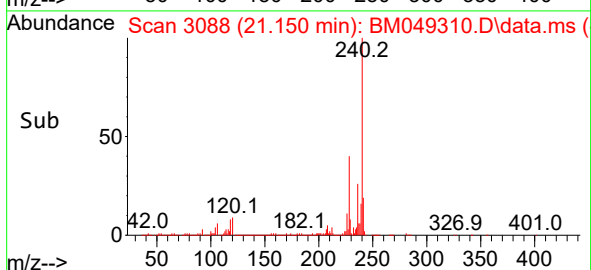
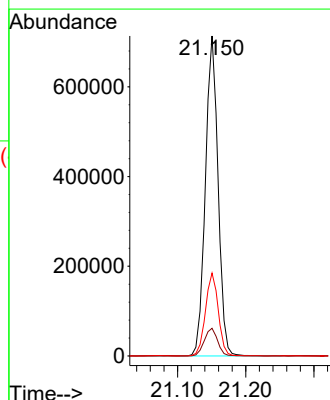
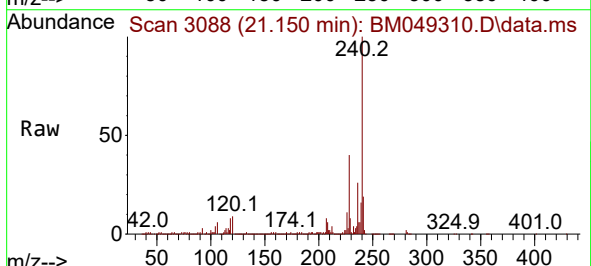
Tgt Ion:240 Resp: 922080

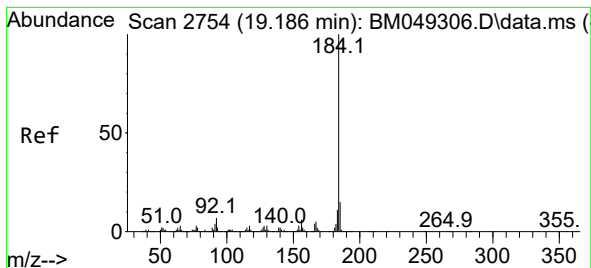
Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

236 25.9 21.0 31.4





#77

Benzidine

Concen: 50.108 ng

RT: 19.186 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

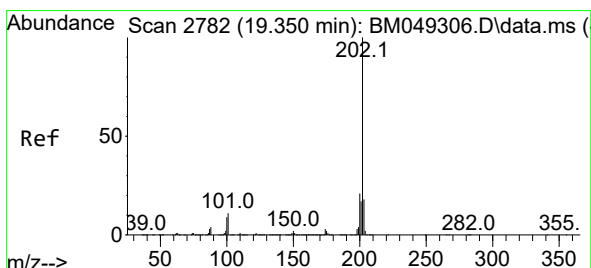
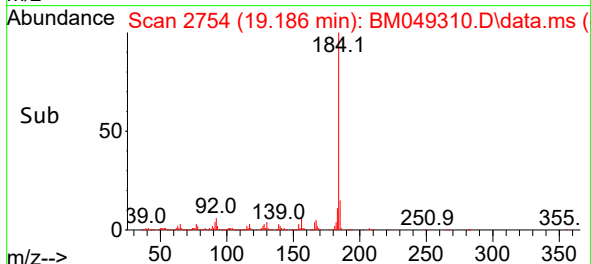
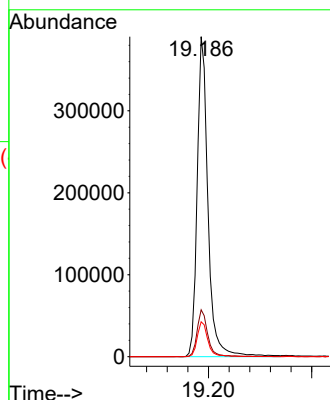
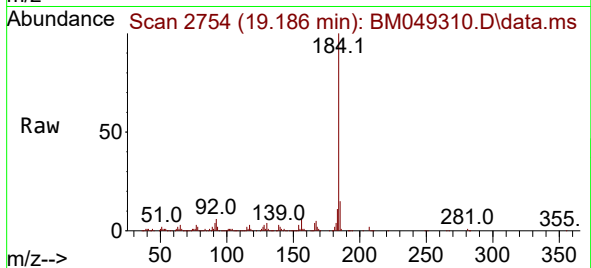
Tgt Ion:184 Resp: 565981

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

183 10.9 8.9 13.3



#78

Pyrene

Concen: 39.759 ng

RT: 19.351 min Scan# 2782

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

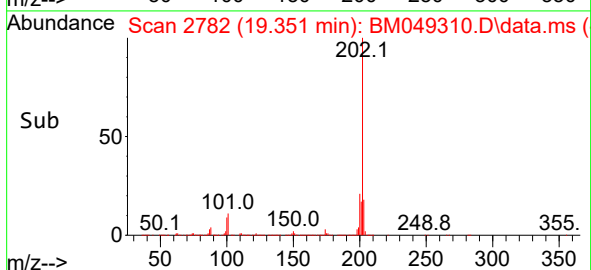
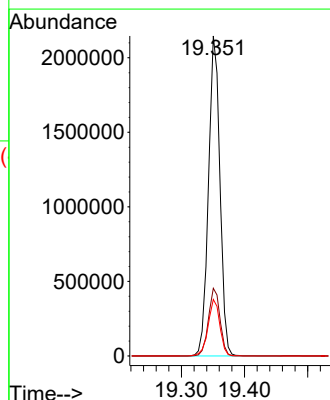
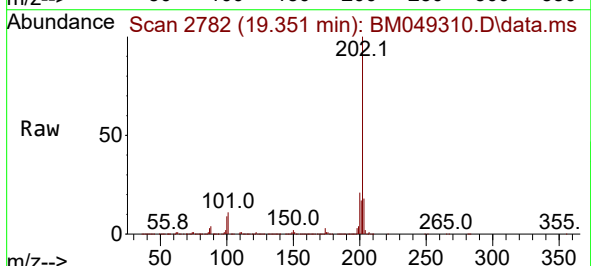
Tgt Ion:202 Resp: 2707706

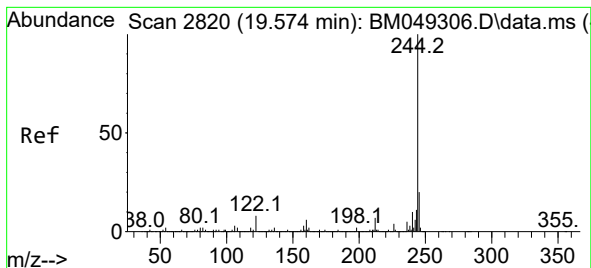
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 81.976 ng

RT: 19.574 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

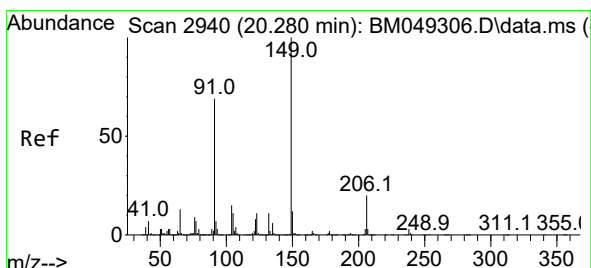
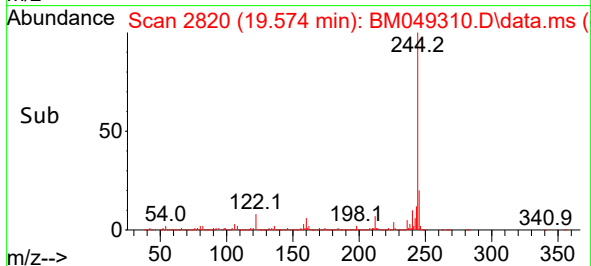
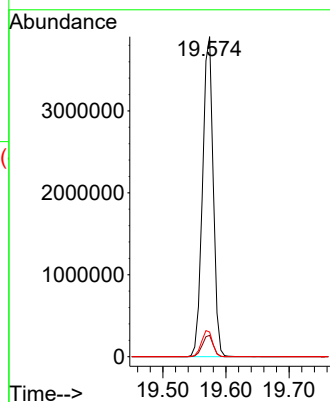
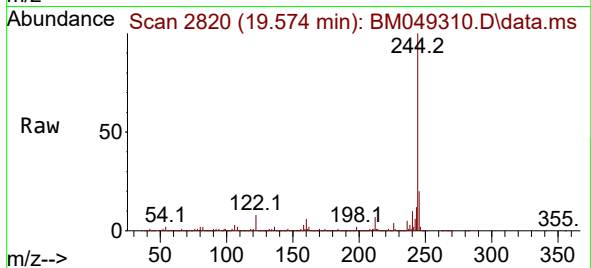
Tgt Ion:244 Resp: 4567042

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 7.7 6.1 9.1



#80

Butylbenzylphthalate

Concen: 42.187 ng

RT: 20.280 min Scan# 2940

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

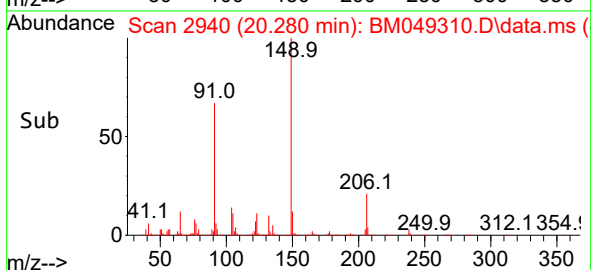
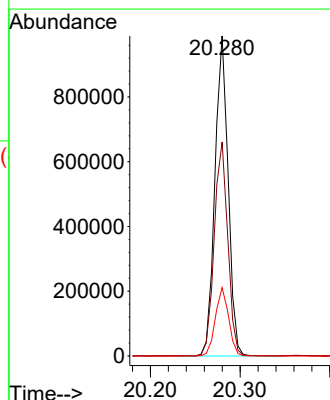
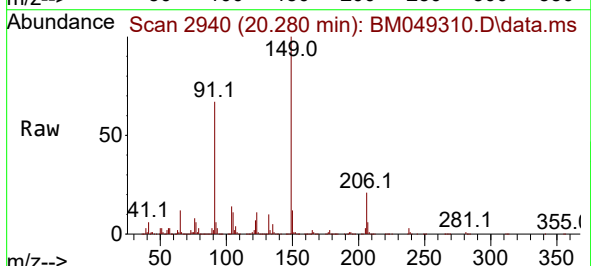
Tgt Ion:149 Resp: 1009652

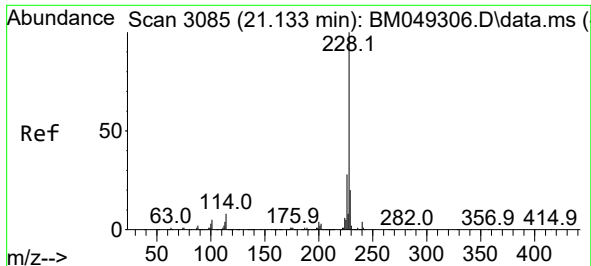
Ion Ratio Lower Upper

149 100

91 66.9 55.2 82.8

206 21.4 16.3 24.5

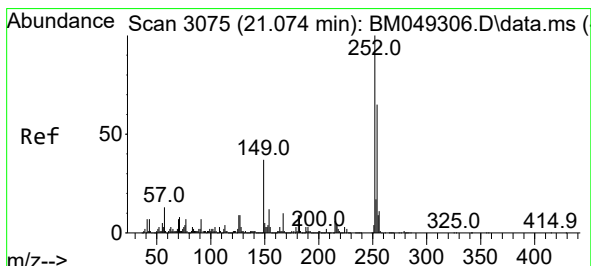
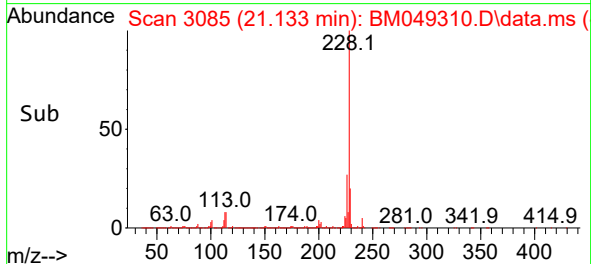
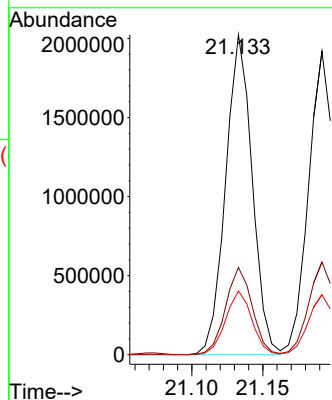
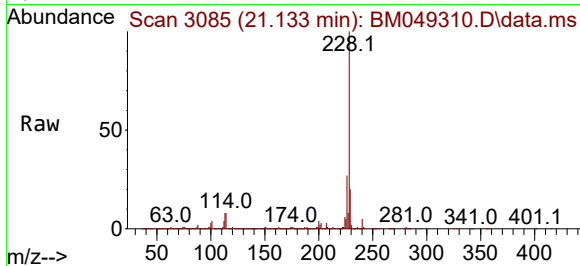




#81
Benzo(a)anthracene
Concen: 40.057 ng
RT: 21.133 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

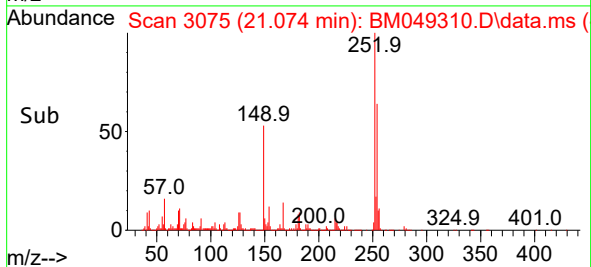
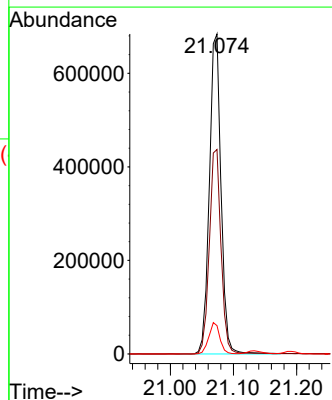
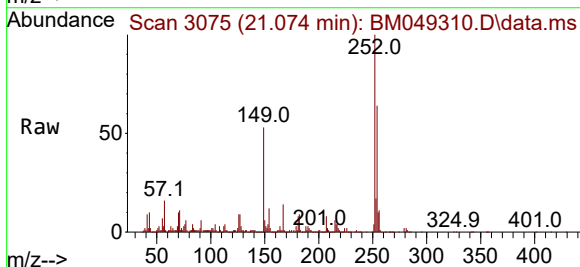
Instrument :
BNA_M
ClientSampleId :
ICVBM123124

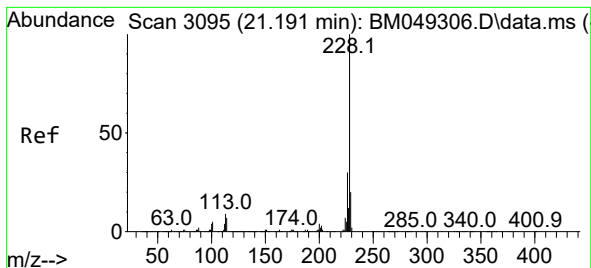
Tgt Ion:228 Resp: 2630408
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 42.049 ng
RT: 21.074 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BM049310.D
Acq: 31 Dec 2024 18:27

Tgt Ion:252 Resp: 878948
Ion Ratio Lower Upper
252 100
254 63.9 51.7 77.5
126 8.9 7.1 10.7





#83

Chrysene

Concen: 39.428 ng

RT: 21.192 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

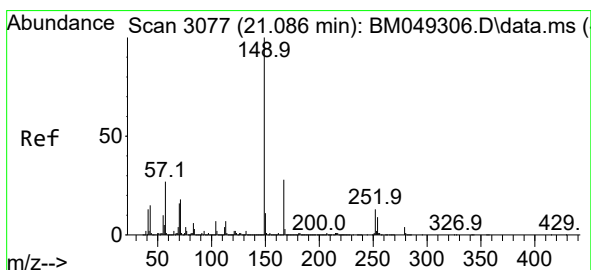
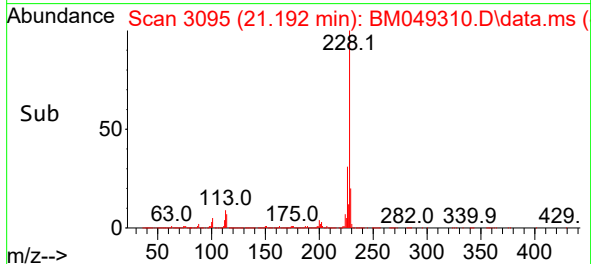
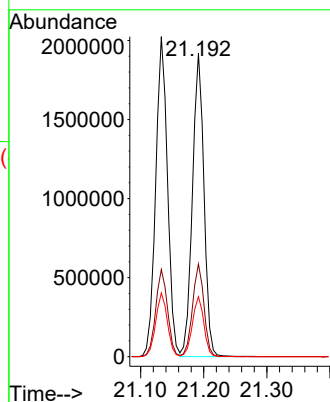
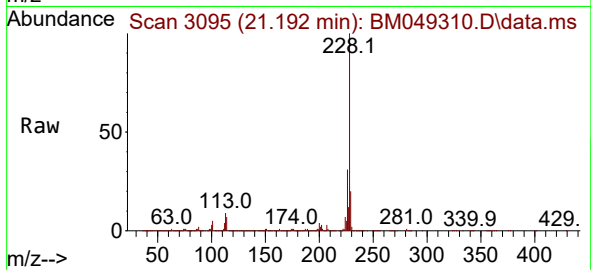
Tgt Ion:228 Resp: 2434454

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.521 ng

RT: 21.086 min Scan# 3077

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

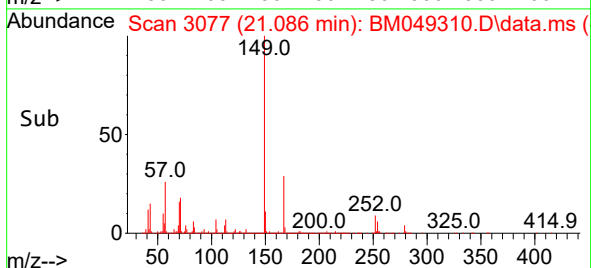
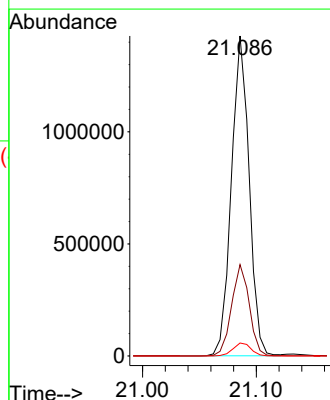
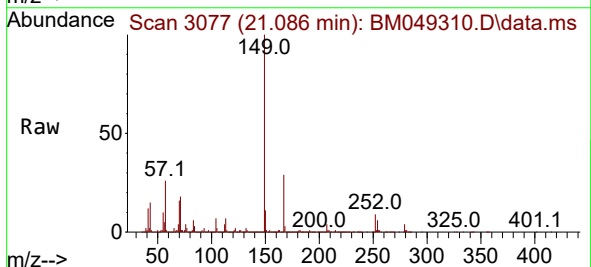
Tgt Ion:149 Resp: 1546800

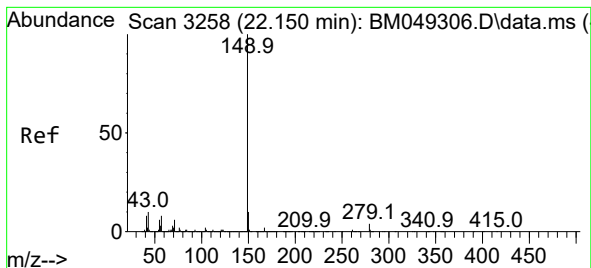
Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 41.941 ng

RT: 22.150 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

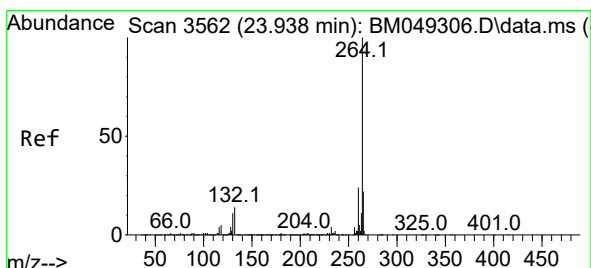
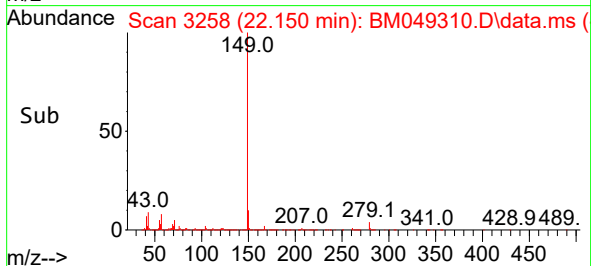
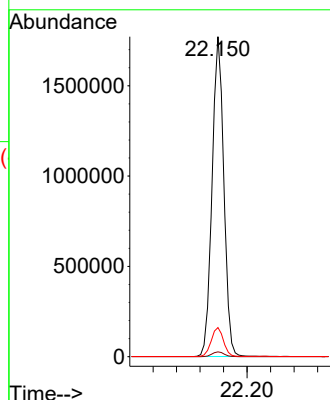
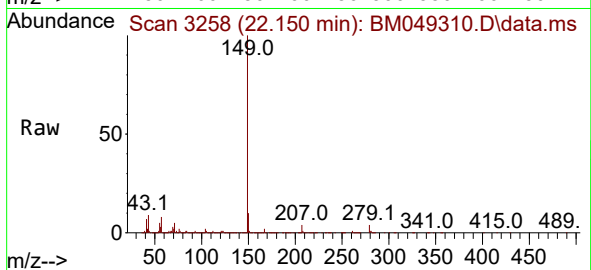
Tgt Ion:149 Resp: 2455448

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.938 min Scan# 3562

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

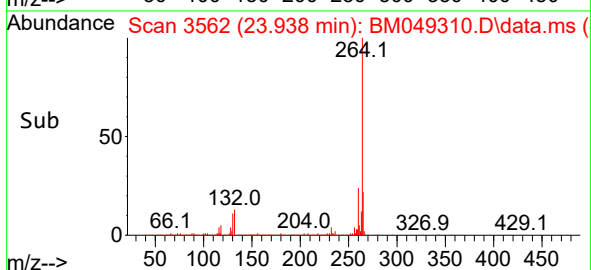
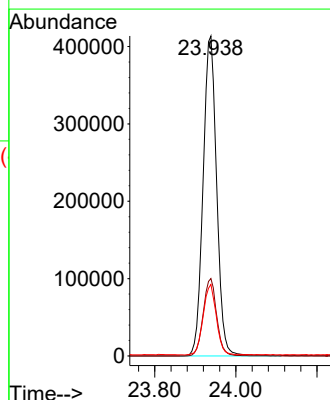
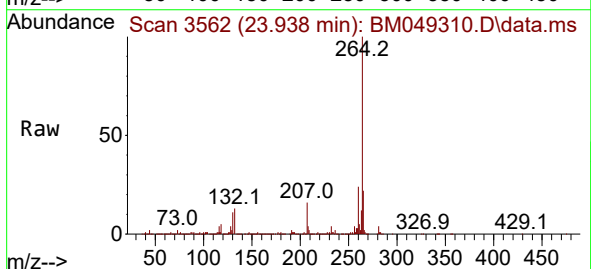
Tgt Ion:264 Resp: 959149

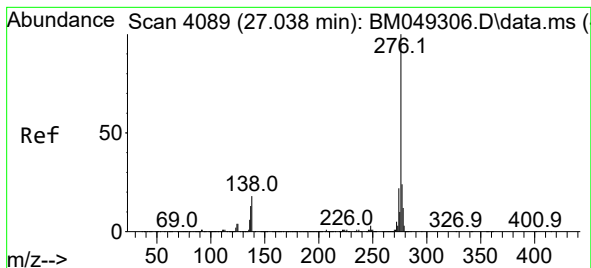
Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.642 ng

RT: 27.032 min Scan# 4088

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

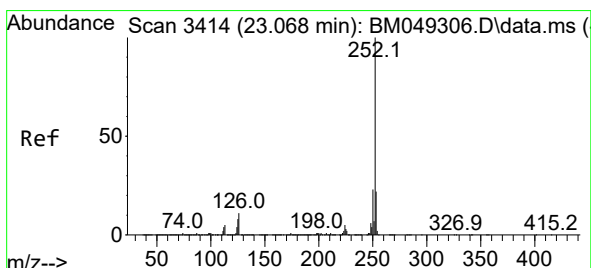
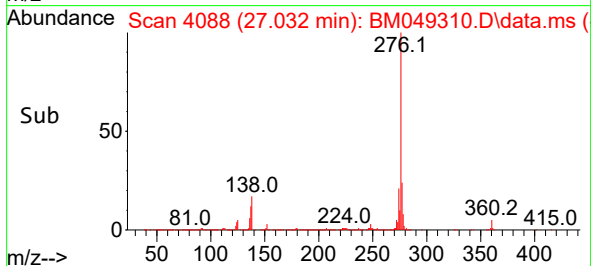
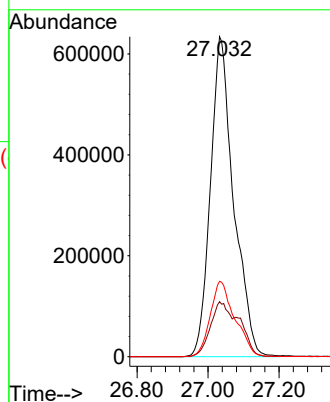
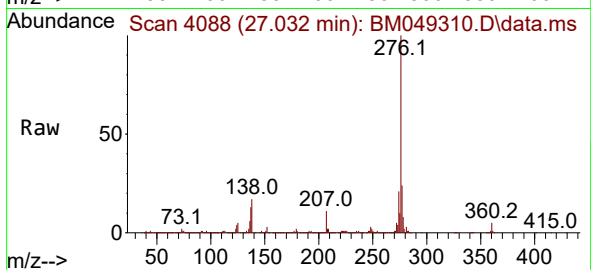
Tgt Ion:276 Resp: 2877392

Ion Ratio Lower Upper

276 100

138 15.3 17.3 25.9#

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.450 ng

RT: 23.068 min Scan# 3414

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

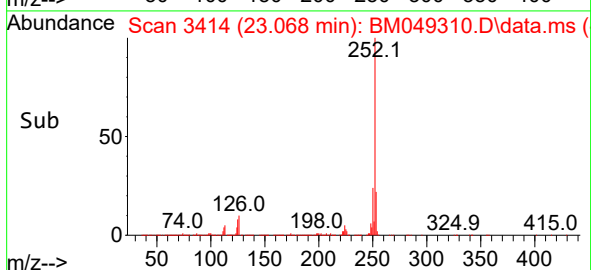
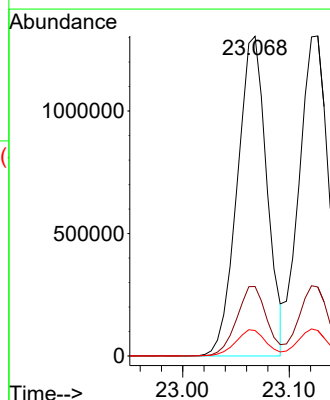
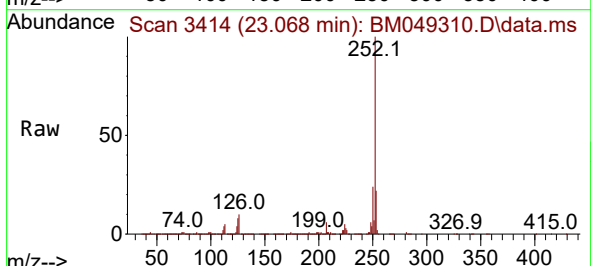
Tgt Ion:252 Resp: 2521885

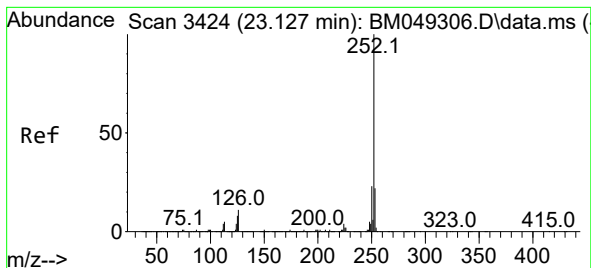
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.0 6.5 9.7





#89

Benzo(k)fluoranthene

Concen: 40.355 ng

RT: 23.127 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

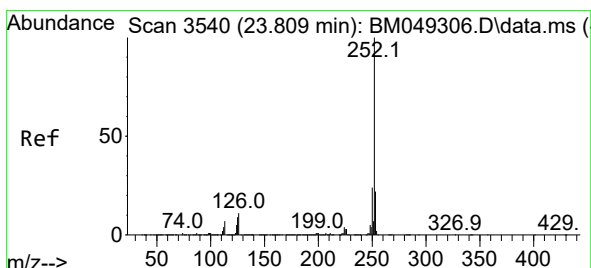
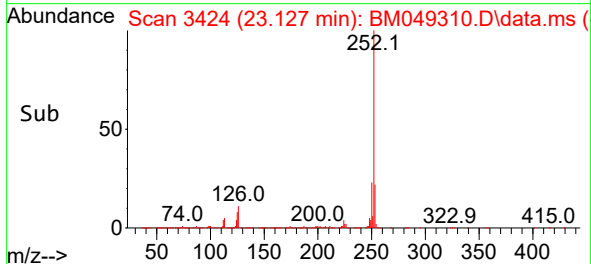
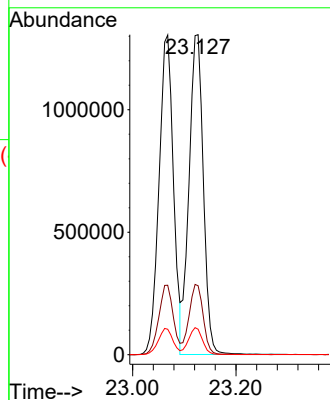
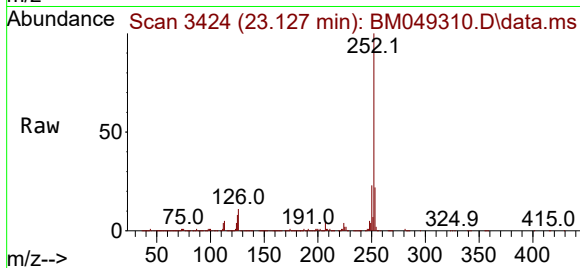
Tgt Ion:252 Resp: 2507847

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 7.9 6.5 9.7



#90

Benzo(a)pyrene

Concen: 39.810 ng

RT: 23.809 min Scan# 3540

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

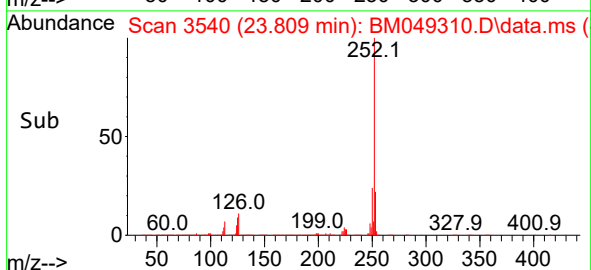
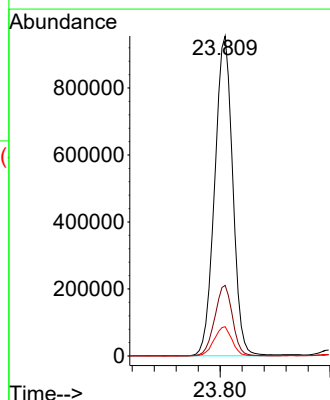
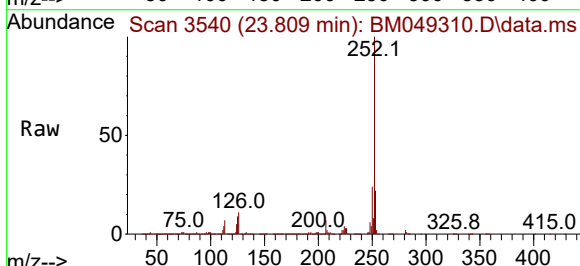
Tgt Ion:252 Resp: 2169213

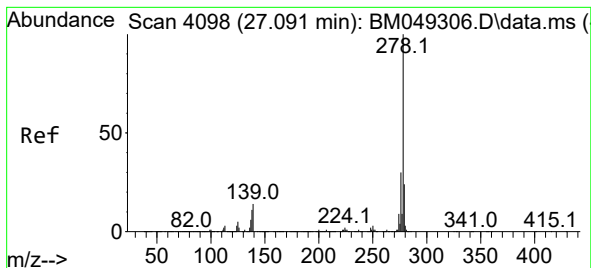
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.1 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 40.670 ng

RT: 27.091 min Scan# 4098

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA_M

ClientSampleId :

ICVBM123124

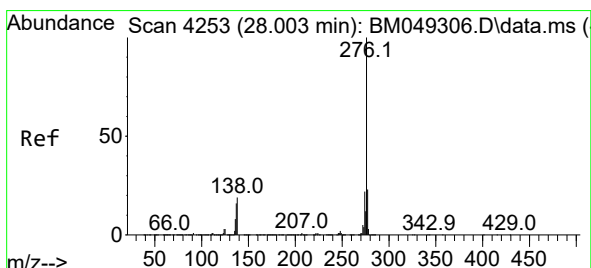
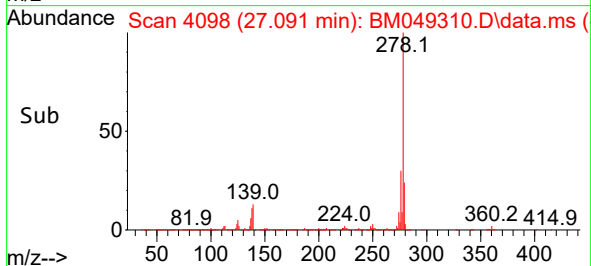
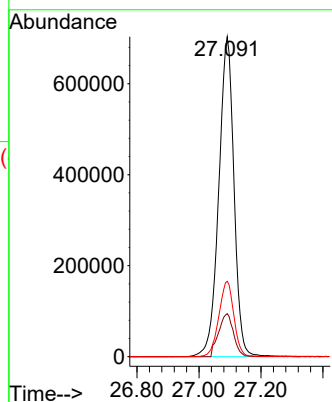
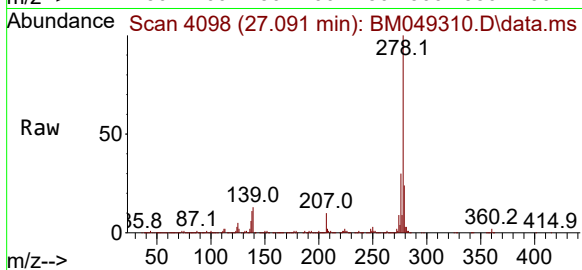
Tgt Ion:278 Resp: 2396893

Ion Ratio Lower Upper

278 100

139 13.5 11.0 16.4

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 39.922 ng

RT: 27.997 min Scan# 4252

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Tgt Ion:276 Resp: 2363723

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.8 15.0 22.4

