

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
 Data File : BM045746.D
 Acq On : 22 May 2024 17:23
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052224

Quant Time: May 23 04:15:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	321883	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	1381606	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	912753	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1967011	20.000	ng	0.00
76) Chrysene-d12	21.168	240	1625699	20.000	ng	0.00
86) Perylene-d12	23.962	264	1934287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	1442683	79.909	ng	0.00
7) Phenol-d6	6.840	99	1920421	79.231	ng	0.00
23) Nitrobenzene-d5	8.734	82	2123560	83.610	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	835972	86.471	ng	0.00
45) 2-Fluorobiphenyl	12.827	172	4560134	80.297	ng	0.00
79) Terphenyl-d14	19.586	244	7290798	82.543	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.199	88	298353	39.814	ng	99
3) Pyridine	3.610	79	710737	34.627	ng	98
4) n-Nitrosodimethylamine	3.505	42	471159	40.689	ng	99
6) Aniline	6.946	93	955928	41.235	ng	98
8) 2-Chlorophenol	7.169	128	797774	40.347	ng	98
9) Benzaldehyde	6.746	77	581083	39.354	ng	99
10) Phenol	6.863	94	964741	39.384	ng	99
11) bis(2-Chloroethyl)ether	7.028	93	843114	39.713	ng	99
12) 1,3-Dichlorobenzene	7.457	146	944626	40.087	ng	99
13) 1,4-Dichlorobenzene	7.598	146	960992	40.438	ng	98
14) 1,2-Dichlorobenzene	7.922	146	880674	39.663	ng	99
15) Benzyl Alcohol	7.857	79	767697	40.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.116	45	1342863	40.755	ng	99
17) 2-Methylphenol	8.081	107	704734	41.503	ng	99
18) Hexachloroethane	8.634	117	371406	40.261	ng	96
19) n-Nitroso-di-n-propyla...	8.398	70	676356	39.690	ng	99
20) 3+4-Methylphenols	8.410	107	917836	40.592	ng	# 88
22) Acetophenone	8.404	105	1275873	39.929	ng	# 99
24) Nitrobenzene	8.775	77	1083984	41.963	ng	99
25) Isophorone	9.316	82	1946931	41.180	ng	99
26) 2-Nitrophenol	9.481	139	470895	41.736	ng	99
27) 2,4-Dimethylphenol	9.587	122	596858	41.390	ng	99
28) bis(2-Chloroethoxy)met...	9.781	93	1184535	40.690	ng	100
29) 2,4-Dichlorophenol	10.028	162	841245	42.660	ng	99
30) 1,2,4-Trichlorobenzene	10.198	180	923869	41.374	ng	99
31) Naphthalene	10.386	128	2764490	40.388	ng	100
32) Benzoic acid	9.822	122	554436	41.695	ng	97
33) 4-Chloroaniline	10.551	127	1086021	41.564	ng	99
34) Hexachlorobutadiene	10.675	225	559556	40.873	ng	99
35) Caprolactam	11.416	113	275365	43.176	ng	97
36) 4-Chloro-3-methylphenol	11.710	107	942294	42.023	ng	100
37) 2-Methylnaphthalene	12.004	142	1923663	40.346	ng	100
38) 1-Methylnaphthalene	12.222	142	1904509	40.485	ng	100
40) 1,2,4,5-Tetrachloroben...	12.369	216	963896	40.949	ng	100
41) Hexachlorocyclopentadiene	12.357	237	405626	41.172	ng	99
43) 2,4,6-Trichlorophenol	12.645	196	682567	42.966	ng	99

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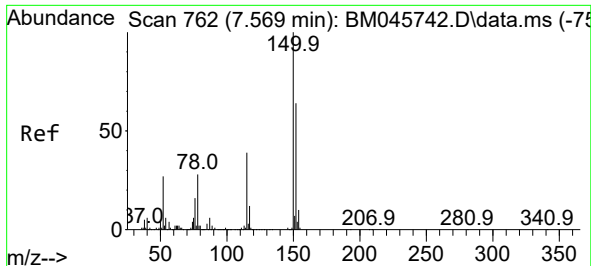
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	755610	42.736	ng	97
46) 1,1'-Biphenyl	13.033	154	2472978	40.194	ng	100
47) 2-Chloronaphthalene	13.069	162	1927385	40.029	ng	100
48) 2-Nitroaniline	13.322	65	687371	45.242	ng	100
49) Acenaphthylene	13.922	152	2952747	40.442	ng	100
50) Dimethylphthalate	13.704	163	2533225	41.030	ng	99
51) 2,6-Dinitrotoluene	13.804	165	582358	43.947	ng	99
52) Acenaphthene	14.263	154	1846009	40.334	ng	99
53) 3-Nitroaniline	14.163	138	602168	44.554	ng	100
54) 2,4-Dinitrophenol	14.339	184	289742	42.366	ng	98
55) Dibenzofuran	14.604	168	2901920	40.220	ng	99
56) 4-Nitrophenol	14.533	139	508345	44.239	ng	98
57) 2,4-Dinitrotoluene	14.592	165	783585	44.529	ng	99
58) Fluorene	15.251	166	2391882	40.561	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.857	232	635074	43.226	ng	99
60) Diethylphthalate	15.063	149	2675858	41.477	ng	99
61) 4-Chlorophenyl-phenyle...	15.257	204	1173251	40.656	ng	99
62) 4-Nitroaniline	15.339	138	606017	45.141	ng	97
63) Azobenzene	15.551	77	2531463	40.495	ng	100
65) 4,6-Dinitro-2-methylph...	15.351	198	412036	42.451	ng	91
66) n-Nitrosodiphenylamine	15.480	169	2028407	40.280	ng	100
67) 4-Bromophenyl-phenylether	16.145	248	766350	41.006	ng	97
68) Hexachlorobenzene	16.251	284	907879	40.781	ng	99
69) Atrazine	16.457	200	623196	40.528	ng	99
70) Pentachlorophenol	16.621	266	609543	44.882	ng	99
71) Phenanthrene	16.992	178	3713213	39.995	ng	100
72) Anthracene	17.080	178	3696250	40.494	ng	100
73) Carbazole	17.374	167	3699146	40.500	ng	100
74) Di-n-butylphthalate	17.939	149	4694595	41.393	ng	100
75) Fluoranthene	19.009	202	4587189	40.521	ng	99
77) Benzidine	19.227	184	1584314	57.070	ng	100
78) Pyrene	19.374	202	4770987	41.602	ng	100
80) Butylbenzylphthalate	20.298	149	2132708	42.933	ng	98
81) Benzo(a)anthracene	21.145	228	4215101	40.708	ng	100
82) 3,3'-Dichlorobenzidine	21.098	252	1544520	43.527	ng	98
83) Chrysene	21.209	228	3964122	40.815	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	2904962	41.647	ng	100
85) Di-n-octyl phthalate	22.156	149	5127021	42.148	ng	100
87) Indeno(1,2,3-cd)pyrene	27.068	276	4599895	41.330	ng	100
88) Benzo(b)fluoranthene	23.086	252	4474492	40.792	ng	100
89) Benzo(k)fluoranthene	23.144	252	4152573	39.885	ng	100
90) Benzo(a)pyrene	23.833	252	3914881	41.073	ng	99
91) Dibenzo(a,h)anthracene	27.121	278	3825433	41.492	ng	99
92) Benzo(g,h,i)perylene	28.032	276	3933806	41.132	ng	99

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

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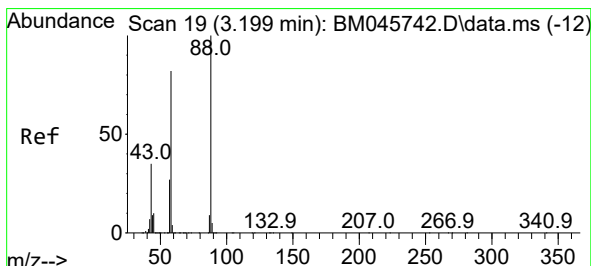
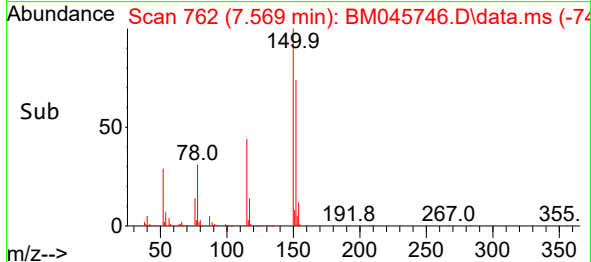
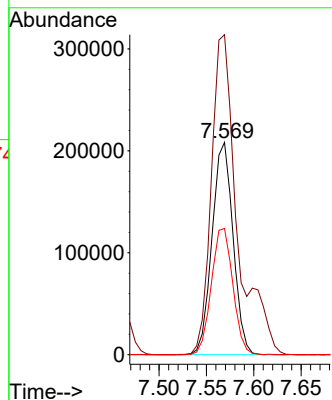
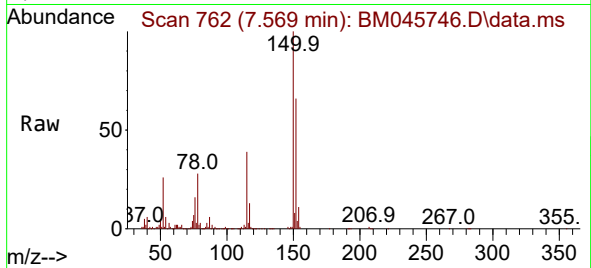




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 70
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

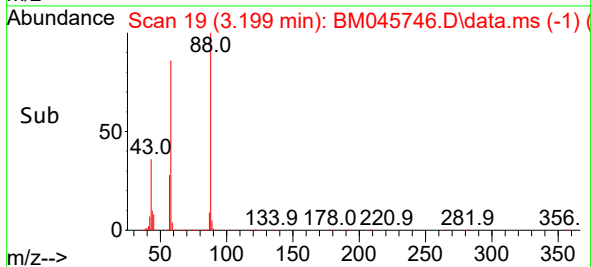
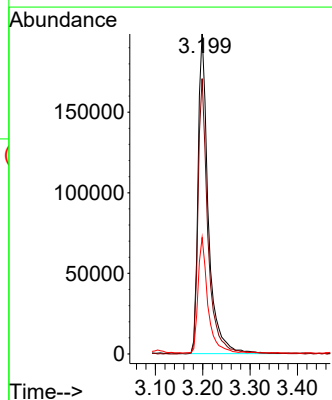
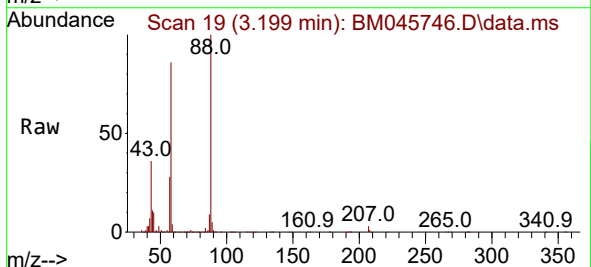
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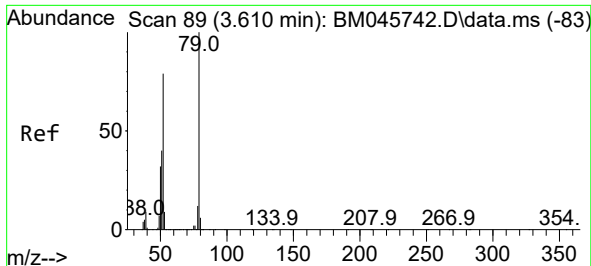
Tgt Ion:152 Resp: 321883
Ion Ratio Lower Upper
152 100
150 150.7 124.2 186.4
115 59.5 48.9 73.3



#2
1,4-Dioxane
Concen: 39.814 ng
RT: 3.199 min Scan# 19
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 88 Resp: 298353
Ion Ratio Lower Upper
88 100
58 83.7 67.0 100.6
43 34.4 28.4 42.6

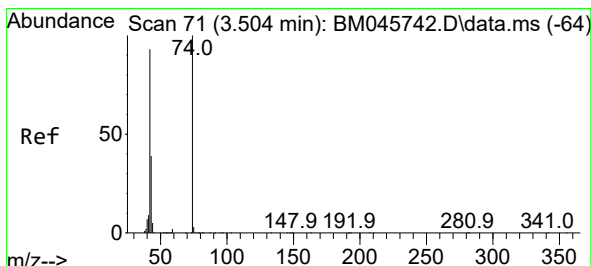
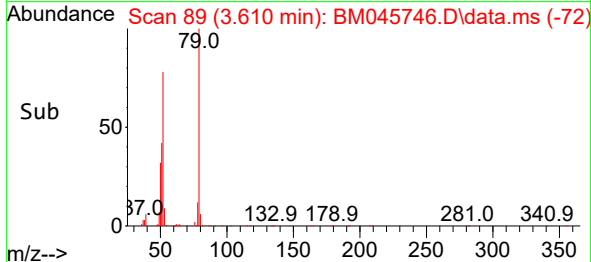
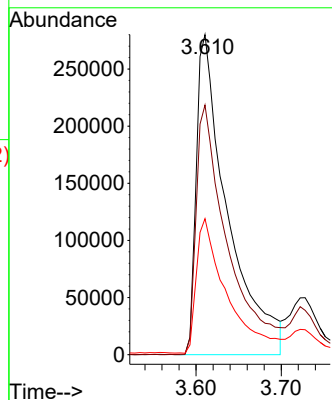
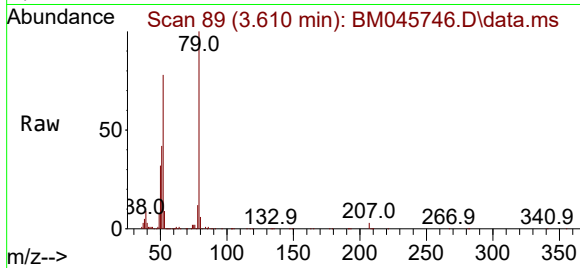




#3
 Pyridine
 Concen: 34.627 ng
 RT: 3.610 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BM045746.D
 Acq: 22 May 2024 17:23

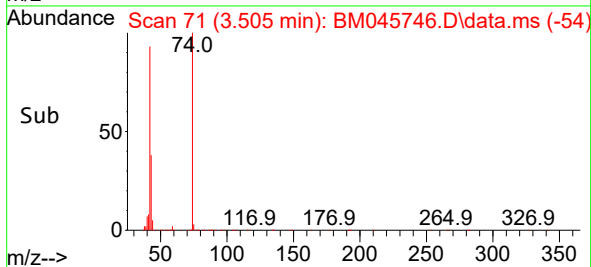
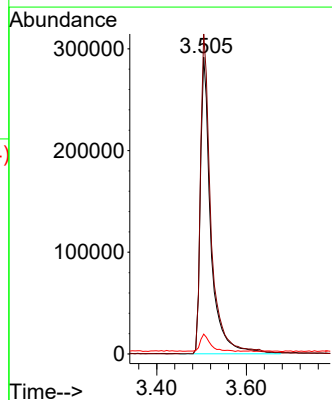
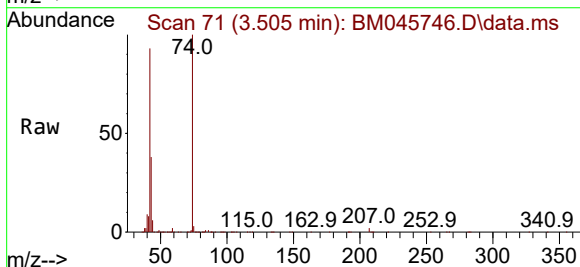
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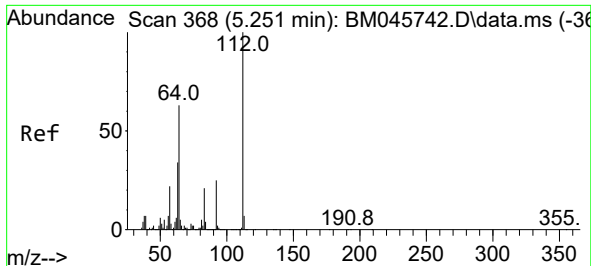
Tgt Ion: 79 Resp: 710737
 Ion Ratio Lower Upper
 79 100
 52 78.0 63.2 94.8
 51 42.5 32.1 48.1



#4
 n-Nitrosodimethylamine
 Concen: 40.689 ng
 RT: 3.505 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM045746.D
 Acq: 22 May 2024 17:23

Tgt Ion: 42 Resp: 471159
 Ion Ratio Lower Upper
 42 100
 74 107.8 85.7 128.5
 44 6.7 5.4 8.0

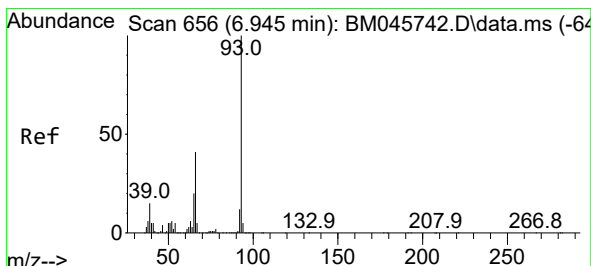
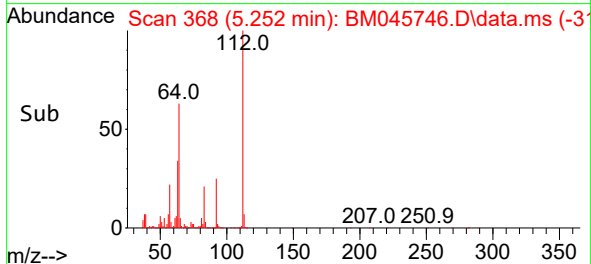
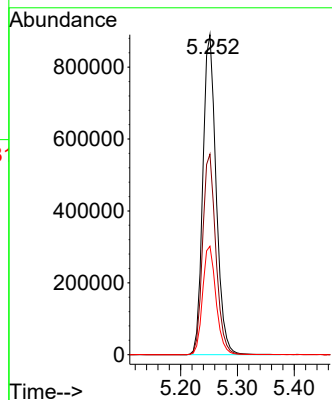
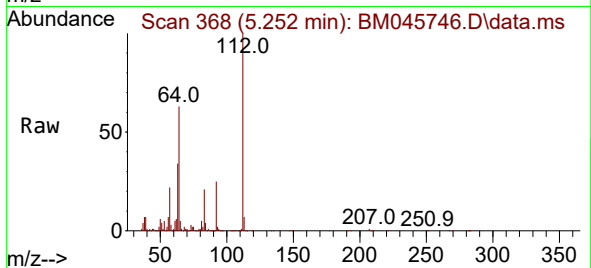




#5
2-Fluorophenol
Concen: 79.909 ng
RT: 5.252 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

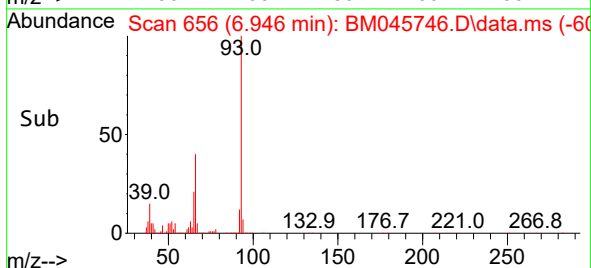
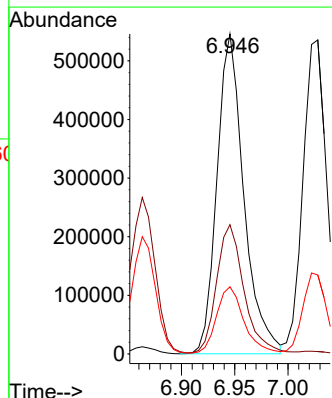
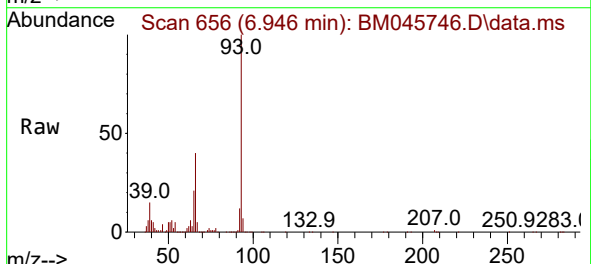
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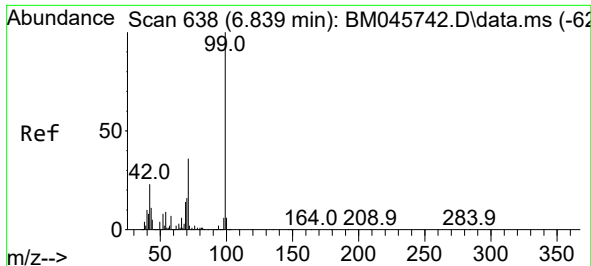
Tgt Ion:112 Resp: 1442683
Ion Ratio Lower Upper
112 100
64 62.7 50.1 75.1
63 33.9 27.3 40.9



#6
Aniline
Concen: 41.235 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 93 Resp: 955928
Ion Ratio Lower Upper
93 100
66 40.4 33.8 50.6
65 21.0 16.8 25.2

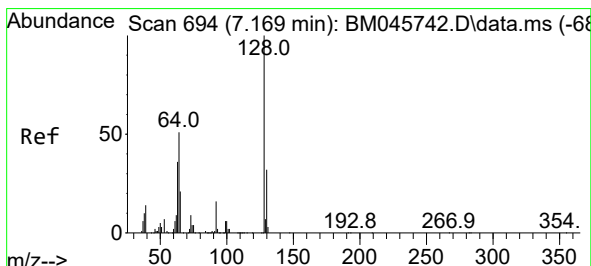
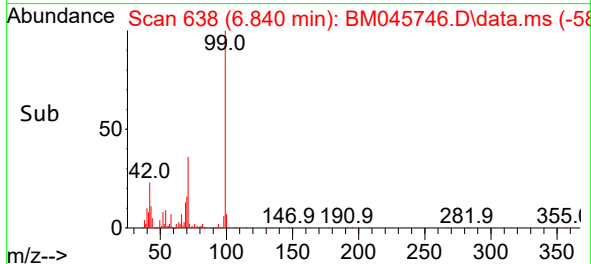
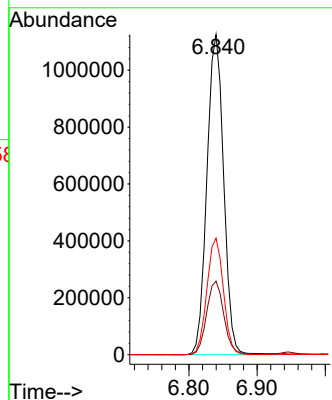
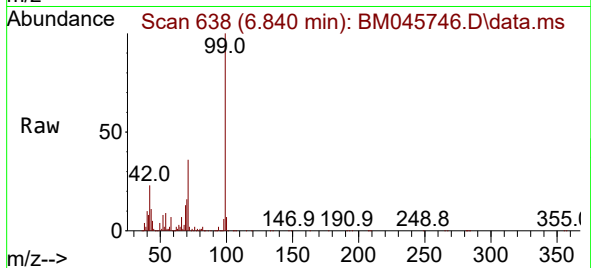




#7
Phenol-d6
Concen: 79.231 ng
RT: 6.840 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

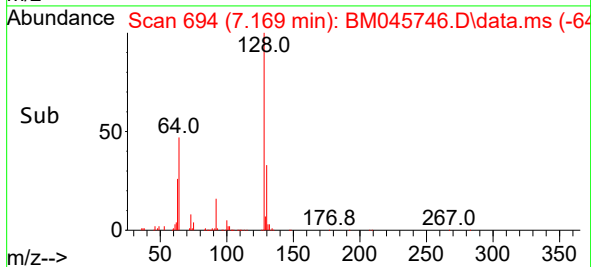
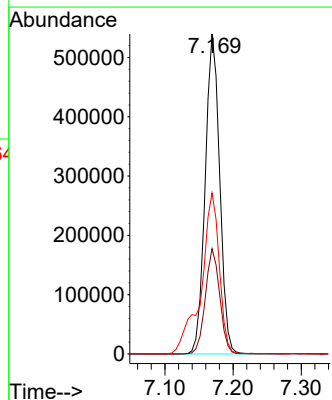
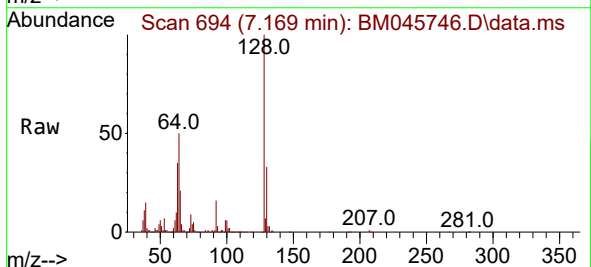
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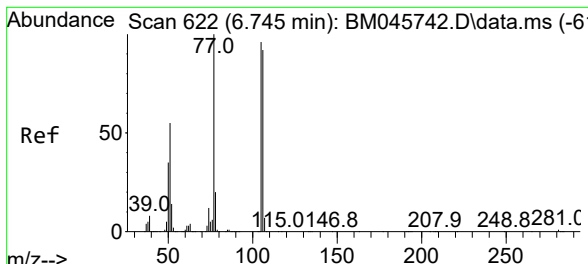
Tgt Ion: 99 Resp: 1920421
Ion Ratio Lower Upper
99 100
42 23.0 18.3 27.5
71 36.4 28.5 42.7



#8
2-Chlorophenol
Concen: 40.347 ng
RT: 7.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 128 Resp: 797774
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 50.3 32.2 72.2

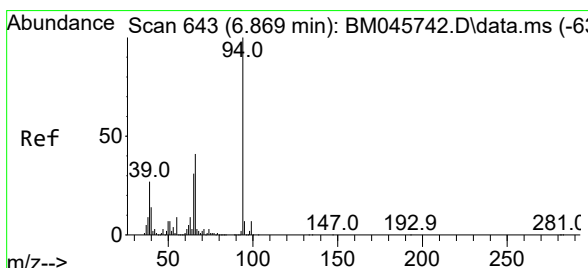
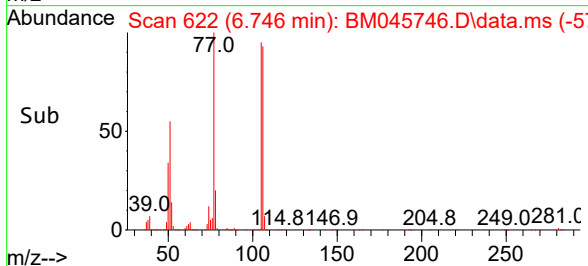
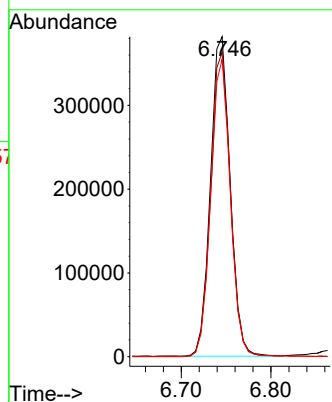
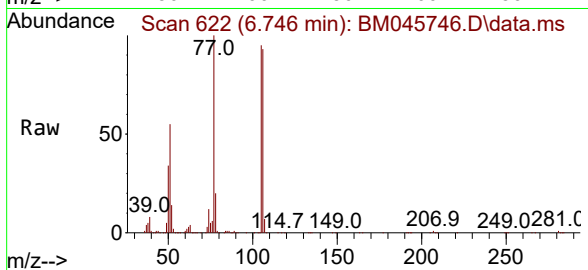




#9
Benzaldehyde
Concen: 39.354 ng
RT: 6.746 min Scan# 61
Delta R.T. 0.001 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

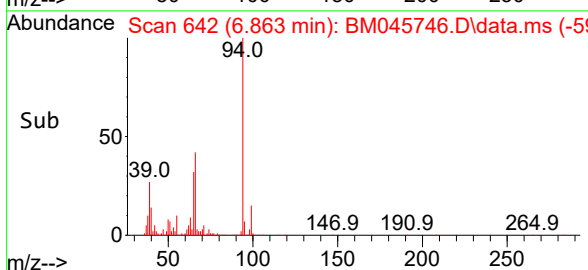
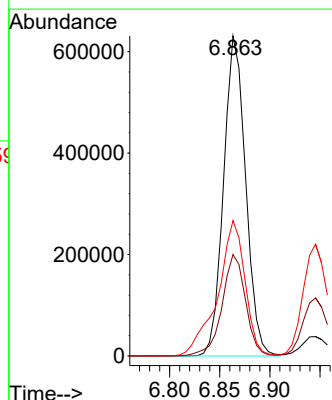
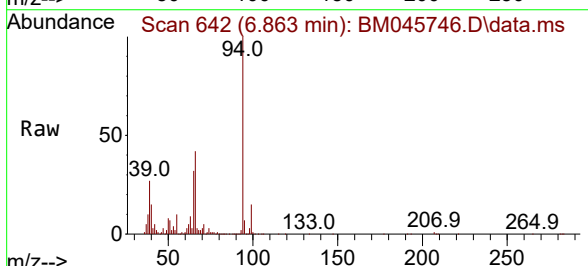
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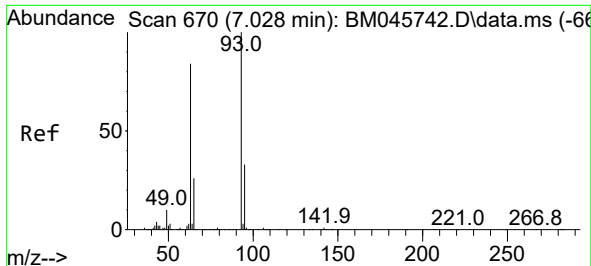
Tgt Ion: 77 Resp: 581083
Ion Ratio Lower Upper
77 100
105 95.1 75.6 115.6
106 92.9 72.1 112.1



#10
Phenol
Concen: 39.384 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 94 Resp: 964741
Ion Ratio Lower Upper
94 100
65 31.7 11.4 51.4
66 42.3 21.3 61.3

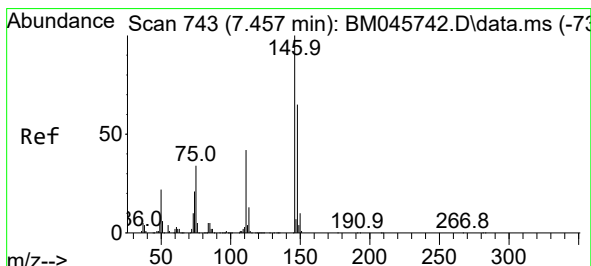
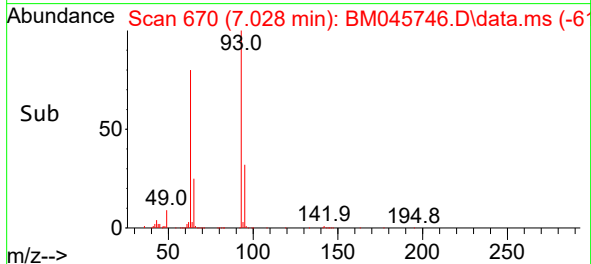
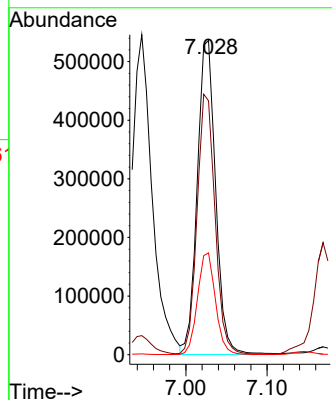
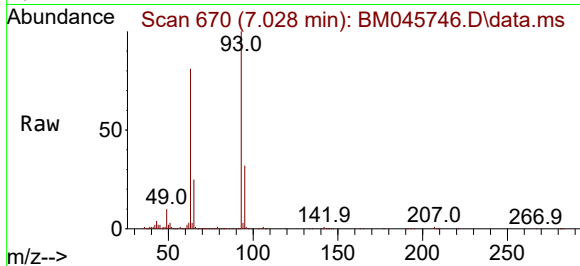




#11
bis(2-Chloroethyl)ether
Concen: 39.713 ng
RT: 7.028 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

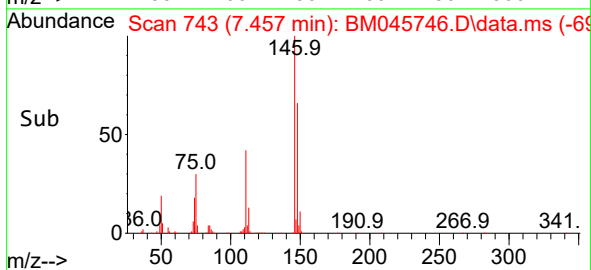
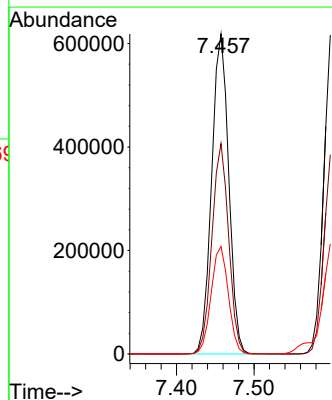
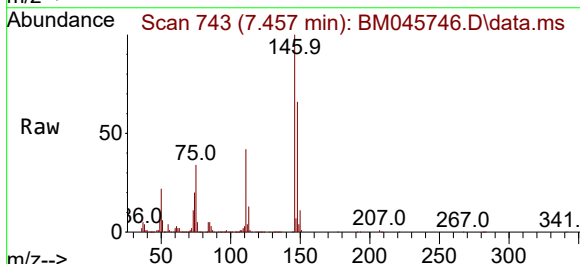
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

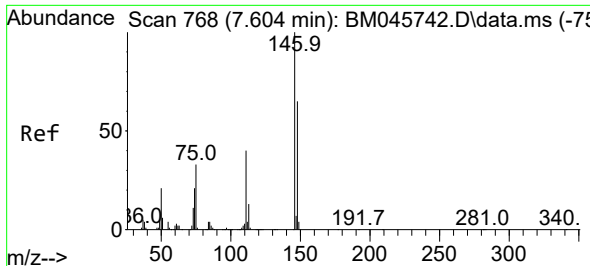
Tgt Ion: 93 Resp: 843114
Ion Ratio Lower Upper
93 100
63 80.9 62.3 102.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.087 ng
RT: 7.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 146 Resp: 944626
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.6
75 33.6 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 40.438 ng

RT: 7.598 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

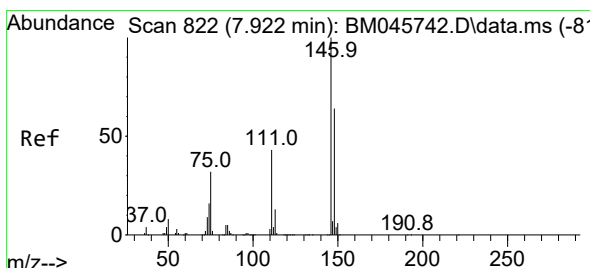
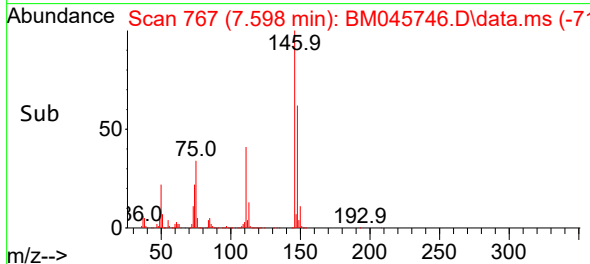
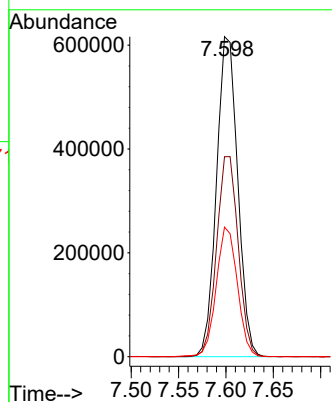
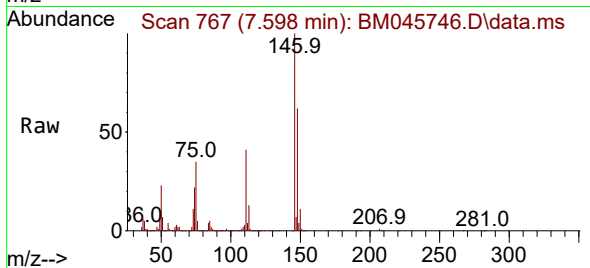
Tgt Ion:146 Resp: 960992

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.6

111 40.5 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 39.663 ng

RT: 7.922 min Scan# 822

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

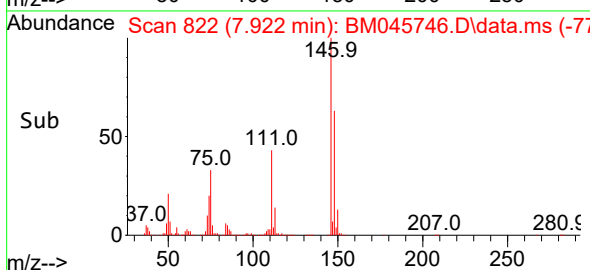
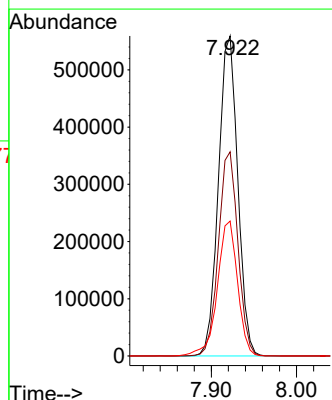
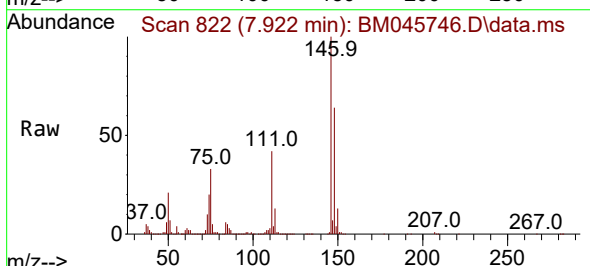
Tgt Ion:146 Resp: 880674

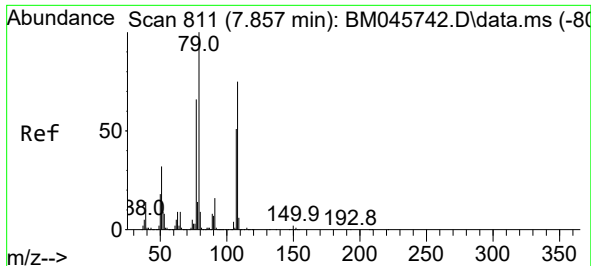
Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

111 42.1 34.4 51.6

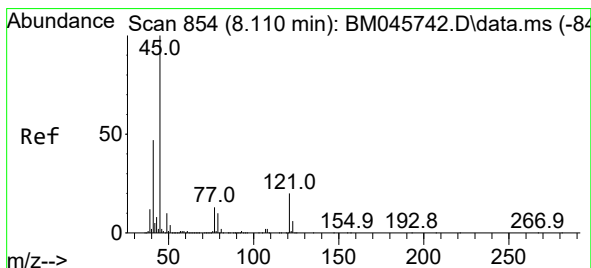
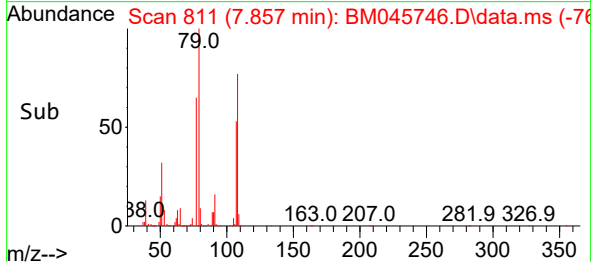
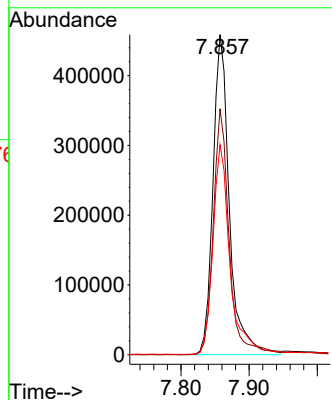
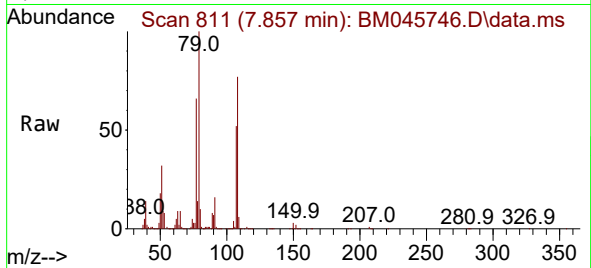




#15
Benzyl Alcohol
Concen: 40.558 ng
RT: 7.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

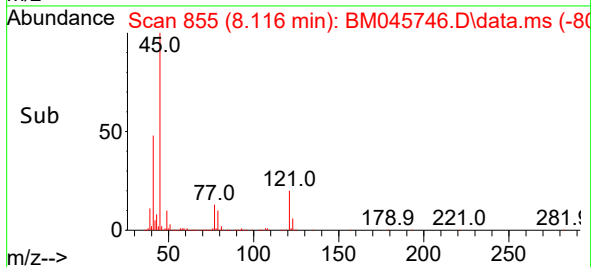
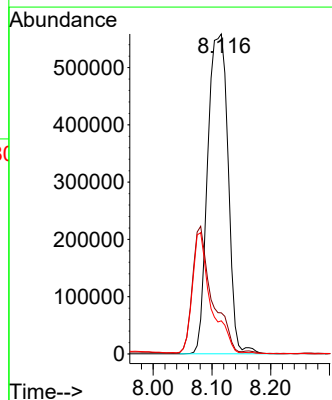
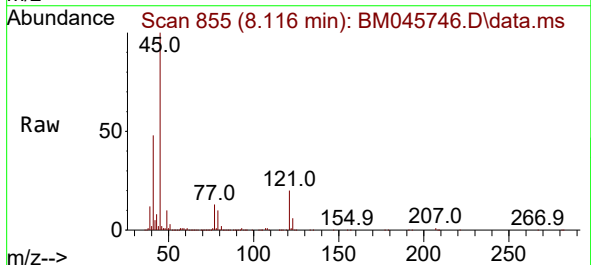
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

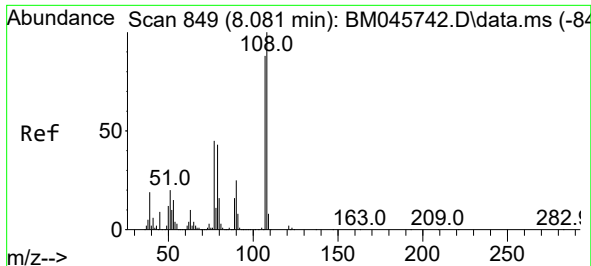
Tgt Ion: 79 Resp: 767697
Ion Ratio Lower Upper
79 100
108 76.9 59.8 89.6
77 65.6 52.6 79.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.755 ng
RT: 8.116 min Scan# 855
Delta R.T. 0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 45 Resp: 1342863
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.4
79 10.3 0.0 30.5

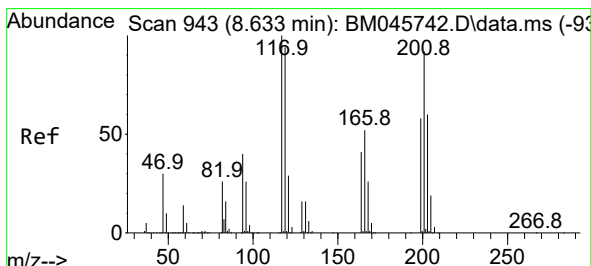
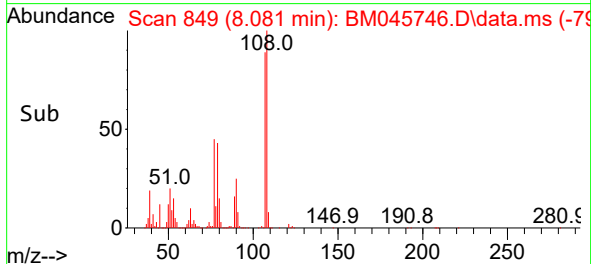
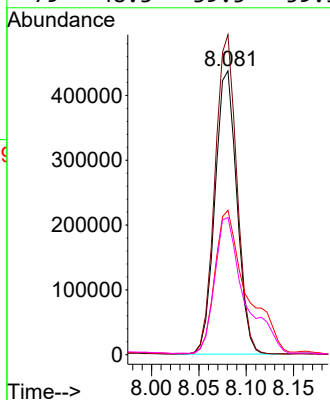
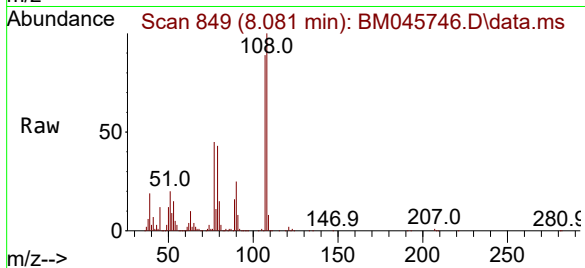




#17
2-Methylphenol
Concen: 41.503 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

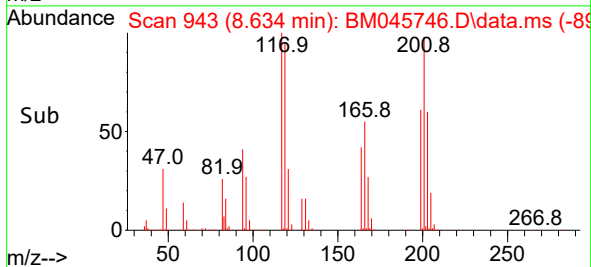
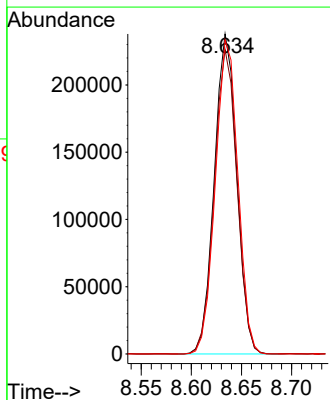
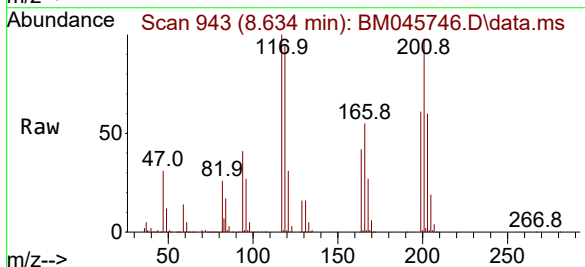
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

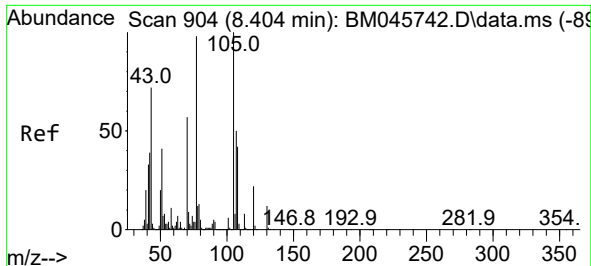
Tgt Ion:	107	Resp:	704734
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.4	137.2
77	50.9	41.1	61.7
79	48.3	39.5	59.3



#18
Hexachloroethane
Concen: 40.261 ng
RT: 8.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:	117	Resp:	371406
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.1	112.7
201	98.1	73.5	110.3

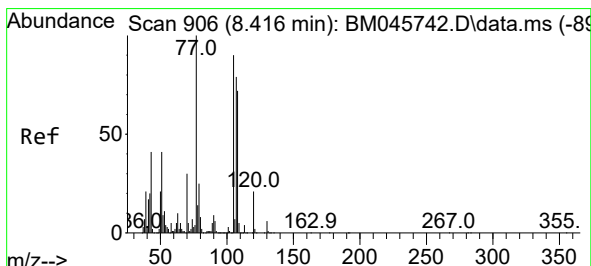
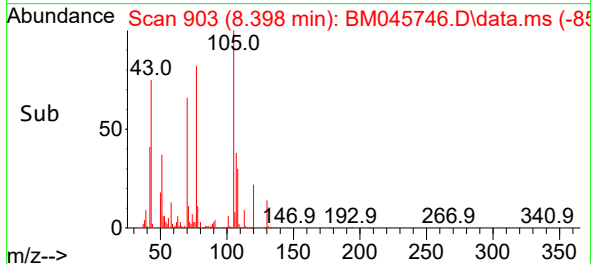
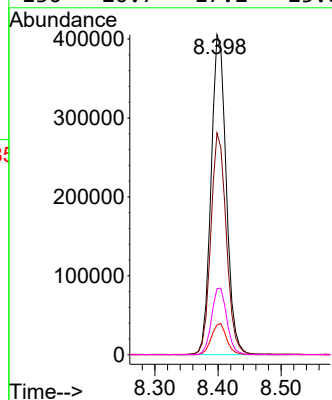
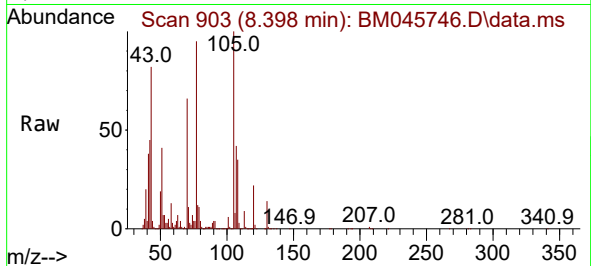




#19
n-Nitroso-di-n-propylamine
Concen: 39.690 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

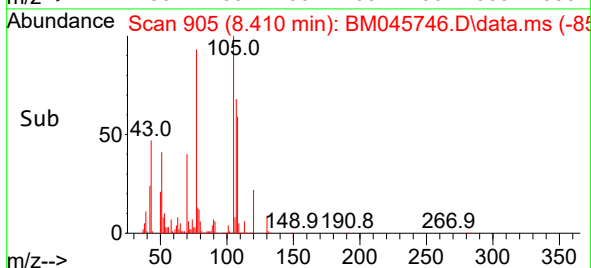
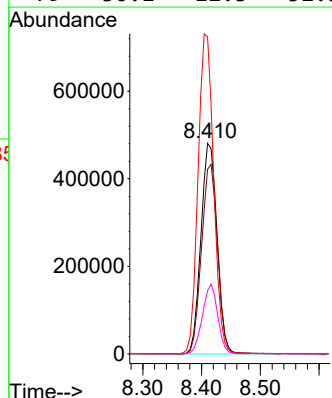
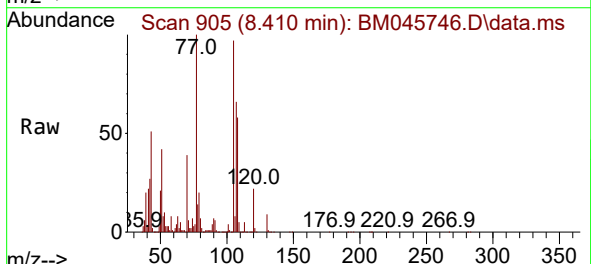
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

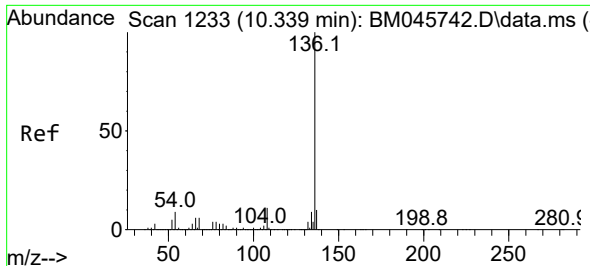
Tgt Ion: 70 Resp: 676356
Ion Ratio Lower Upper
70 100
42 69.2 55.8 83.6
101 9.3 7.8 11.6
130 20.7 17.2 25.8



#20
3+4-Methylphenols
Concen: 40.592 ng
RT: 8.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 107 Resp: 917836
Ion Ratio Lower Upper
107 100
108 87.6 71.2 111.2
77 150.4 106.9 146.9#
79 30.1 12.3 52.3



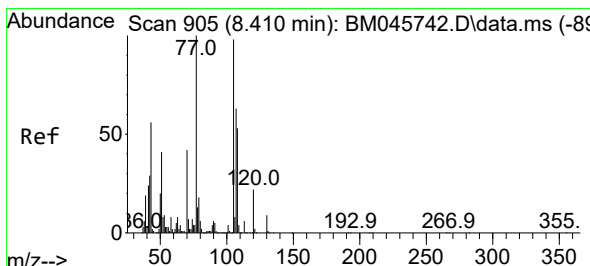
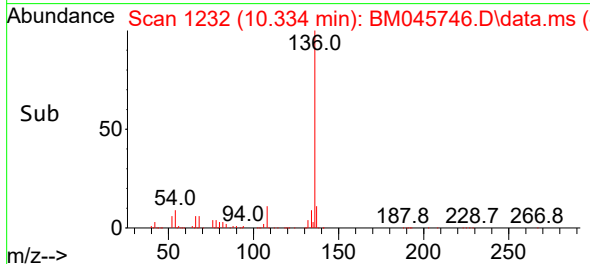
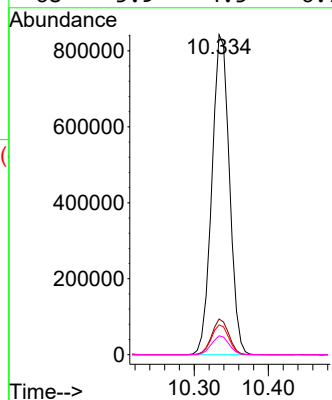
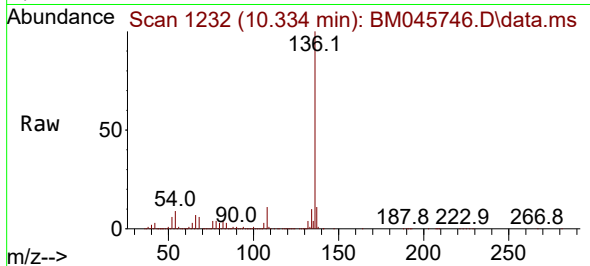


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Instrument :
BNA_M
ClientSampleId :
ICVBM052224

Tgt Ion:136 Resp: 1381606

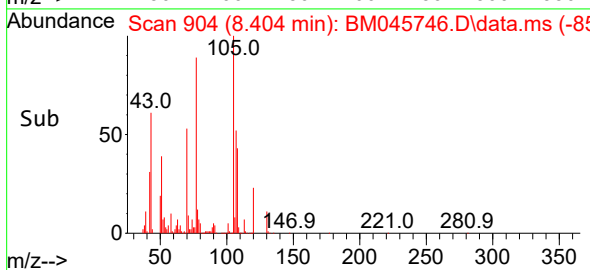
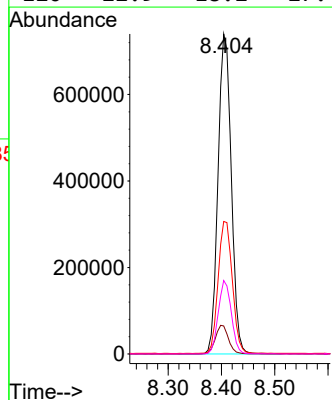
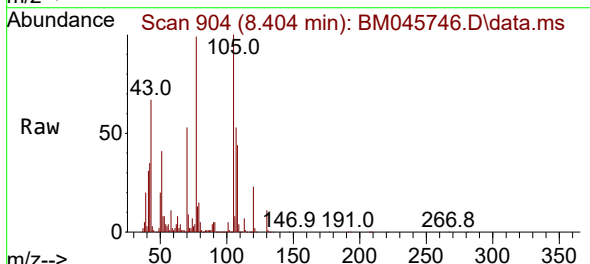
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	9.3	7.5	11.3
68	5.9	4.5	6.7

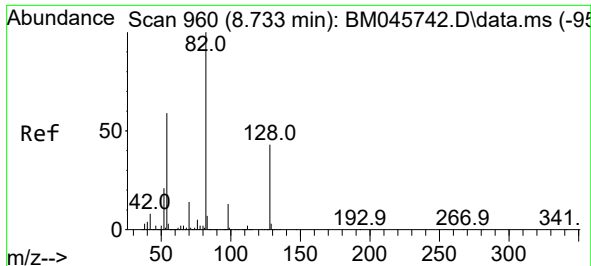


#22
Acetophenone
Concen: 39.929 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:105 Resp: 1275873

Ion	Ratio	Lower	Upper
105	100		
71	8.7	5.7	8.5#
51	41.4	33.8	50.6
120	22.9	18.2	27.4





#23

Nitrobenzene-d5

Concen: 83.610 ng

RT: 8.734 min Scan# 960

Delta R.T. 0.001 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

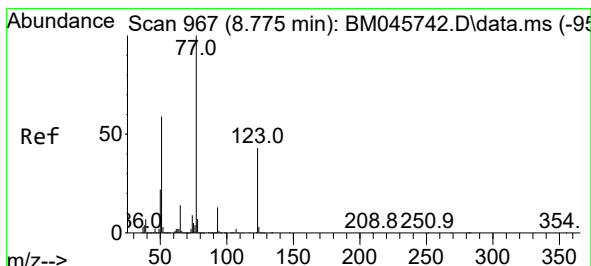
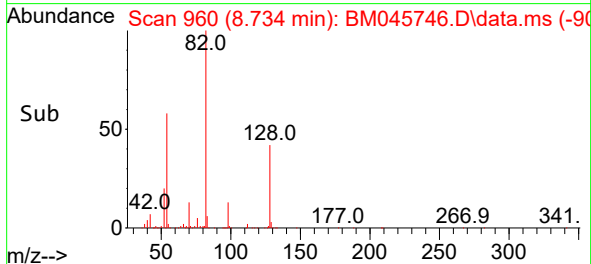
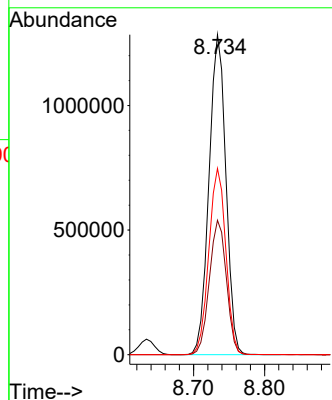
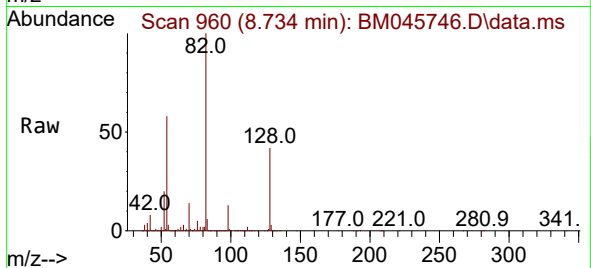
BNA_M

ClientSampleId :

ICVBM052224

Tgt Ion: 82 Resp: 2123560

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.2	51.4
54	58.2	47.3	70.9



#24

Nitrobenzene

Concen: 41.963 ng

RT: 8.775 min Scan# 967

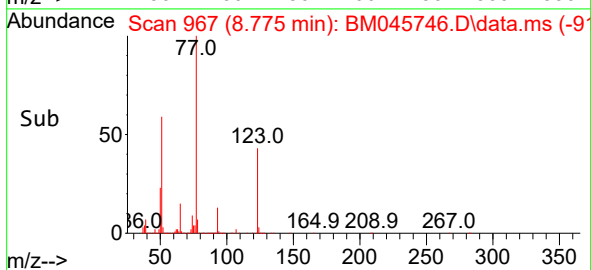
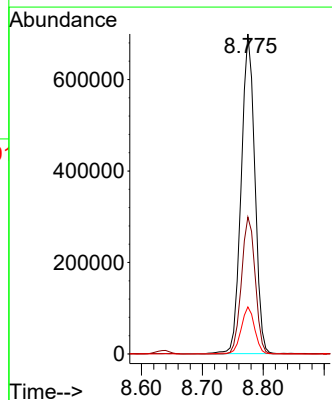
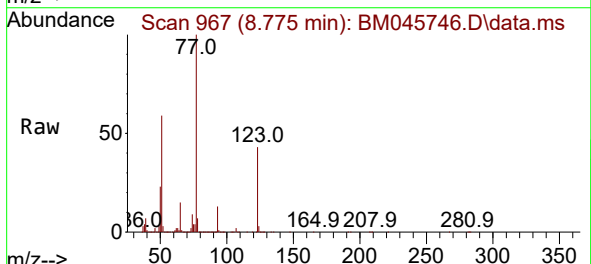
Delta R.T. 0.000 min

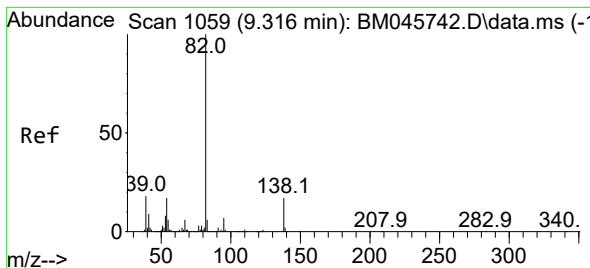
Lab File: BM045746.D

Acq: 22 May 2024 17:23

Tgt Ion: 77 Resp: 1083984

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.1	51.1
65	14.7	11.2	16.8





#25

Isophorone

Concen: 41.180 ng

RT: 9.316 min Scan# 1059

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

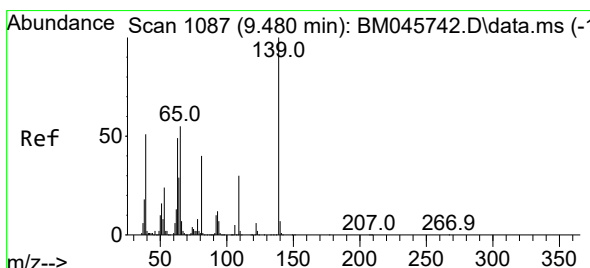
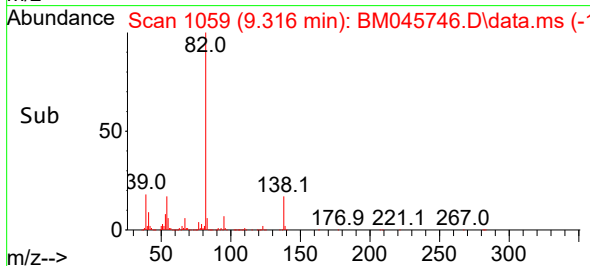
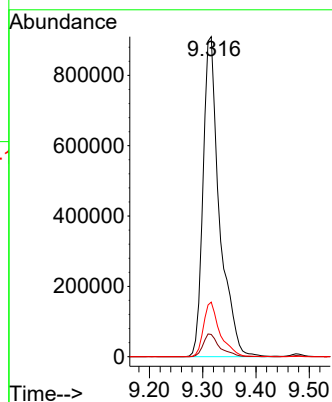
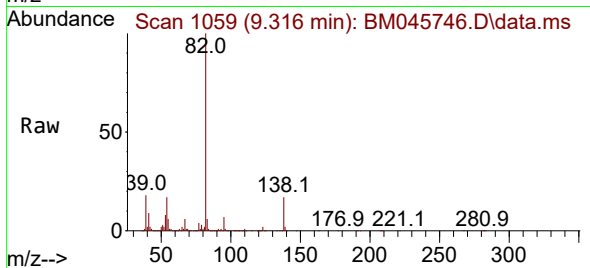
Tgt Ion: 82 Resp: 1946931

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 17.0 13.8 20.8



#26

2-Nitrophenol

Concen: 41.736 ng

RT: 9.481 min Scan# 1087

Delta R.T. 0.001 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

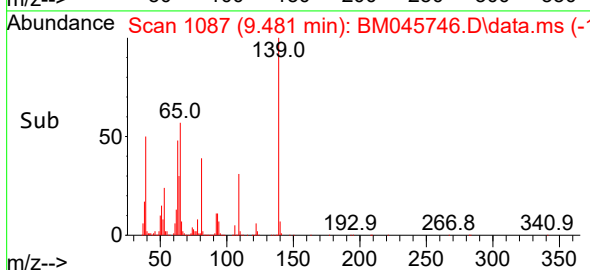
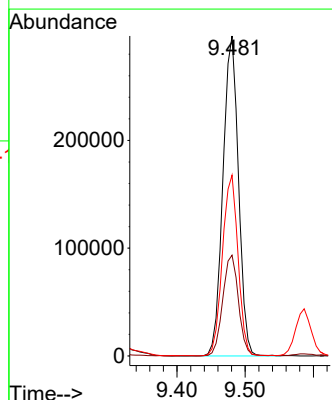
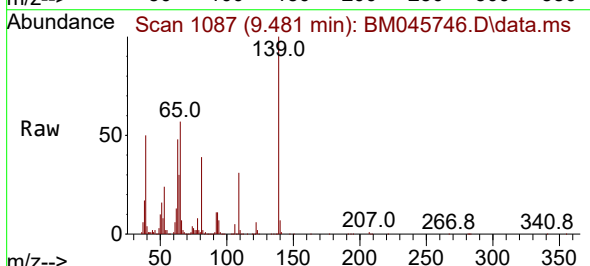
Tgt Ion:139 Resp: 470895

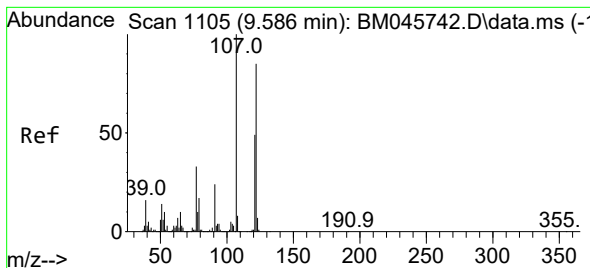
Ion Ratio Lower Upper

139 100

109 31.5 24.4 36.6

65 56.5 44.5 66.7

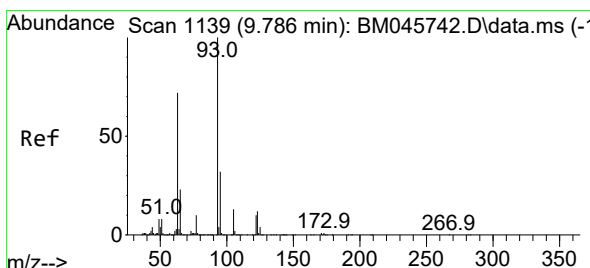
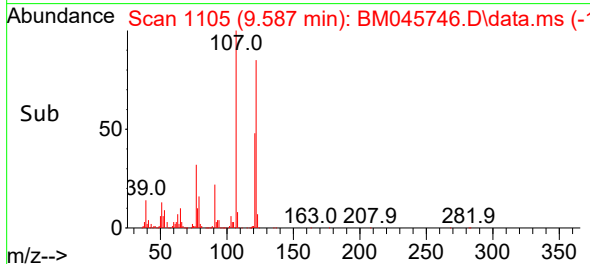
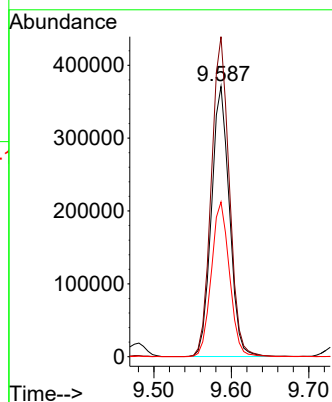
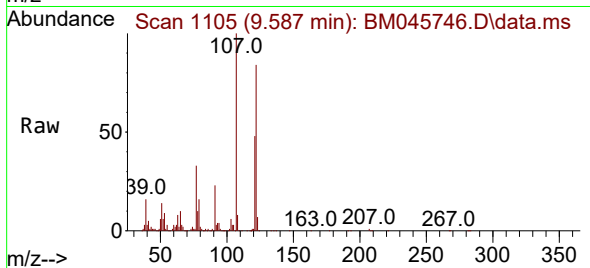




#27
2,4-Dimethylphenol
Concen: 41.390 ng
RT: 9.587 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

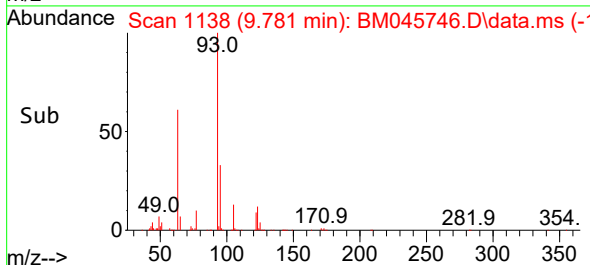
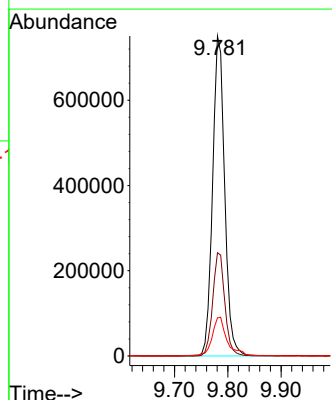
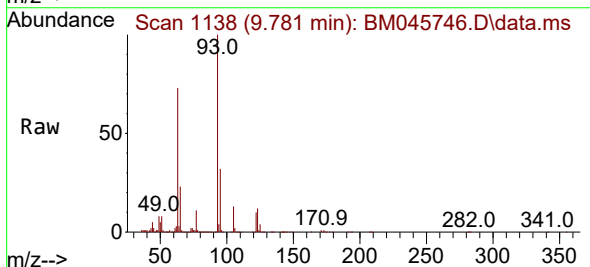
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

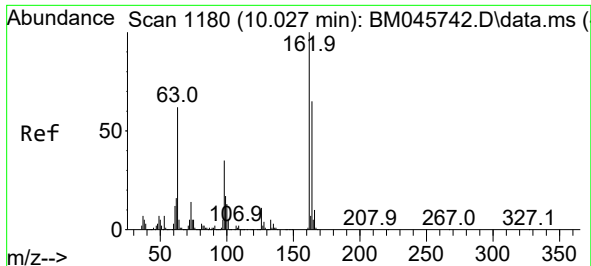
Tgt Ion:122 Resp: 596858
Ion Ratio Lower Upper
122 100
107 118.4 93.9 140.9
121 57.2 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.690 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 93 Resp: 1184535
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 11.9 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 42.660 ng

RT: 10.028 min Scan# 1180

Delta R.T. 0.001 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

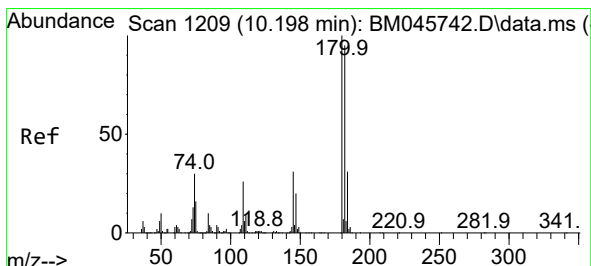
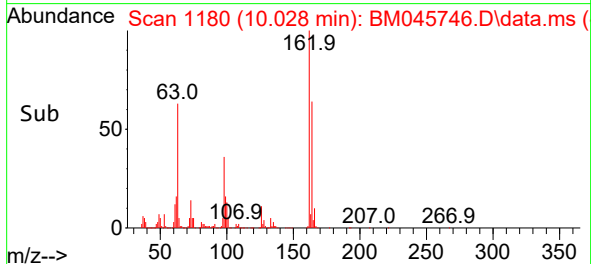
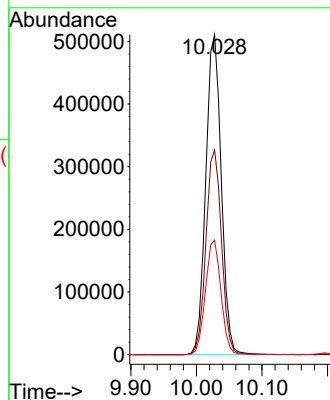
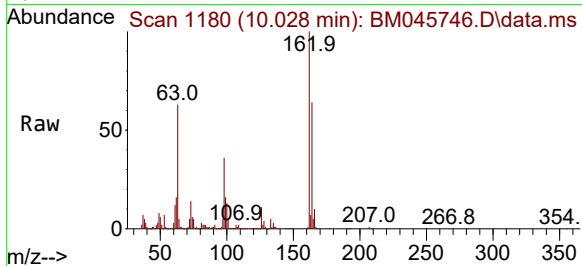
Tgt Ion:162 Resp: 841245

Ion Ratio Lower Upper

162 100

164 64.0 45.4 85.4

98 35.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.374 ng

RT: 10.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

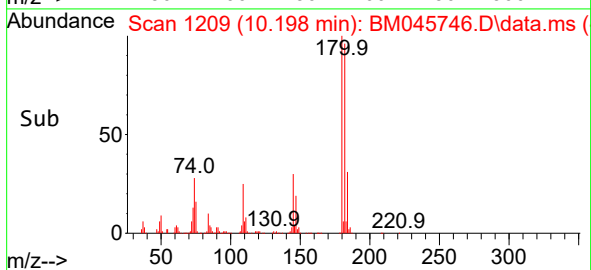
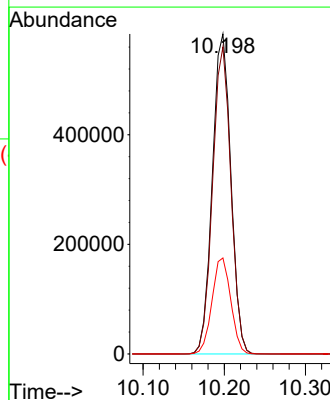
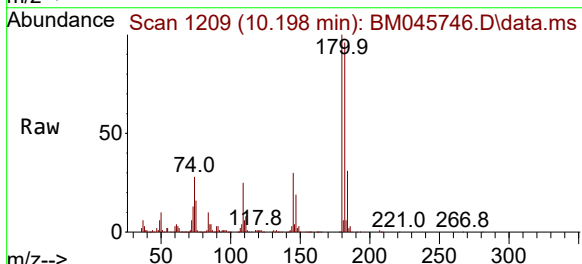
Tgt Ion:180 Resp: 923869

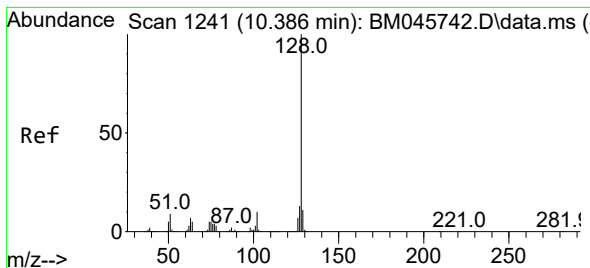
Ion Ratio Lower Upper

180 100

182 96.0 76.0 114.0

145 30.0 24.6 37.0

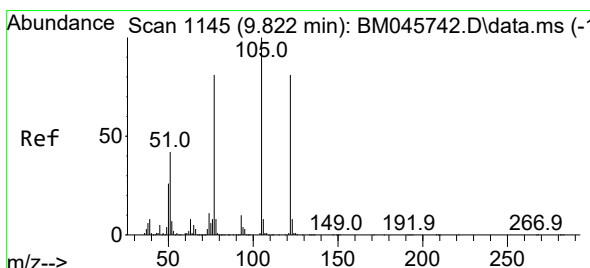
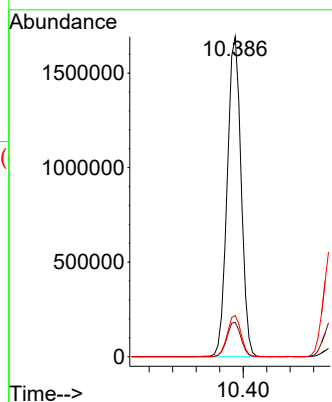
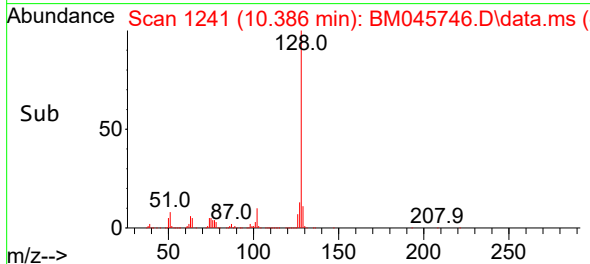
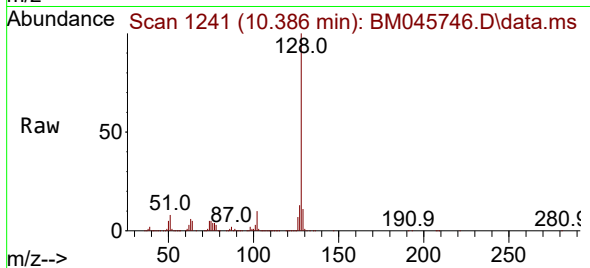




#31
Naphthalene
Concen: 40.388 ng
RT: 10.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

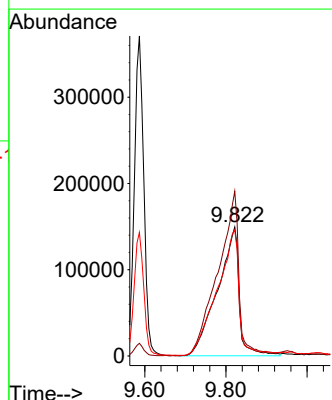
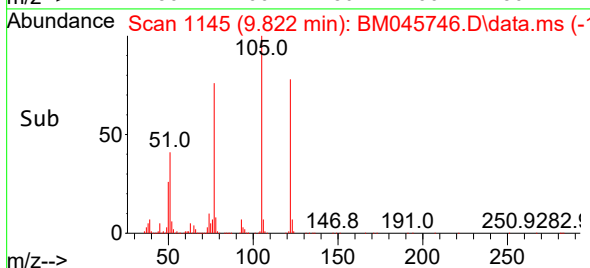
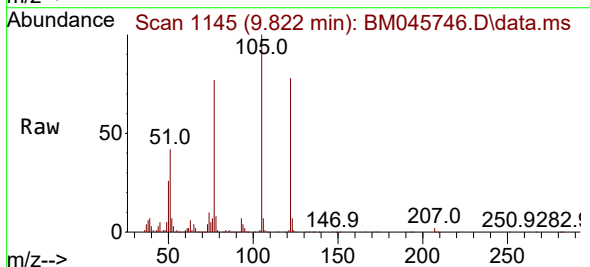
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

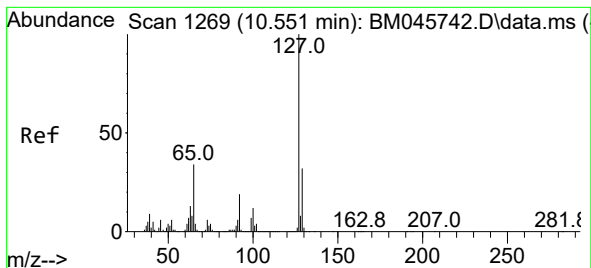
Tgt Ion:128 Resp: 2764490
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.8 10.2 15.2



#32
Benzoic acid
Concen: 41.695 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:122 Resp: 554436
Ion Ratio Lower Upper
122 100
105 127.7 103.0 143.0
77 97.8 79.9 119.9



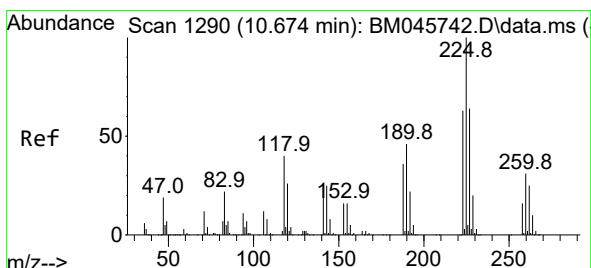
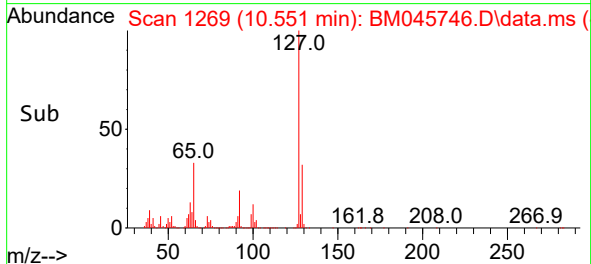
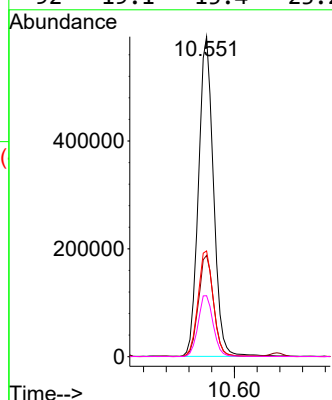
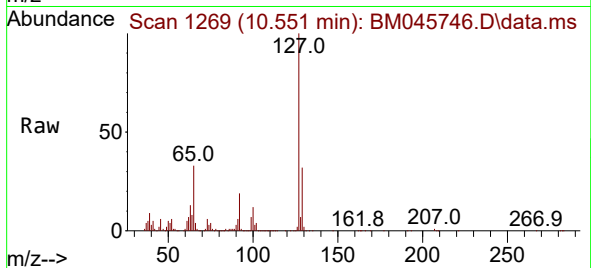


#33
4-Chloroaniline
Concen: 41.564 ng
RT: 10.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Instrument :
BNA_M
ClientSampleId :
ICVBM052224

Tgt Ion:127 Resp: 1086021

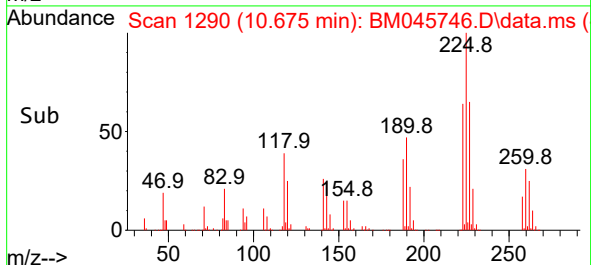
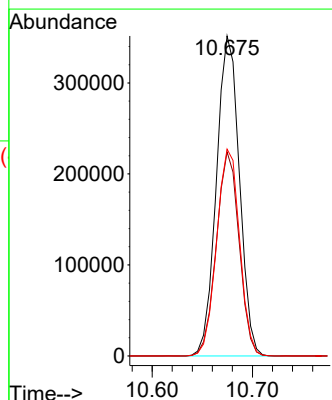
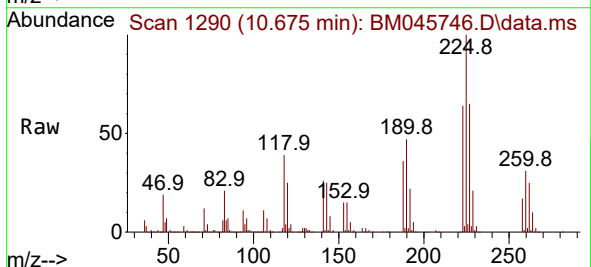
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	33.1	27.3	40.9
92	19.1	15.4	23.2

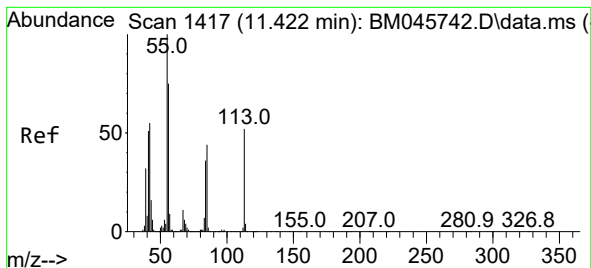


#34
Hexachlorobutadiene
Concen: 40.873 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:225 Resp: 559556

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.5	75.7
227	64.6	51.0	76.6

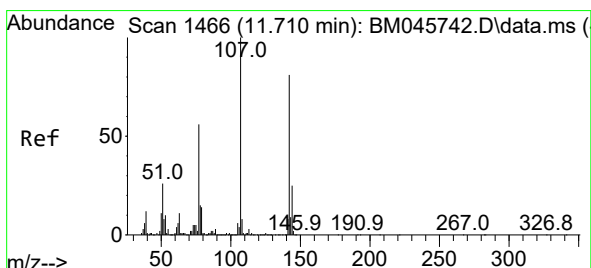
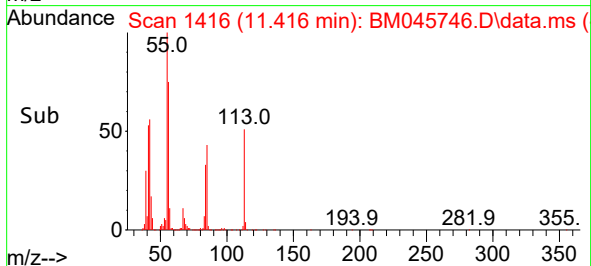
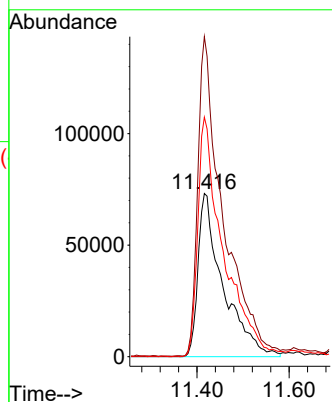
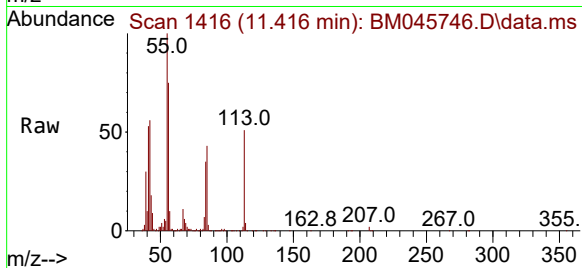




#35
Caprolactam
Concen: 43.176 ng
RT: 11.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

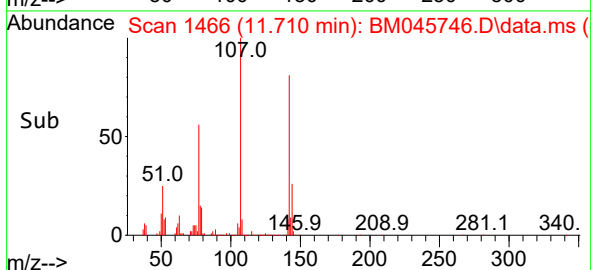
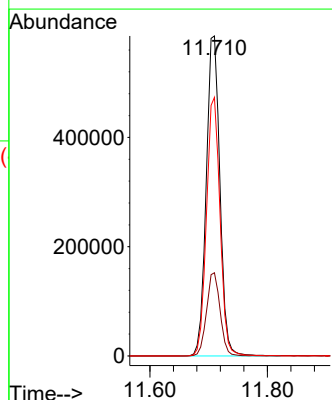
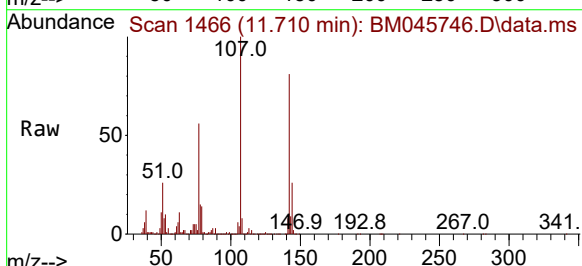
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

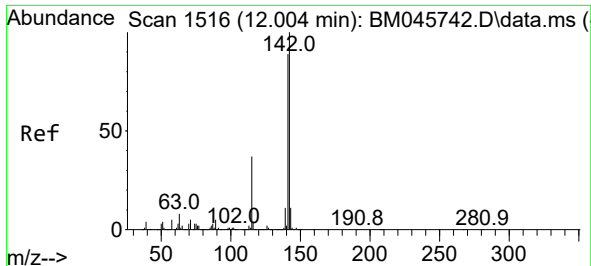
Tgt Ion:113 Resp: 275365
Ion Ratio Lower Upper
113 100
55 196.0 171.1 211.1
56 146.7 123.3 163.3



#36
4-Chloro-3-methylphenol
Concen: 42.023 ng
RT: 11.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:107 Resp: 942294
Ion Ratio Lower Upper
107 100
144 26.0 20.4 30.6
142 80.8 64.7 97.1

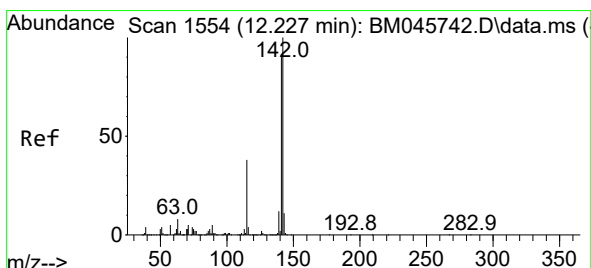
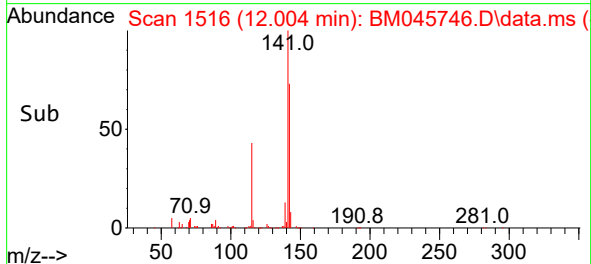
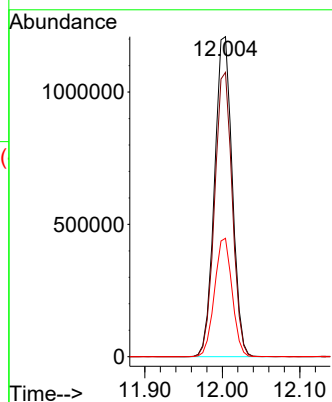
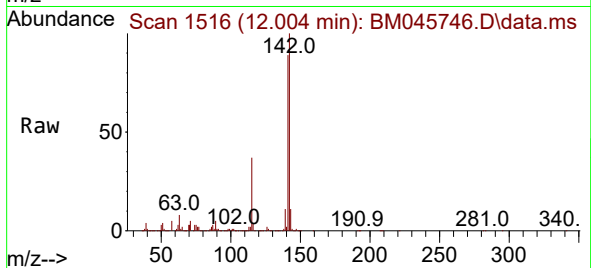




#37
2-Methylnaphthalene
Concen: 40.346 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

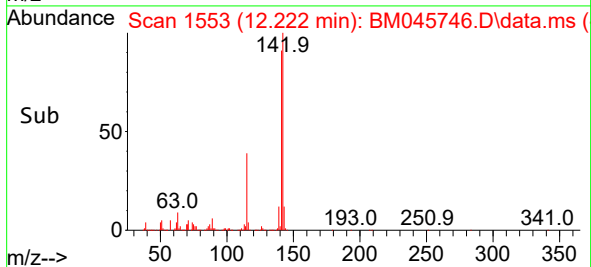
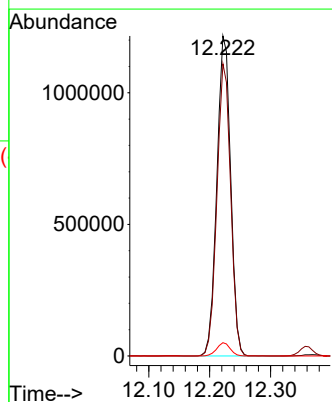
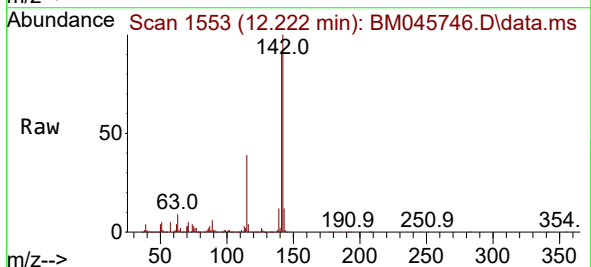
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

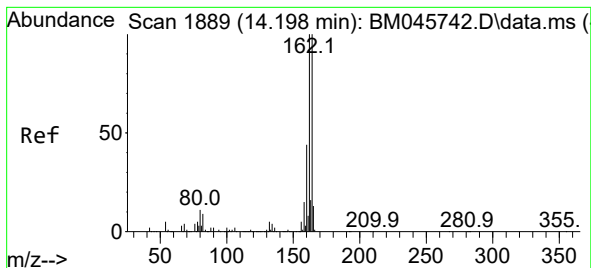
Tgt Ion:142 Resp: 1923663
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7
115 37.0 29.4 44.0



#38
1-Methylnaphthalene
Concen: 40.485 ng
RT: 12.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:142 Resp: 1904509
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

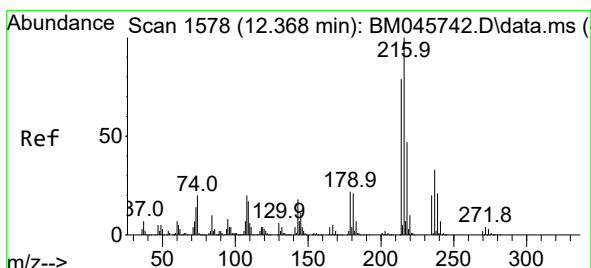
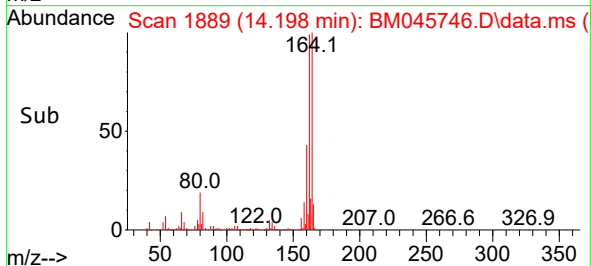
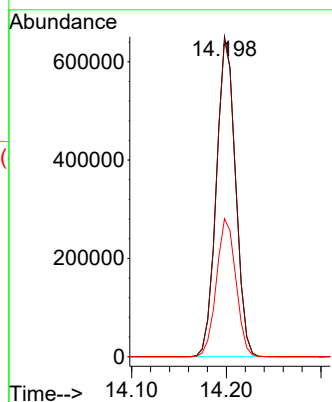
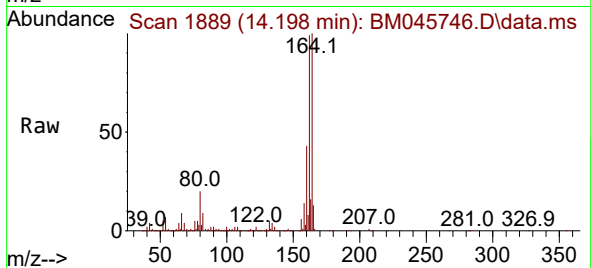
Tgt Ion:164 Resp: 912753

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 43.1 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.949 ng

RT: 12.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Tgt Ion:216 Resp: 963896

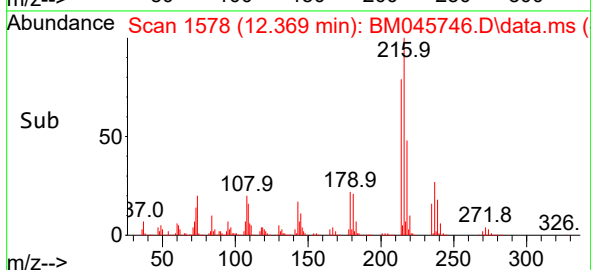
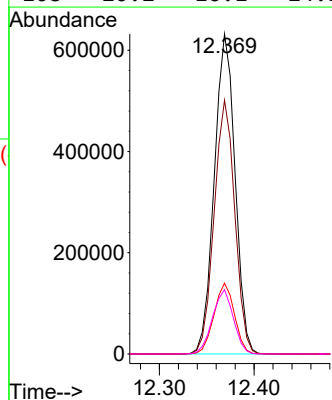
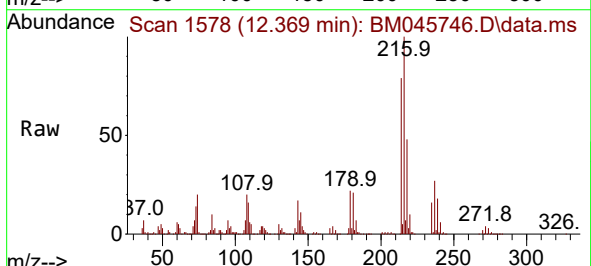
Ion Ratio Lower Upper

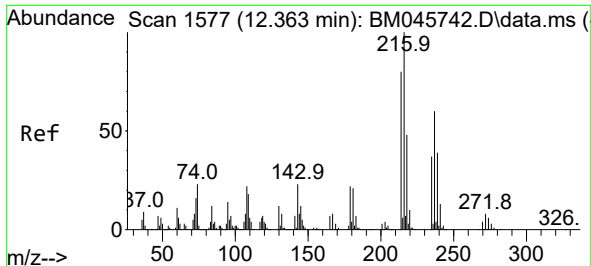
216 100

214 78.8 62.6 94.0

179 21.8 17.4 26.2

108 20.2 16.1 24.1

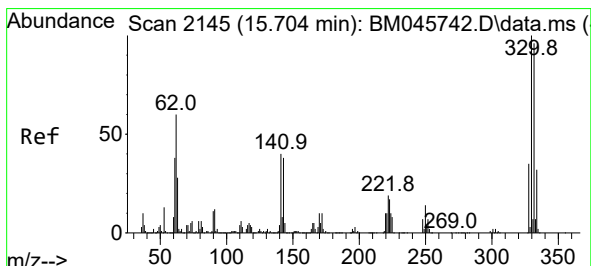
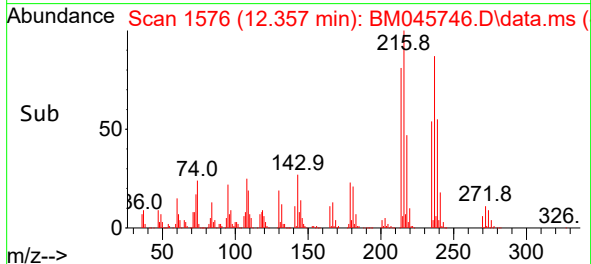
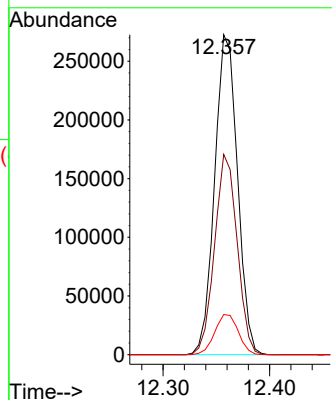
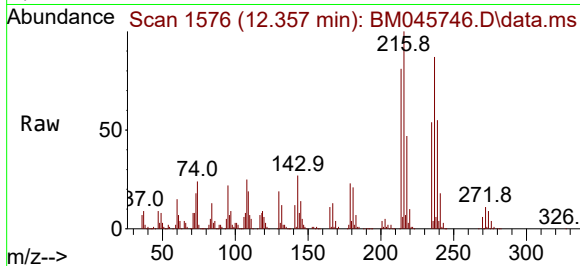




#41
Hexachlorocyclopentadiene
Concen: 41.172 ng
RT: 12.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

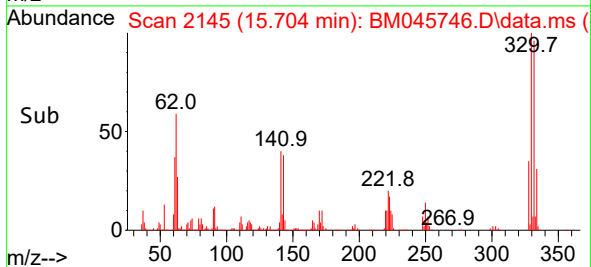
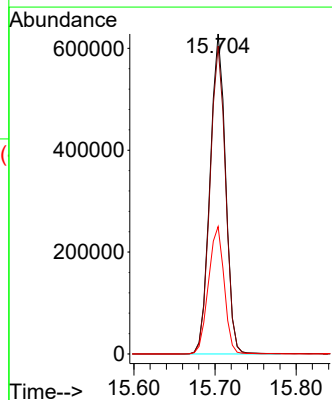
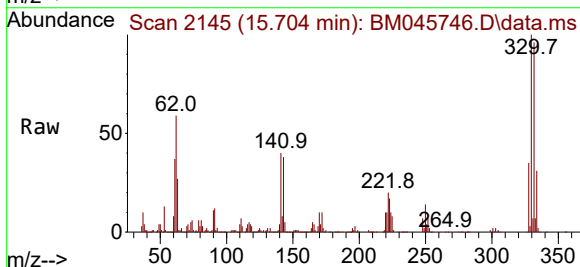
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

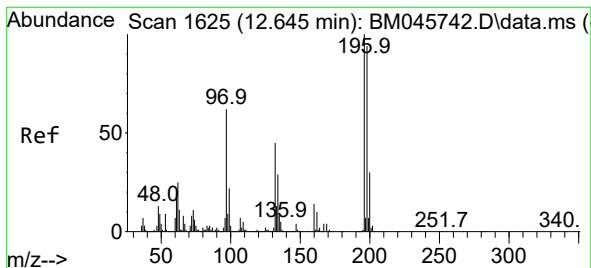
Tgt Ion:237 Resp: 405626
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 12.6 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 86.471 ng
RT: 15.704 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:330 Resp: 835972
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 40.2 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 42.966 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

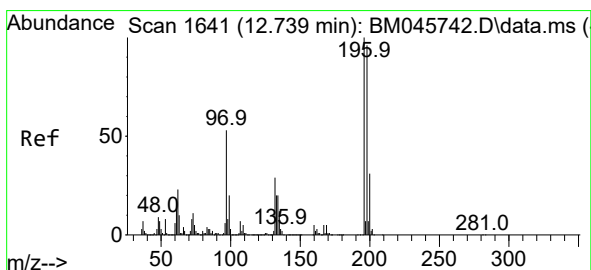
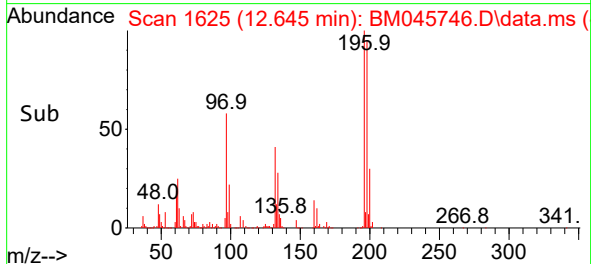
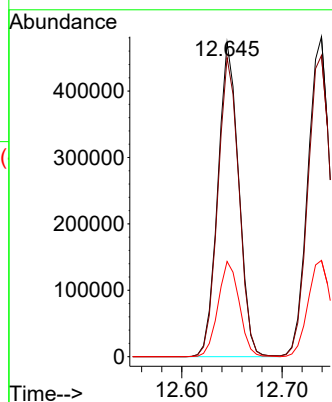
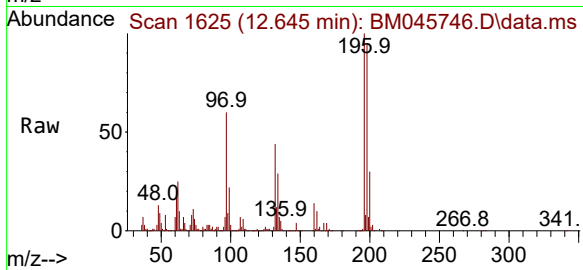
Tgt Ion:196 Resp: 682567

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

200 30.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 42.736 ng

RT: 12.739 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Tgt Ion:196 Resp: 755610

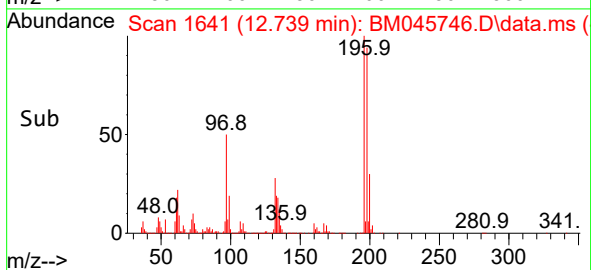
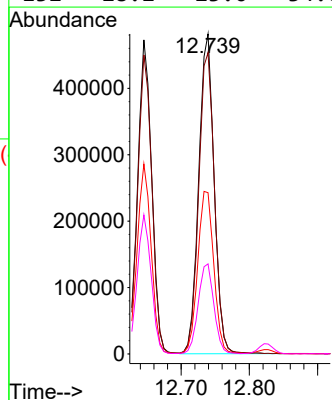
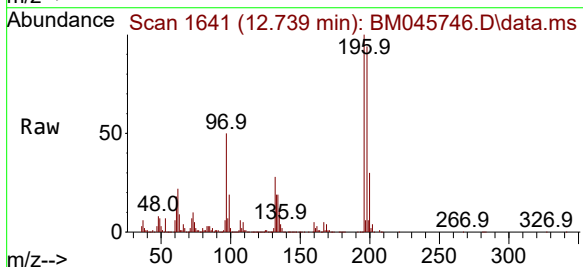
Ion Ratio Lower Upper

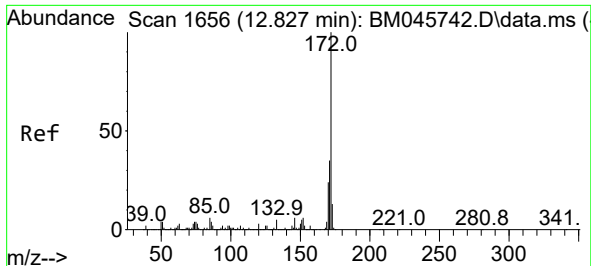
196 100

198 94.2 77.2 115.8

97 50.4 42.6 64.0

132 28.2 23.0 34.6

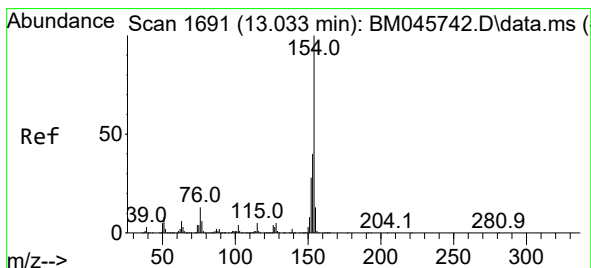
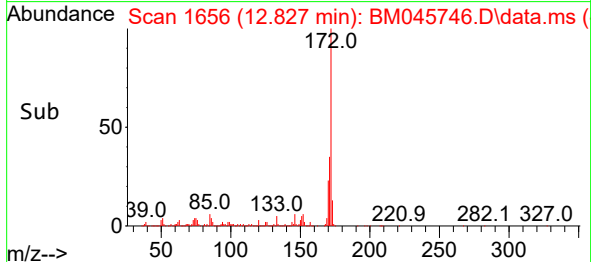
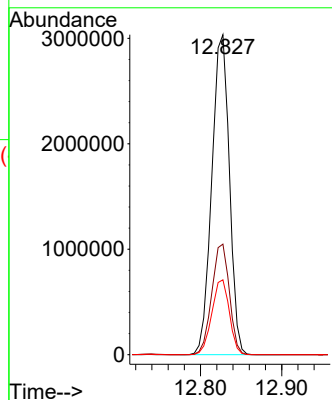
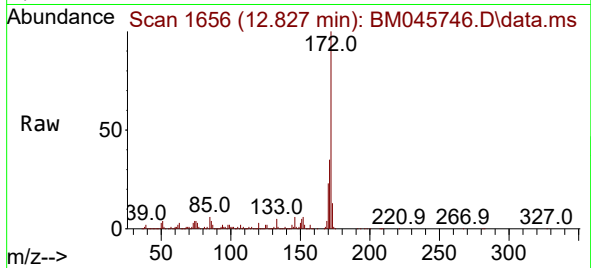




#45
2-Fluorobiphenyl
Concen: 80.297 ng
RT: 12.827 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

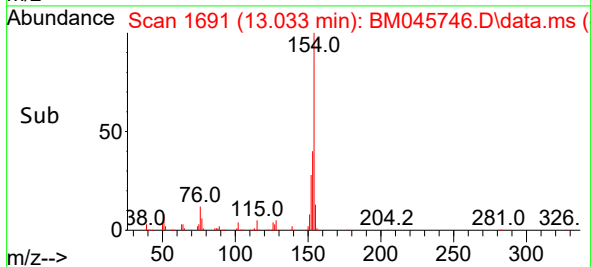
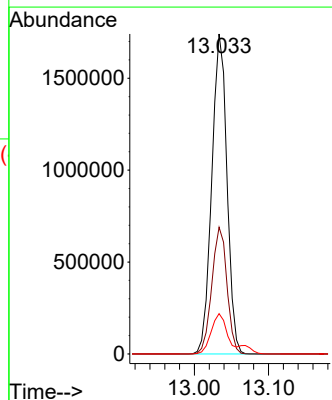
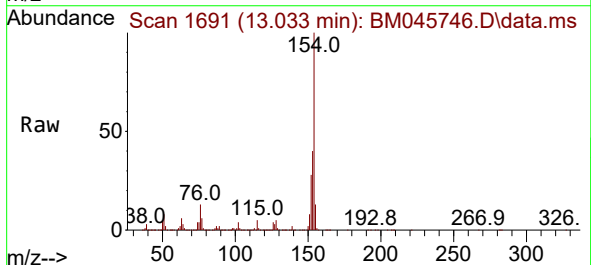
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

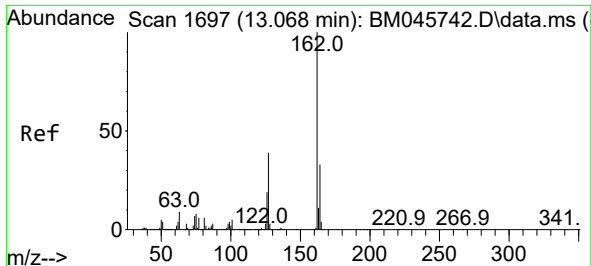
Tgt Ion:172 Resp: 4560134
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 40.194 ng
RT: 13.033 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:154 Resp: 2472978
Ion Ratio Lower Upper
154 100
153 39.6 19.8 59.8
76 12.6 0.0 33.0

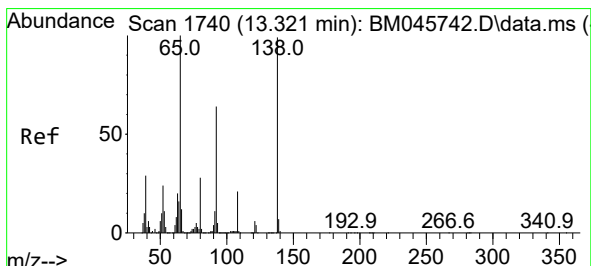
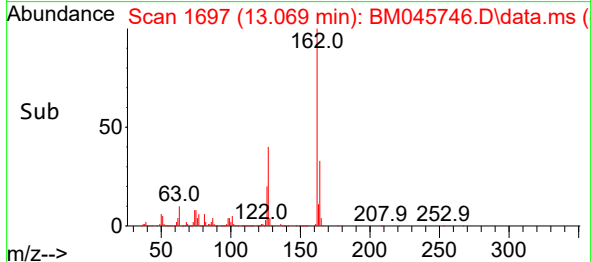
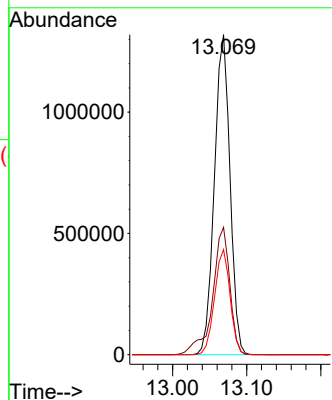
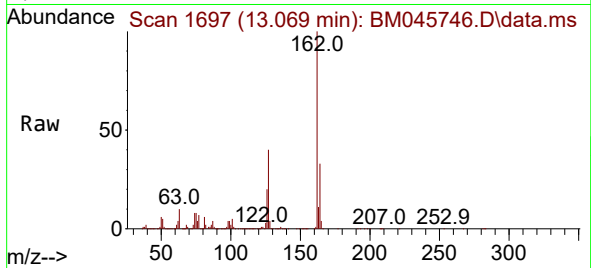




#47
2-Chloronaphthalene
Concen: 40.029 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

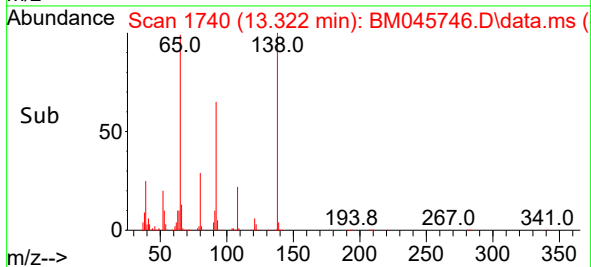
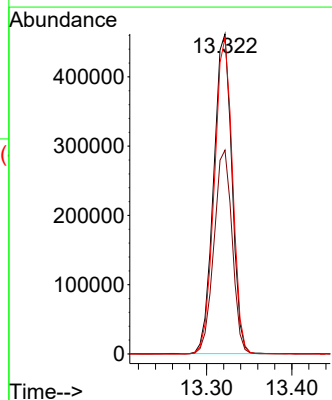
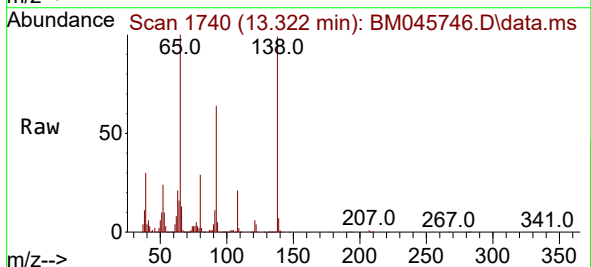
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

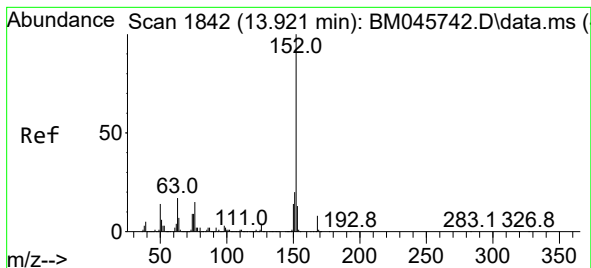
Tgt Ion:162 Resp: 1927385
Ion Ratio Lower Upper
162 100
127 39.8 31.7 47.5
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 45.242 ng
RT: 13.322 min Scan# 1740
Delta R.T. 0.001 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion: 65 Resp: 687371
Ion Ratio Lower Upper
65 100
92 63.7 50.8 76.2
138 98.7 79.4 119.2





#49

Acenaphthylene

Concen: 40.442 ng

RT: 13.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

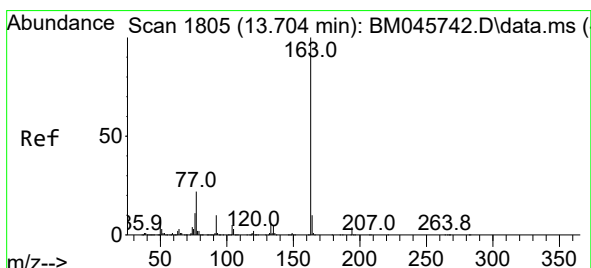
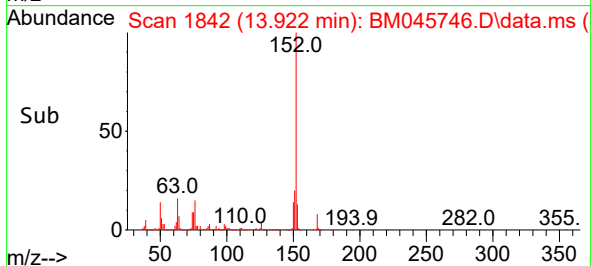
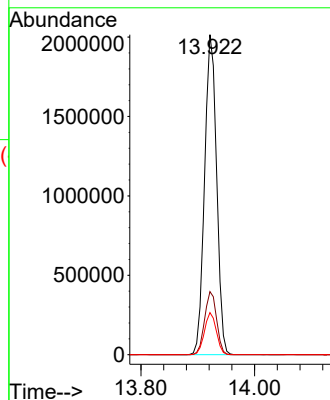
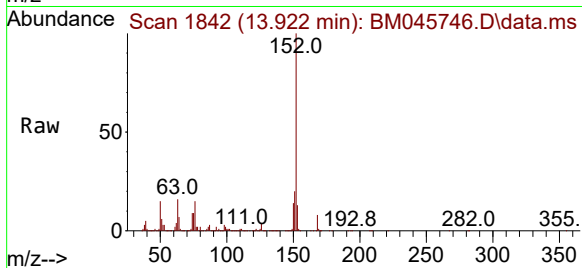
Tgt Ion:152 Resp: 2952747

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 41.030 ng

RT: 13.704 min Scan# 1805

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

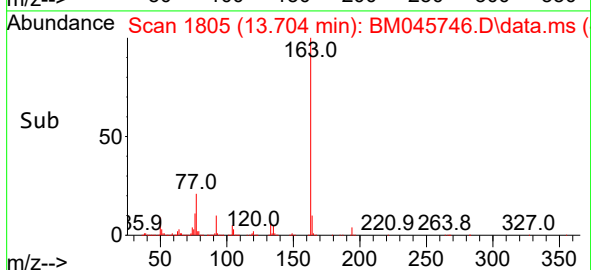
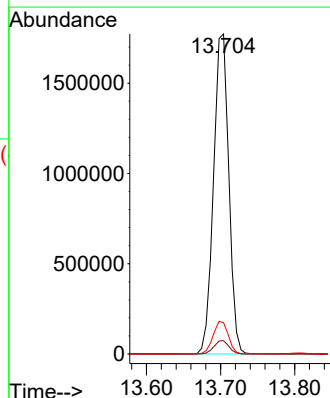
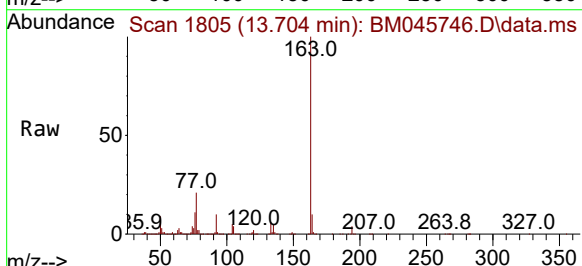
Tgt Ion:163 Resp: 2533225

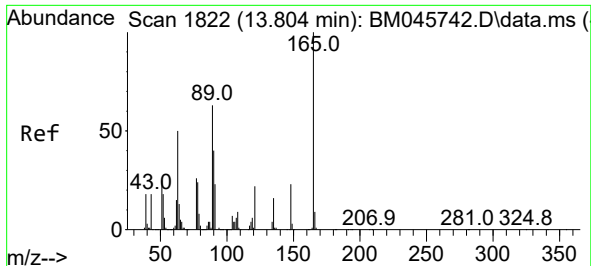
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.1 12.1

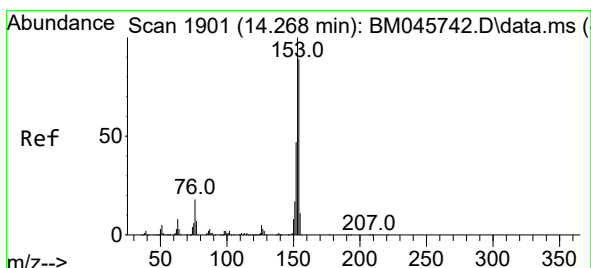
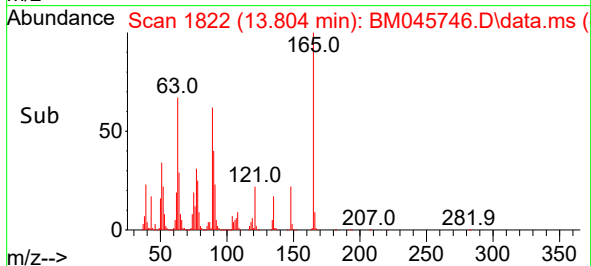
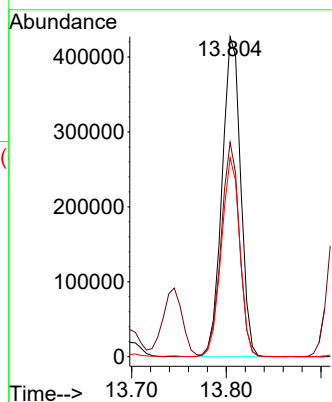
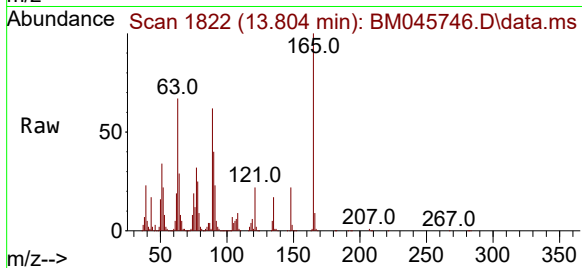




#51
2,6-Dinitrotoluene
Concen: 43.947 ng
RT: 13.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

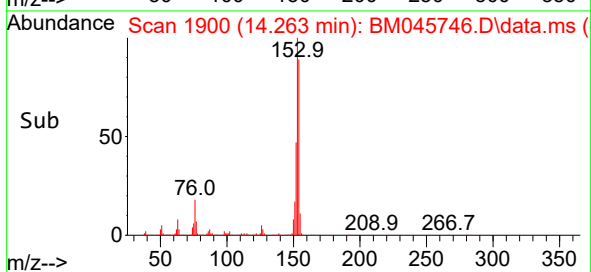
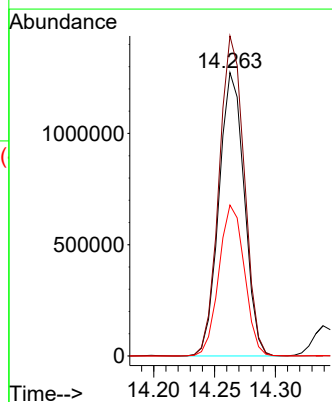
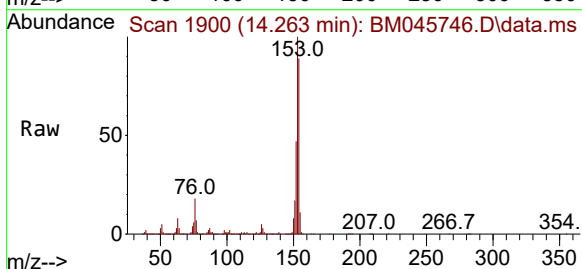
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

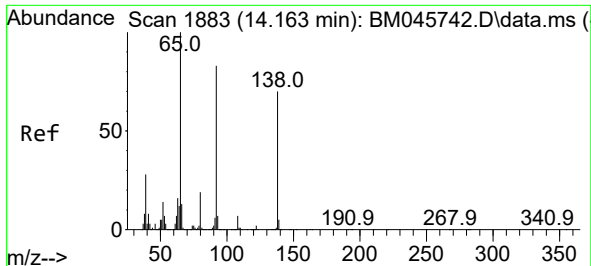
Tgt Ion:165 Resp: 582358
Ion Ratio Lower Upper
165 100
63 67.0 53.8 80.8
89 62.1 50.6 75.8



#52
Acenaphthene
Concen: 40.334 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:154 Resp: 1846009
Ion Ratio Lower Upper
154 100
153 112.9 89.7 134.5
152 53.3 42.2 63.2

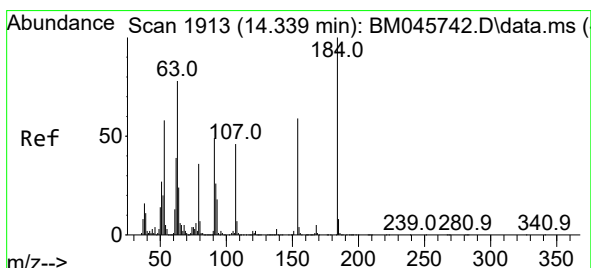
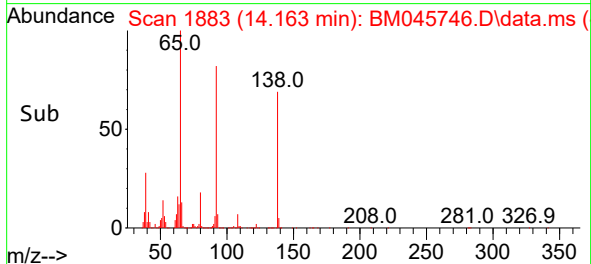
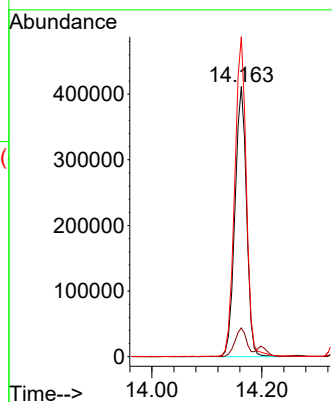
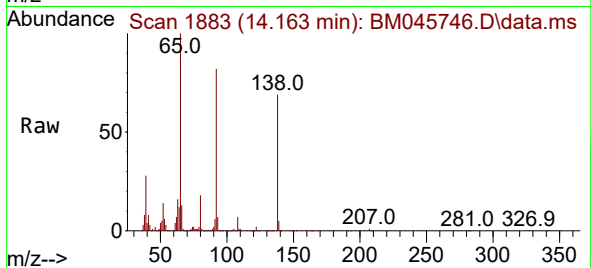




#53
3-Nitroaniline
Concen: 44.554 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

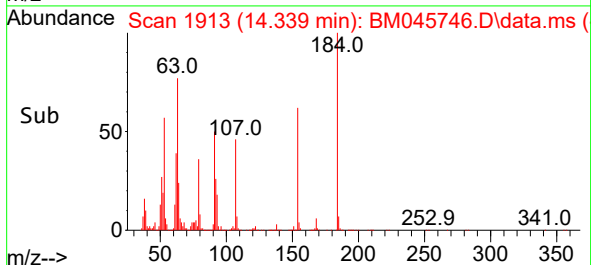
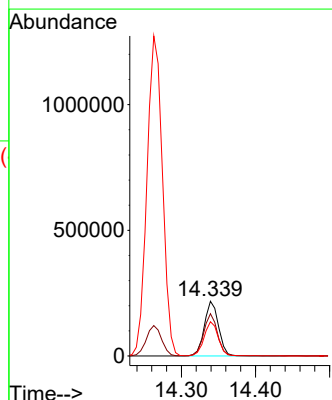
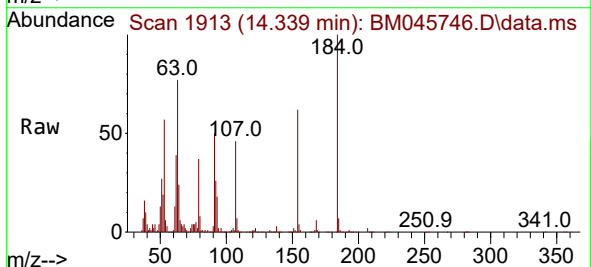
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

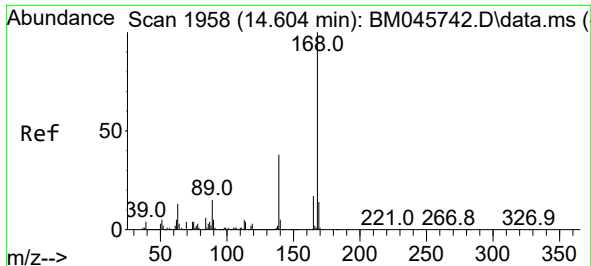
Tgt Ion:138 Resp: 602168
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 118.5 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 42.366 ng
RT: 14.339 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:184 Resp: 289742
Ion Ratio Lower Upper
184 100
63 77.2 62.3 93.5
154 62.4 48.1 72.1

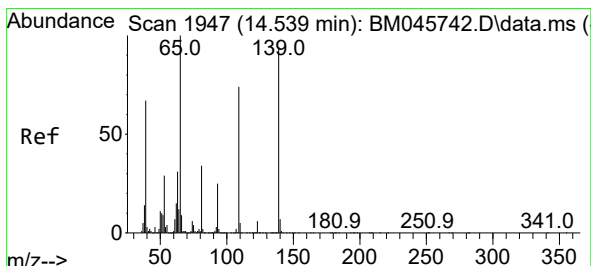
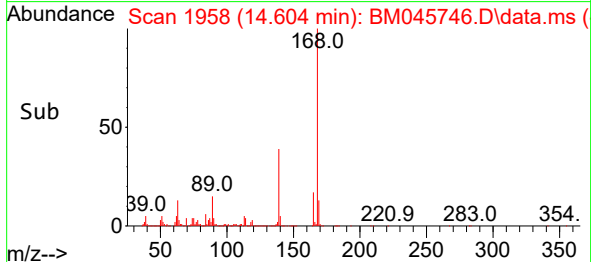
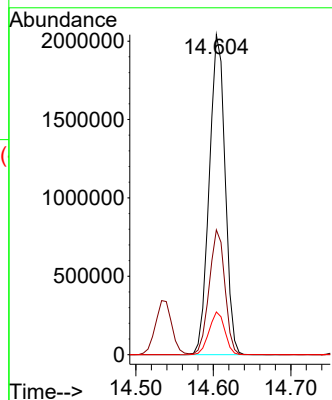
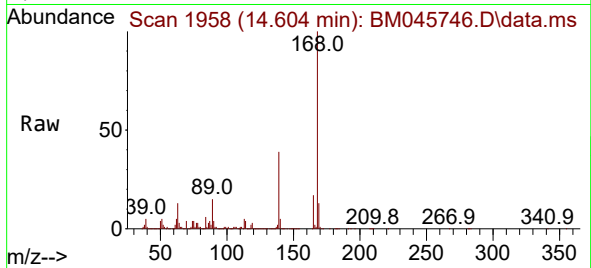




#55
Dibenzofuran
Concen: 40.220 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

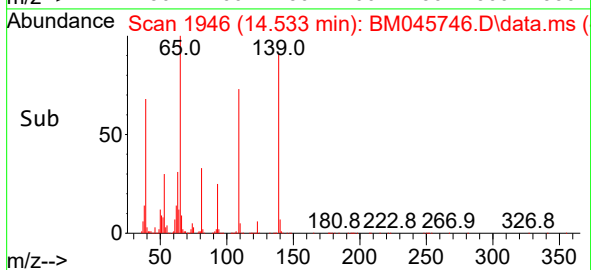
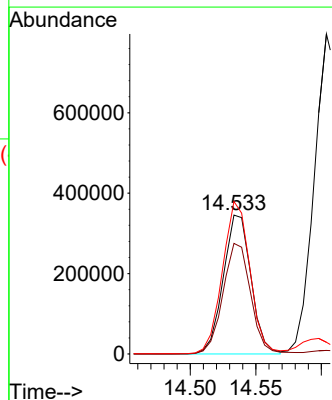
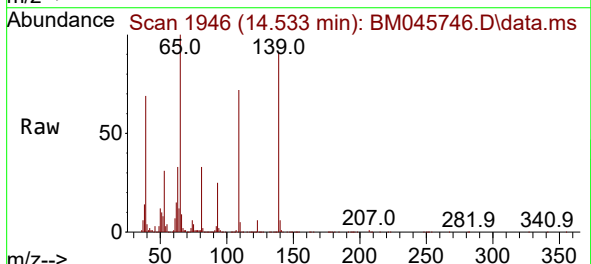
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

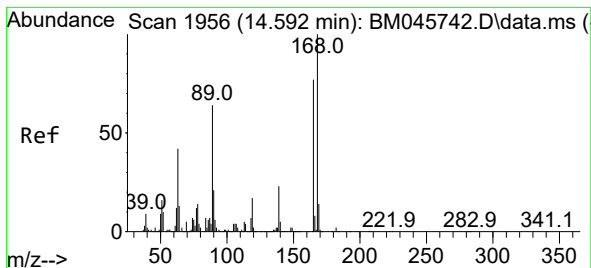
Tgt Ion:168 Resp: 2901920
Ion Ratio Lower Upper
168 100
139 39.0 31.5 47.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 44.239 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:139 Resp: 508345
Ion Ratio Lower Upper
139 100
109 79.6 59.6 99.6
65 109.8 87.1 127.1

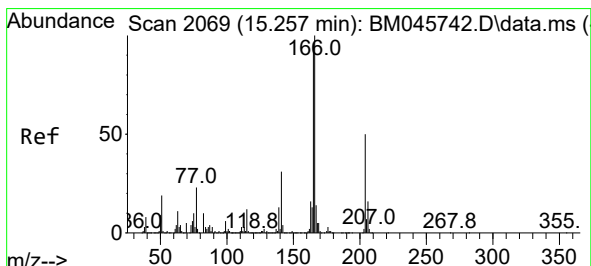
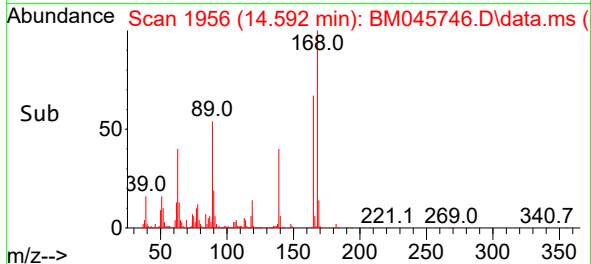
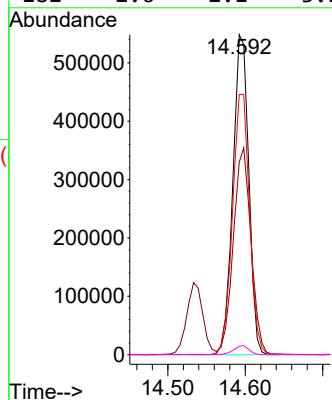
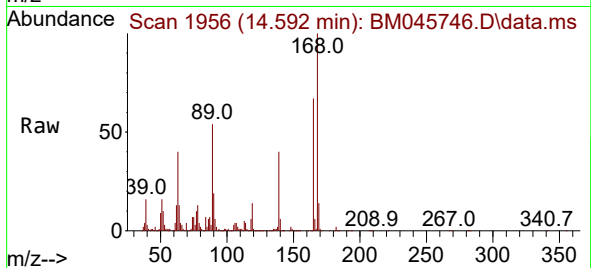




#57
2,4-Dinitrotoluene
Concen: 44.529 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

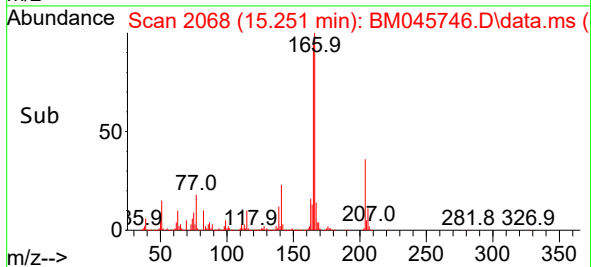
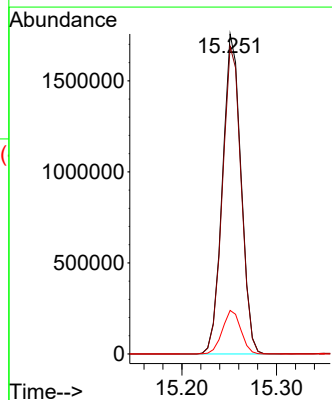
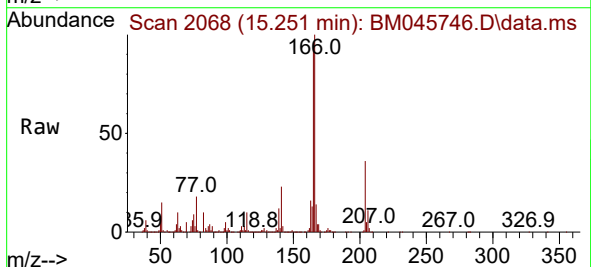
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

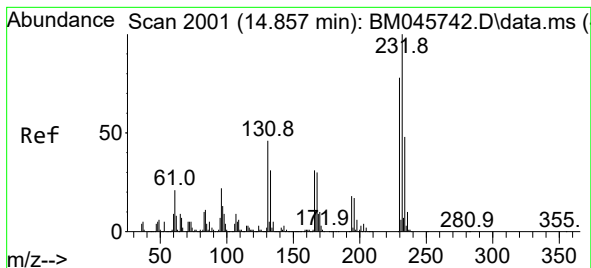
Tgt Ion:165 Resp: 783585
Ion Ratio Lower Upper
165 100
63 60.1 48.7 73.1
89 81.3 66.2 99.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.561 ng
RT: 15.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:166 Resp: 2391882
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 13.6 10.9 16.3

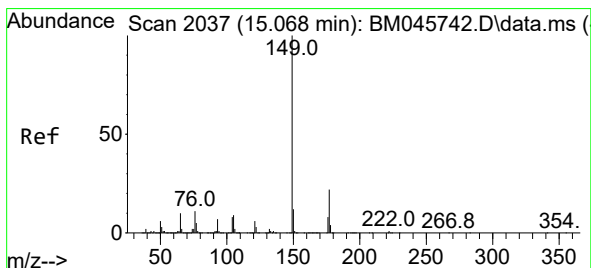
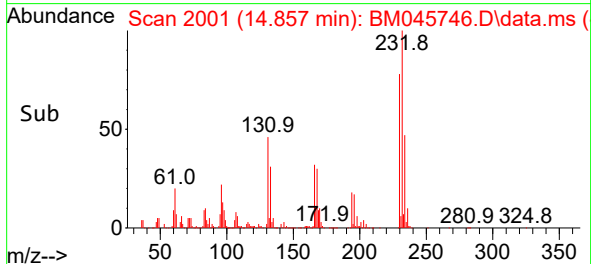
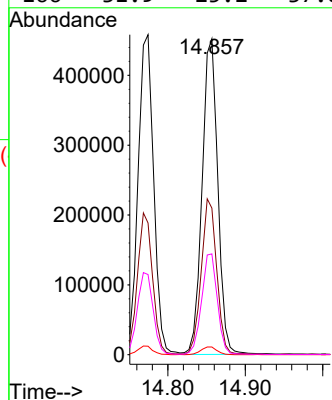
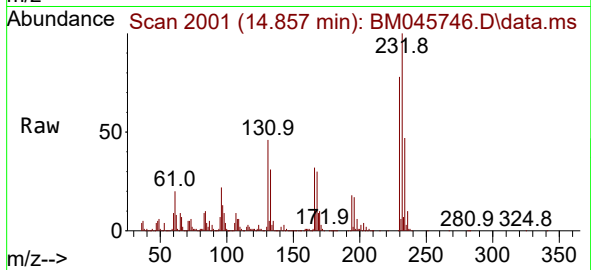




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.226 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

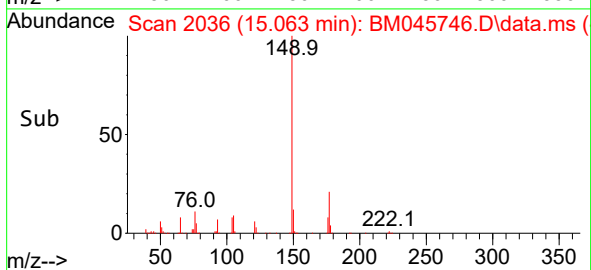
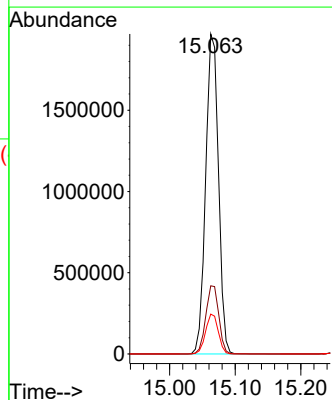
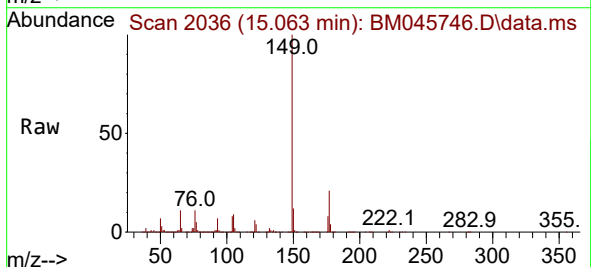
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

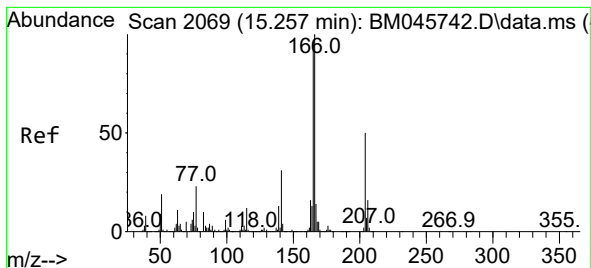
Tgt Ion:232 Resp: 635074
Ion Ratio Lower Upper
232 100
131 48.9 38.9 58.3
130 2.5 2.0 3.0
166 31.9 25.2 37.8



#60
Diethylphthalate
Concen: 41.477 ng
RT: 15.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:149 Resp: 2675858
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.4 9.7 14.5

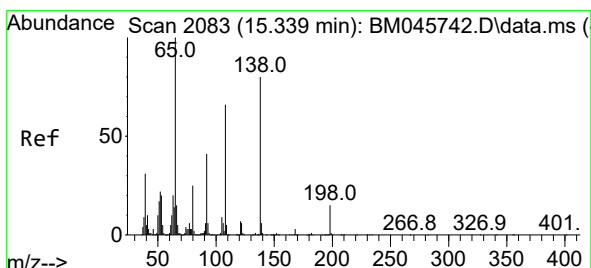
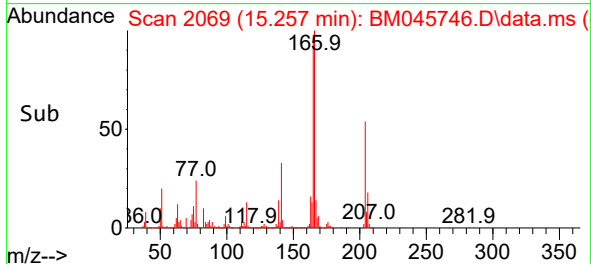
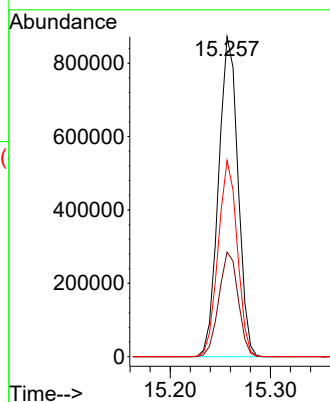
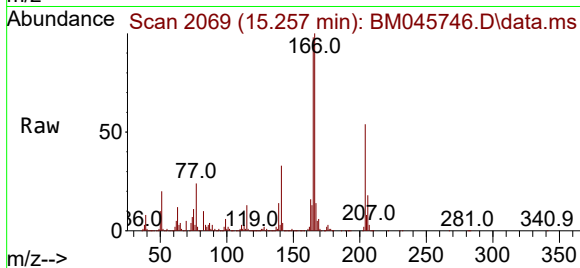




#61
4-Chlorophenyl-phenylether
Concen: 40.656 ng
RT: 15.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

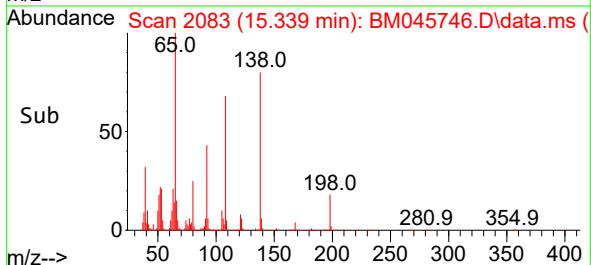
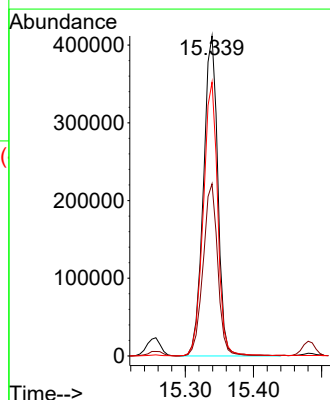
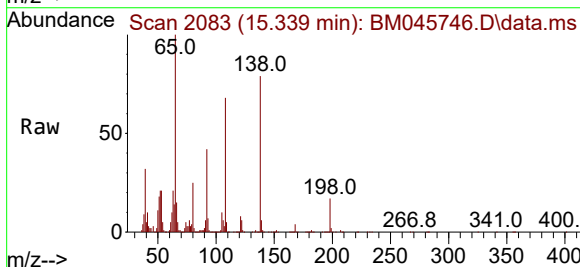
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

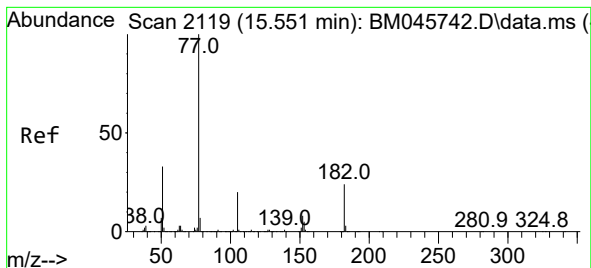
Tgt Ion:204 Resp: 1173251
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 61.3 49.8 74.6



#62
4-Nitroaniline
Concen: 45.141 ng
RT: 15.339 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:138 Resp: 606017
Ion Ratio Lower Upper
138 100
92 53.8 32.0 72.0
108 85.6 62.6 102.6





#63

Azobenzene

Concen: 40.495 ng

RT: 15.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

Tgt Ion: 77 Resp: 2531463

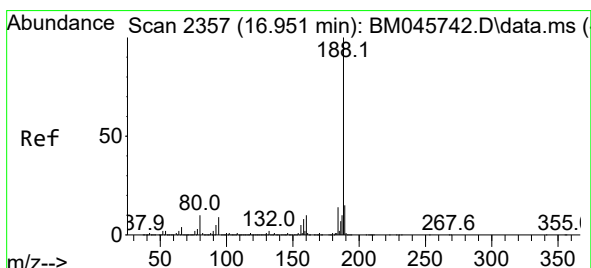
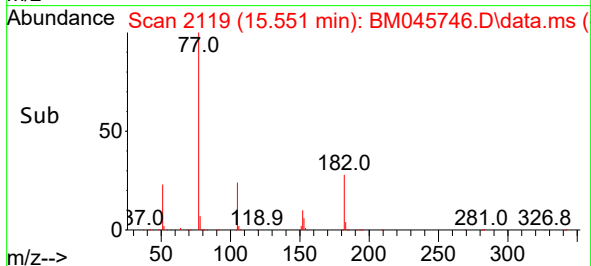
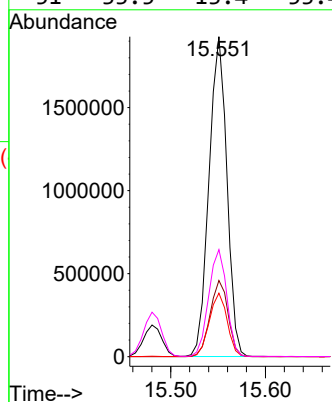
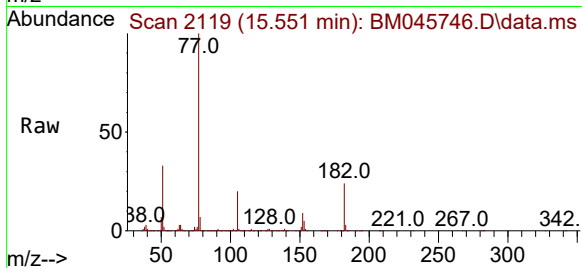
Ion Ratio Lower Upper

77 100

182 23.8 3.8 43.8

105 19.9 0.0 39.8

51 33.5 13.4 53.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

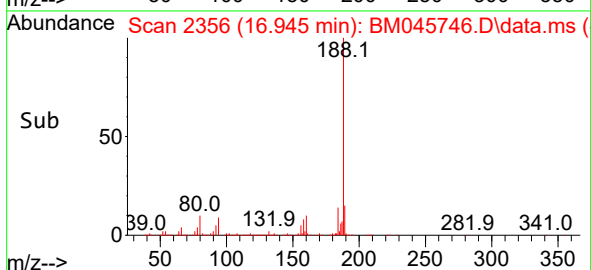
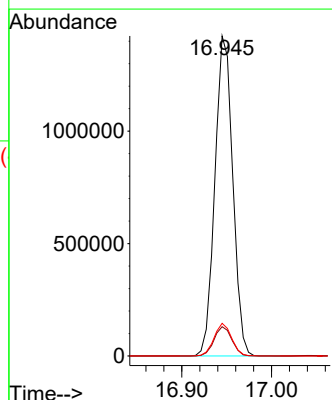
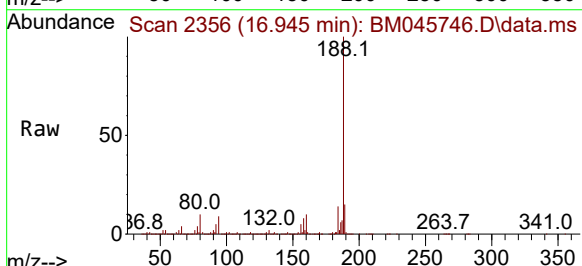
Tgt Ion: 188 Resp: 1967011

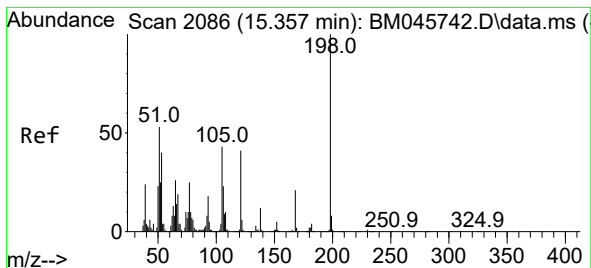
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 10.2 7.8 11.6

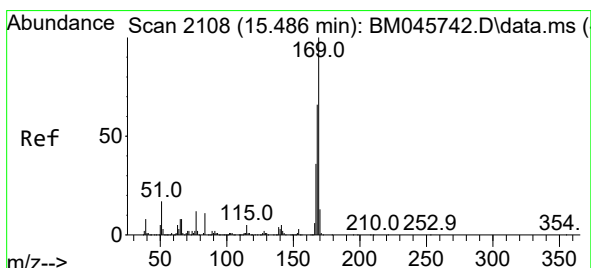
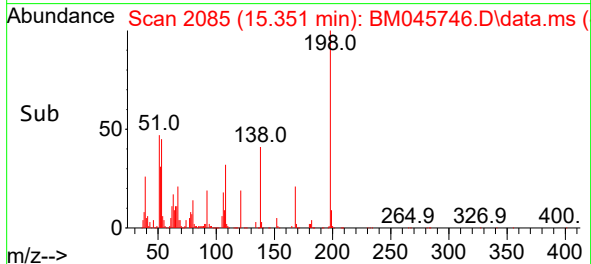
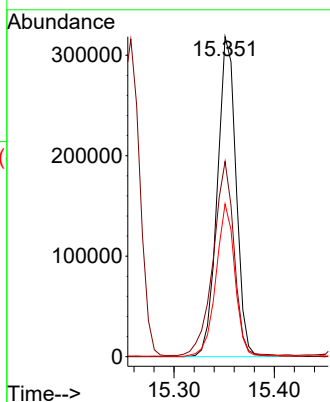
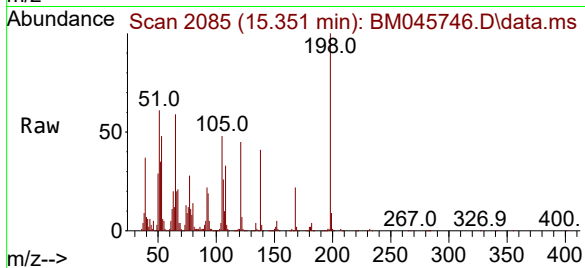




#65
4,6-Dinitro-2-methylphenol
Concen: 42.451 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

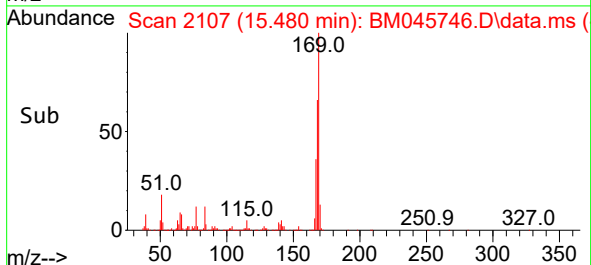
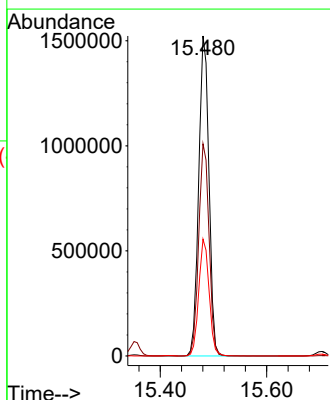
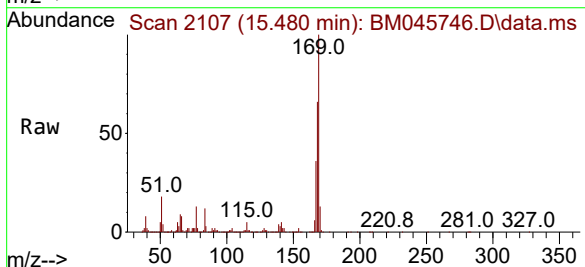
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

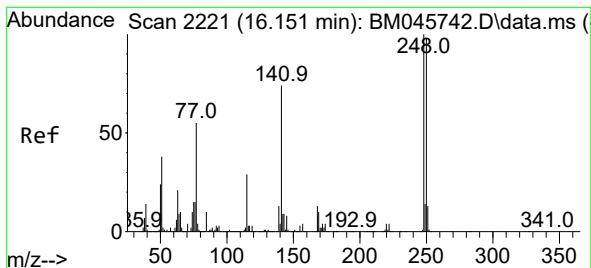
Tgt Ion:198 Resp: 412036
Ion Ratio Lower Upper
198 100
51 61.0 33.3 73.3
105 47.7 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 40.280 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:169 Resp: 2028407
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.5 29.0 43.4

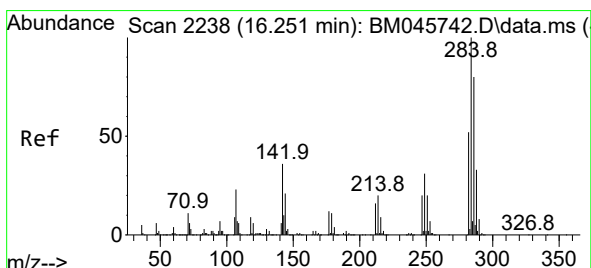
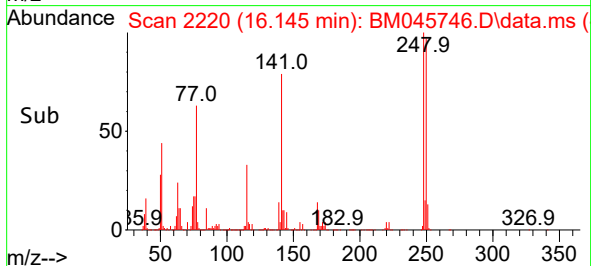
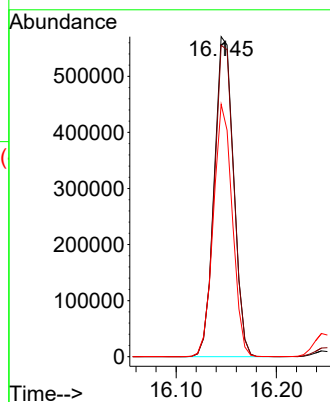
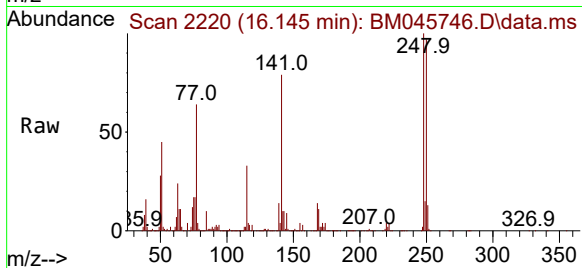




#67
4-Bromophenyl-phenylether
Concen: 41.006 ng
RT: 16.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

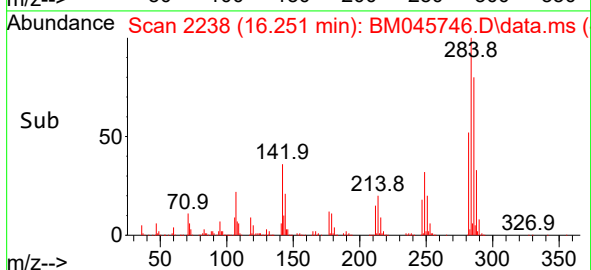
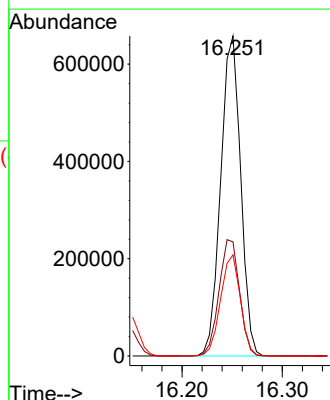
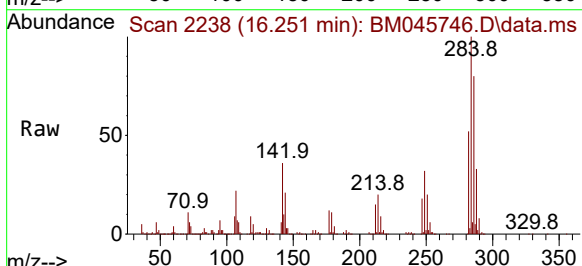
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

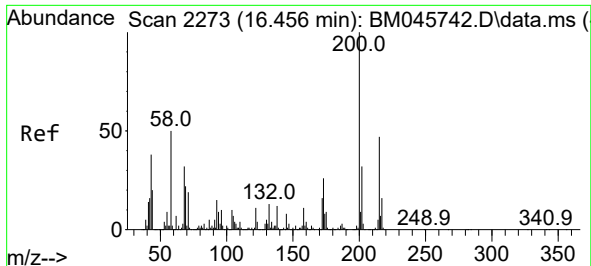
Tgt Ion:248 Resp: 766350
Ion Ratio Lower Upper
248 100
250 97.3 78.1 117.1
141 78.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 40.781 ng
RT: 16.251 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:284 Resp: 907879
Ion Ratio Lower Upper
284 100
142 35.6 28.4 42.6
249 31.6 24.9 37.3

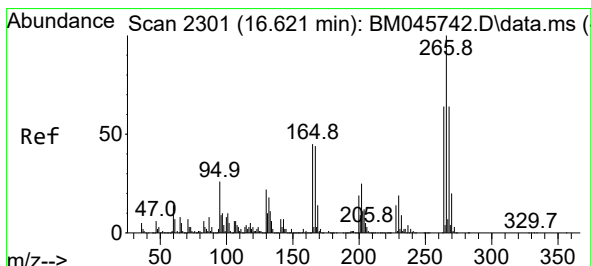
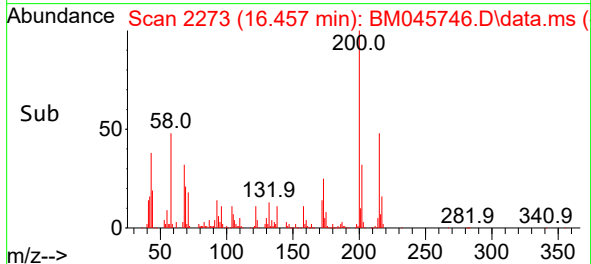
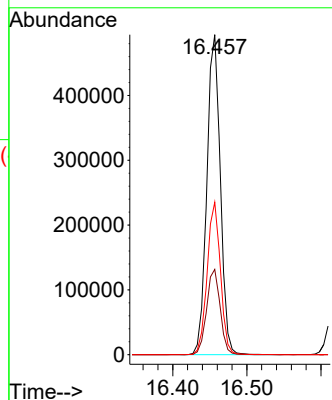
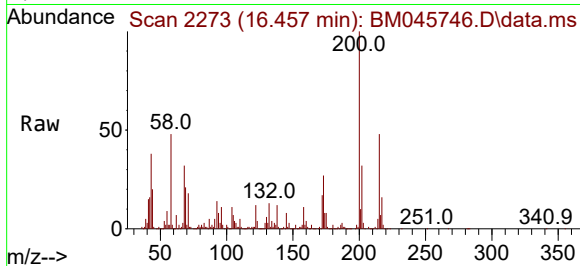




#69
 Atrazine
 Concen: 40.528 ng
 RT: 16.457 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM045746.D
 Acq: 22 May 2024 17:23

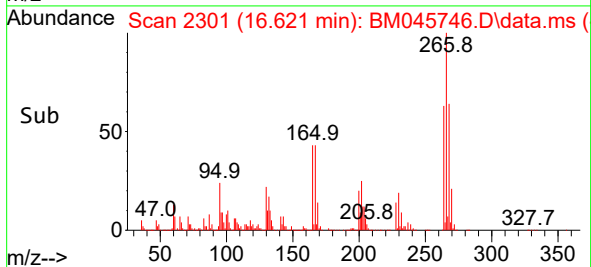
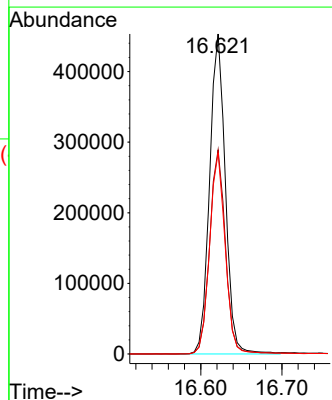
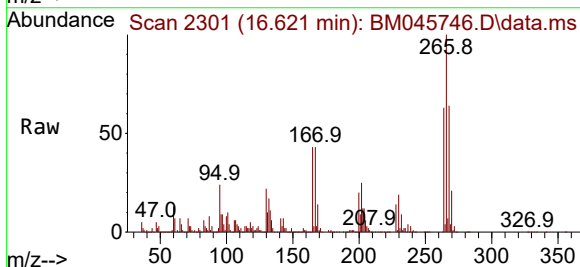
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052224

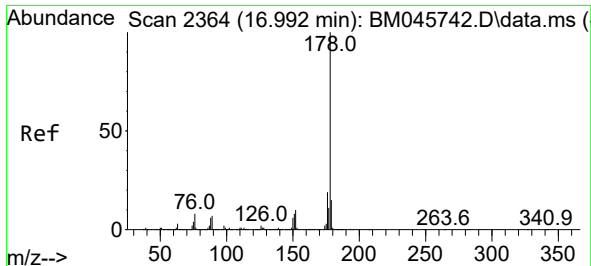
Tgt Ion:200 Resp: 623196
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.2 46.2
 215 47.6 26.6 66.6



#70
 Pentachlorophenol
 Concen: 44.882 ng
 RT: 16.621 min Scan# 2301
 Delta R.T. 0.000 min
 Lab File: BM045746.D
 Acq: 22 May 2024 17:23

Tgt Ion:266 Resp: 609543
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.0 76.4
 264 62.9 50.9 76.3

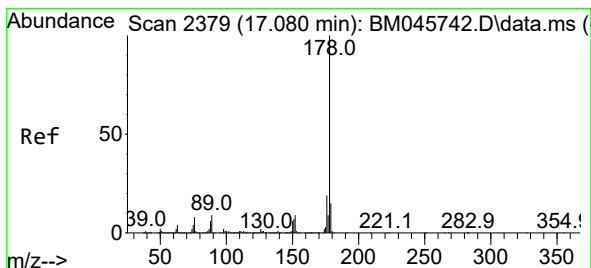
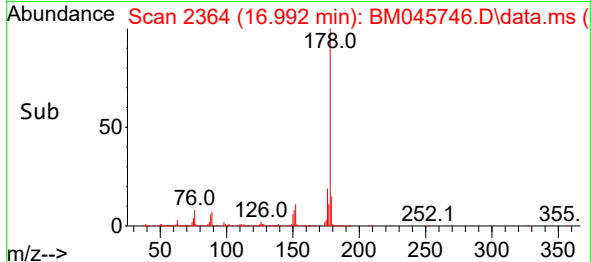
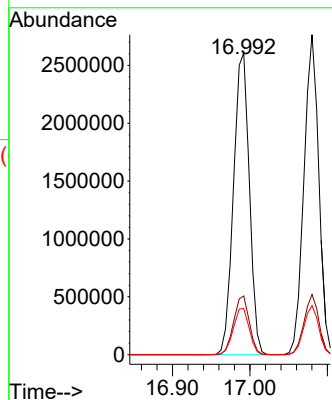
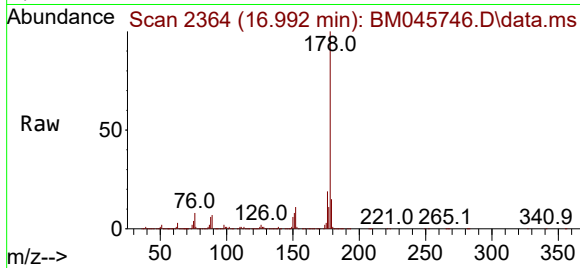




#71
Phenanthrene
Concen: 39.995 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

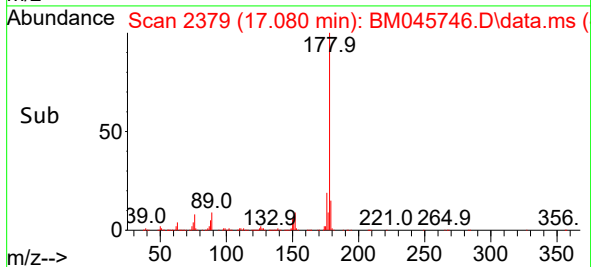
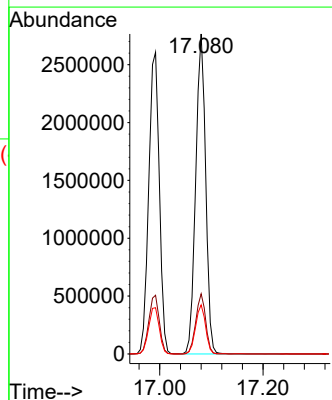
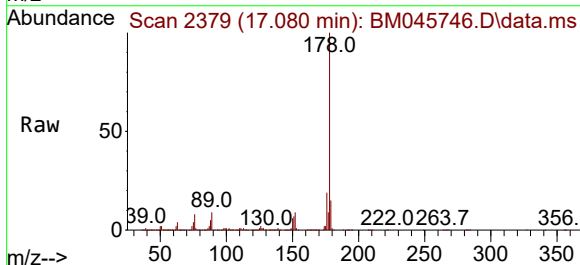
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

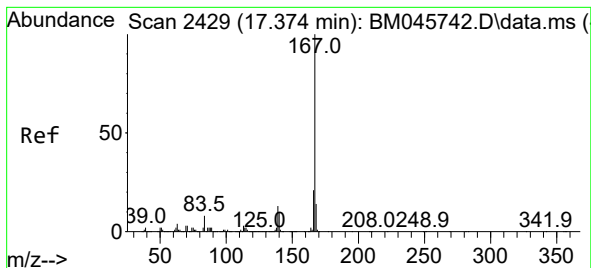
Tgt Ion:178 Resp: 3713213
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.3 12.2 18.2



#72
Anthracene
Concen: 40.494 ng
RT: 17.080 min Scan# 2379
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:178 Resp: 3696250
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.3 18.5





#73

Carbazole

Concen: 40.500 ng

RT: 17.374 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

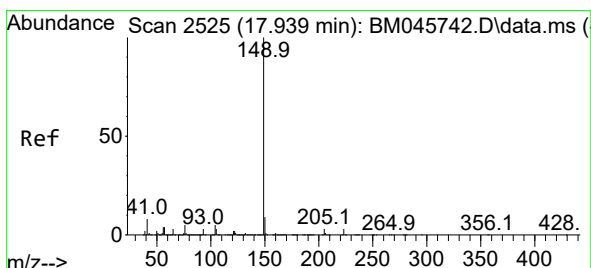
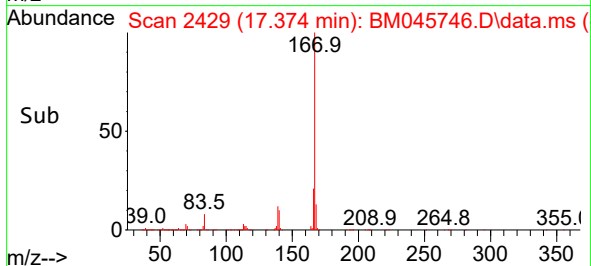
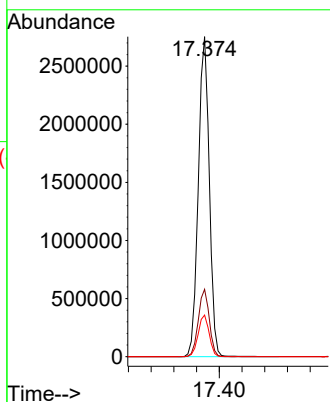
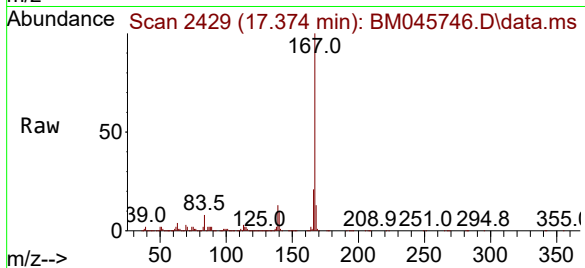
Tgt Ion:167 Resp: 3699146

Ion Ratio Lower Upper

167 100

166 21.0 16.8 25.2

139 13.0 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.393 ng

RT: 17.939 min Scan# 2525

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

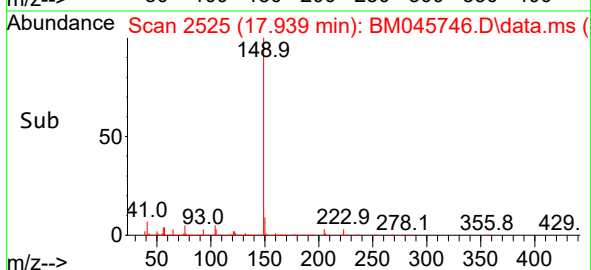
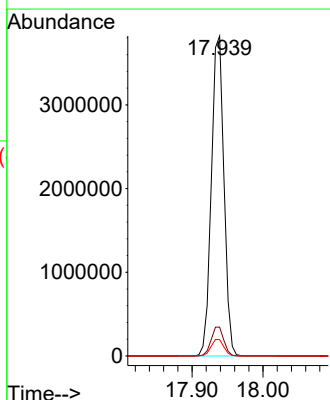
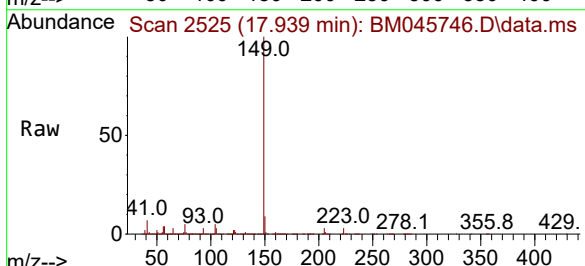
Tgt Ion:149 Resp: 4694595

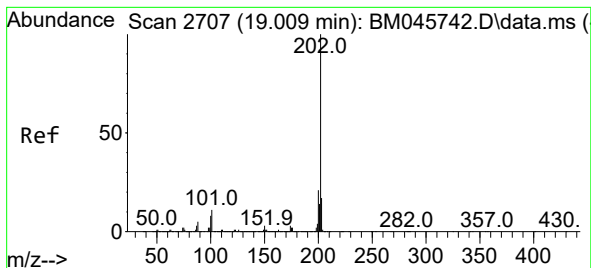
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 40.521 ng

RT: 19.009 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

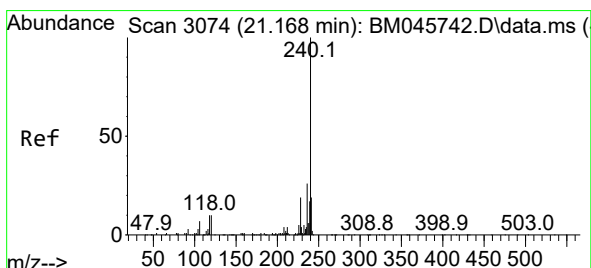
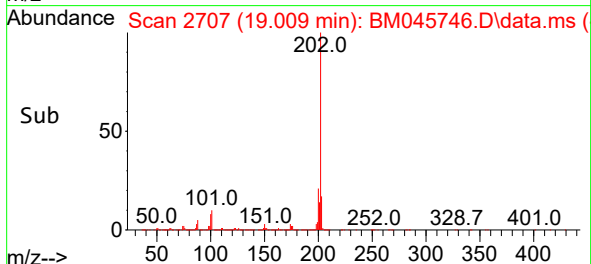
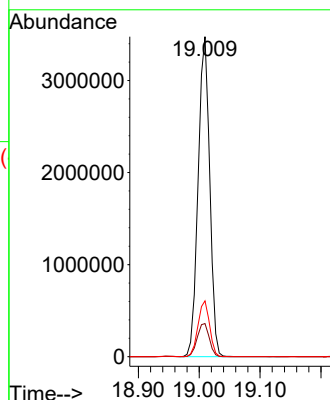
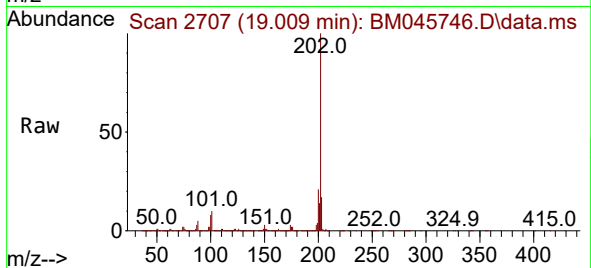
Tgt Ion:202 Resp: 4587189

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.8

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.168 min Scan# 3074

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

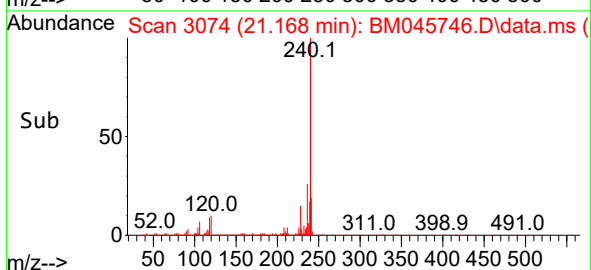
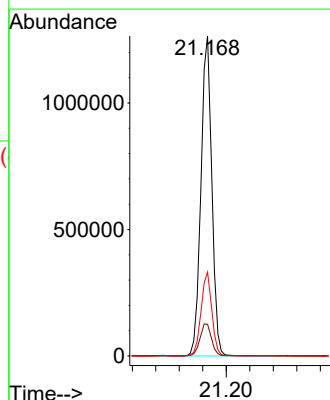
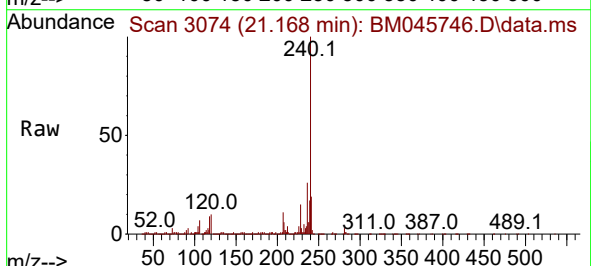
Tgt Ion:240 Resp: 1625699

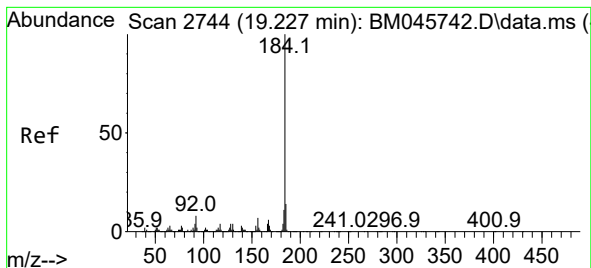
Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

236 26.2 20.7 31.1





#77

Benzidine

Concen: 57.070 ng

RT: 19.227 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

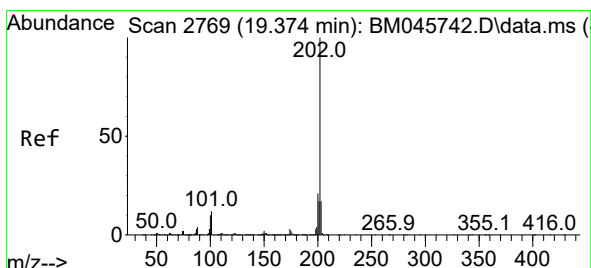
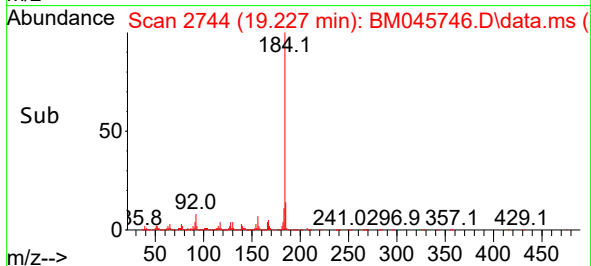
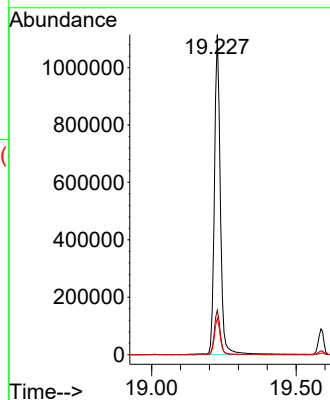
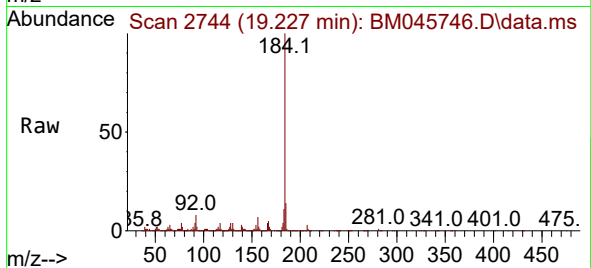
Tgt Ion:184 Resp: 1584314

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 11.5 9.0 13.6



#78

Pyrene

Concen: 41.602 ng

RT: 19.374 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

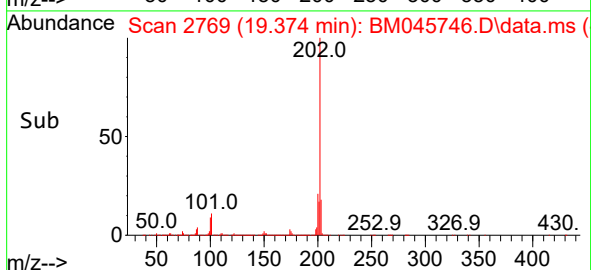
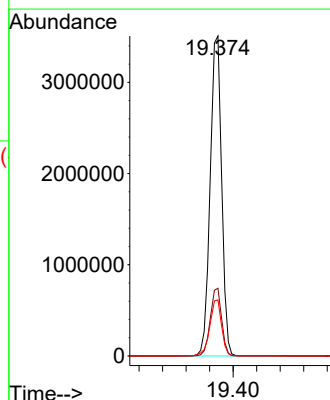
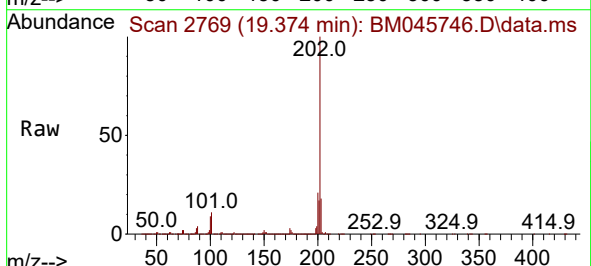
Tgt Ion:202 Resp: 4770987

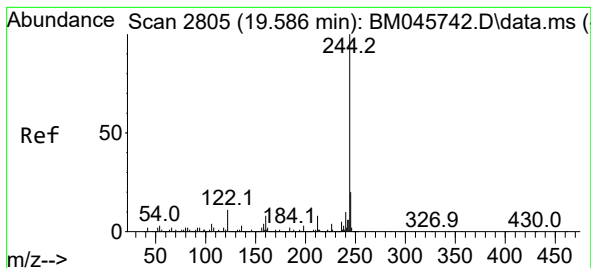
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 82.543 ng

RT: 19.586 min Scan# 2805

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

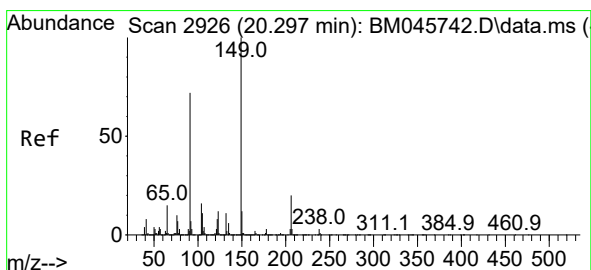
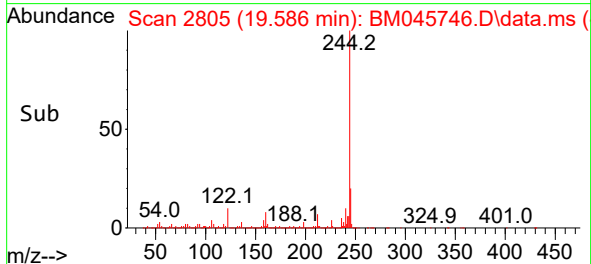
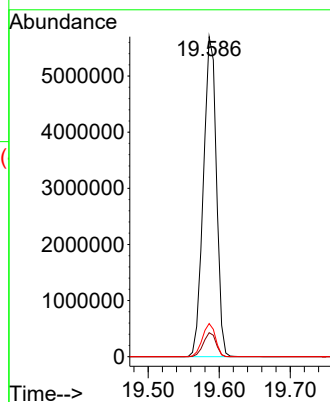
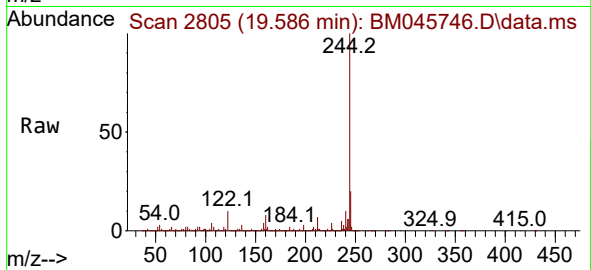
Tgt Ion:244 Resp: 7290798

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.4 8.6 12.8



#80

Butylbenzylphthalate

Concen: 42.933 ng

RT: 20.298 min Scan# 2926

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

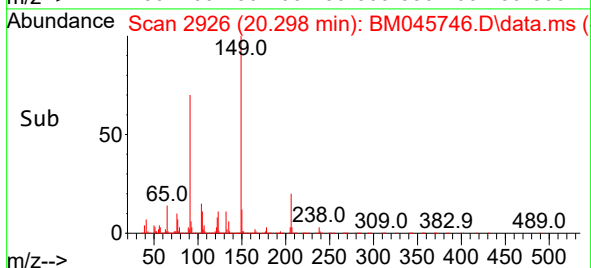
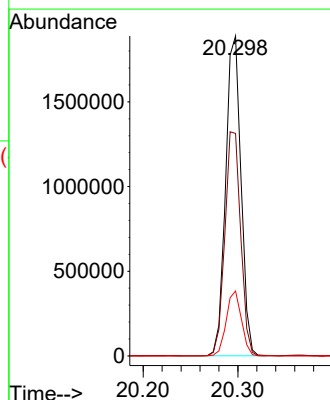
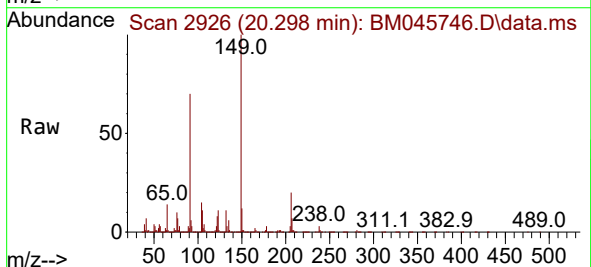
Tgt Ion:149 Resp: 2132708

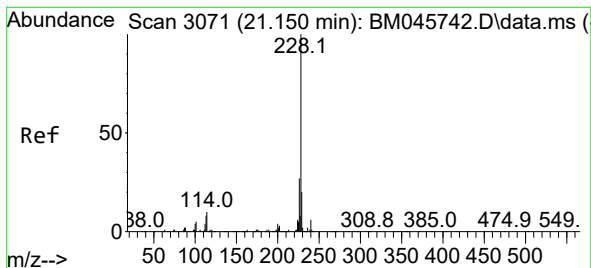
Ion Ratio Lower Upper

149 100

91 69.6 57.3 85.9

206 20.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 40.708 ng

RT: 21.145 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

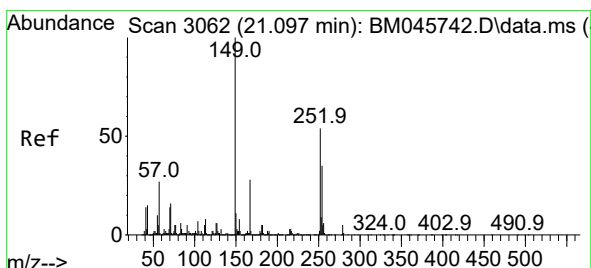
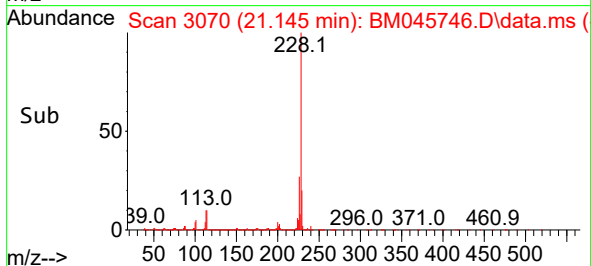
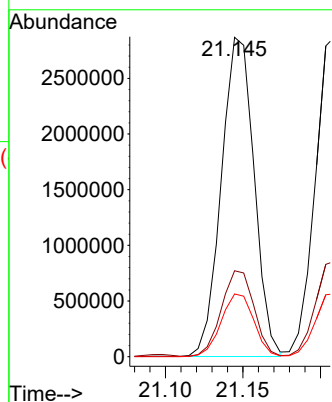
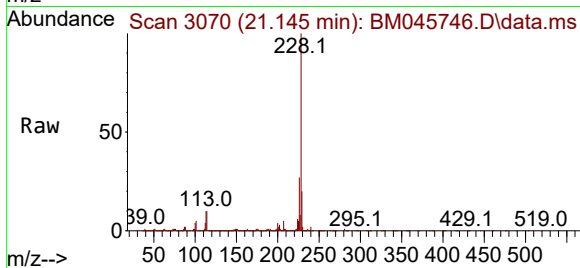
Tgt Ion:228 Resp: 4215101

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.527 ng

RT: 21.098 min Scan# 3062

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

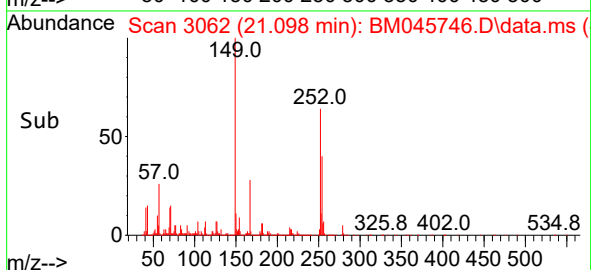
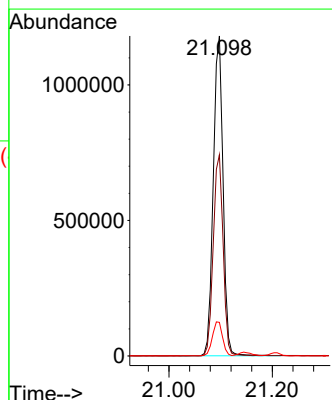
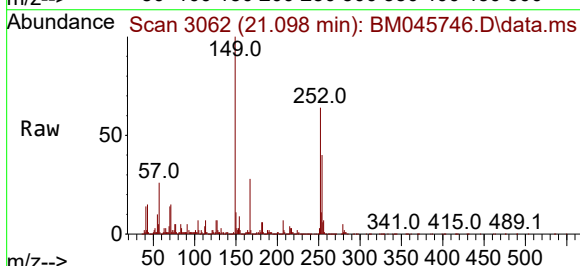
Tgt Ion:252 Resp: 1544520

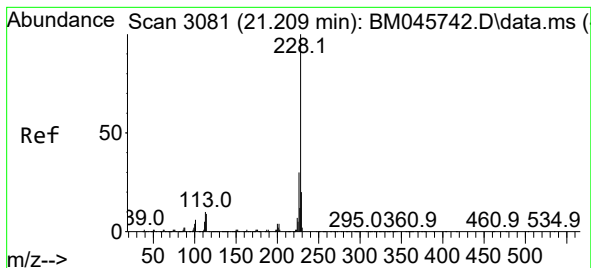
Ion Ratio Lower Upper

252 100

254 62.9 51.4 77.2

126 10.5 8.7 13.1





#83

Chrysene

Concen: 40.815 ng

RT: 21.209 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

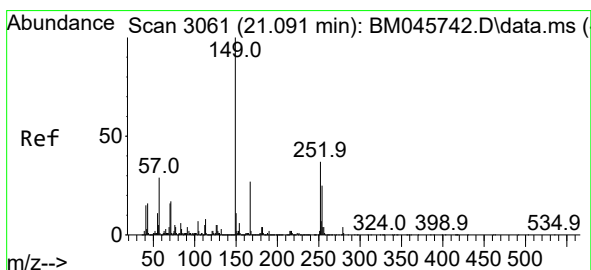
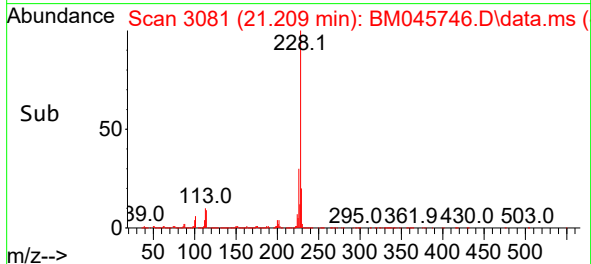
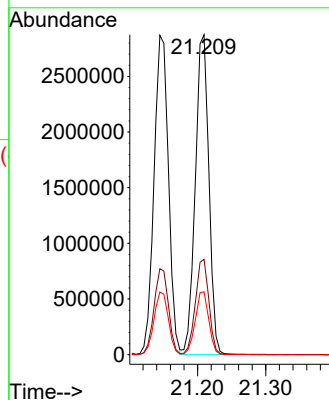
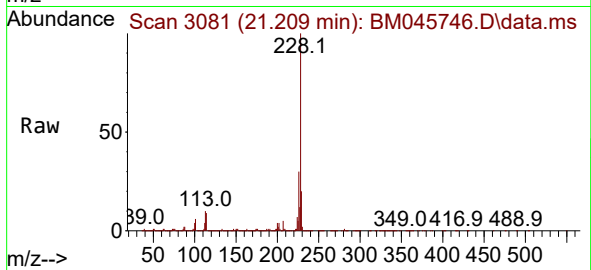
Tgt Ion:228 Resp: 3964122

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.647 ng

RT: 21.092 min Scan# 3061

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

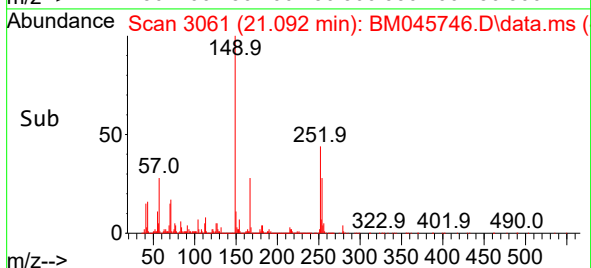
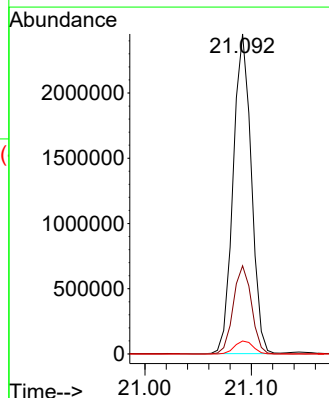
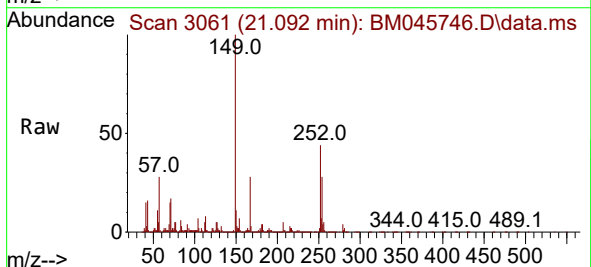
Tgt Ion:149 Resp: 2904962

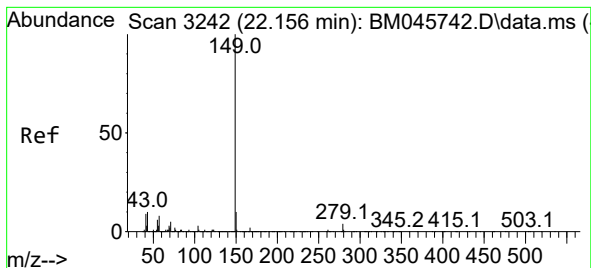
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.148 ng

RT: 22.156 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

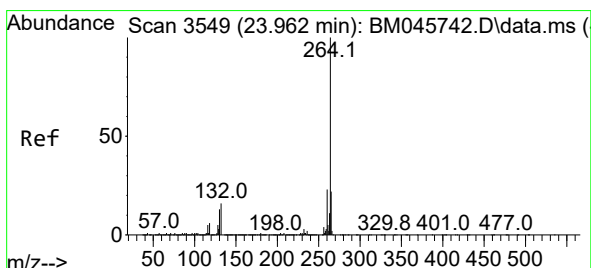
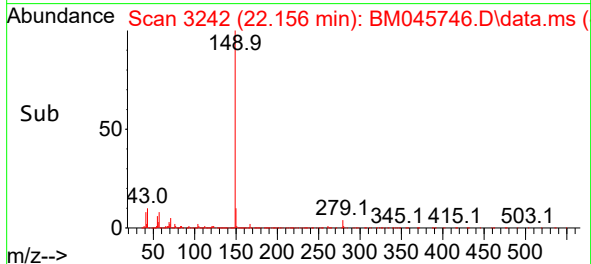
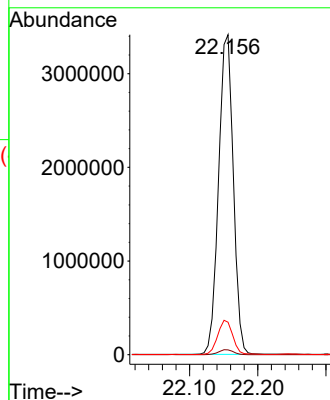
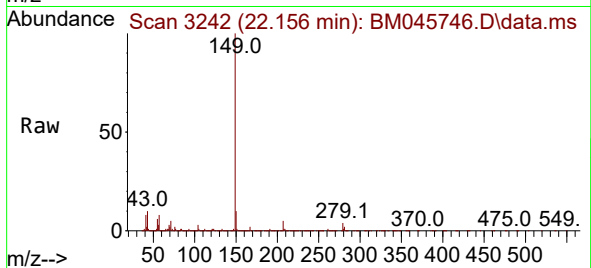
Tgt Ion:149 Resp: 5127021

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3549

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

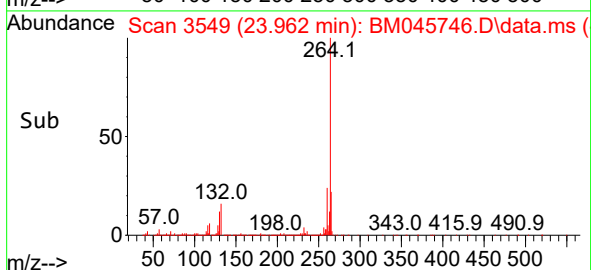
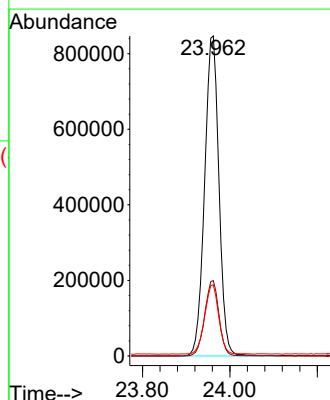
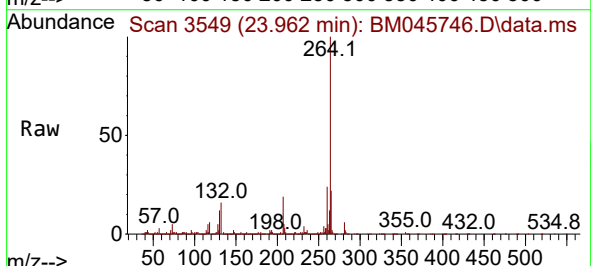
Tgt Ion:264 Resp: 1934287

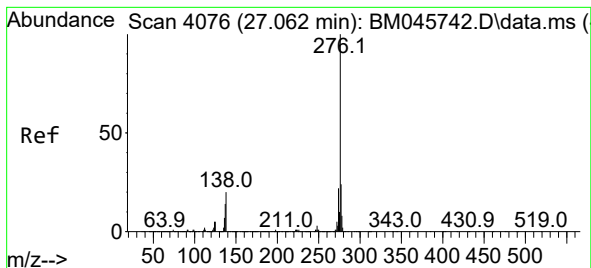
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.330 ng

RT: 27.068 min Scan# 40

Delta R.T. 0.006 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

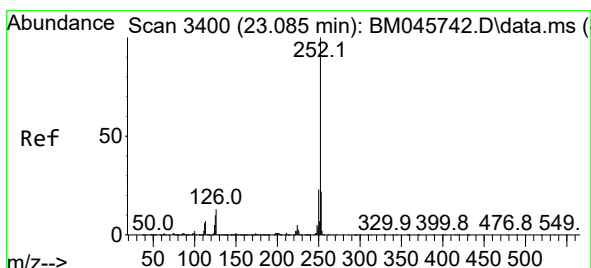
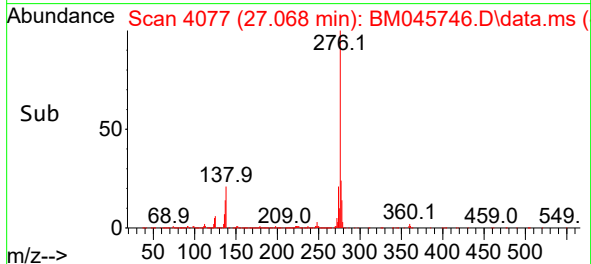
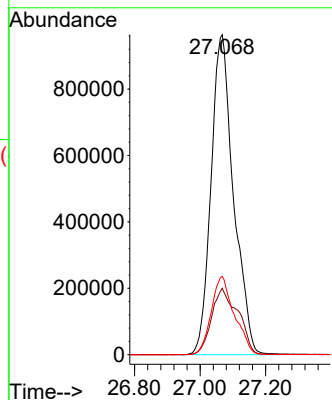
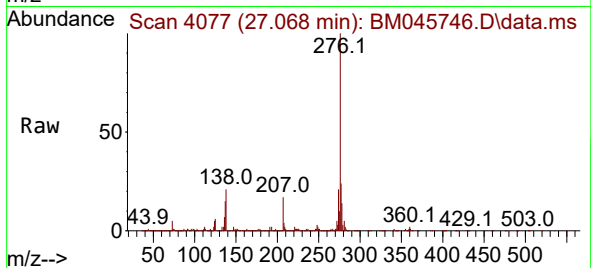
Tgt Ion:276 Resp: 4599895

Ion Ratio Lower Upper

276 100

138 24.3 19.8 29.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.792 ng

RT: 23.086 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

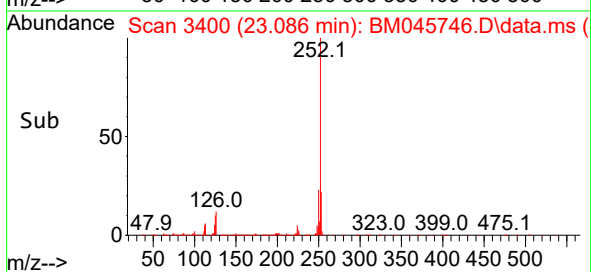
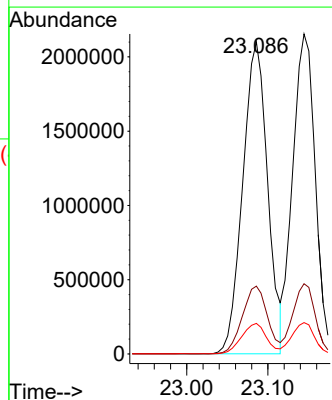
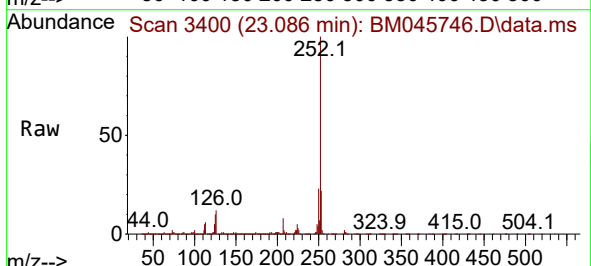
Tgt Ion:252 Resp: 4474492

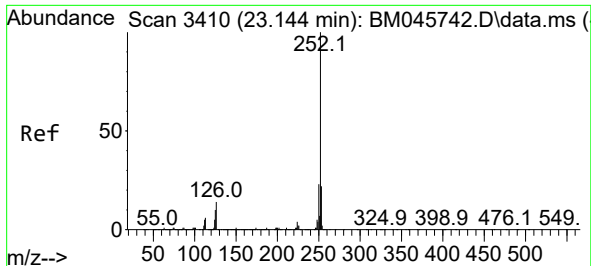
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.8 8.0 12.0

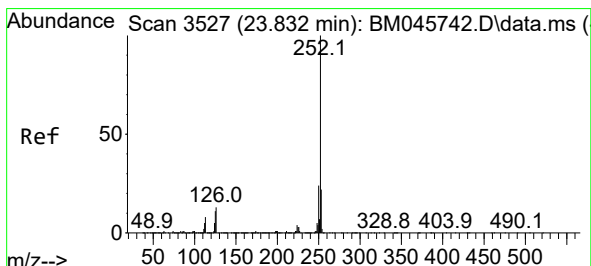
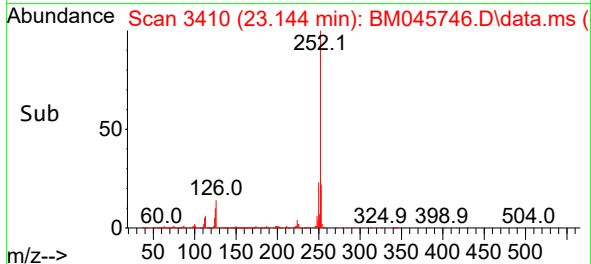
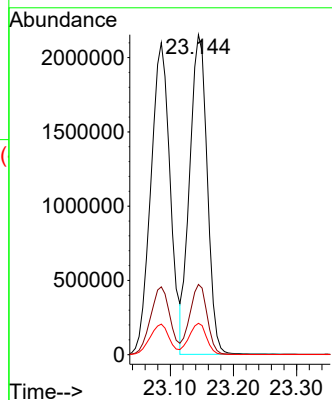
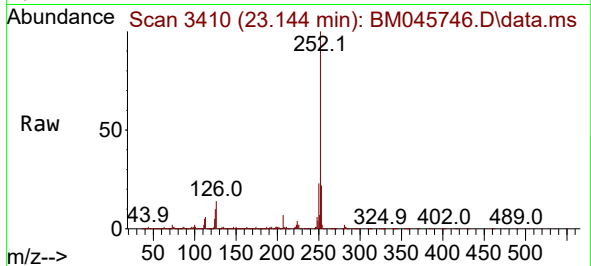




#89
Benzo(k)fluoranthene
Concen: 39.885 ng
RT: 23.144 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

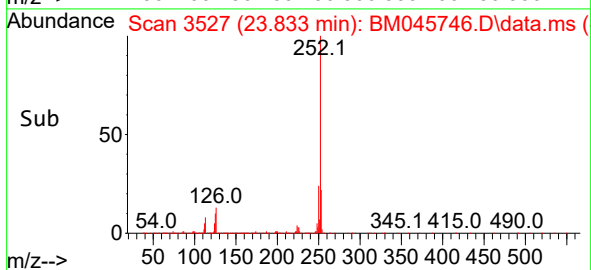
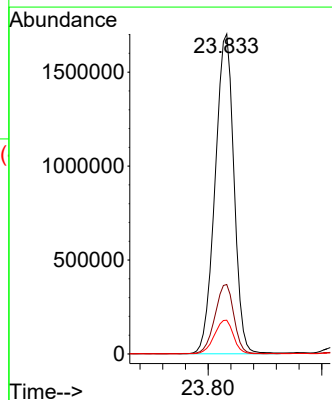
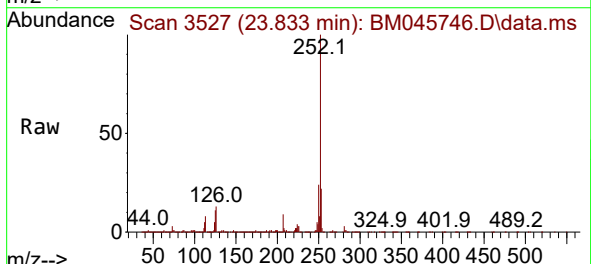
Instrument :
BNA_M
ClientSampleId :
ICVBM052224

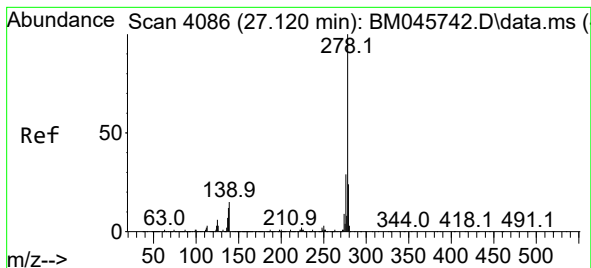
Tgt Ion:252 Resp: 4152573
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 41.073 ng
RT: 23.833 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BM045746.D
Acq: 22 May 2024 17:23

Tgt Ion:252 Resp: 3914881
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 41.492 ng

RT: 27.121 min Scan# 4086

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Instrument :

BNA_M

ClientSampleId :

ICVBM052224

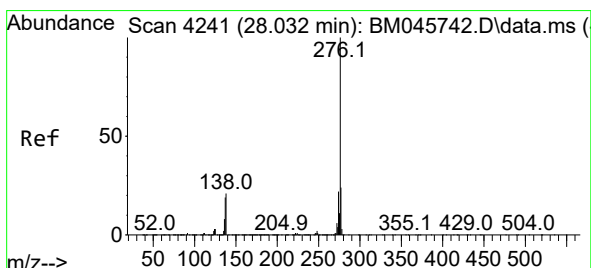
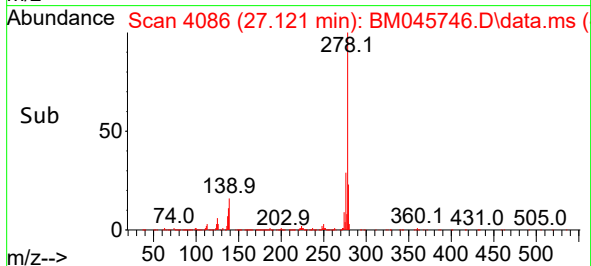
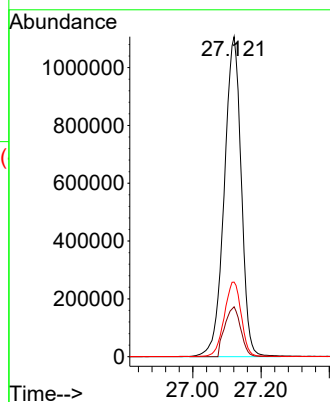
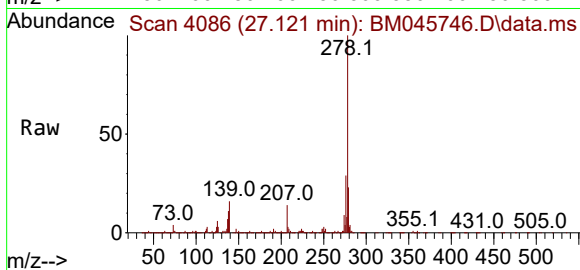
Tgt Ion:278 Resp: 3825433

Ion Ratio Lower Upper

278 100

139 15.6 12.2 18.4

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 41.132 ng

RT: 28.032 min Scan# 4241

Delta R.T. 0.000 min

Lab File: BM045746.D

Acq: 22 May 2024 17:23

Tgt Ion:276 Resp: 3933806

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 20.5 16.7 25.1

