

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041305.D
 Acq On : 07 Aug 2023 10:34
 Operator : MA/JU
 Sample : PB154530BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154530BS

Quant Time: Aug 07 17:27:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	118701	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	445185	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	240584	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	463541	20.000	ng	0.00
76) Chrysene-d12	21.421	240	397395	20.000	ng	0.00
86) Perylene-d12	23.791	264	462116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1134556	142.854	ng	0.00
7) Phenol-d6	6.975	99	1372531	133.322	ng	0.00
23) Nitrobenzene-d5	8.963	82	903004	94.329	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	507189	149.045	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	1863182	97.831	ng	0.00
79) Terphenyl-d14	19.850	244	2398639	109.132	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	129249	38.042	ng	96
3) Pyridine	3.663	79	335894	37.600	ng	96
4) n-Nitrosodimethylamine	3.581	42	184501	44.656	ng	93
6) Aniline	7.122	93	525845	43.646	ng	99
8) 2-Chlorophenol	7.351	128	407944	52.615	ng	99
9) Benzaldehyde	6.934	77	232997	42.892	ng	99
10) Phenol	6.998	94	502706	50.558	ng	97
11) bis(2-Chloroethyl)ether	7.222	93	407003	50.568	ng	97
12) 1,3-Dichlorobenzene	7.669	146	459859	54.487	ng	99
13) 1,4-Dichlorobenzene	7.822	146	471771	55.614	ng	99
14) 1,2-Dichlorobenzene	8.133	146	449268	55.236	ng	99
15) Benzyl Alcohol	8.045	79	368922	56.746	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	498564	46.491	ng	95
17) 2-Methylphenol	8.245	107	327909	48.271	ng	99
18) Hexachloroethane	8.857	117	179238	56.755	ng	90
19) n-Nitroso-di-n-propyla...	8.604	70	316265	50.578	ng	97
20) 3+4-Methylphenols	8.581	107	435361	47.933	ng	96
22) Acetophenone	8.628	105	608610	51.619	ng	# 98
24) Nitrobenzene	9.010	77	477444	49.318	ng	99
25) Isophorone	9.533	82	829829	51.066	ng	99
26) 2-Nitrophenol	9.716	139	218427	57.717	ng	95
27) 2,4-Dimethylphenol	9.780	122	320633	48.147	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	497084	48.834	ng	99
29) 2,4-Dichlorophenol	10.251	162	361627	53.848	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	421074	56.750	ng	96
31) Naphthalene	10.645	128	1188986	49.217	ng	99
32) Benzoic acid	9.951	122	250010	49.690	ng	97
33) 4-Chloroaniline	10.774	127	331259	34.311	ng	99
34) Hexachlorobutadiene	10.910	225	269864	60.474	ng	98
35) Caprolactam	11.586	113	95374	49.093	ng	89
36) 4-Chloro-3-methylphenol	11.910	107	348964	49.369	ng	97
37) 2-Methylnaphthalene	12.263	142	782176	48.024	ng	99
38) 1-Methylnaphthalene	12.480	142	741324	48.631	ng	100
40) 1,2,4,5-Tetrachloroben...	12.633	216	440534	56.392	ng	# 98
41) Hexachlorocyclopentadiene	12.598	237	511293	123.712	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	280050	55.931	ng	99

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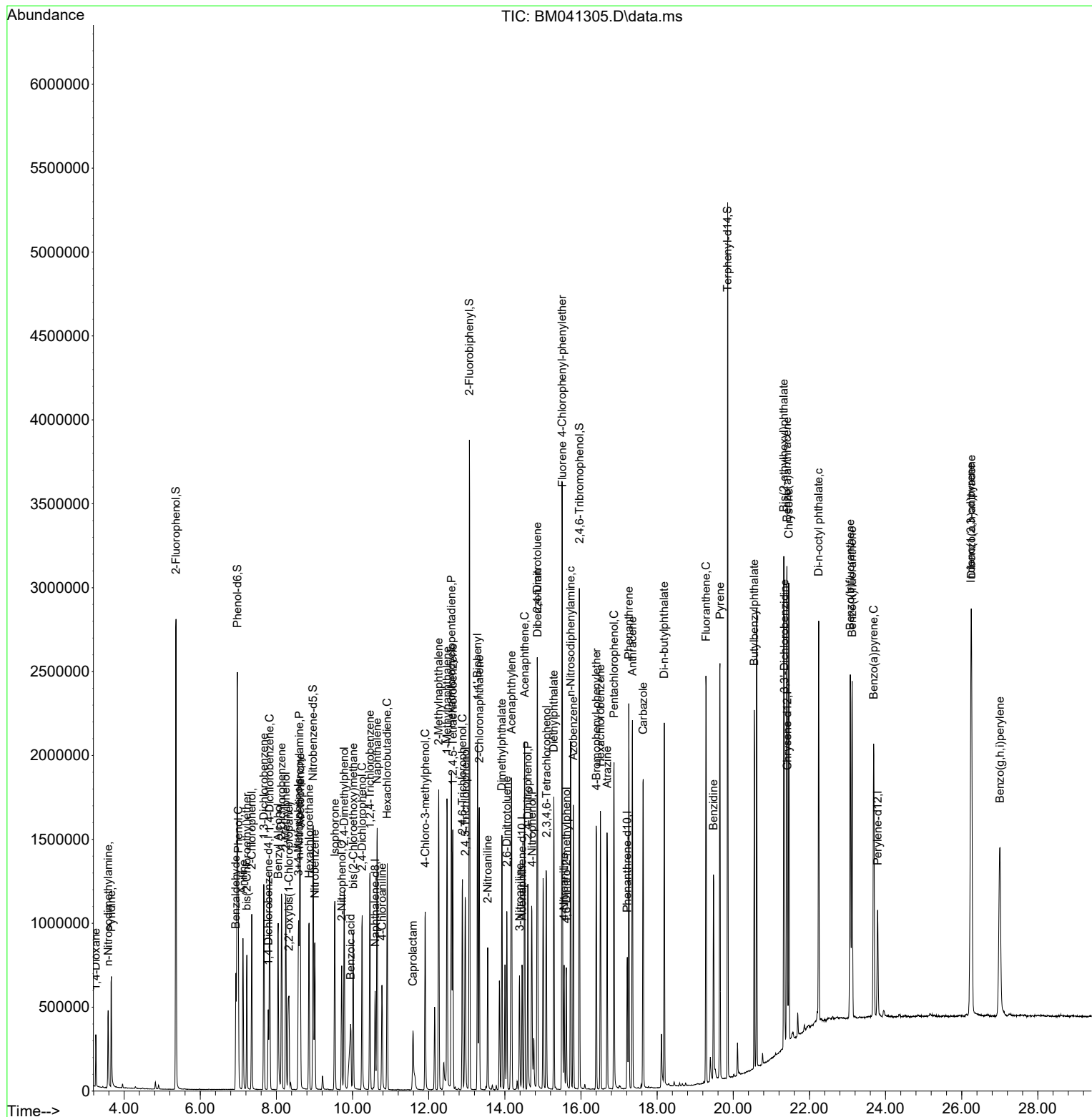
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	301347	51.999	ng	96
46) 1,1'-Biphenyl	13.280	154	995978	51.066	ng	99
47) 2-Chloronaphthalene	13.327	162	780466	53.593	ng	98
48) 2-Nitroaniline	13.551	65	229402	49.350	ng	96
49) Acenaphthylene	14.174	152	1212920	51.601	ng	100
50) Dimethylphthalate	13.921	163	909482	50.256	ng	100
51) 2,6-Dinitrotoluene	14.051	165	198129	52.838	ng	98
52) Acenaphthene	14.521	154	693405	48.968	ng	100
53) 3-Nitroaniline	14.386	138	162651	38.050	ng	96
54) 2,4-Dinitrophenol	14.604	184	251887	98.054	ng	90
55) Dibenzofuran	14.857	168	1125315	48.707	ng	100
56) 4-Nitrophenol	14.710	139	307116	98.274	ng	94
57) 2,4-Dinitrotoluene	14.851	165	262582	48.979	ng	94
58) Fluorene	15.509	166	885204	48.568	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	251030	53.492	ng	97
60) Diethylphthalate	15.286	149	881730	50.382	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	469265	51.380	ng	97
62) 4-Nitroaniline	15.557	138	173545	43.792	ng	96
63) Azobenzene	15.798	77	903162	47.113	ng	98
65) 4,6-Dinitro-2-methylph...	15.615	198	152982	54.479	ng	89
66) n-Nitrosodiphenylamine	15.727	169	733530	50.881	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	279251	54.945	ng	98
68) Hexachlorobenzene	16.509	284	321690	56.922	ng	99
69) Atrazine	16.686	200	259424	68.522	ng	99
70) Pentachlorophenol	16.868	266	359713	91.920	ng	99
71) Phenanthrene	17.256	178	1276599	49.568	ng	100
72) Anthracene	17.351	178	1291481	50.702	ng	100
73) Carbazole	17.633	167	1144716	49.653	ng	99
74) Di-n-butylphthalate	18.186	149	1443317	55.402	ng	99
75) Fluoranthene	19.286	202	1430612	49.443	ng	98
77) Benzidine	19.480	184	759214	140.168	ng	100
78) Pyrene	19.650	202	1472068	52.970	ng	99
80) Butylbenzylphthalate	20.550	149	607989	59.909	ng	100
81) Benzo(a)anthracene	21.409	228	1424245	52.867	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	506807	57.652	ng	99
83) Chrysene	21.456	228	1299787	49.881	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	888277	54.740	ng	# 98
85) Di-n-octyl phthalate	22.244	149	1521044	59.303	ng	96
87) Indeno(1,2,3-cd)pyrene	26.244	276	1869626	55.029	ng	96
88) Benzo(b)fluoranthene	23.074	252	1479168	53.881	ng	98
89) Benzo(k)fluoranthene	23.121	252	1372166	48.864	ng	99
90) Benzo(a)pyrene	23.685	252	1294823	49.087	ng	98
91) Dibenzo(a,h)anthracene	26.256	278	1587210	56.009	ng	97
92) Benzo(g,h,i)perylene	27.003	276	1498413	54.038	ng	96

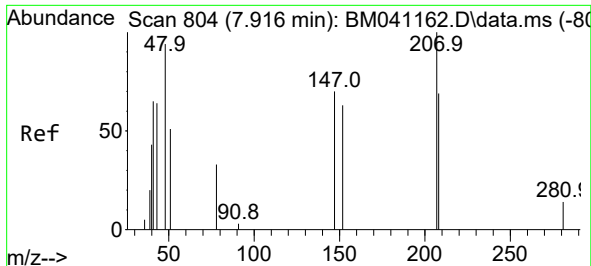
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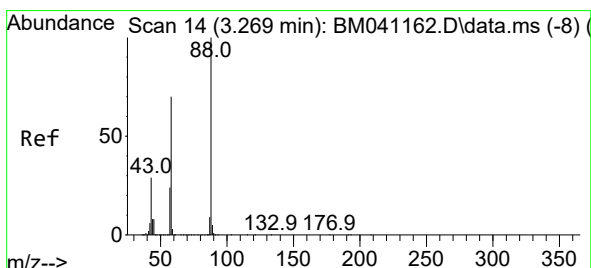
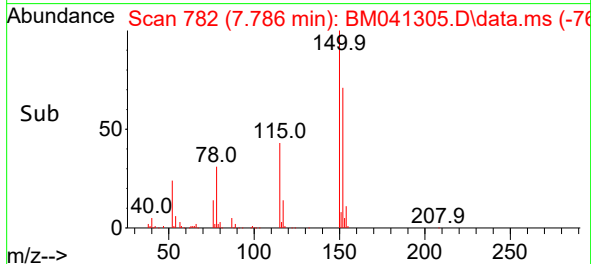
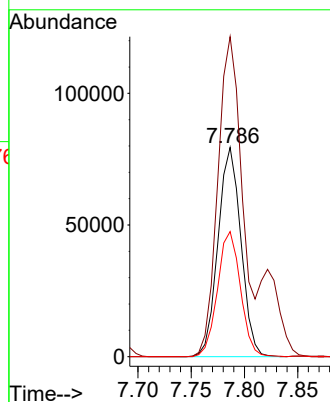
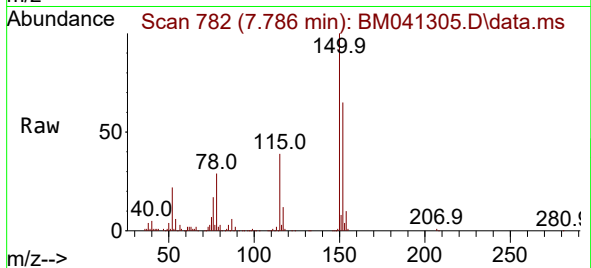




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

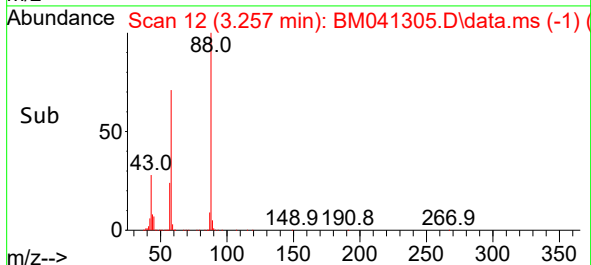
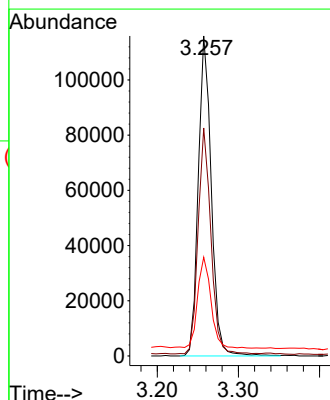
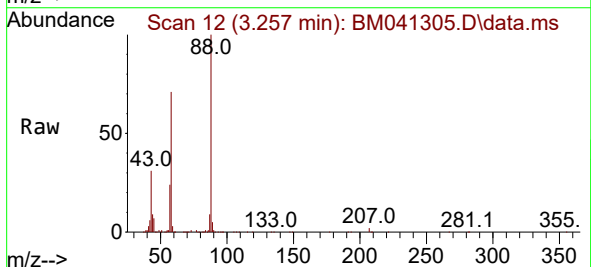
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BNA_M
ClientSampleId :
PB154530BS

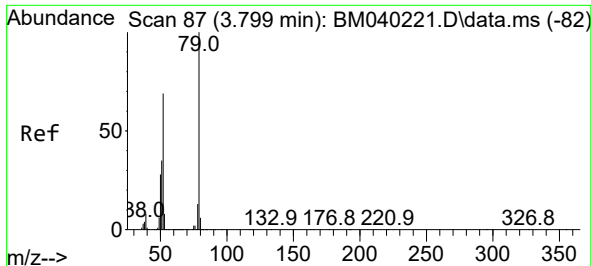
Tgt Ion:152 Resp: 118701
Ion Ratio Lower Upper
152 100
150 152.9 125.5 188.3
115 59.8 48.0 72.0



#2
1,4-Dioxane
Concen: 38.042 ng
RT: 3.257 min Scan# 12
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 88 Resp: 129249
Ion Ratio Lower Upper
88 100
58 69.3 58.2 87.4
43 29.2 24.4 36.6

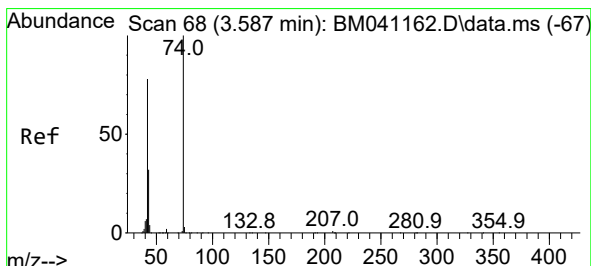
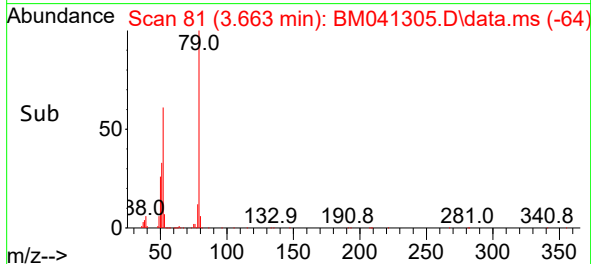
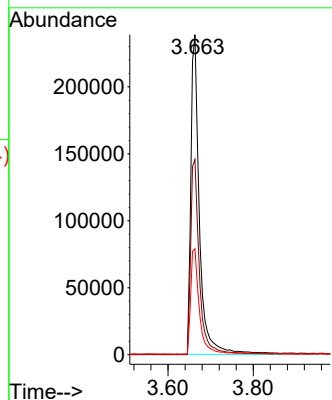
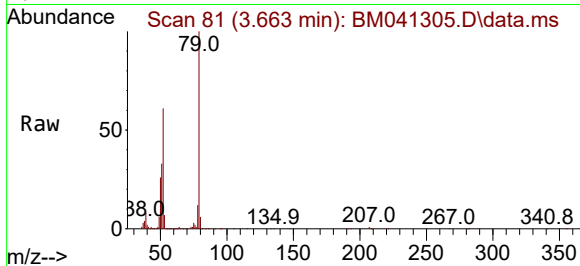




#3
 Pyridine
 Concen: 37.600 ng
 RT: 3.663 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041305.D
 Acq: 07 Aug 2023 10:34

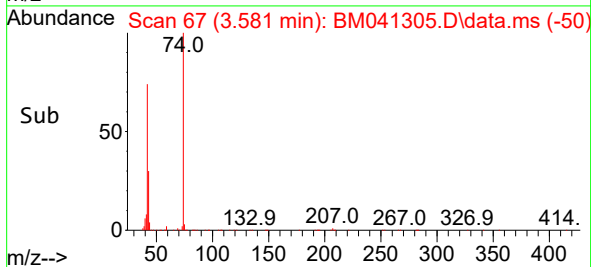
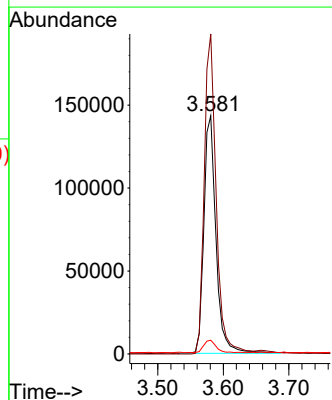
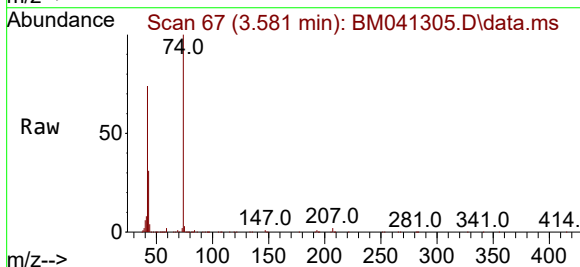
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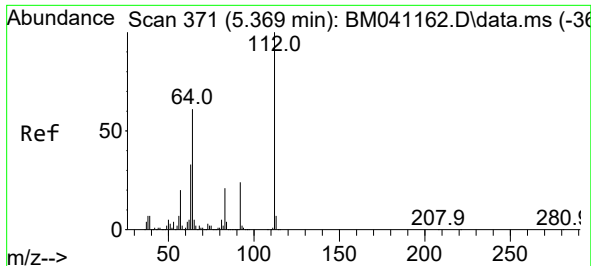
Tgt Ion: 79 Resp: 335894
 Ion Ratio Lower Upper
 79 100
 52 61.0 52.1 78.1
 51 33.1 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 44.656 ng
 RT: 3.581 min Scan# 67
 Delta R.T. -0.000 min
 Lab File: BM041305.D
 Acq: 07 Aug 2023 10:34

Tgt Ion: 42 Resp: 184501
 Ion Ratio Lower Upper
 42 100
 74 134.3 100.8 151.2
 44 5.8 5.0 7.4

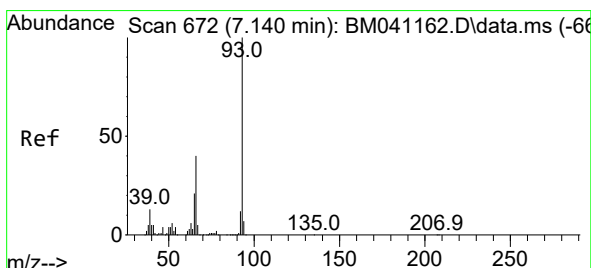
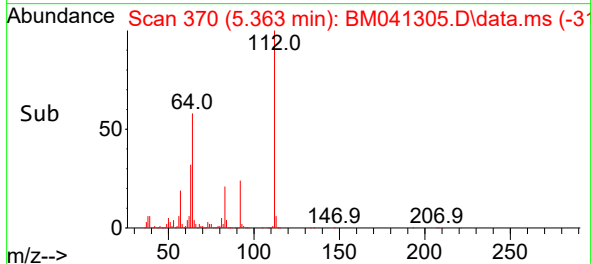
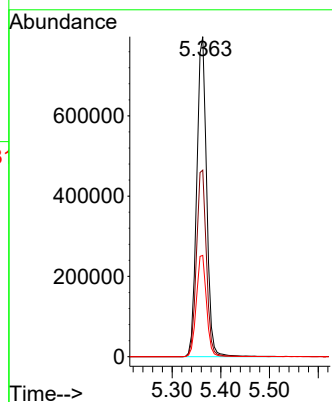
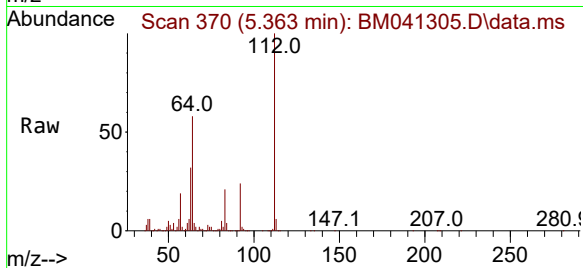




#5
2-Fluorophenol
Concen: 142.854 ng
RT: 5.363 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

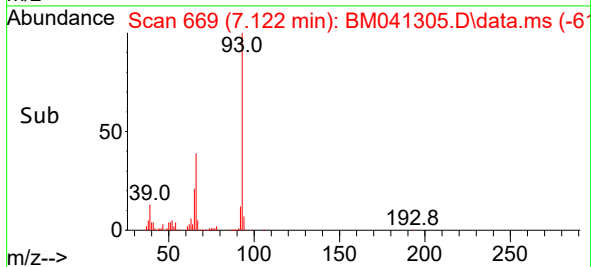
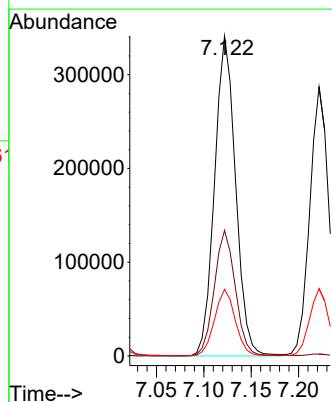
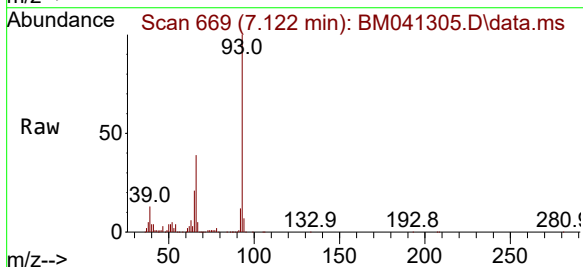
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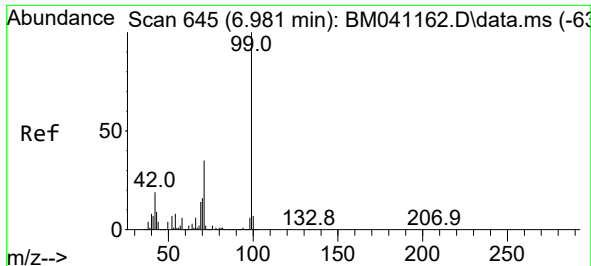
Tgt Ion:112 Resp: 1134556
Ion Ratio Lower Upper
112 100
64 58.3 48.5 72.7
63 31.7 26.5 39.7



#6
Aniline
Concen: 43.646 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 93 Resp: 525845
Ion Ratio Lower Upper
93 100
66 39.3 32.0 48.0
65 20.8 16.6 24.8



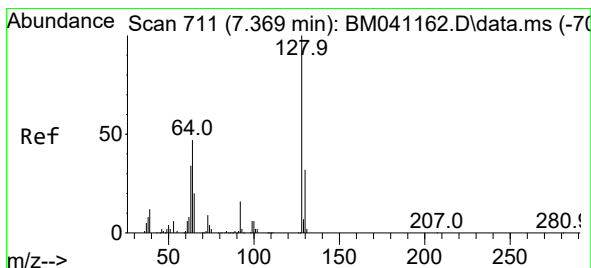
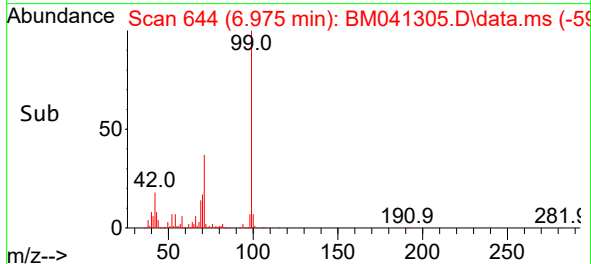
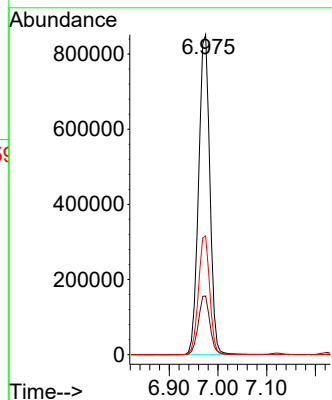
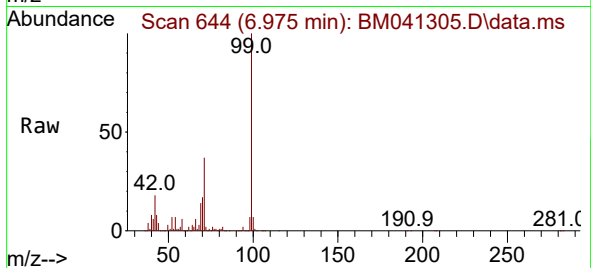


#7
Phenol-d6
Concen: 133.322 ng
RT: 6.975 min Scan# 645
Delta R.T. 0.006 min
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Tgt Ion: 99 Resp: 1372531

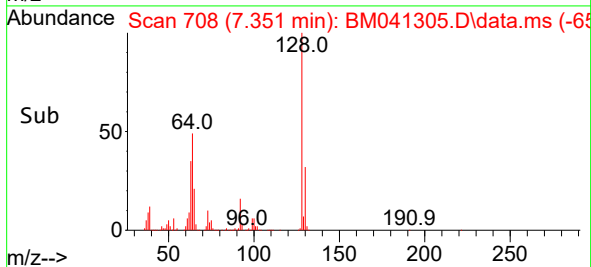
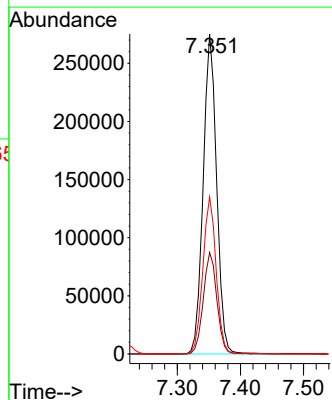
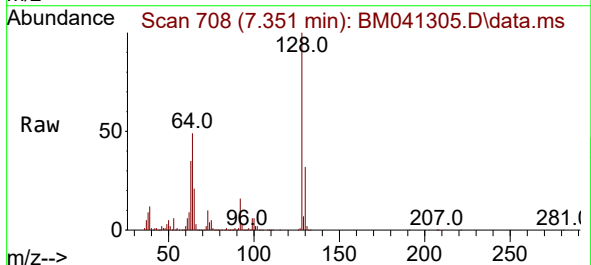
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	37.1	28.2	42.4

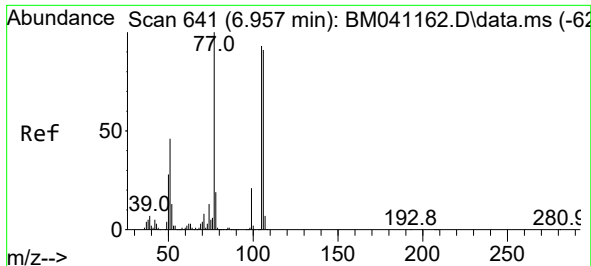


#8
2-Chlorophenol
Concen: 52.615 ng
RT: 7.351 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM041305.D
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Tgt Ion:128 Resp: 407944

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.3	52.3
64	49.0	29.3	69.3

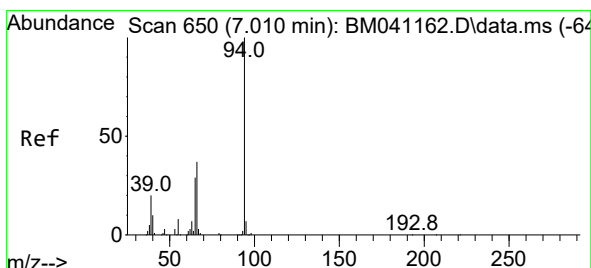
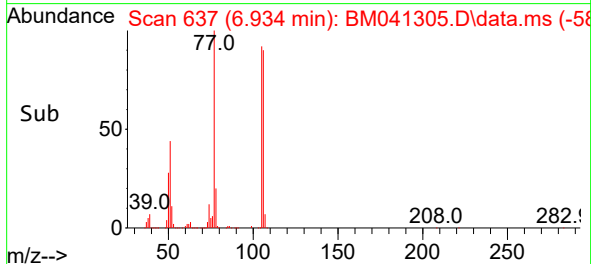
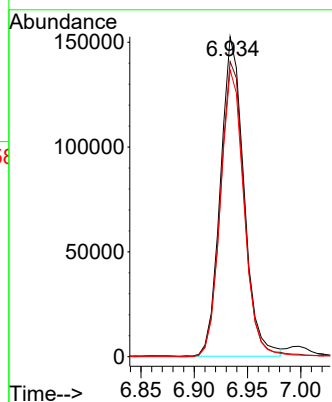
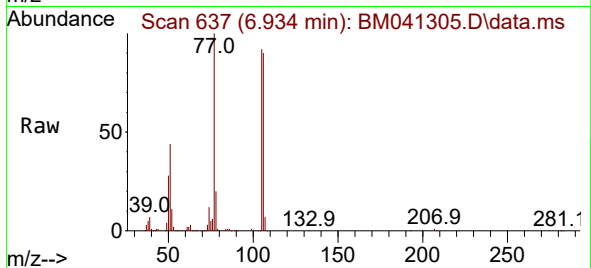




#9
Benzaldehyde
Concen: 42.892 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
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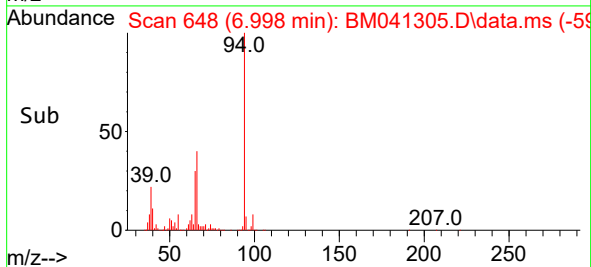
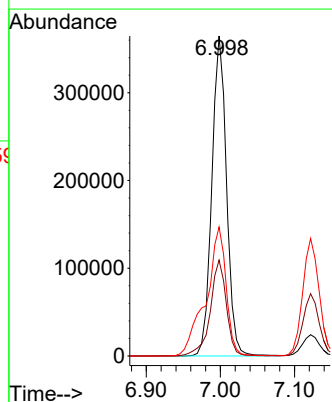
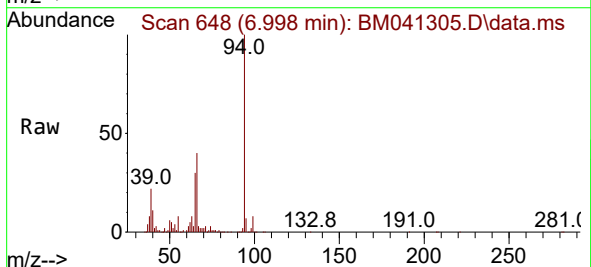
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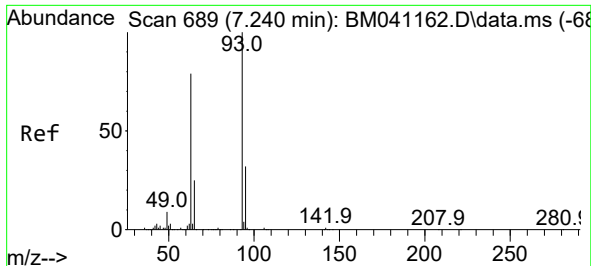
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Ion Ratio Lower Upper
77 100
105 92.2 72.8 112.8
106 89.6 70.8 110.8



#10
Phenol
Concen: 50.558 ng
RT: 6.998 min Scan# 648
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 94 Resp: 502706
Ion Ratio Lower Upper
94 100
65 30.0 9.5 49.5
66 40.3 18.0 58.0

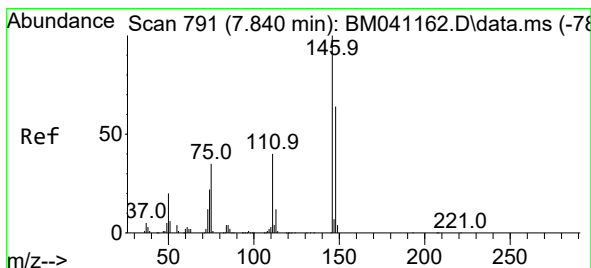
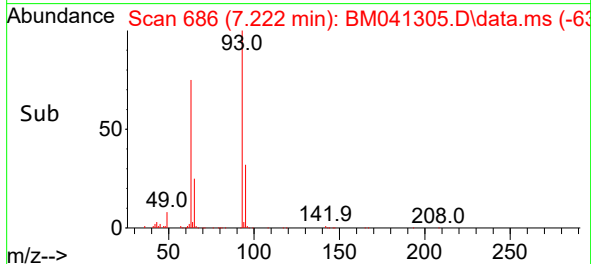
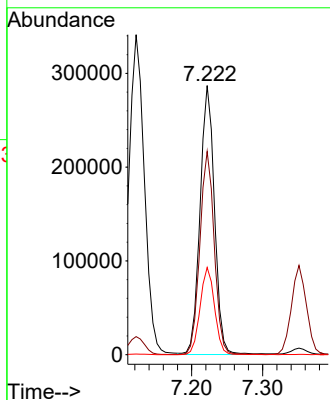
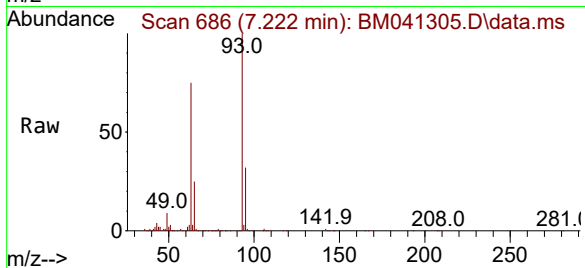




#11
bis(2-Chloroethyl)ether
Concen: 50.568 ng
RT: 7.222 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

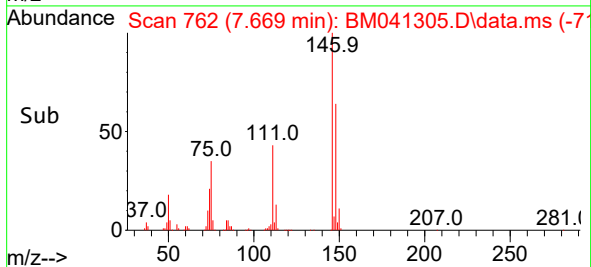
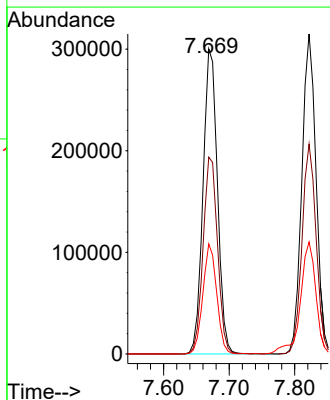
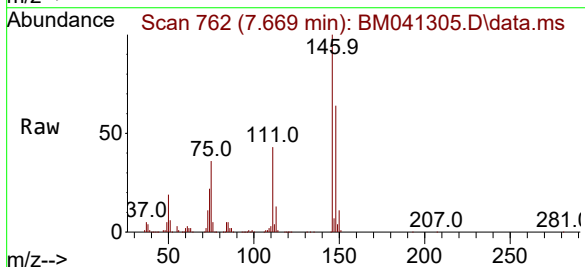
Instrument :
BNA_M
ClientSampleId :
PB154530BS

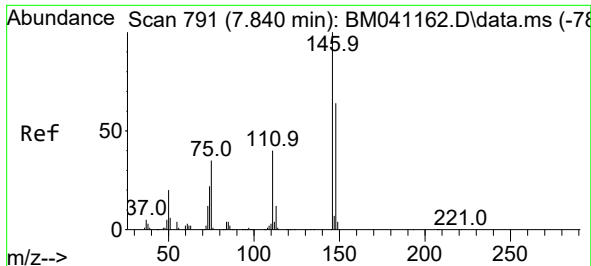
Tgt Ion: 93 Resp: 407003
Ion Ratio Lower Upper
93 100
63 75.5 58.8 98.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 54.487 ng
RT: 7.669 min Scan# 762
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 146 Resp: 459859
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 36.1 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 55.614 ng

RT: 7.822 min Scan# 791

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

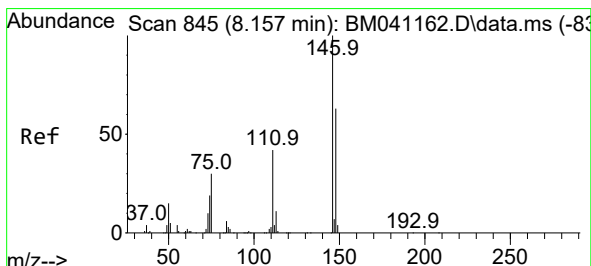
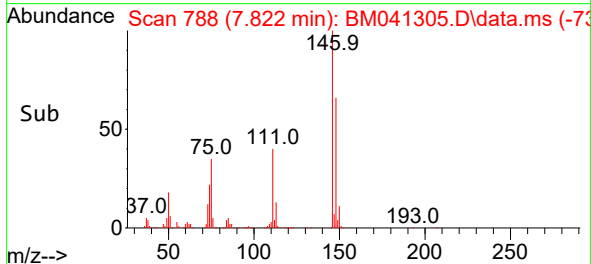
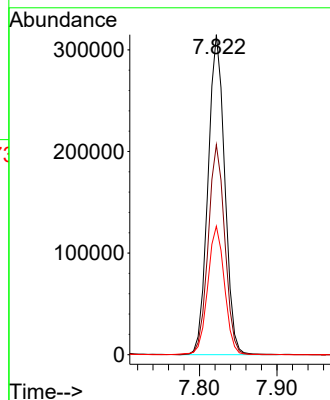
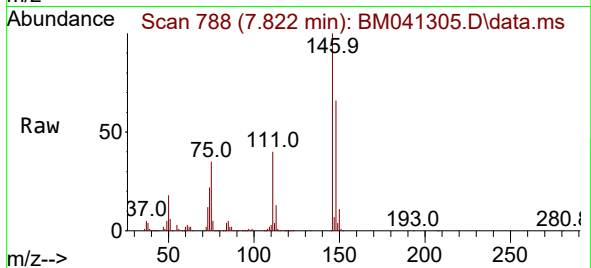
Tgt Ion:146 Resp: 471771

Ion Ratio Lower Upper

146 100

148 65.6 51.4 77.0

111 40.1 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 55.236 ng

RT: 8.133 min Scan# 841

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

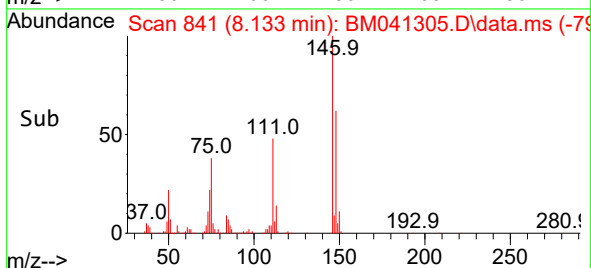
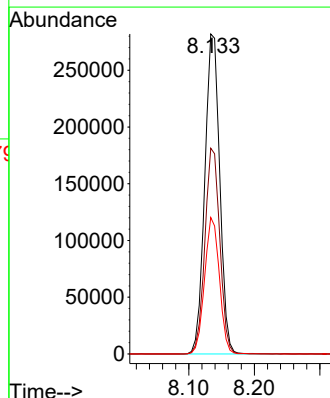
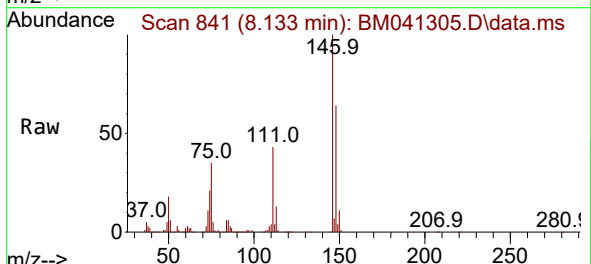
Tgt Ion:146 Resp: 449268

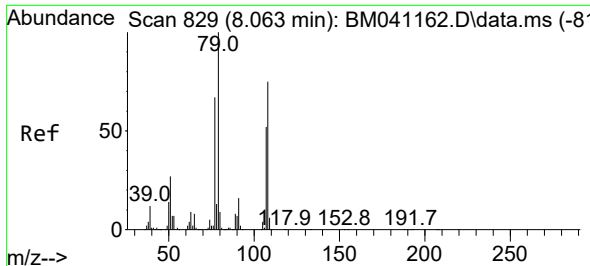
Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

111 42.6 33.8 50.6

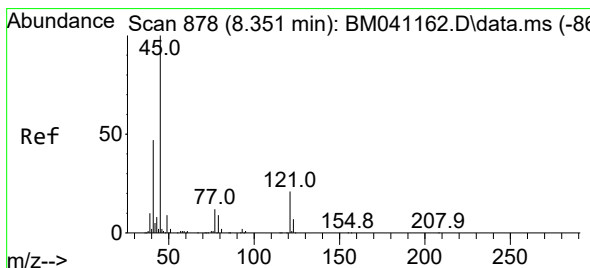
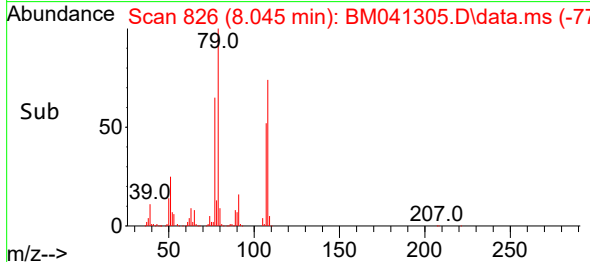
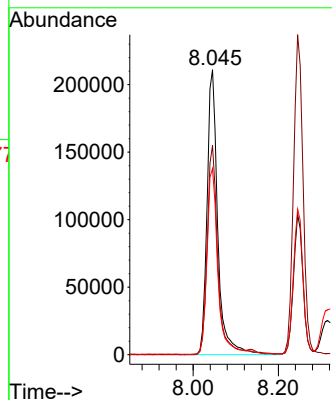
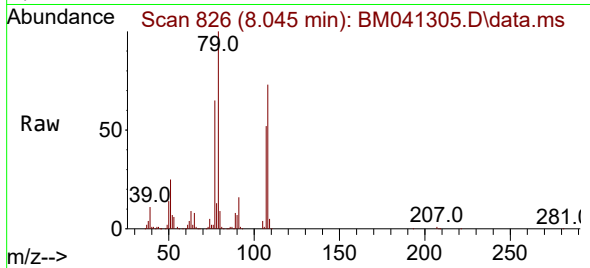




#15
Benzyl Alcohol
Concen: 56.746 ng
RT: 8.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

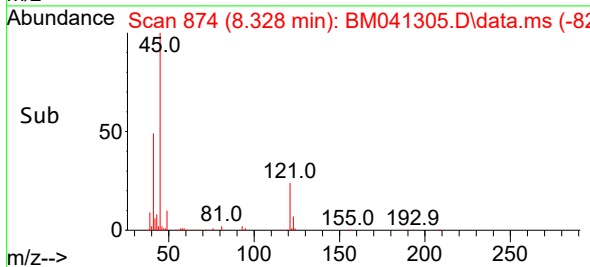
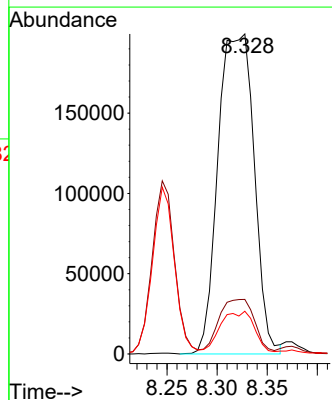
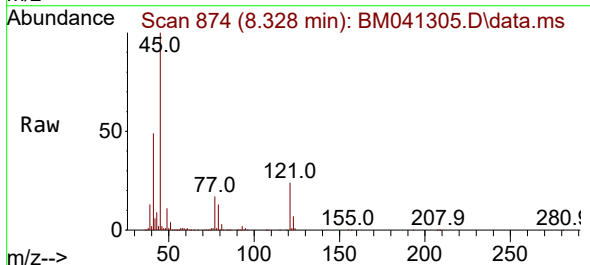
Instrument :
BNA_M
ClientSampleId :
PB154530BS

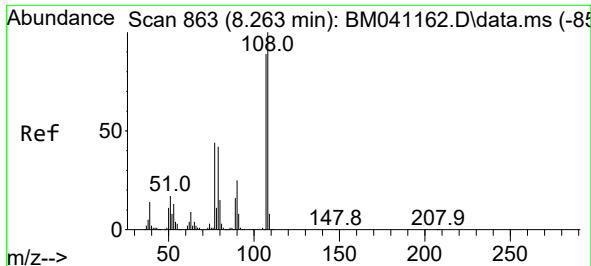
Tgt Ion: 79 Resp: 368922
Ion Ratio Lower Upper
79 100
108 73.5 59.8 89.8
77 65.3 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.491 ng
RT: 8.328 min Scan# 874
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 45 Resp: 498564
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.5
79 13.4 0.0 32.1

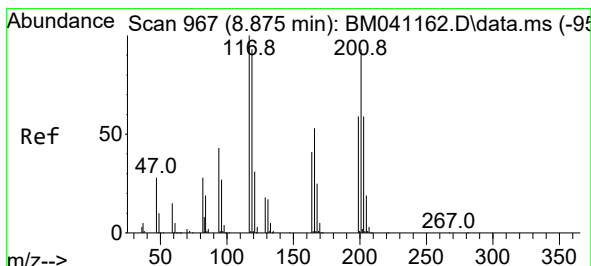
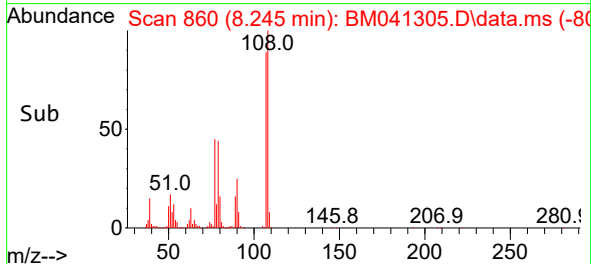
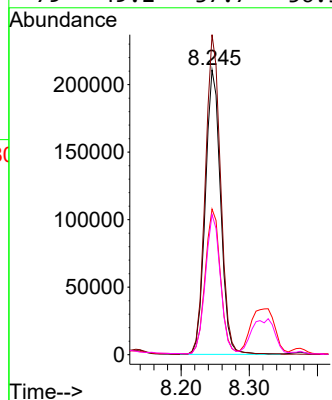
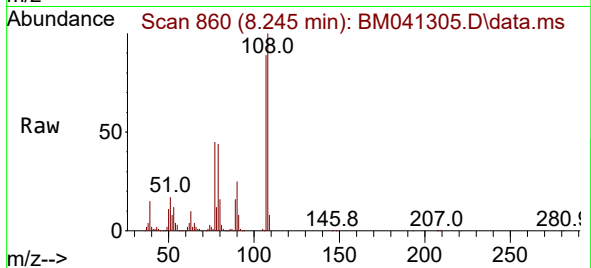




#17
2-Methylphenol
Concen: 48.271 ng
RT: 8.245 min Scan# 860
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

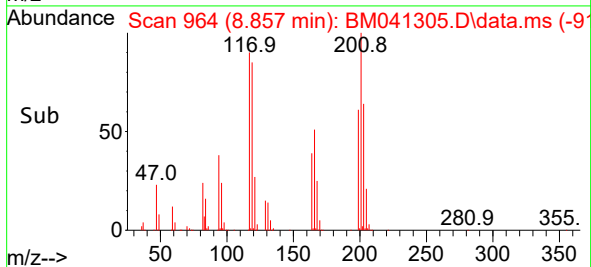
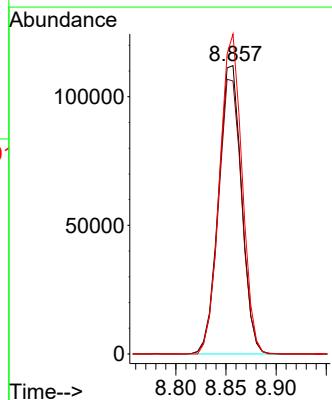
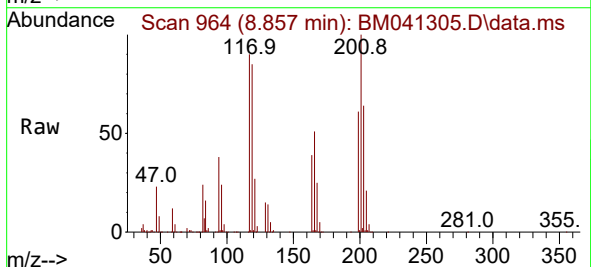
Instrument :
BNA_M
ClientSampleId :
PB154530BS

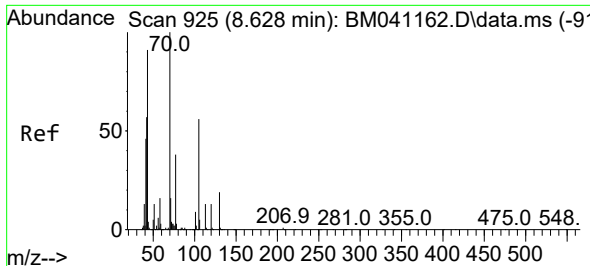
Tgt Ion:107 Resp: 327909
Ion Ratio Lower Upper
107 100
108 112.3 89.9 134.9
77 51.1 39.8 59.8
79 49.2 37.7 56.5



#18
Hexachloroethane
Concen: 56.755 ng
RT: 8.857 min Scan# 964
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:117 Resp: 179238
Ion Ratio Lower Upper
117 100
119 94.6 74.2 111.4
201 111.0 74.5 111.7

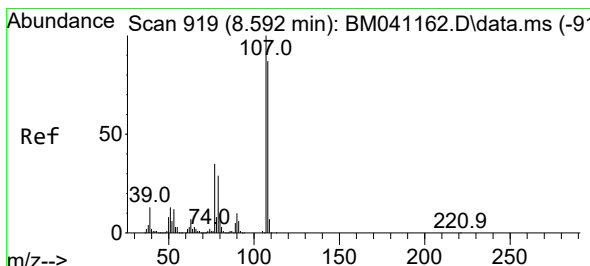
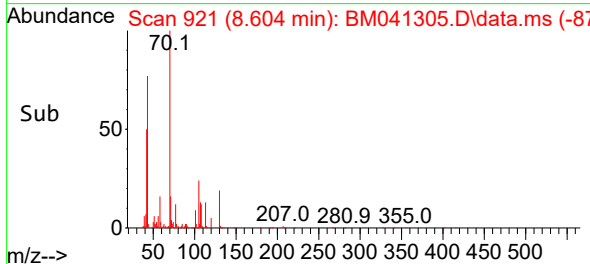
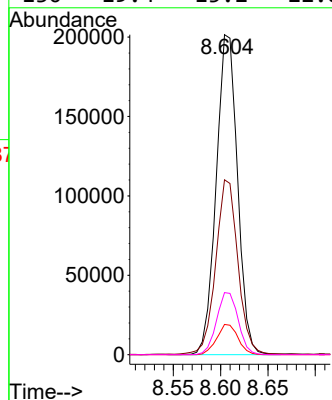
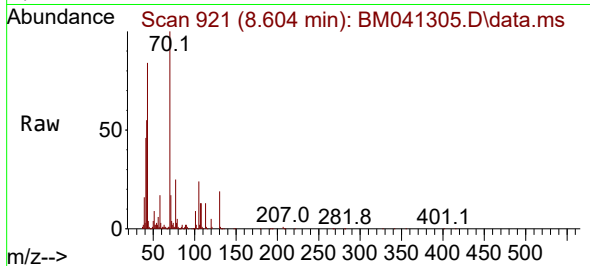




#19
n-Nitroso-di-n-propylamine
Concen: 50.578 ng
RT: 8.604 min Scan# 917
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

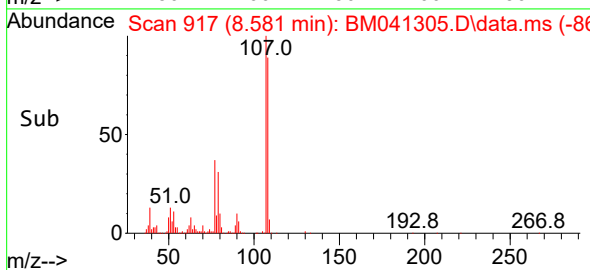
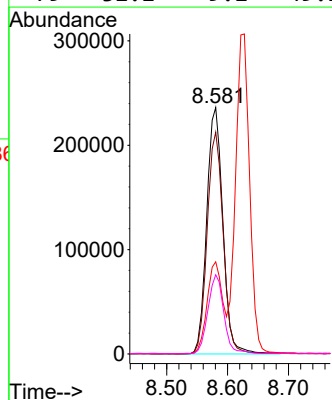
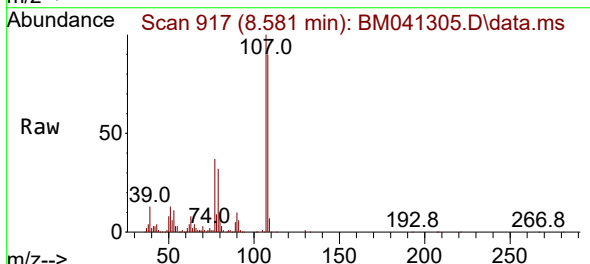
Instrument :
BNA_M
ClientSampleId :
PB154530BS

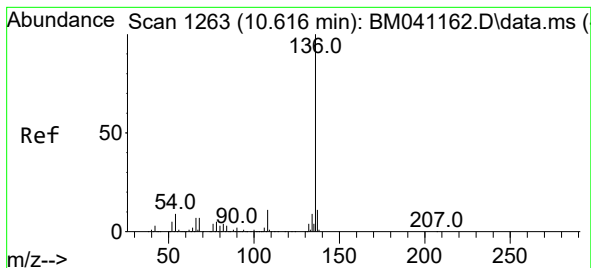
Tgt Ion: 70 Resp: 316265
Ion Ratio Lower Upper
70 100
42 54.7 45.8 68.8
101 9.5 7.4 11.0
130 19.4 15.2 22.8



#20
3+4-Methylphenols
Concen: 47.933 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 107 Resp: 435361
Ion Ratio Lower Upper
107 100
108 90.0 67.2 107.2
77 37.4 15.4 55.4
79 32.2 9.2 49.2

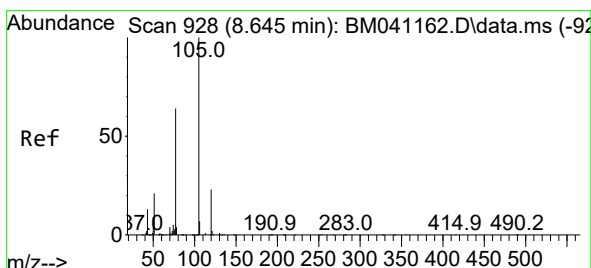
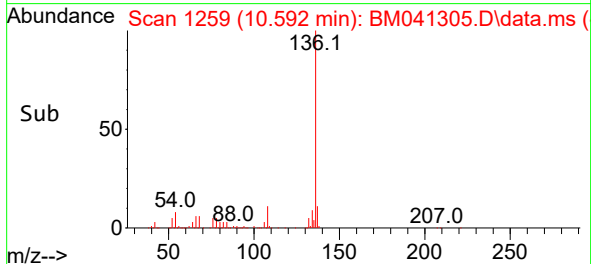
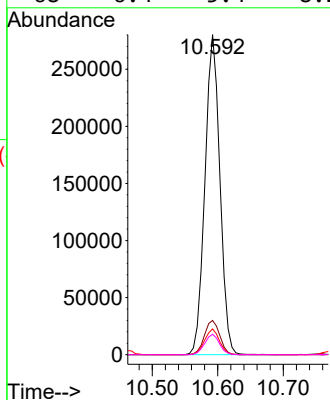
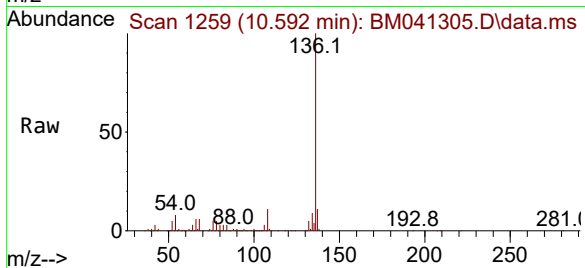




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

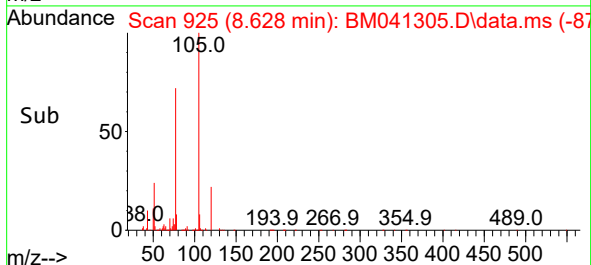
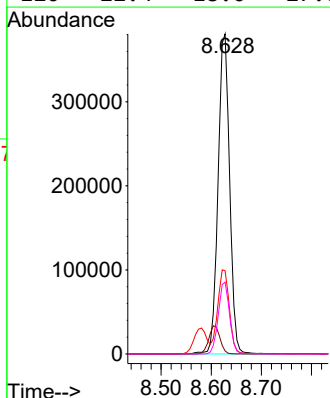
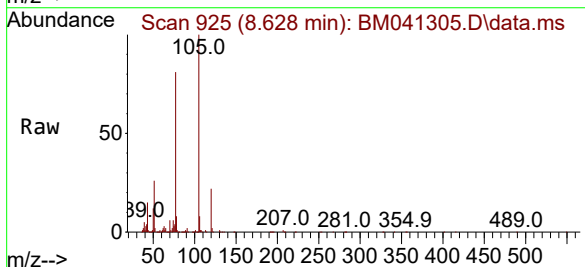
Instrument :
BNA_M
ClientSampleId :
PB154530BS

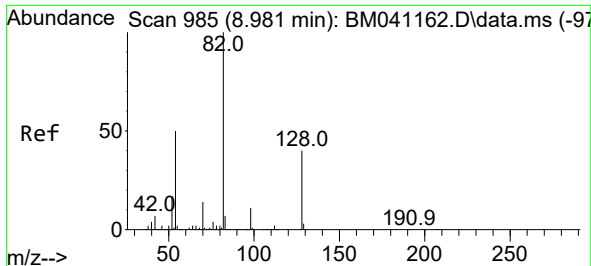
Tgt Ion:136 Resp: 445185
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 6.9 10.3
68 6.4 5.4 8.2



#22
Acetophenone
Concen: 51.619 ng
RT: 8.628 min Scan# 925
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:105 Resp: 608610
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 26.0 22.0 33.0
120 22.4 18.0 27.0

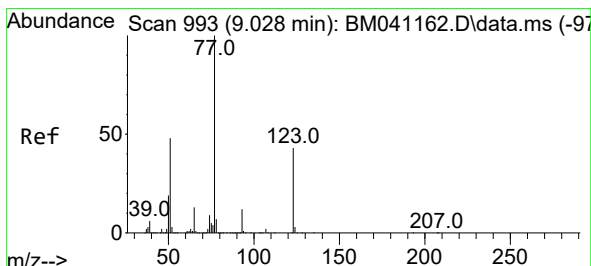
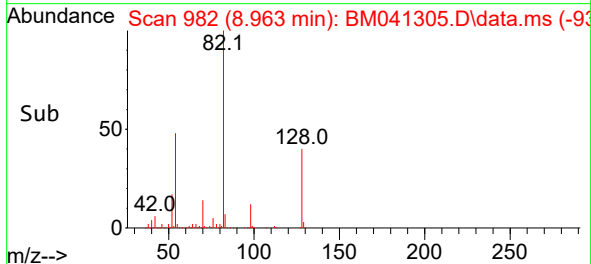
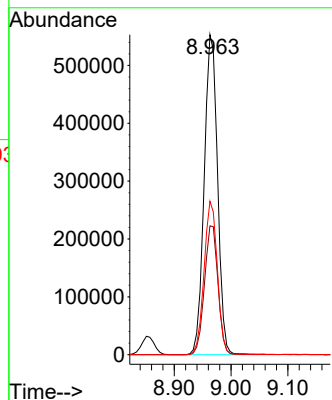
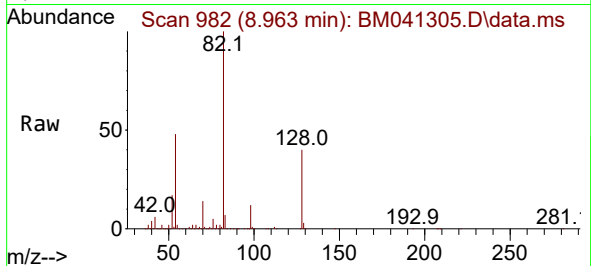




#23
Nitrobenzene-d5
Concen: 94.329 ng
RT: 8.963 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

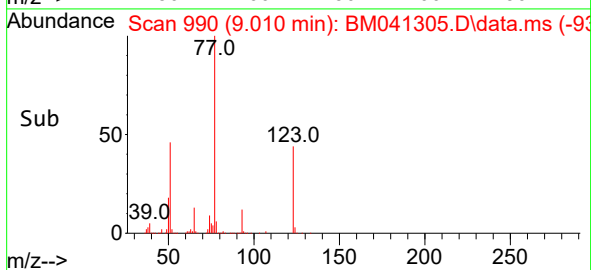
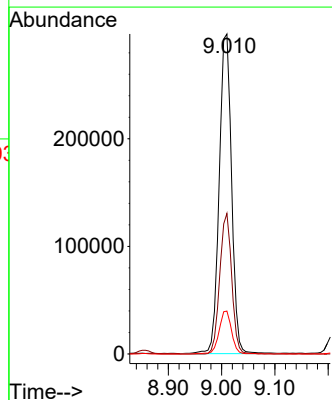
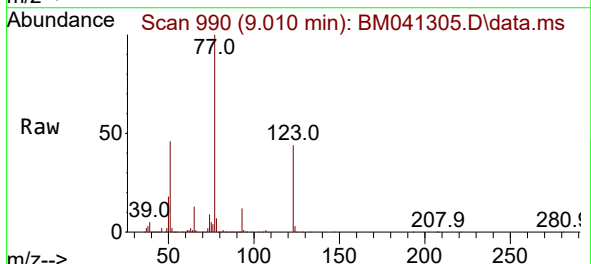
Instrument :
BNA_M
ClientSampleId :
PB154530BS

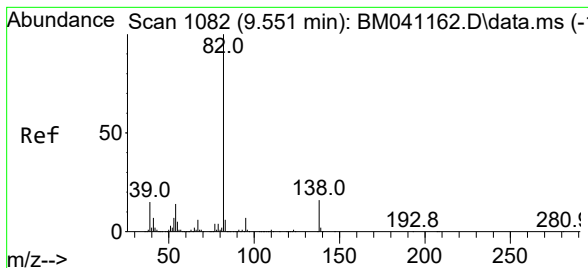
Tgt Ion: 82 Resp: 903004
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 48.0 40.1 60.1



#24
Nitrobenzene
Concen: 49.318 ng
RT: 9.010 min Scan# 990
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 77 Resp: 477444
Ion Ratio Lower Upper
77 100
123 43.9 34.2 51.2
65 13.4 10.7 16.1





#25

Isophorone

Concen: 51.066 ng

RT: 9.533 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

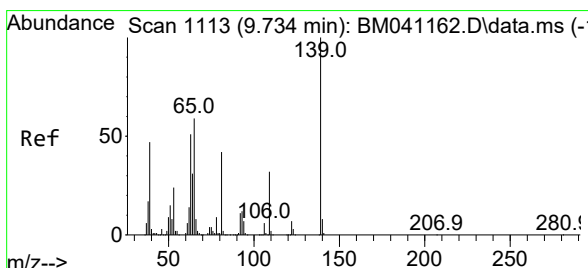
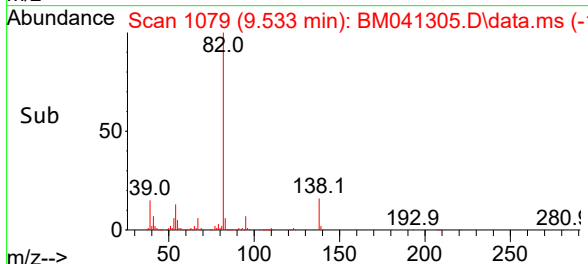
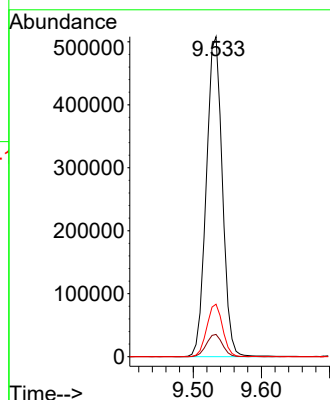
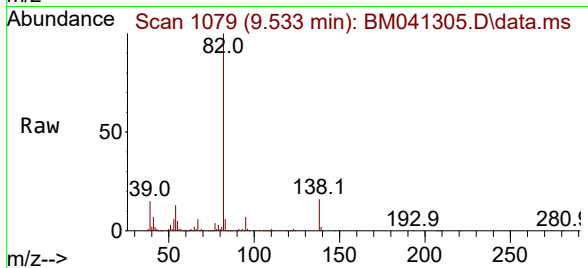
Tgt Ion: 82 Resp: 829829

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 16.4 12.8 19.2



#26

2-Nitrophenol

Concen: 57.717 ng

RT: 9.716 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

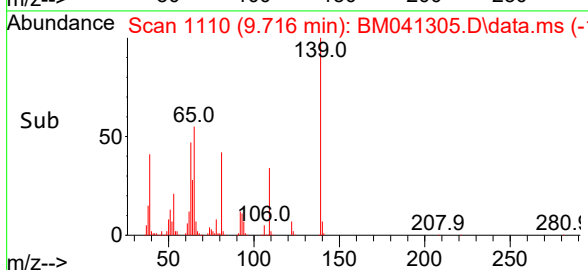
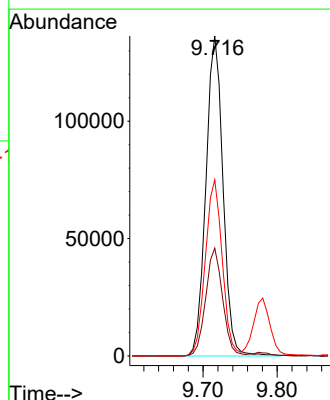
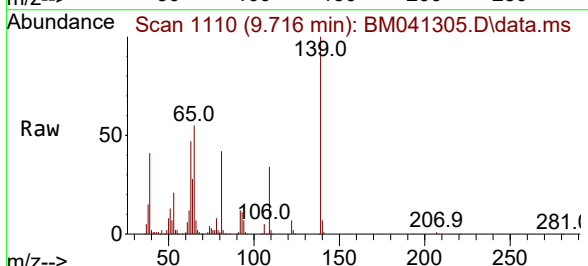
Tgt Ion: 139 Resp: 218427

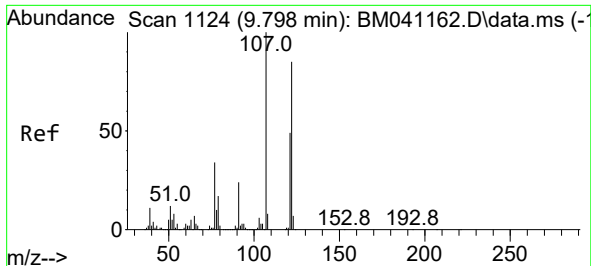
Ion Ratio Lower Upper

139 100

109 33.7 25.4 38.2

65 55.0 47.2 70.8

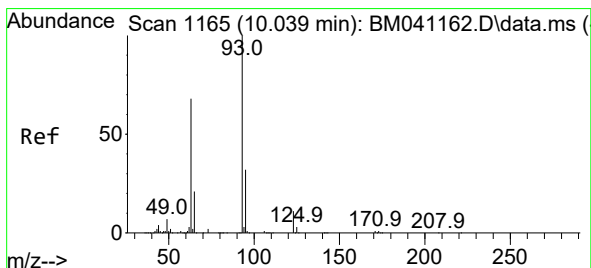
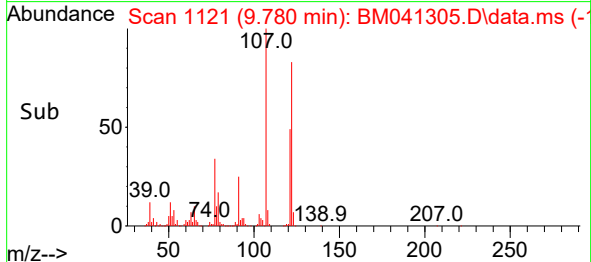
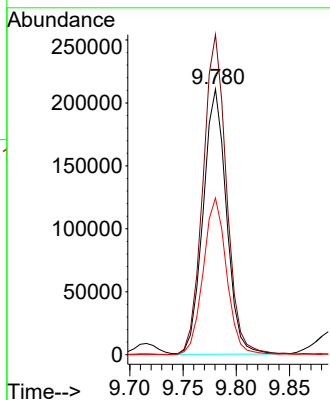
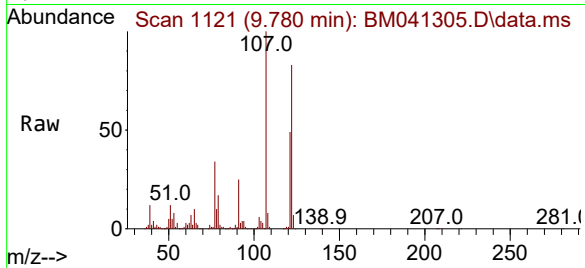




#27
2,4-Dimethylphenol
Concen: 48.147 ng
RT: 9.780 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

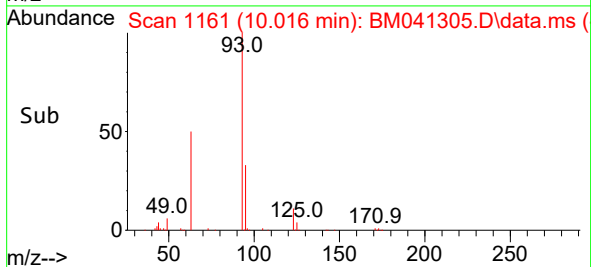
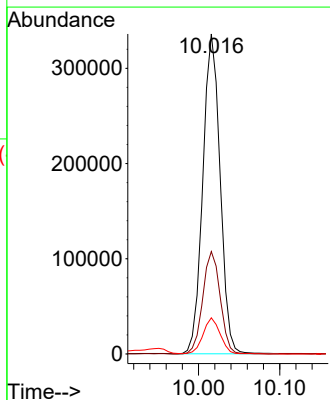
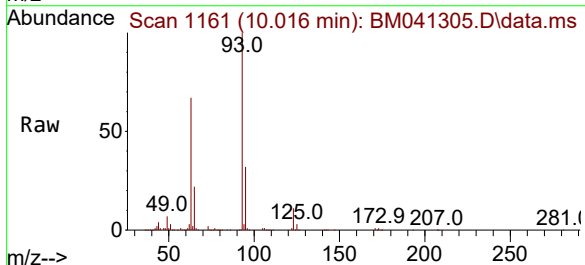
Instrument :
BNA_M
ClientSampleId :
PB154530BS

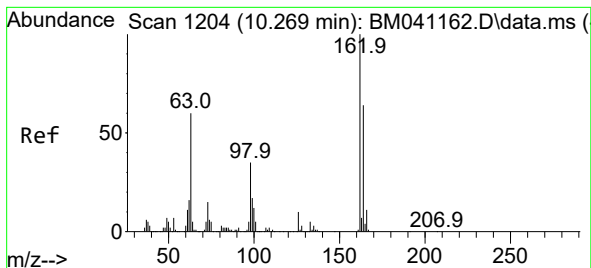
Tgt Ion:122 Resp: 320633
Ion Ratio Lower Upper
122 100
107 120.5 94.3 141.5
121 59.0 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.834 ng
RT: 10.016 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 93 Resp: 497084
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 11.3 9.1 13.7

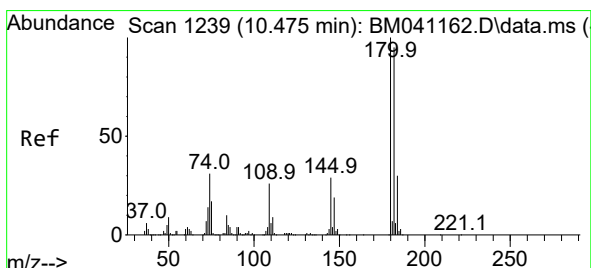
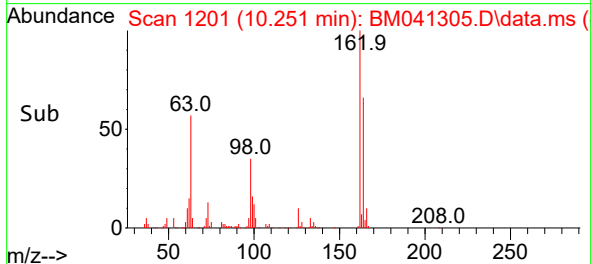
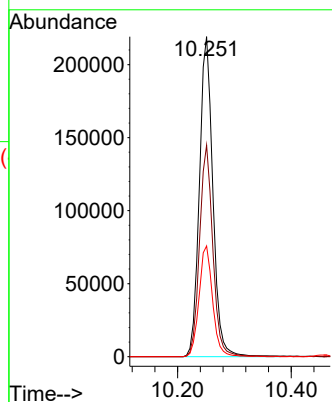
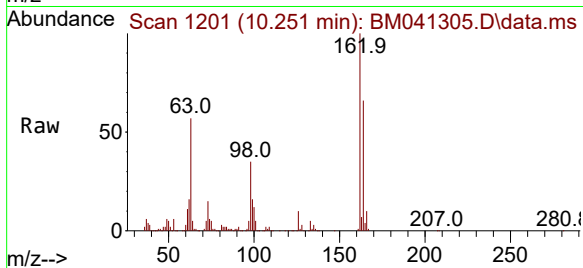




#29
2,4-Dichlorophenol
Concen: 53.848 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

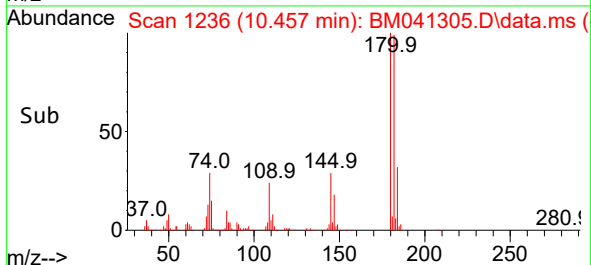
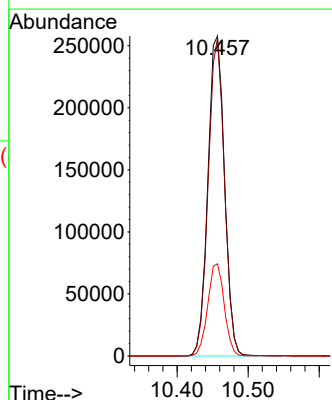
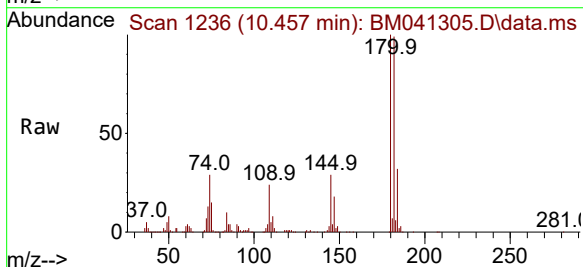
Instrument :
BNA_M
ClientSampleId :
PB154530BS

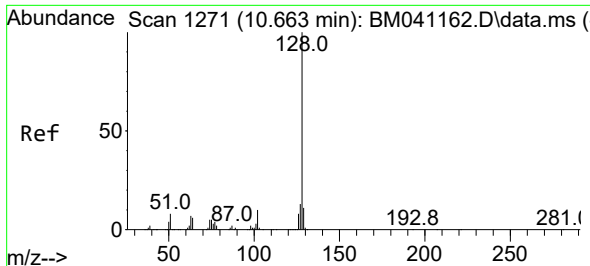
Tgt Ion:162 Resp: 361627
Ion Ratio Lower Upper
162 100
164 66.1 44.3 84.3
98 34.6 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 56.750 ng
RT: 10.457 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:180 Resp: 421074
Ion Ratio Lower Upper
180 100
182 99.3 75.9 113.9
145 28.8 23.6 35.4

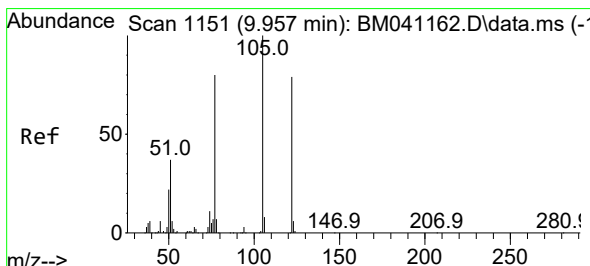
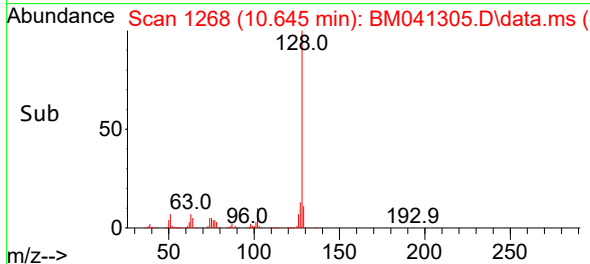
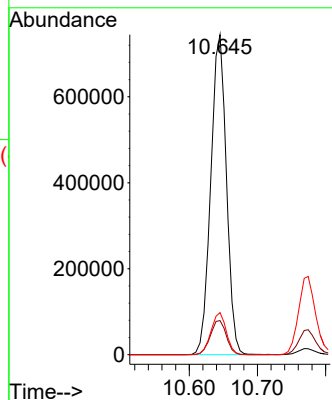
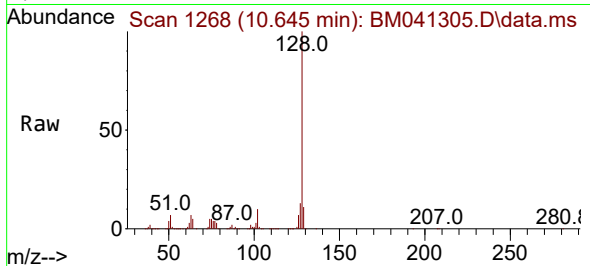




#31
Naphthalene
Concen: 49.217 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

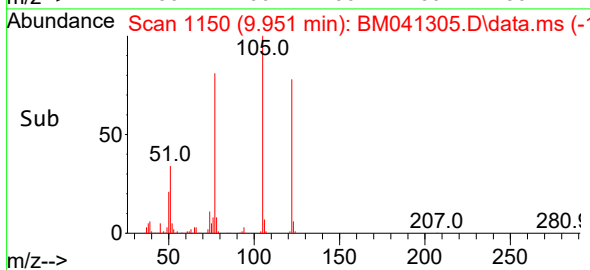
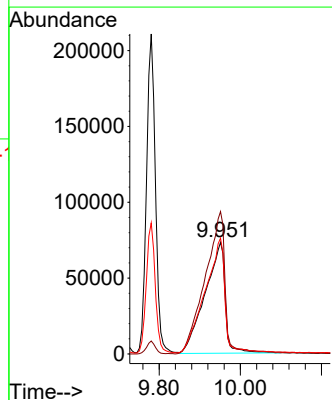
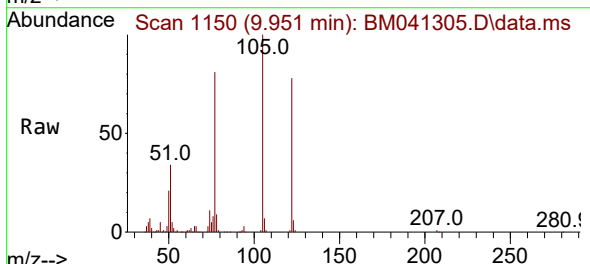
Instrument :
BNA_M
ClientSampleId :
PB154530BS

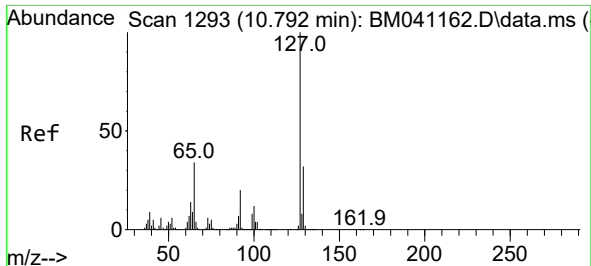
Tgt Ion:128 Resp: 1188986
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 49.690 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:122 Resp: 250010
Ion Ratio Lower Upper
122 100
105 127.5 104.0 144.0
77 103.7 79.9 119.9

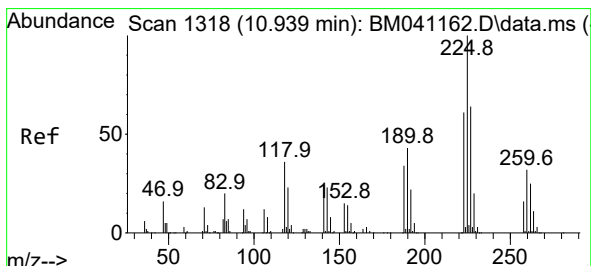
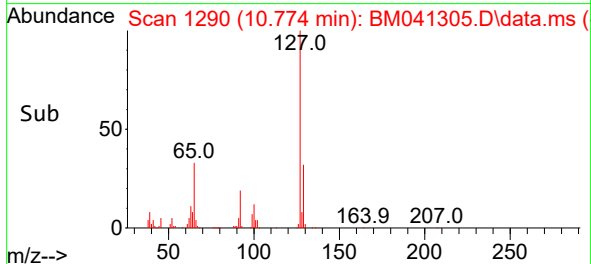
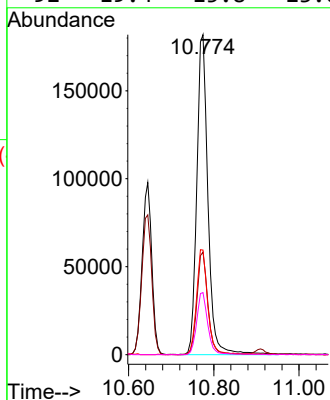
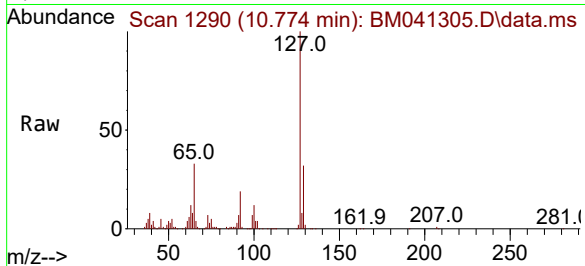




#33
4-Chloroaniline
Concen: 34.311 ng
RT: 10.774 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

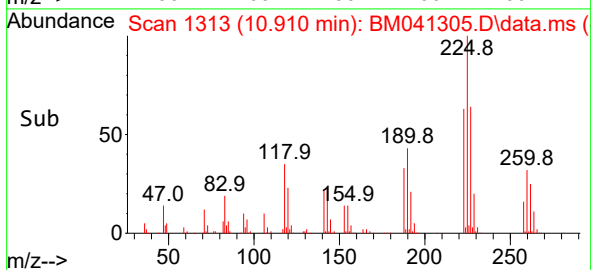
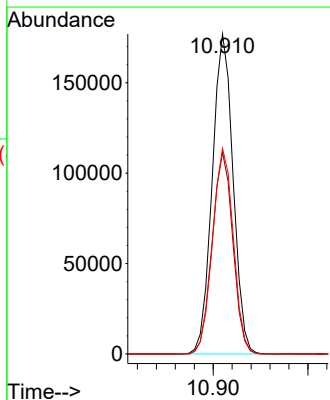
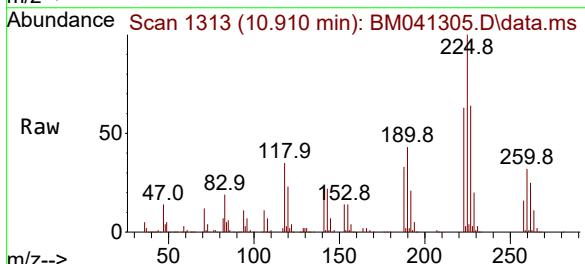
Instrument :
BNA_M
ClientSampleId :
PB154530BS

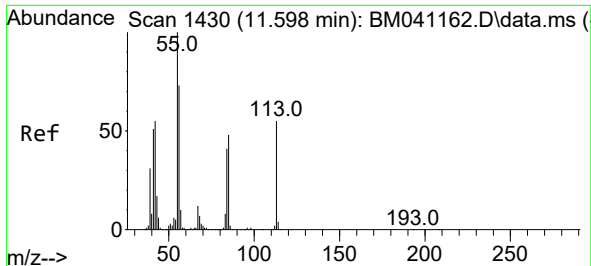
Tgt Ion:127	Resp: 331259
Ion Ratio	Lower Upper
127 100	
129 32.0	25.9 38.9
65 32.7	26.9 40.3
92 19.4	15.8 23.6



#34
Hexachlorobutadiene
Concen: 60.474 ng
RT: 10.910 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:225	Resp: 269864
Ion Ratio	Lower Upper
225 100	
223 62.9	49.0 73.4
227 64.3	50.8 76.2

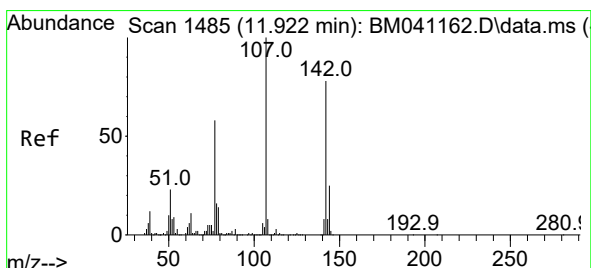
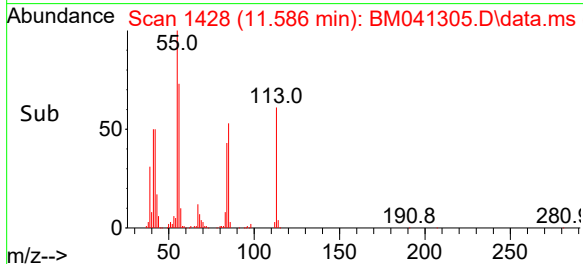
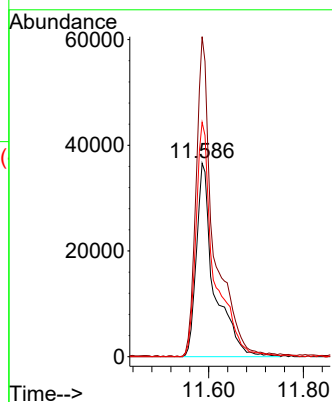
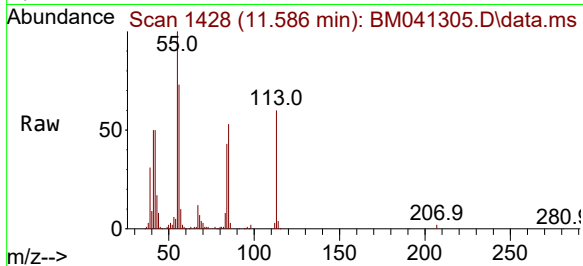




#35
Caprolactam
Concen: 49.093 ng
RT: 11.586 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

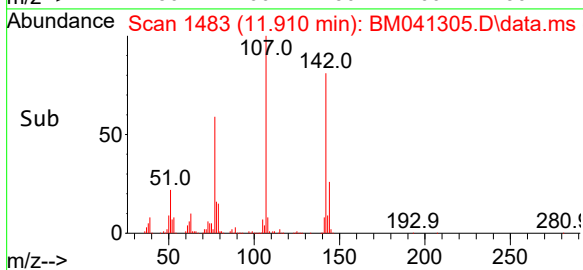
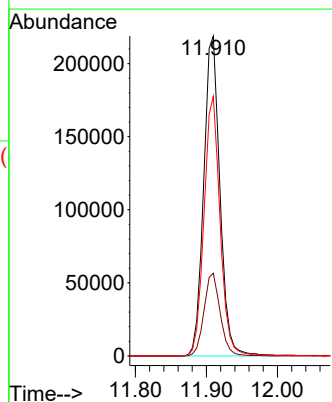
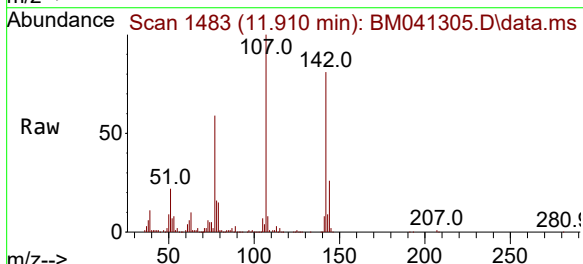
Instrument :
BNA_M
ClientSampleId :
PB154530BS

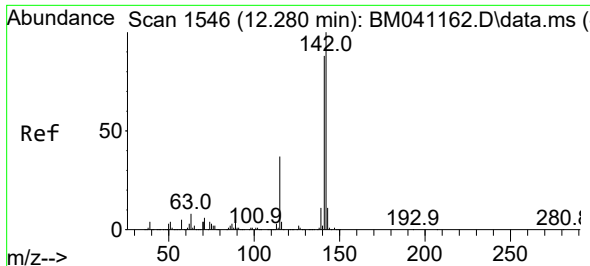
Tgt Ion:113 Resp: 95374
Ion Ratio Lower Upper
113 100
55 165.5 162.5 202.5
56 121.2 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 49.369 ng
RT: 11.910 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:107 Resp: 348964
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 81.1 62.2 93.4





#37

2-Methylnaphthalene

Concen: 48.024 ng

RT: 12.263 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

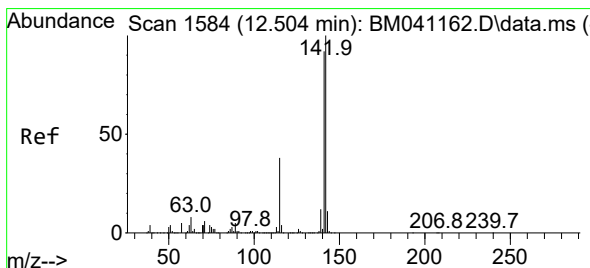
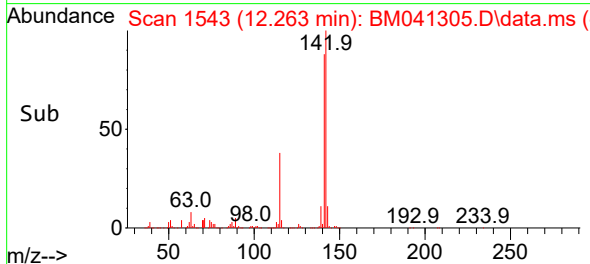
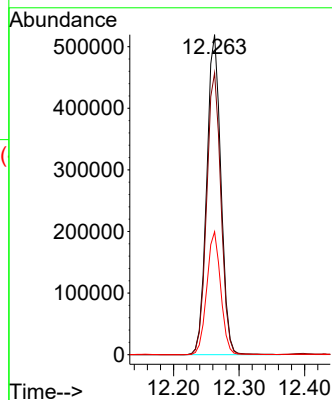
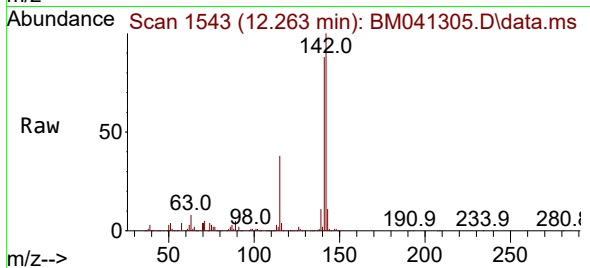
Tgt Ion:142 Resp: 782176

Ion Ratio Lower Upper

142 100

141 88.0 70.7 106.1

115 38.4 29.3 43.9



#38

1-Methylnaphthalene

Concen: 48.631 ng

RT: 12.480 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

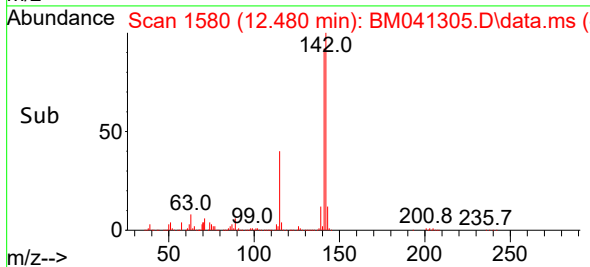
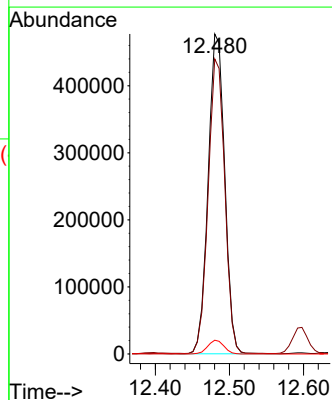
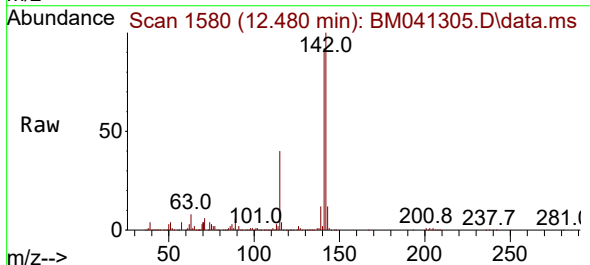
Tgt Ion:142 Resp: 741324

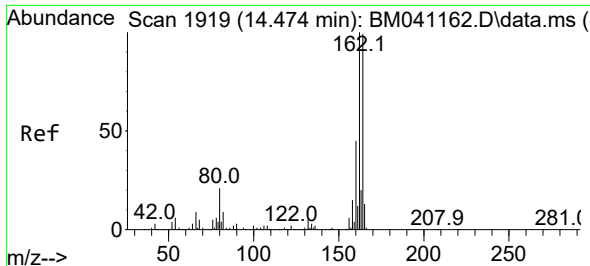
Ion Ratio Lower Upper

142 100

141 92.2 73.4 110.2

116 4.3 3.2 4.8

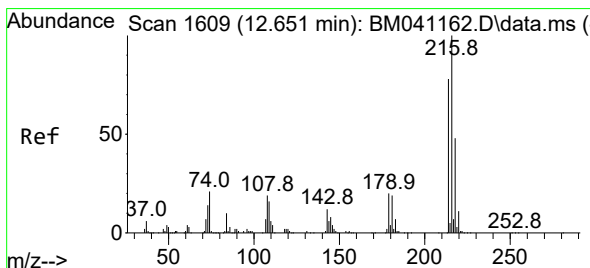
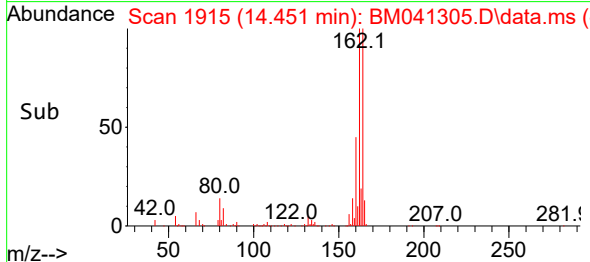
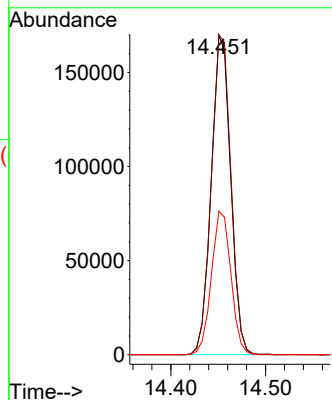
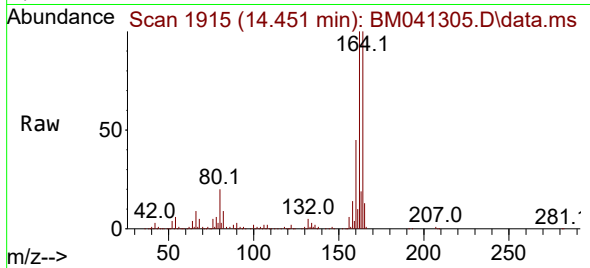




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

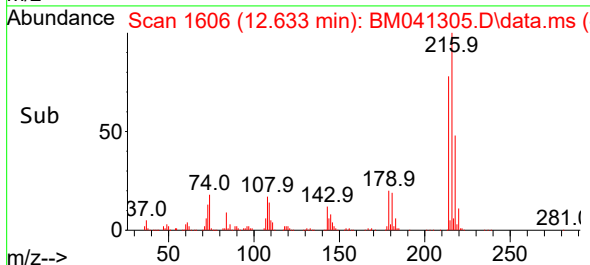
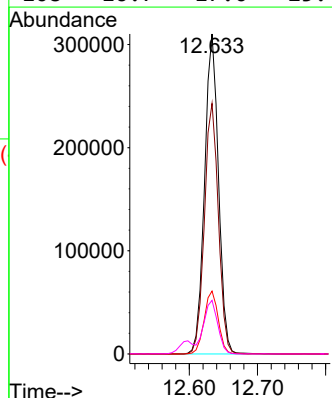
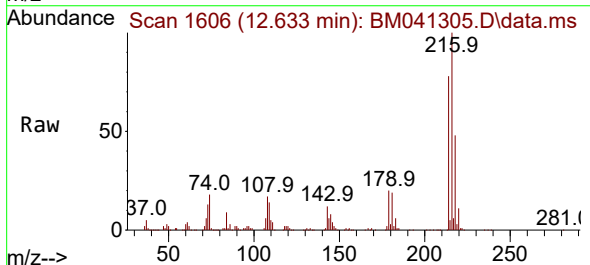
Instrument :
BNA_M
ClientSampleId :
PB154530BS

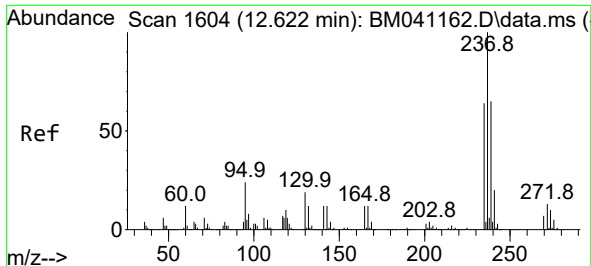
Tgt Ion:164 Resp: 240584
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 44.9 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.392 ng
RT: 12.633 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

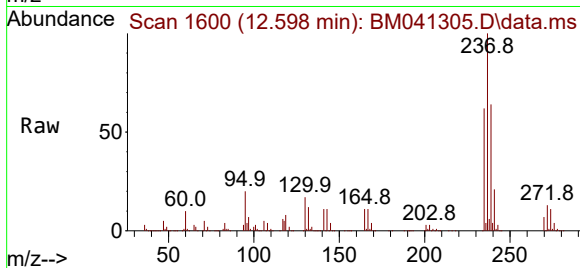
Tgt Ion:216 Resp: 440534
Ion Ratio Lower Upper
216 100
214 78.6 63.2 94.8
179 19.9 16.2 24.2
108 16.7 17.0 25.4#



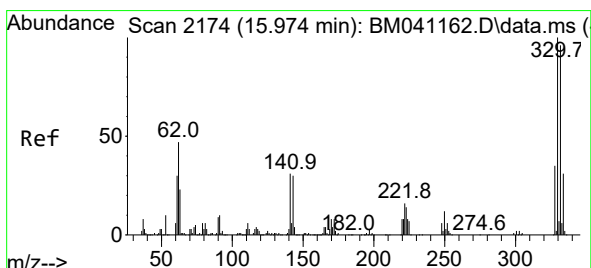
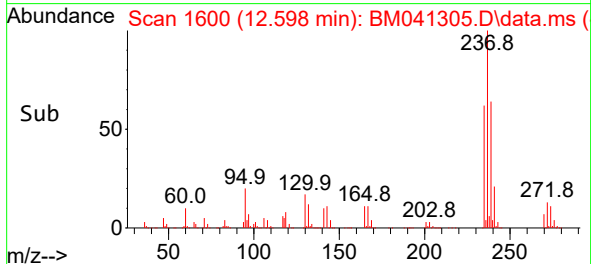
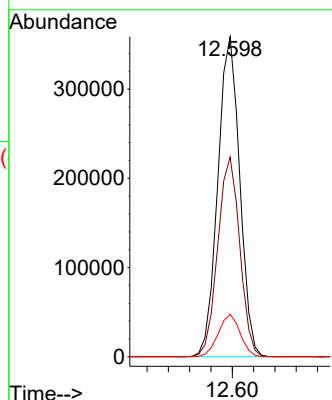


#41
Hexachlorocyclopentadiene
Concen: 123.712 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Instrument :
BNA_M
ClientSampleId :
PB154530BS

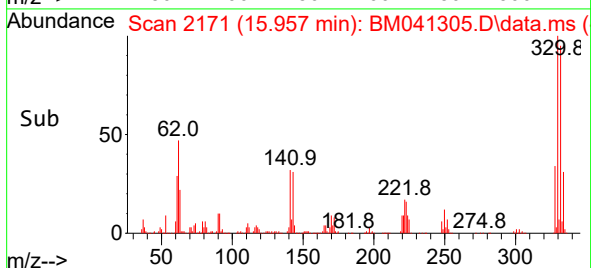
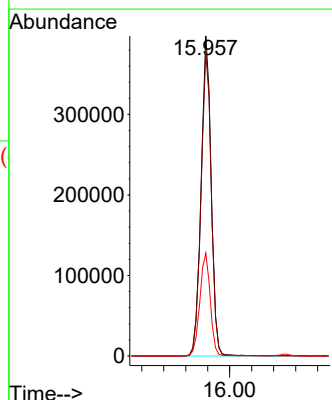
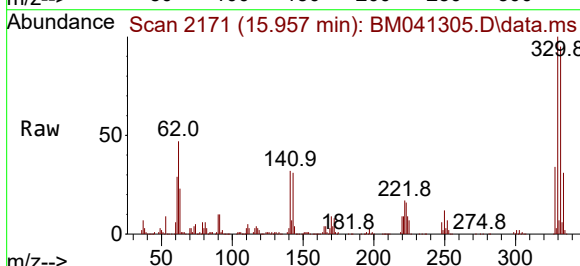


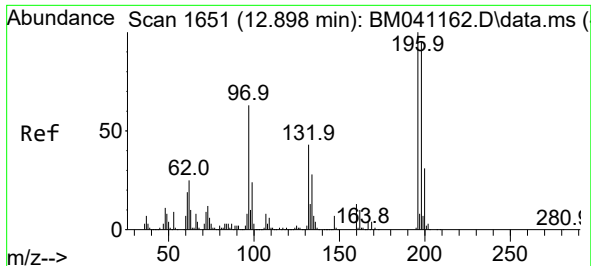
Tgt Ion:237 Resp: 511293
Ion Ratio Lower Upper
237 100
235 62.4 43.6 83.6
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 149.045 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:330 Resp: 507189
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 33.1 28.3 42.5

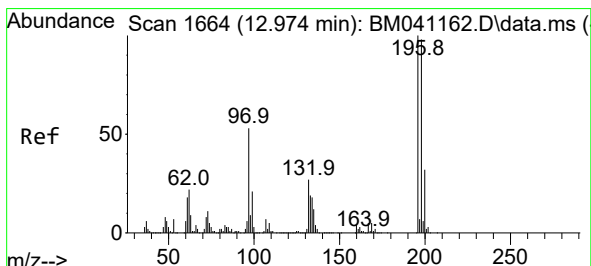
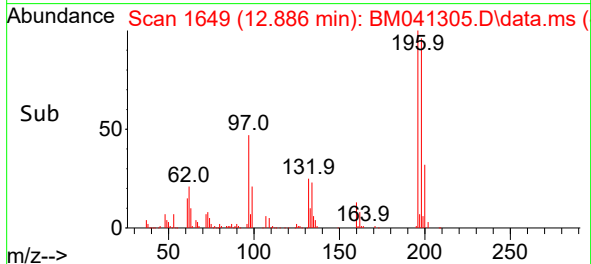
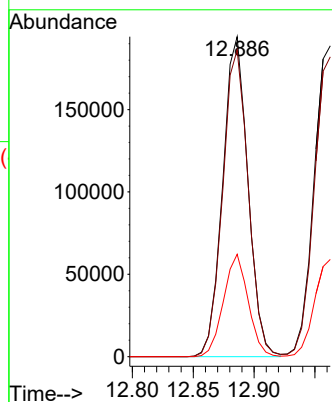
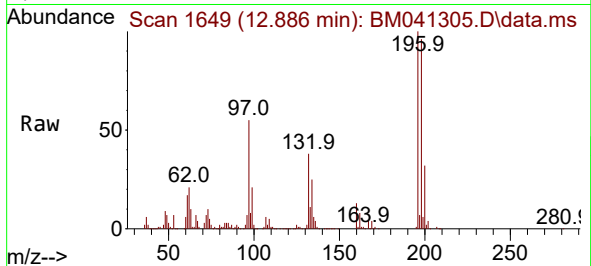




#43
2,4,6-Trichlorophenol
Concen: 55.931 ng
RT: 12.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

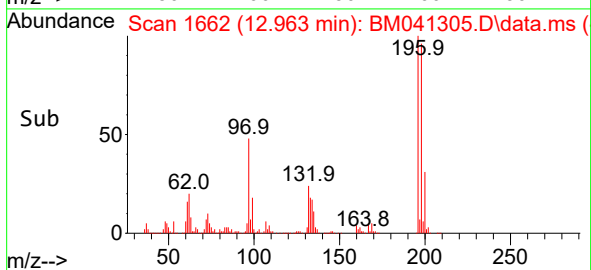
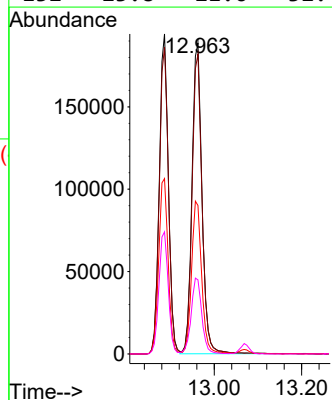
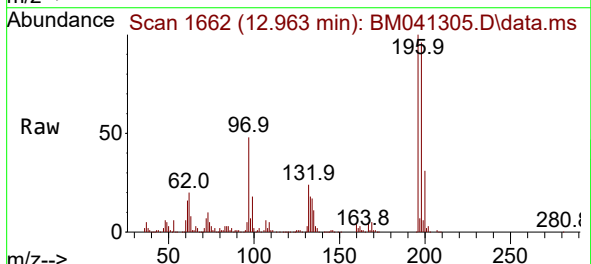
Instrument :
BNA_M
ClientSampleId :
PB154530BS

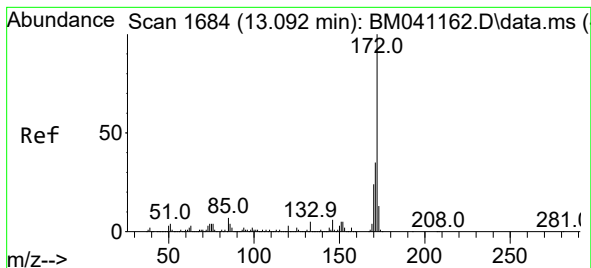
Tgt Ion:196 Resp: 280050
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.4
200 32.0 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 51.999 ng
RT: 12.963 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:196 Resp: 301347
Ion Ratio Lower Upper
196 100
198 96.5 78.2 117.4
97 47.8 42.7 64.1
132 23.8 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 97.831 ng

RT: 13.068 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

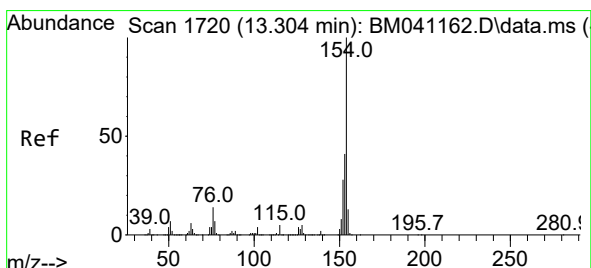
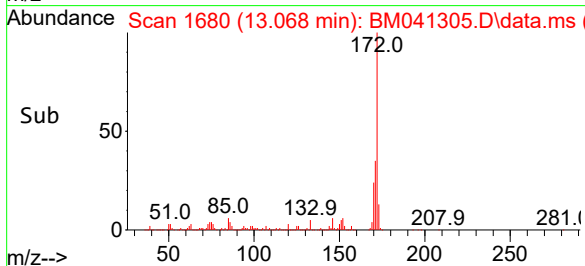
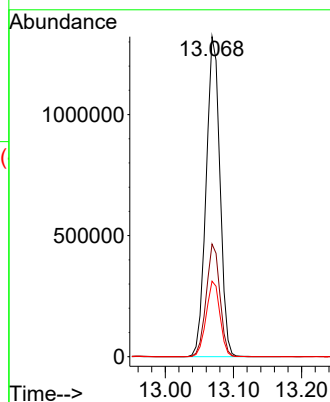
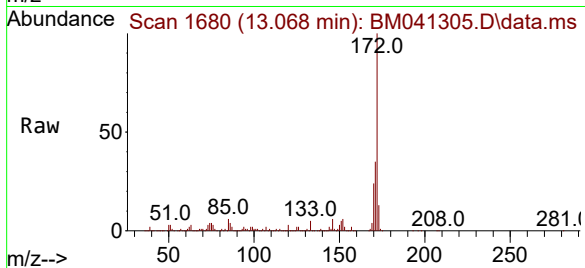
Tgt Ion:172 Resp: 1863182

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 51.066 ng

RT: 13.280 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

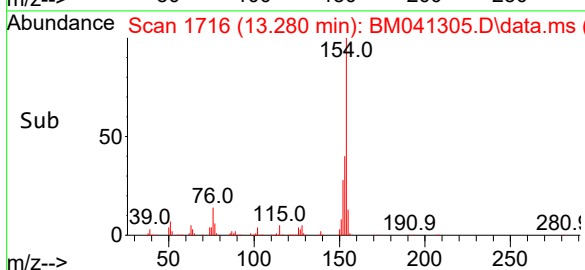
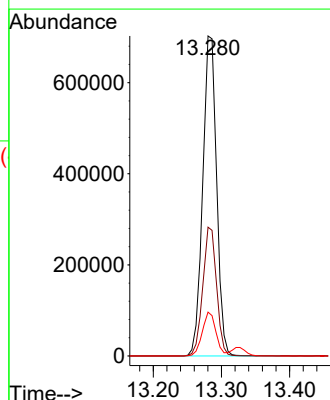
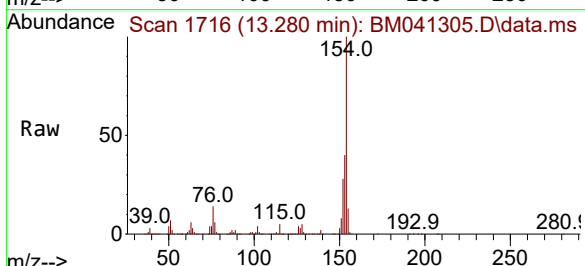
Tgt Ion:154 Resp: 995978

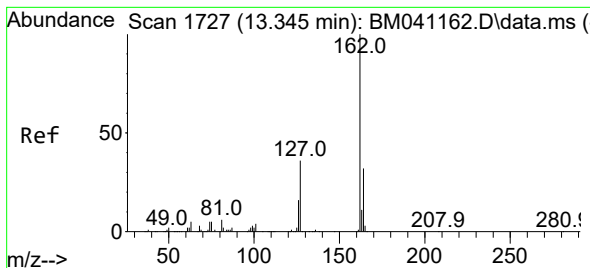
Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

76 13.7 0.0 34.1

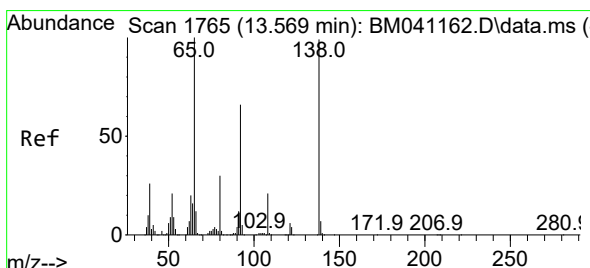
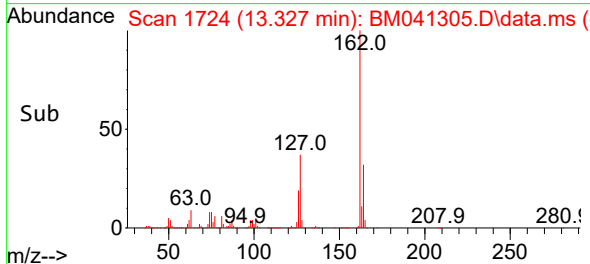
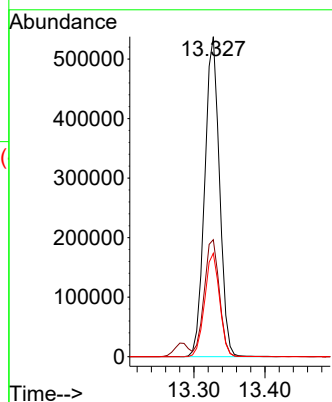
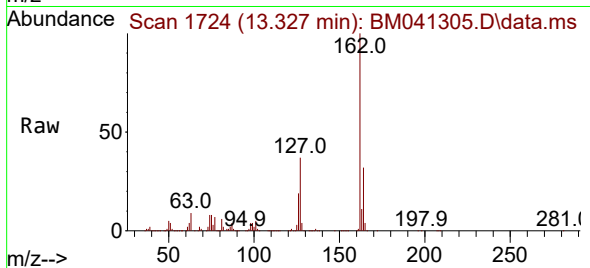




#47
2-Chloronaphthalene
Concen: 53.593 ng
RT: 13.327 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

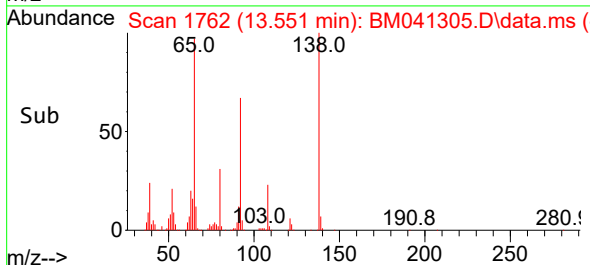
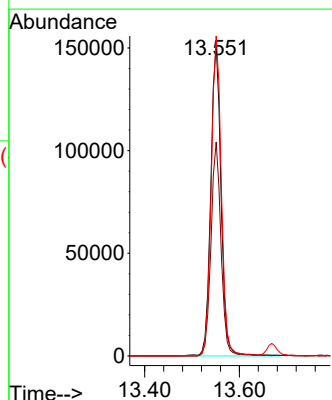
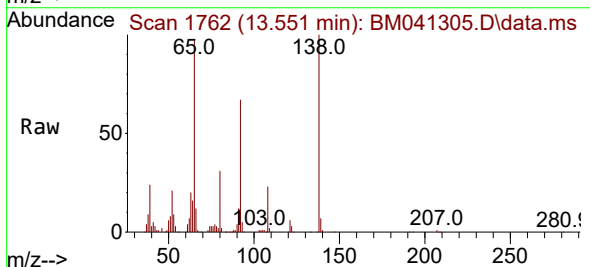
Instrument :
BNA_M
ClientSampleId :
PB154530BS

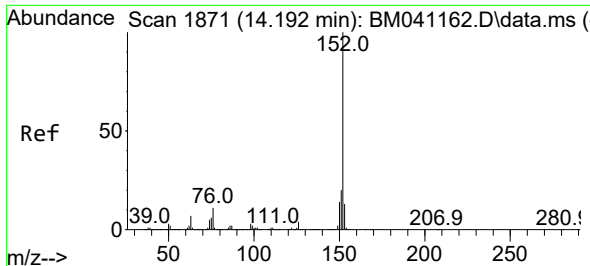
Tgt Ion:162 Resp: 780466
Ion Ratio Lower Upper
162 100
127 36.6 30.6 45.8
164 32.3 25.6 38.4



#48
2-Nitroaniline
Concen: 49.350 ng
RT: 13.551 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 65 Resp: 229402
Ion Ratio Lower Upper
65 100
92 69.0 53.0 79.4
138 103.2 79.1 118.7

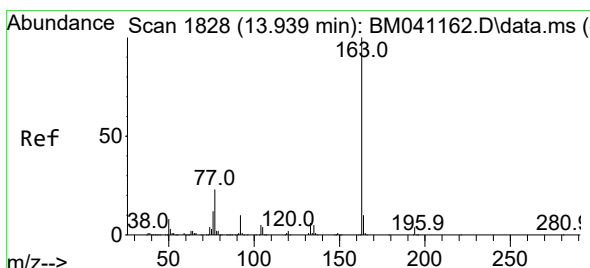
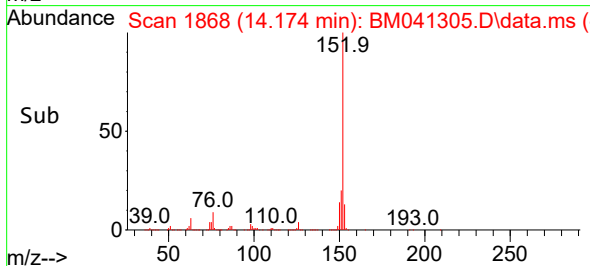
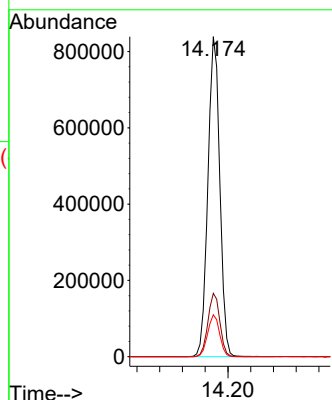
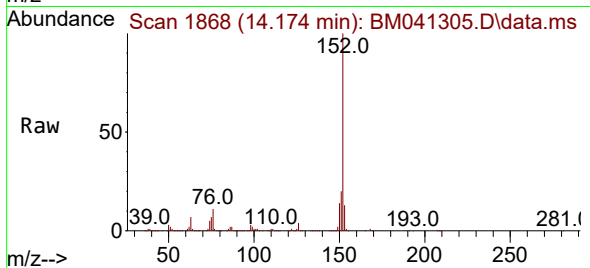




#49
Acenaphthylene
Concen: 51.601 ng
RT: 14.174 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

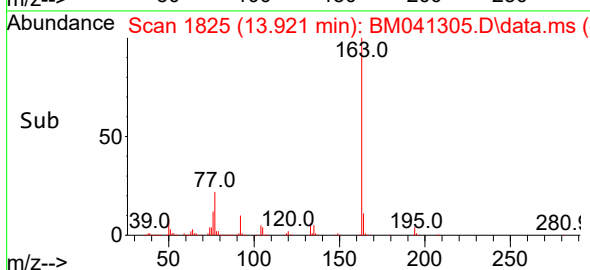
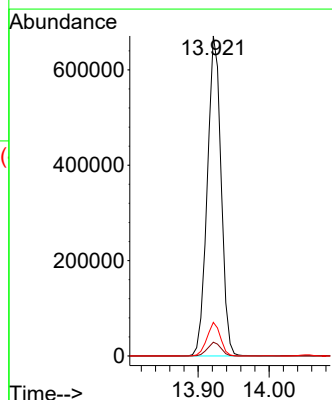
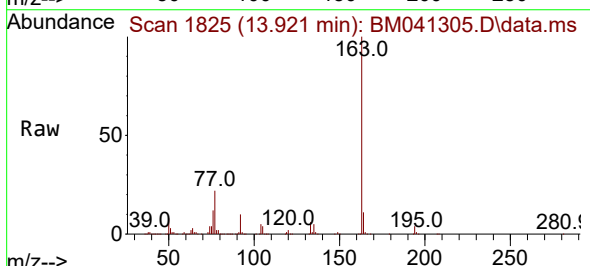
Instrument :
BNA_M
ClientSampleId :
PB154530BS

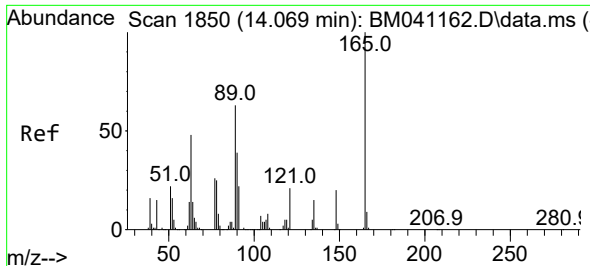
Tgt Ion:152 Resp: 1212920
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 50.256 ng
RT: 13.921 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:163 Resp: 909482
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 52.838 ng

RT: 14.051 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

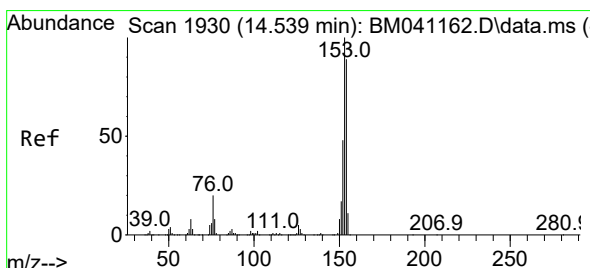
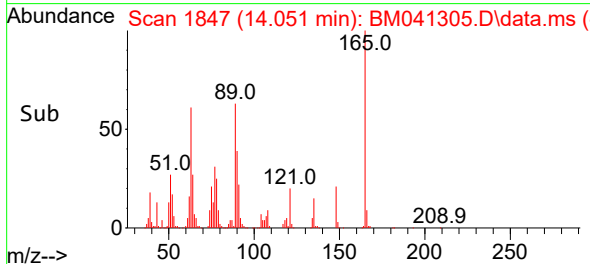
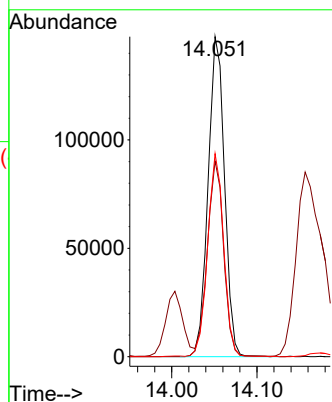
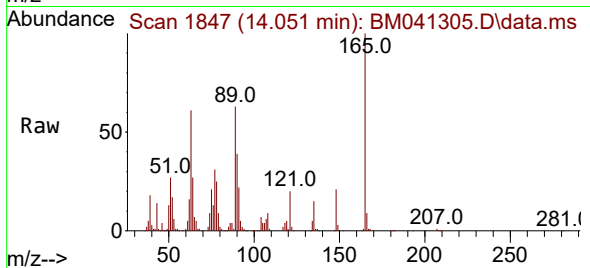
Tgt Ion:165 Resp: 198129

Ion Ratio Lower Upper

165 100

63 61.2 50.9 76.3

89 63.5 50.6 76.0



#52

Acenaphthene

Concen: 48.968 ng

RT: 14.521 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

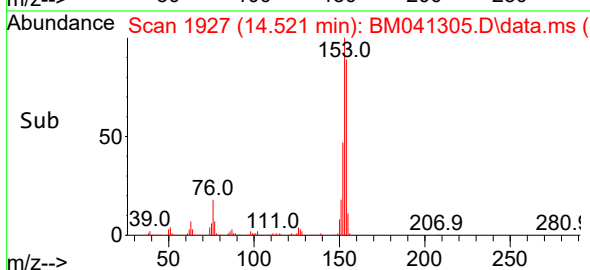
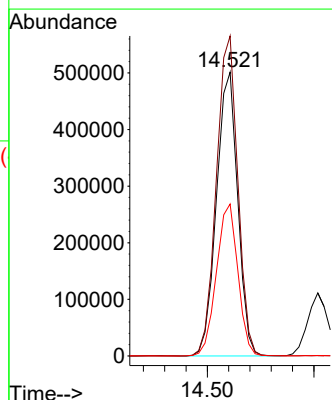
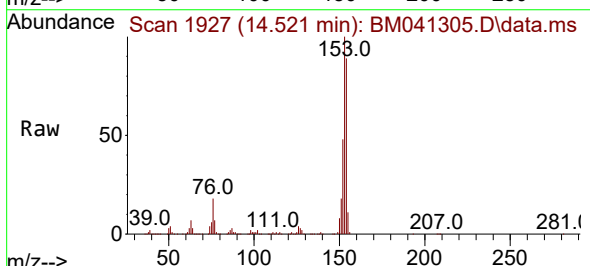
Tgt Ion:154 Resp: 693405

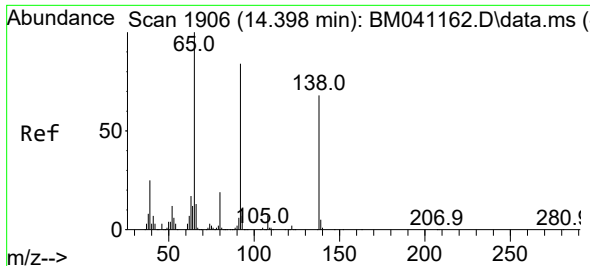
Ion Ratio Lower Upper

154 100

153 112.7 90.2 135.4

152 53.6 43.4 65.0

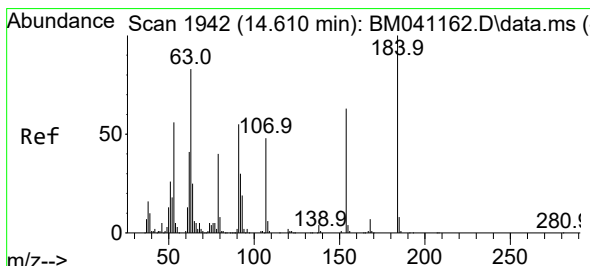
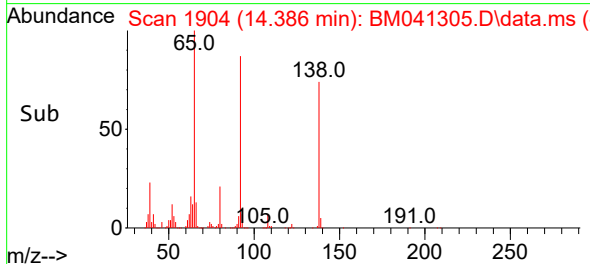
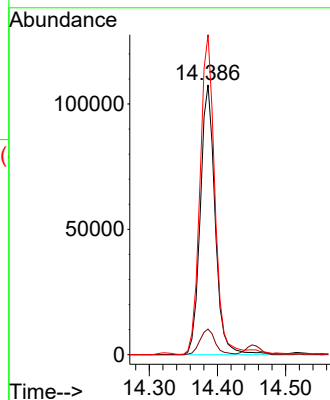
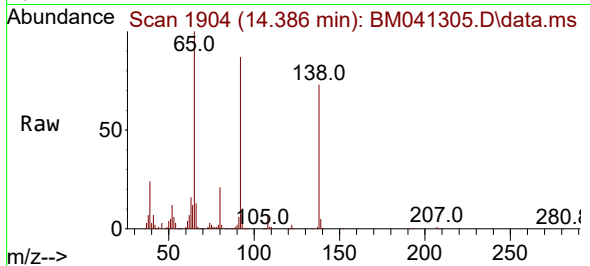




#53
3-Nitroaniline
Concen: 38.050 ng
RT: 14.386 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

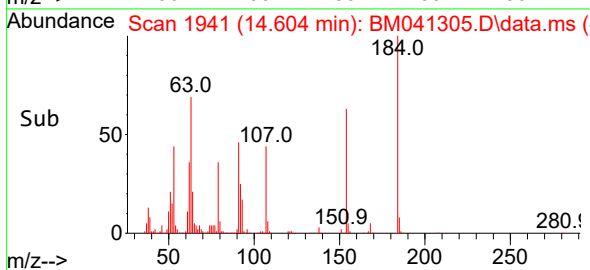
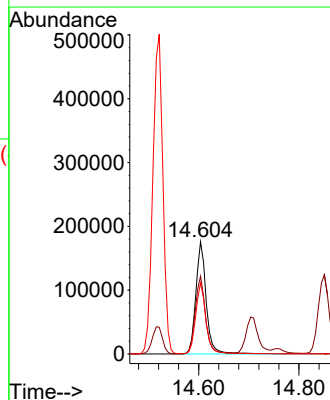
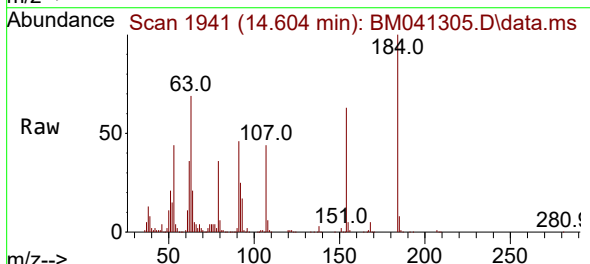
Instrument :
BNA_M
ClientSampleId :
PB154530BS

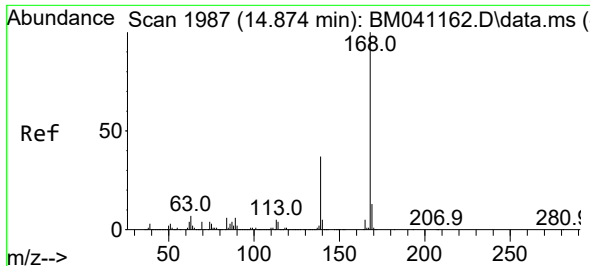
Tgt Ion:138 Resp: 162651
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 118.6 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 98.054 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:184 Resp: 251887
Ion Ratio Lower Upper
184 100
63 69.3 66.5 99.7
154 63.4 52.8 79.2

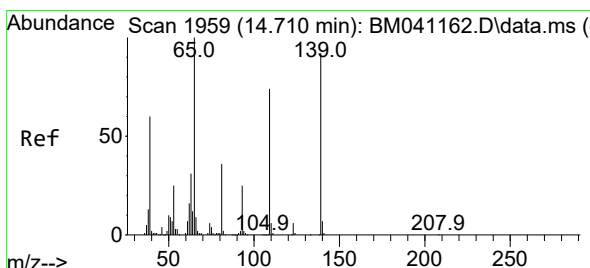
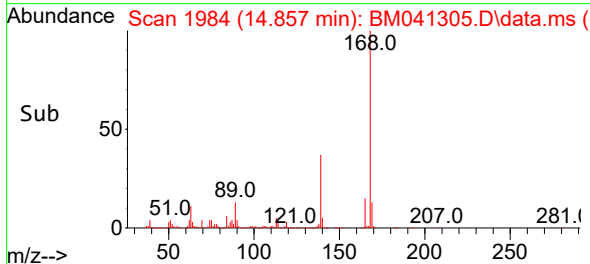
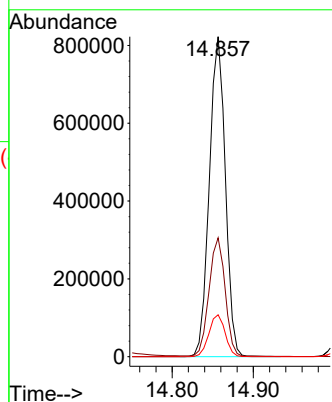
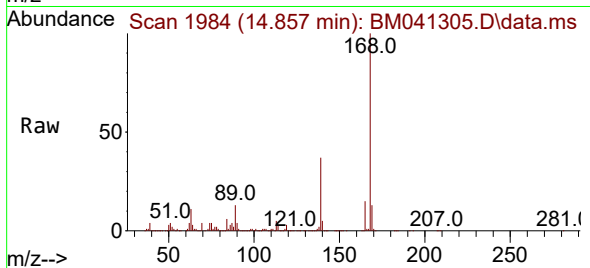




#55
Dibenzenofuran
Concen: 48.707 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

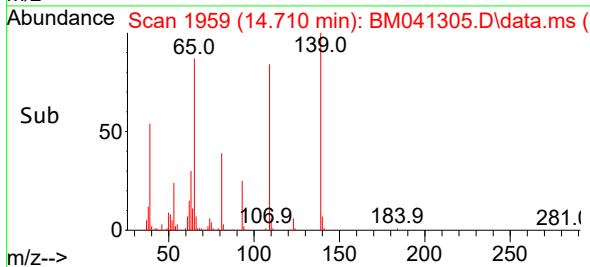
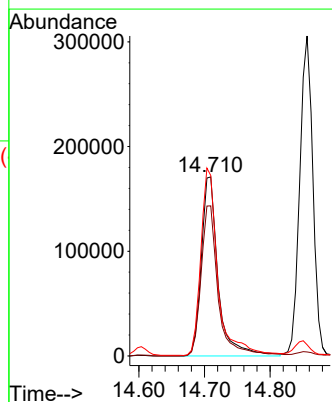
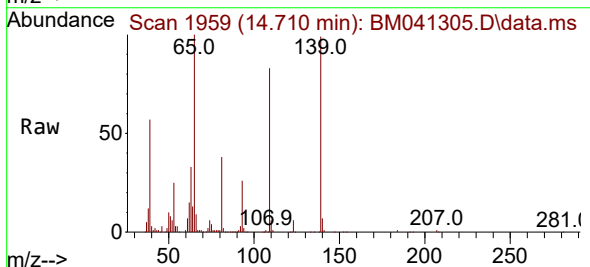
Instrument :
BNA_M
ClientSampleId :
PB154530BS

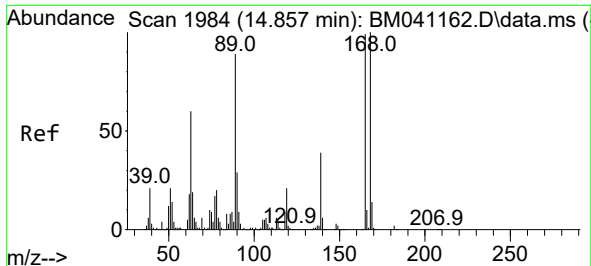
Tgt Ion:168 Resp: 1125315
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 98.274 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:139 Resp: 307116
Ion Ratio Lower Upper
139 100
109 83.9 61.2 101.2
65 100.8 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 48.979 ng

RT: 14.851 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

Tgt Ion:165 Resp: 262582

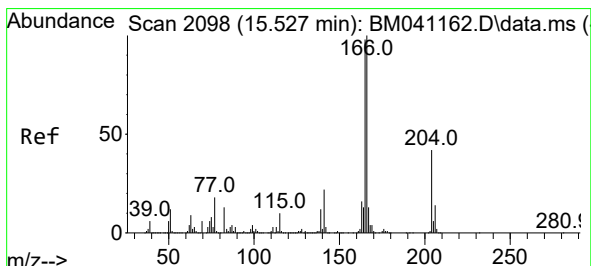
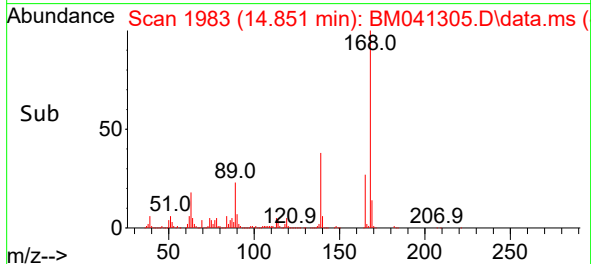
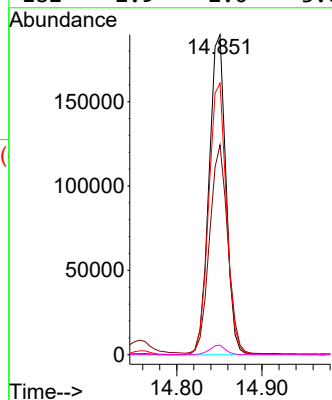
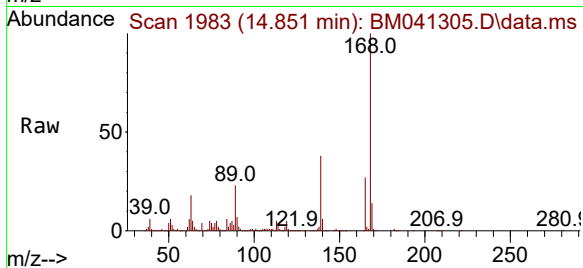
Ion Ratio Lower Upper

165 100

63 65.5 48.3 72.5

89 84.9 71.8 107.8

182 2.9 2.0 3.0



#58

Fluorene

Concen: 48.568 ng

RT: 15.509 min Scan# 2095

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

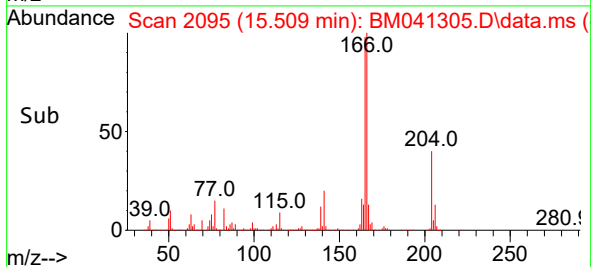
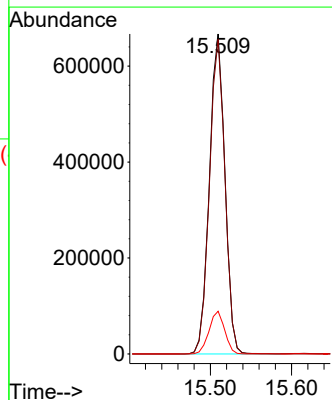
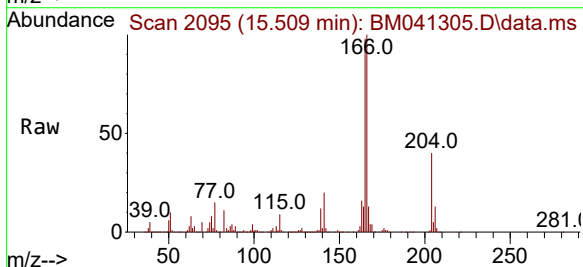
Tgt Ion:166 Resp: 885204

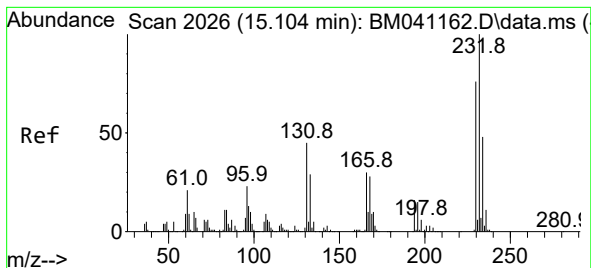
Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

167 13.4 10.6 16.0

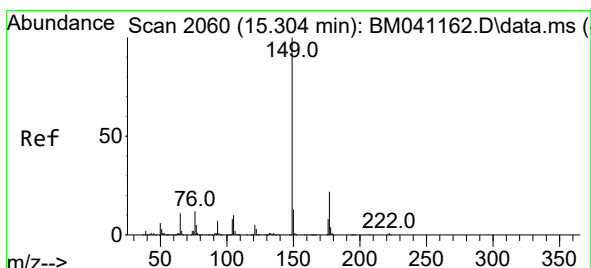
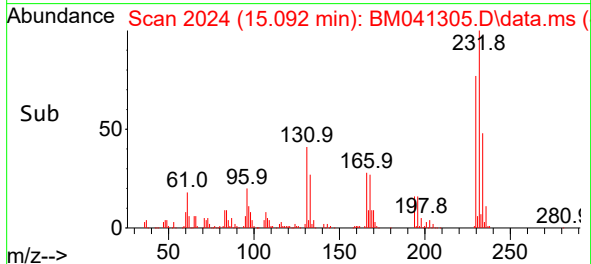
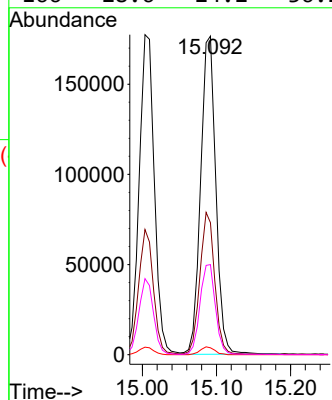
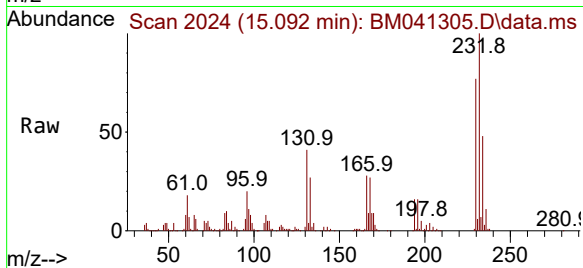




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.492 ng
RT: 15.092 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

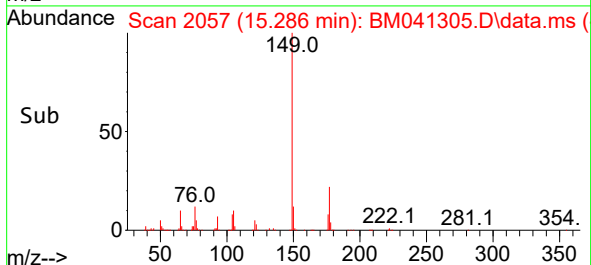
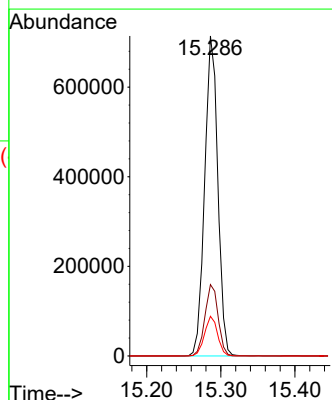
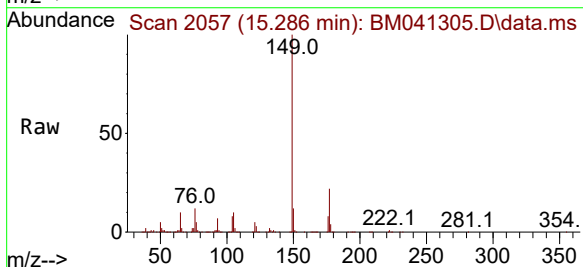
Instrument :
BNA_M
ClientSampleId :
PB154530BS

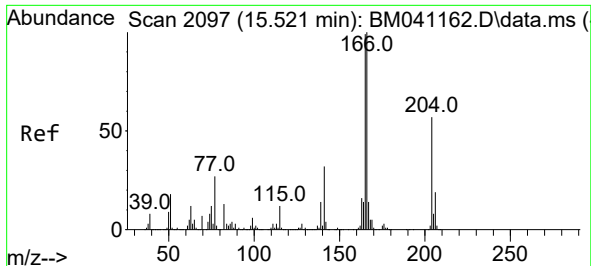
Tgt Ion:232 Resp: 251030
Ion Ratio Lower Upper
232 100
131 43.7 36.9 55.3
130 2.3 2.0 3.0
166 28.6 24.2 36.2



#60
Diethylphthalate
Concen: 50.382 ng
RT: 15.286 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:149 Resp: 881730
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.4 10.1 15.1

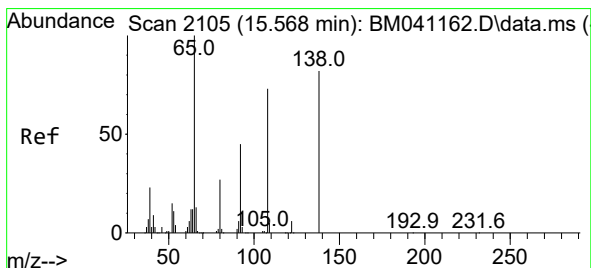
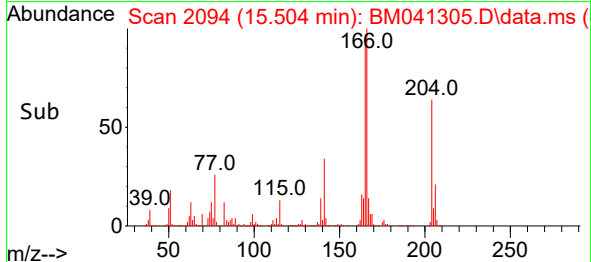
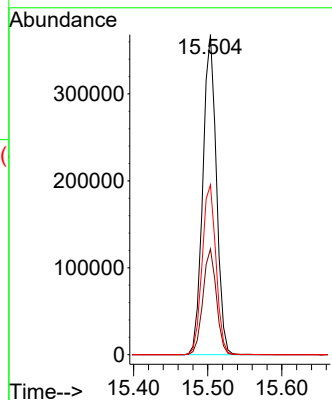
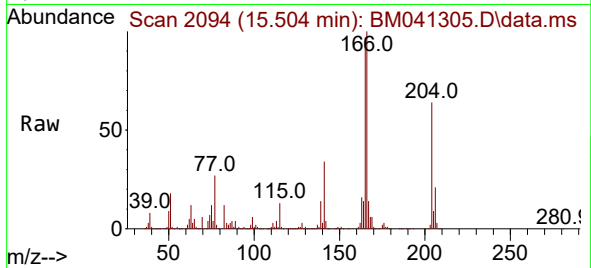




#61
4-Chlorophenyl-phenylether
Concen: 51.380 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

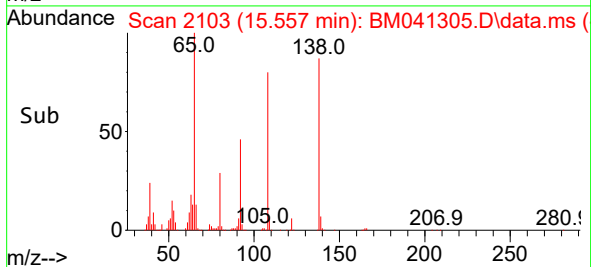
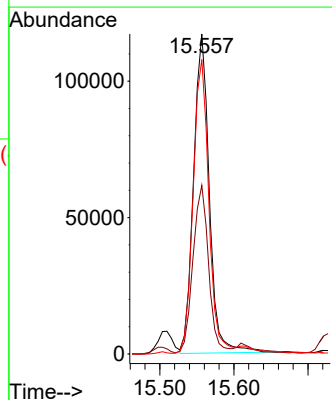
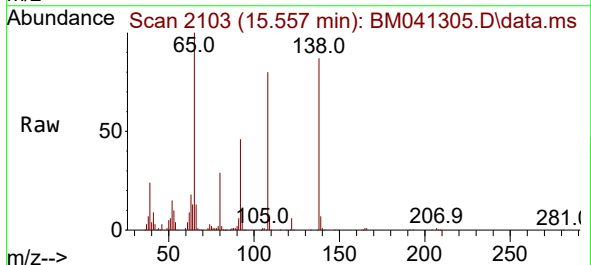
Instrument :
BNA_M
ClientSampleId :
PB154530BS

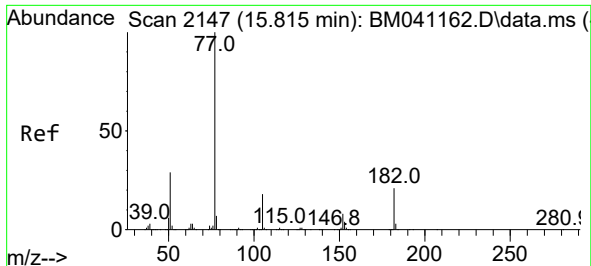
Tgt Ion:204 Resp: 469265
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 53.1 44.8 67.2



#62
4-Nitroaniline
Concen: 43.792 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:138 Resp: 173545
Ion Ratio Lower Upper
138 100
92 52.7 35.1 75.1
108 92.0 67.8 107.8

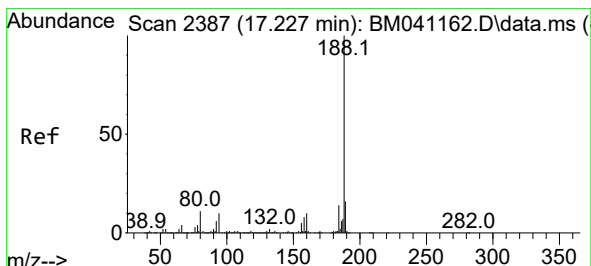
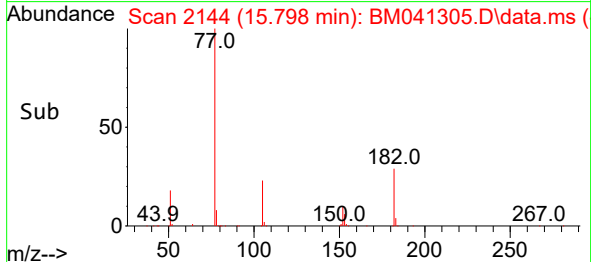
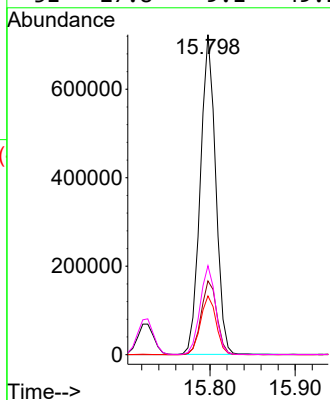
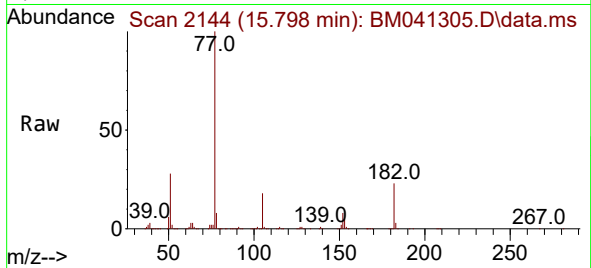




#63
Azobenzene
Concen: 47.113 ng
RT: 15.798 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

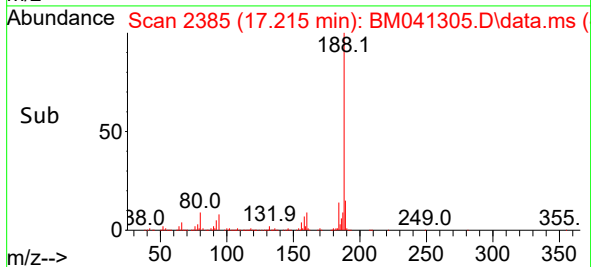
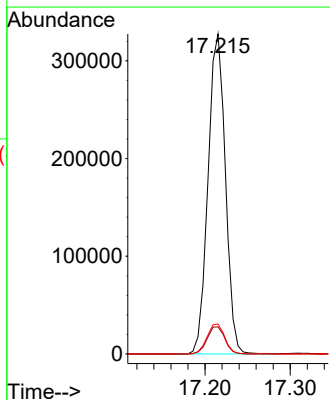
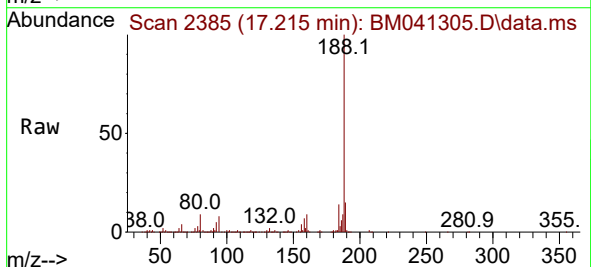
Instrument :
BNA_M
ClientSampleId :
PB154530BS

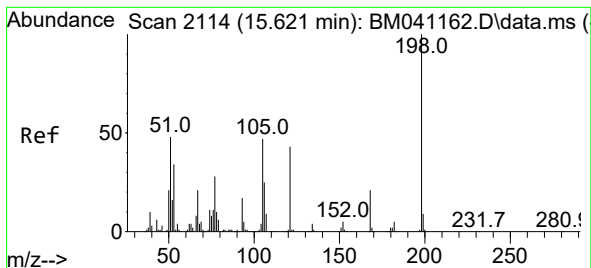
Tgt Ion: 77 Resp: 903162
Ion Ratio Lower Upper
77 100
182 23.0 1.3 41.3
105 18.4 0.0 38.5
51 27.8 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion: 188 Resp: 463541
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.4 8.6 13.0

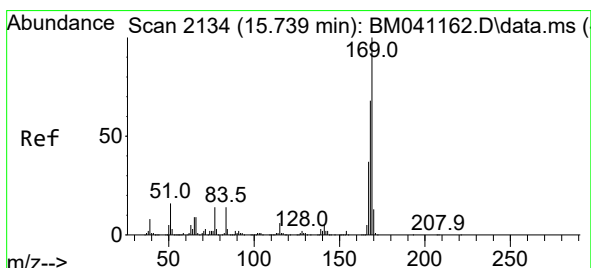
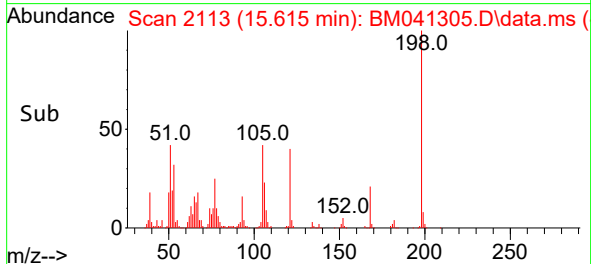
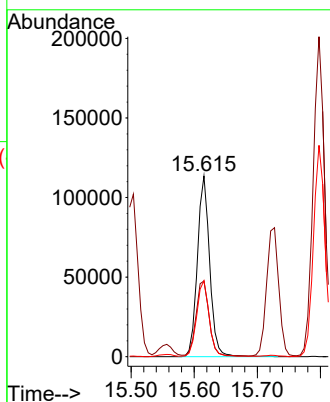
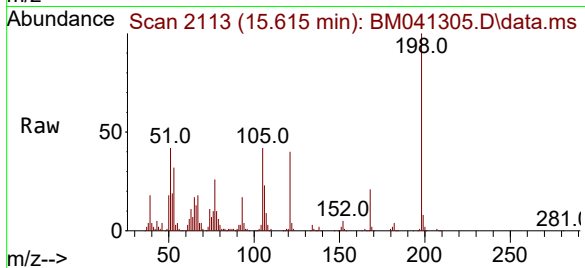




#65
4,6-Dinitro-2-methylphenol
Concen: 54.479 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

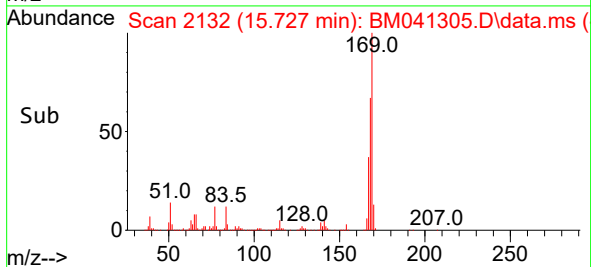
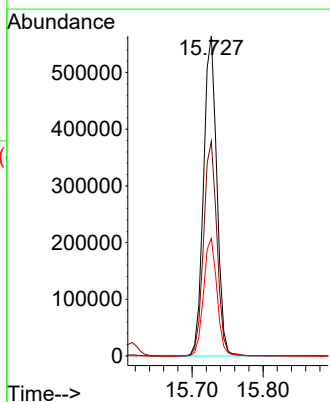
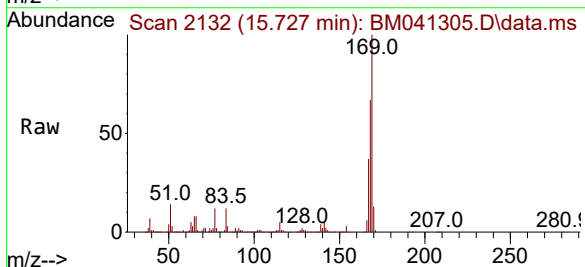
Instrument :
BNA_M
ClientSampleId :
PB154530BS

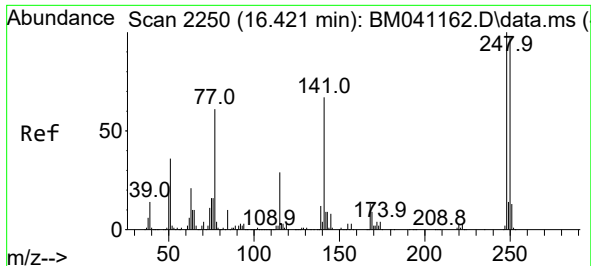
Tgt Ion:198 Resp: 152982
Ion Ratio Lower Upper
198 100
51 41.9 31.7 71.7
105 42.1 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 50.881 ng
RT: 15.727 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:169 Resp: 733530
Ion Ratio Lower Upper
169 100
168 67.1 54.6 81.8
167 36.8 29.9 44.9

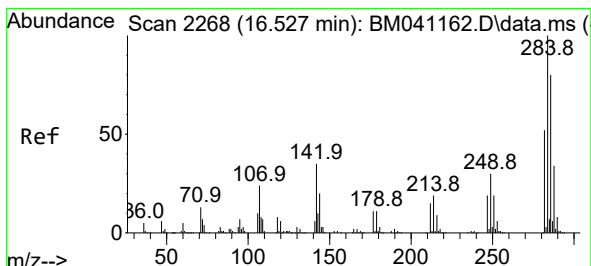
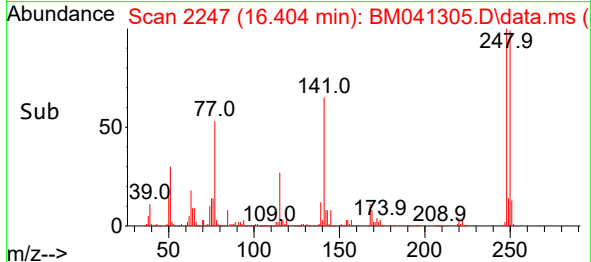
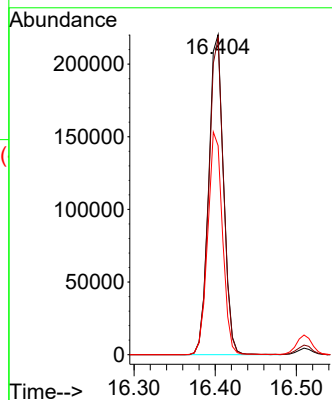
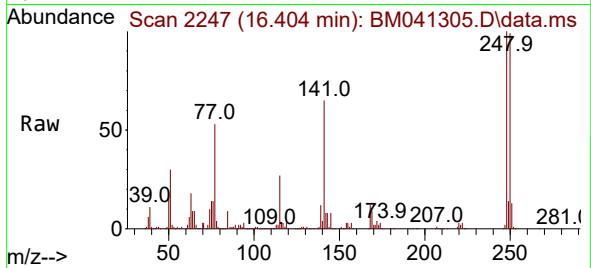




#67
4-Bromophenyl-phenylether
Concen: 54.945 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

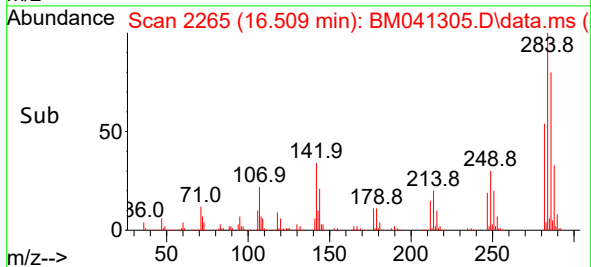
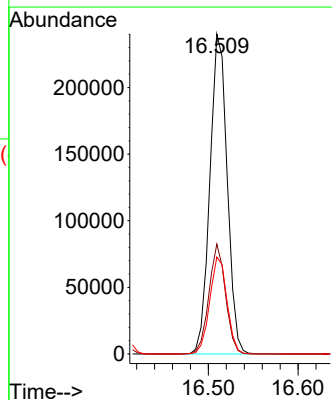
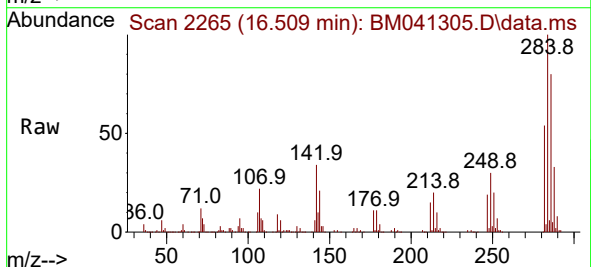
Instrument :
BNA_M
ClientSampleId :
PB154530BS

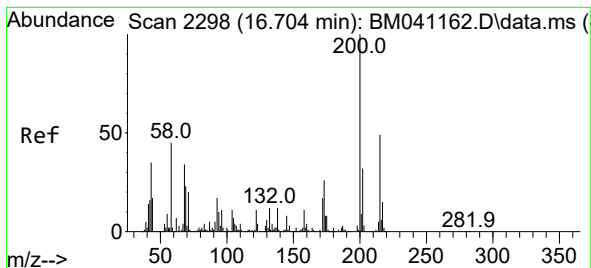
Tgt Ion:248 Resp: 279251
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 65.3 53.8 80.8



#68
Hexachlorobenzene
Concen: 56.922 ng
RT: 16.509 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:284 Resp: 321690
Ion Ratio Lower Upper
284 100
142 34.4 28.0 42.0
249 30.3 23.7 35.5





#69

Atrazine

Concen: 68.522 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

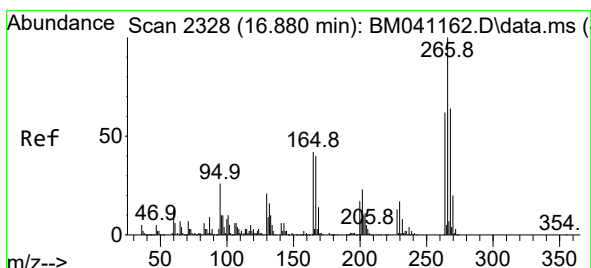
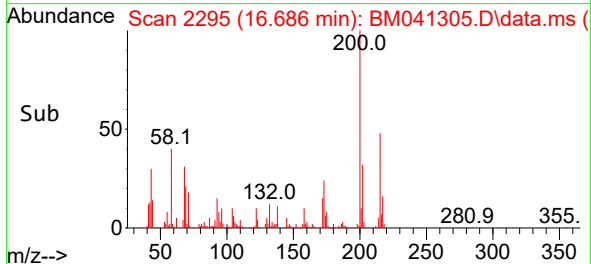
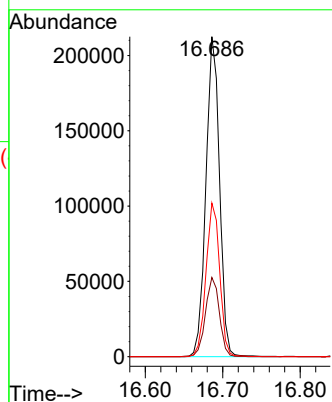
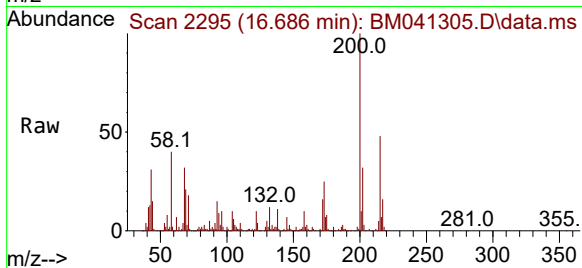
Tgt Ion:200 Resp: 259424

Ion Ratio Lower Upper

200 100

173 24.7 5.6 45.6

215 48.0 28.5 68.5



#70

Pentachlorophenol

Concen: 91.920 ng

RT: 16.868 min Scan# 2326

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

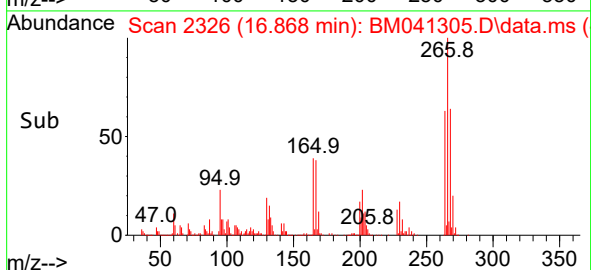
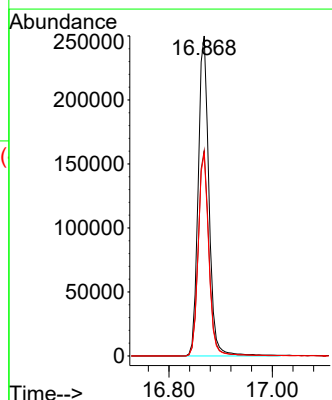
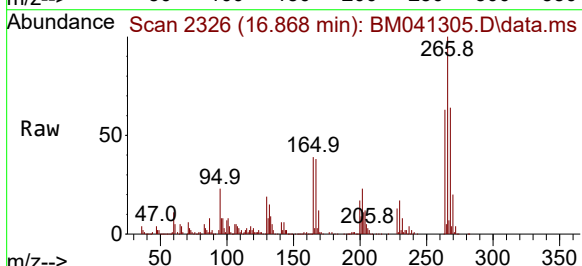
Tgt Ion:266 Resp: 359713

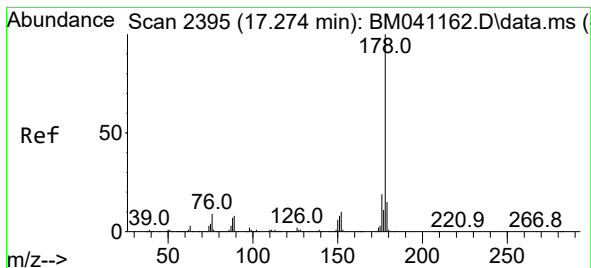
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 63.3 49.4 74.2





#71

Phenanthrene

Concen: 49.568 ng

RT: 17.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

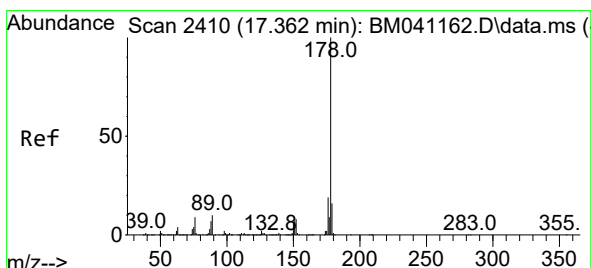
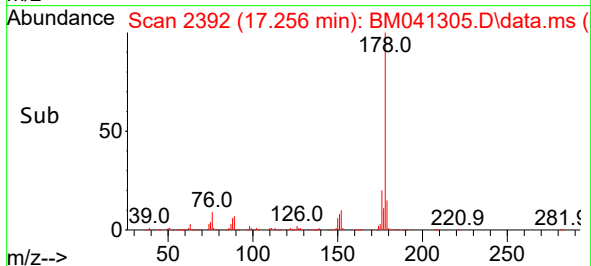
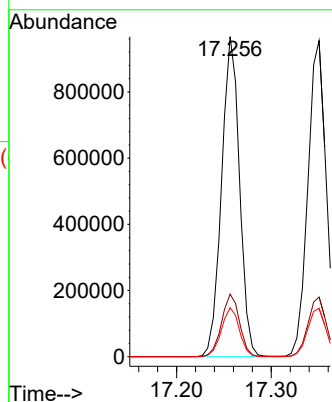
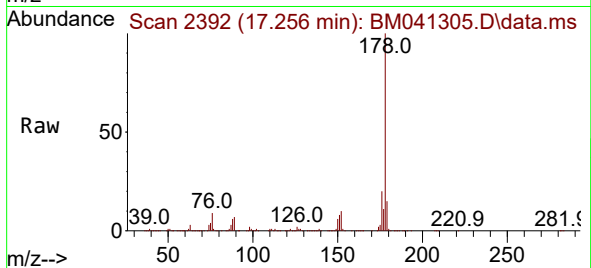
Tgt Ion:178 Resp: 1276599

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.3 12.1 18.1



#72

Anthracene

Concen: 50.702 ng

RT: 17.351 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

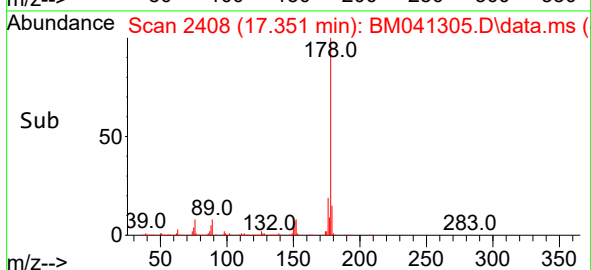
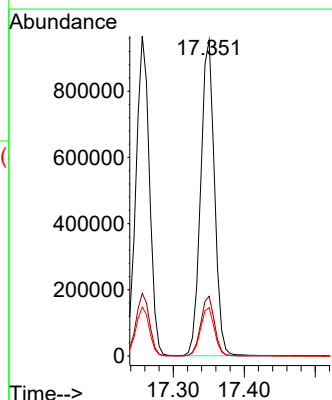
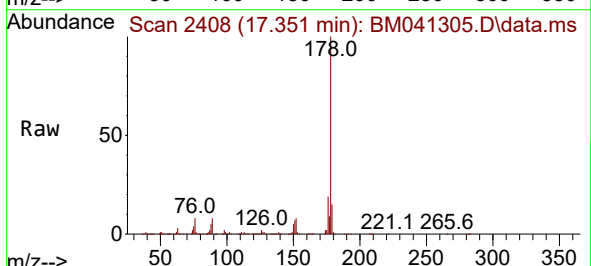
Tgt Ion:178 Resp: 1291481

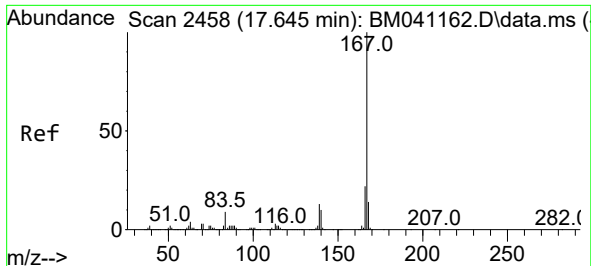
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.3 12.4 18.6

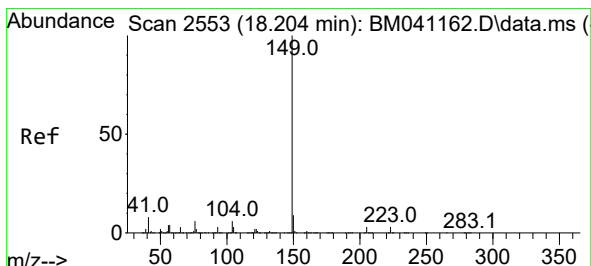
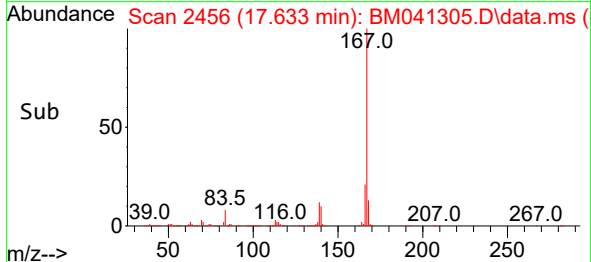
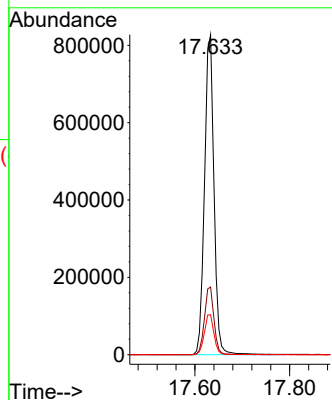
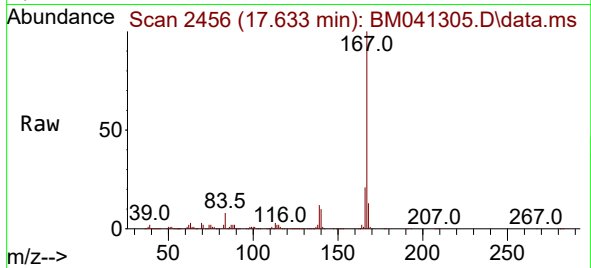




#73
 Carbazole
 Concen: 49.653 ng
 RT: 17.633 min Scan# 2456
 Delta R.T. -0.000 min
 Lab File: BM041305.D
 Acq: 07 Aug 2023 10:34

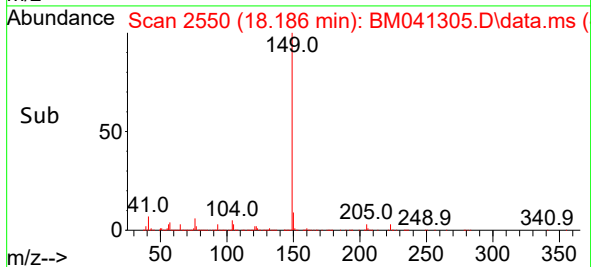
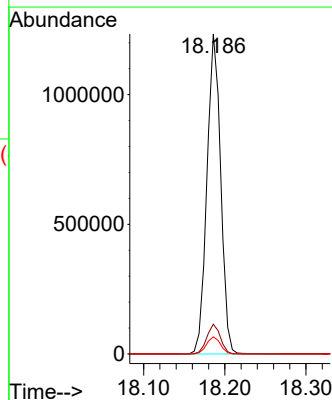
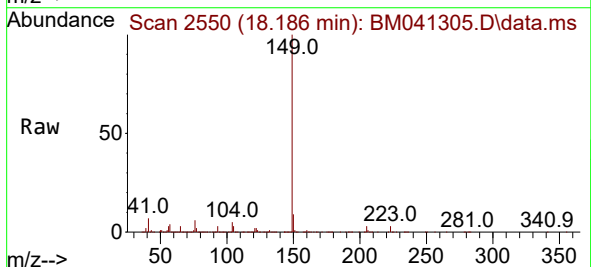
Instrument :
 BNA_M
 ClientSampleId :
 PB154530BS

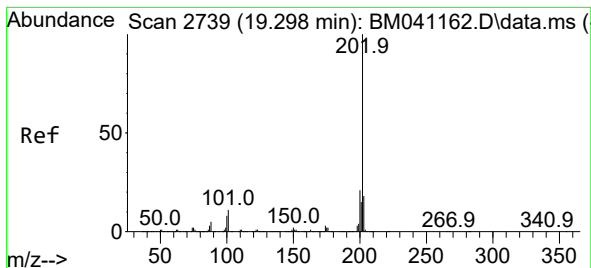
Tgt Ion:167 Resp: 1144716
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 55.402 ng
 RT: 18.186 min Scan# 2550
 Delta R.T. -0.000 min
 Lab File: BM041305.D
 Acq: 07 Aug 2023 10:34

Tgt Ion:149 Resp: 1443317
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 49.443 ng

RT: 19.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

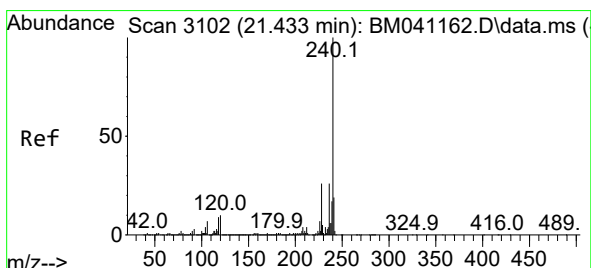
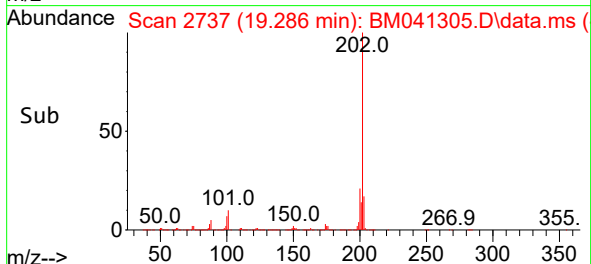
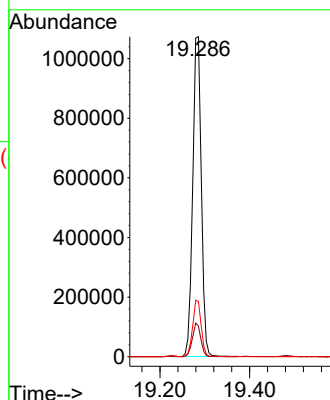
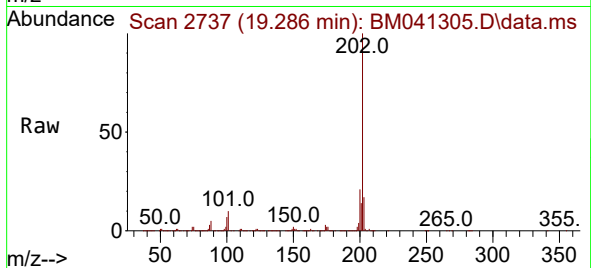
Tgt Ion:202 Resp: 1430612

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.8

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

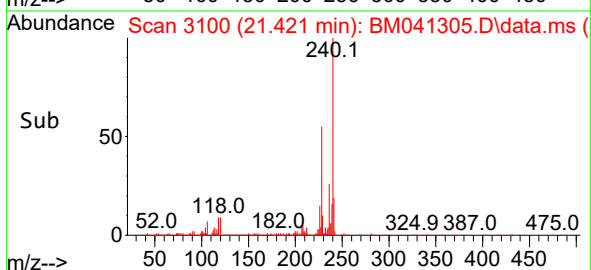
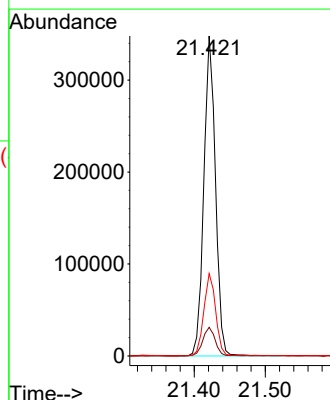
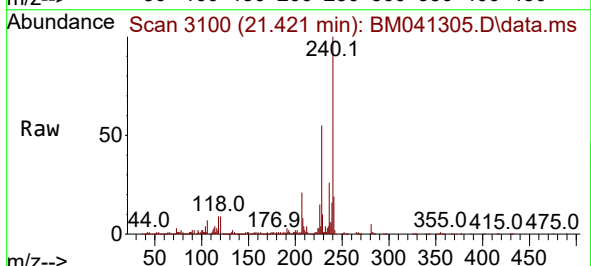
Tgt Ion:240 Resp: 397395

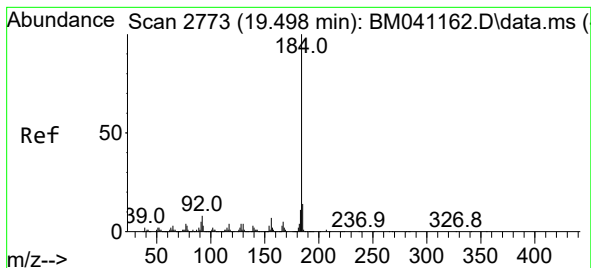
Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

236 25.8 20.6 30.8





#77

Benzidine

Concen: 140.168 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

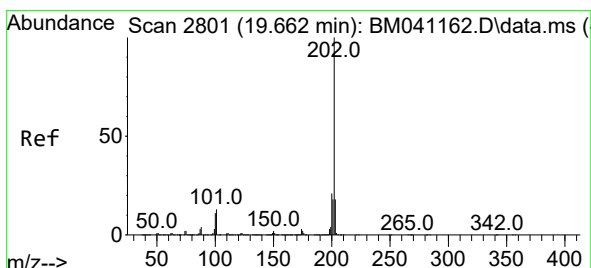
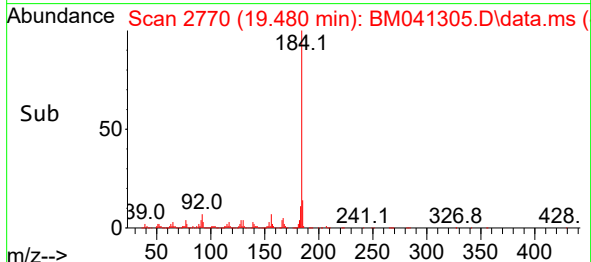
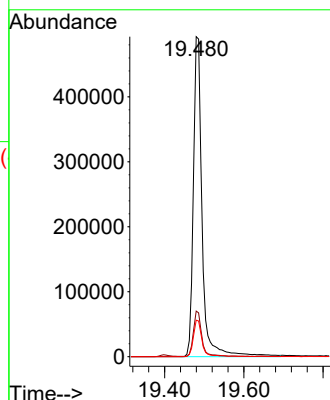
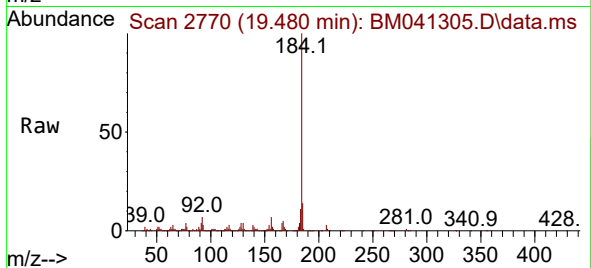
Tgt Ion:184 Resp: 759214

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.4 9.2 13.8



#78

Pyrene

Concen: 52.970 ng

RT: 19.650 min Scan# 2799

Delta R.T. 0.006 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

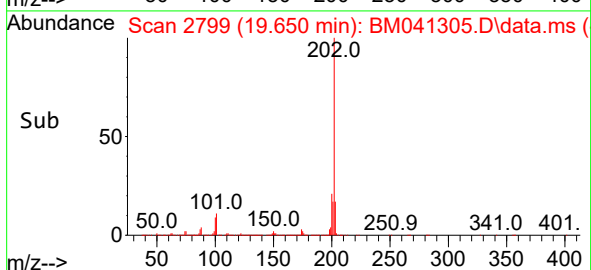
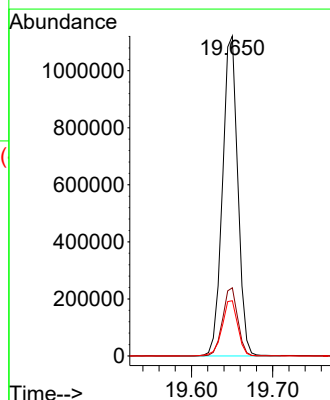
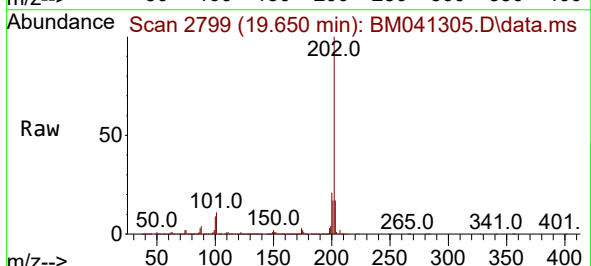
Tgt Ion:202 Resp: 1472068

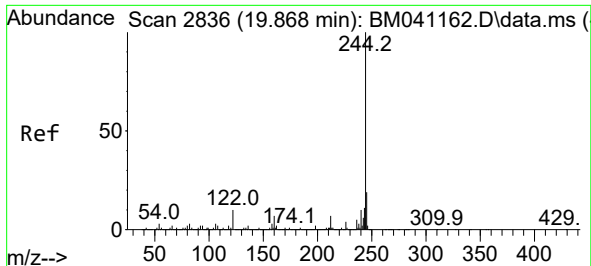
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.3 14.1 21.1

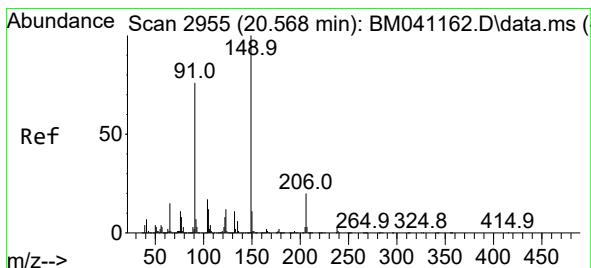
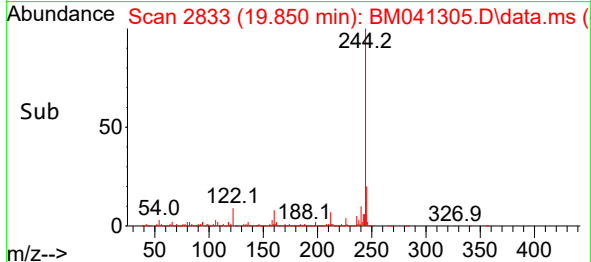
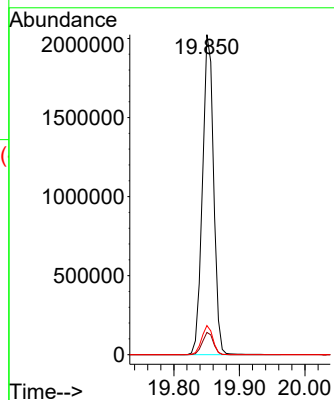
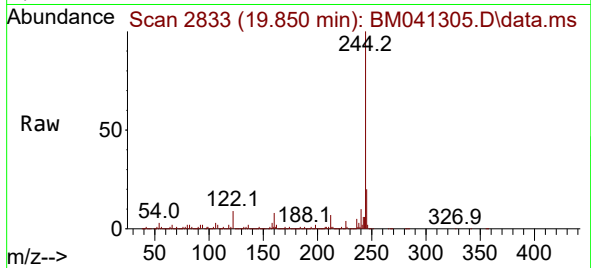




#79
 Terphenyl-d14
 Concen: 109.132 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041305.D
 Acq: 07 Aug 2023 10:34

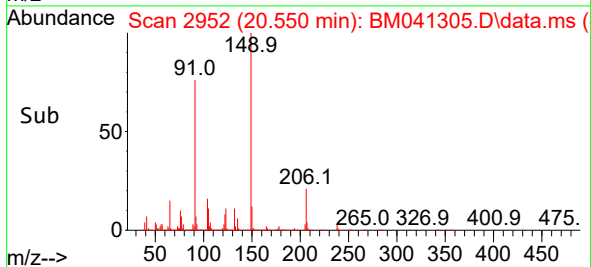
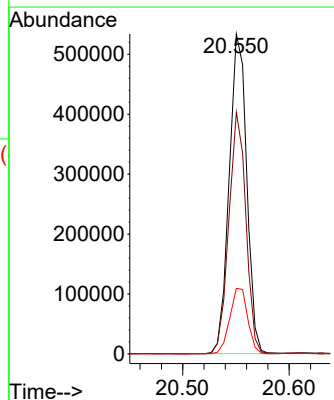
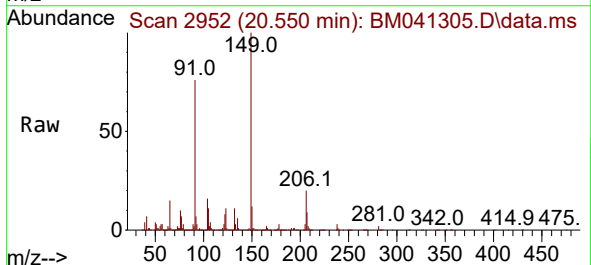
Instrument :
 BNA_M
 ClientSampleId :
 PB154530BS

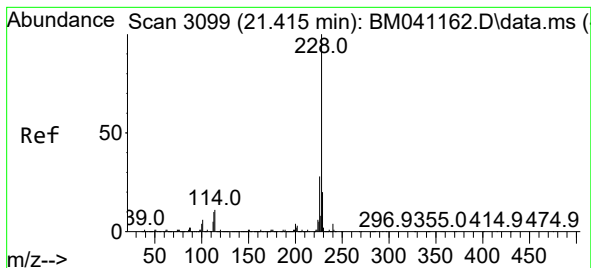
Tgt Ion:244 Resp: 2398639
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.1 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 59.909 ng
 RT: 20.550 min Scan# 2952
 Delta R.T. -0.000 min
 Lab File: BM041305.D
 Acq: 07 Aug 2023 10:34

Tgt Ion:149 Resp: 607989
 Ion Ratio Lower Upper
 149 100
 91 75.5 60.8 91.2
 206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.867 ng

RT: 21.409 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

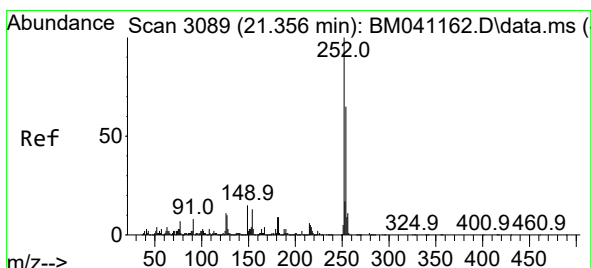
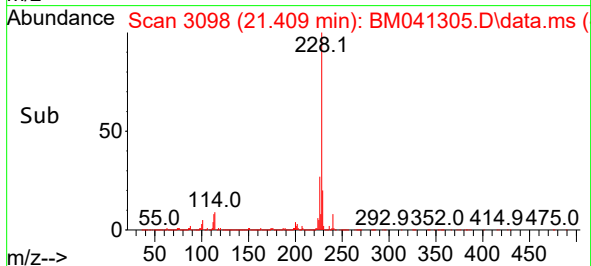
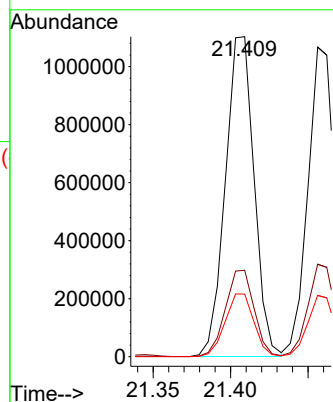
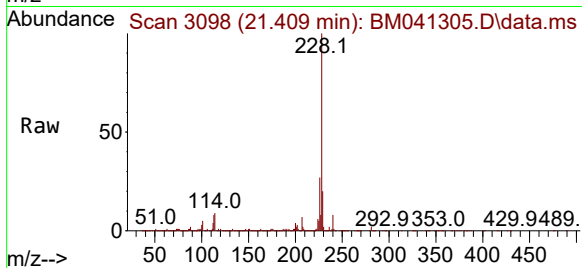
Tgt Ion:228 Resp: 1424245

Ion Ratio Lower Upper

228 100

226 27.0 22.4 33.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 57.652 ng

RT: 21.344 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

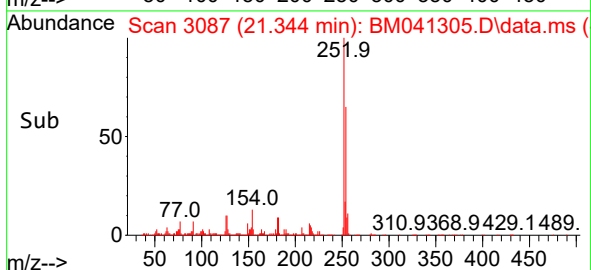
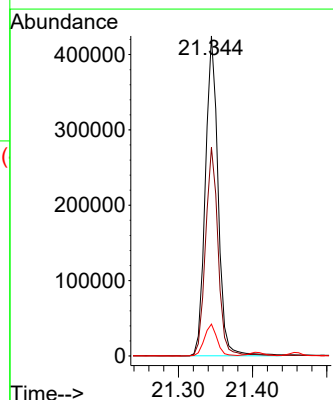
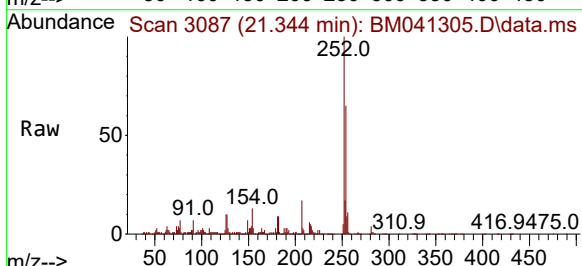
Tgt Ion:252 Resp: 506807

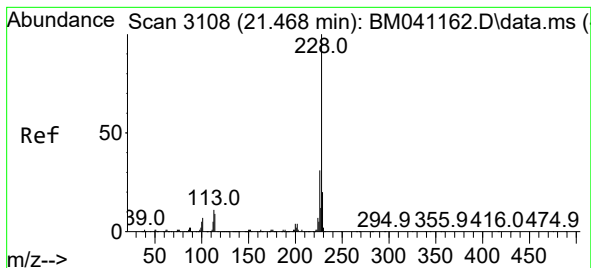
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 9.9 8.6 13.0





#83

Chrysene

Concen: 49.881 ng

RT: 21.456 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

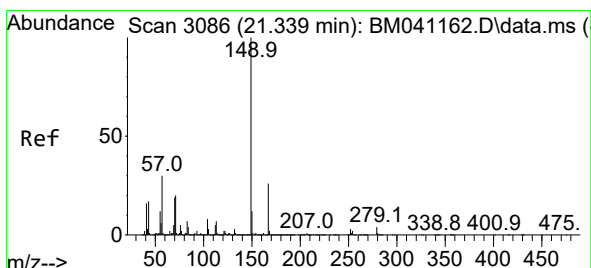
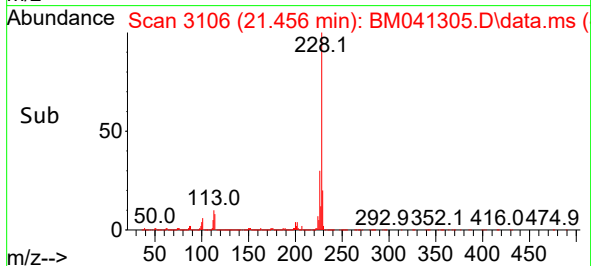
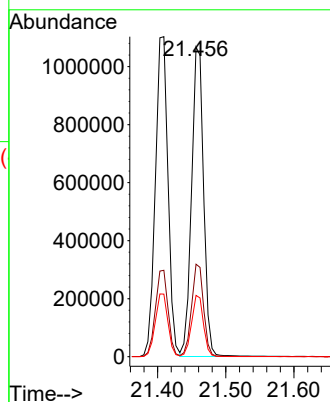
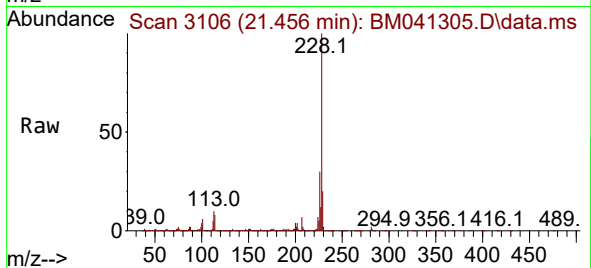
Tgt Ion:228 Resp: 1299787

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.740 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

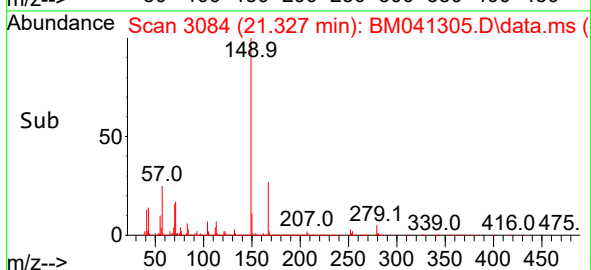
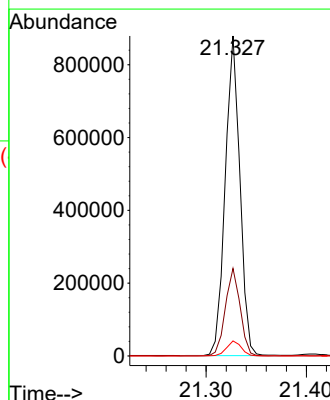
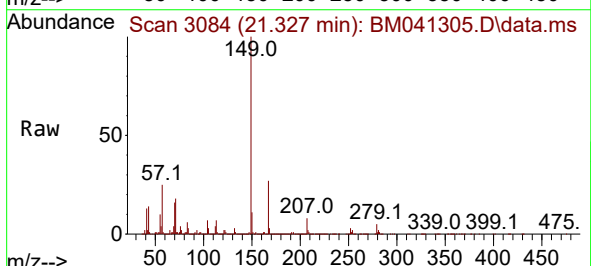
Tgt Ion:149 Resp: 888277

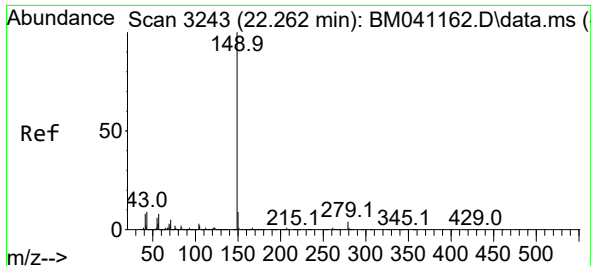
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 4.7 3.1 4.7#

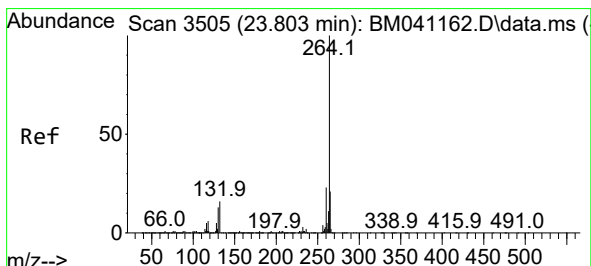
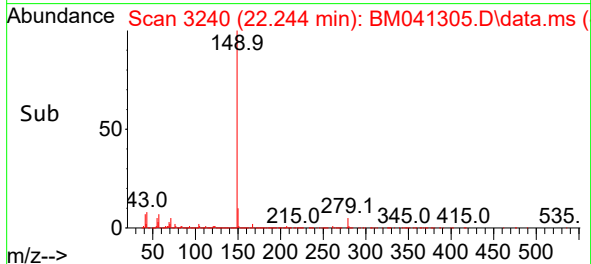
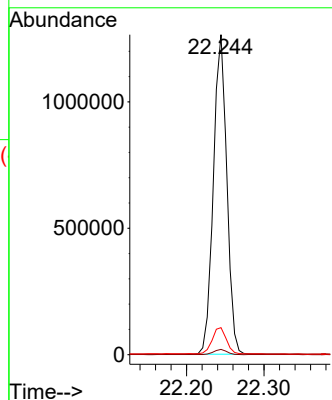
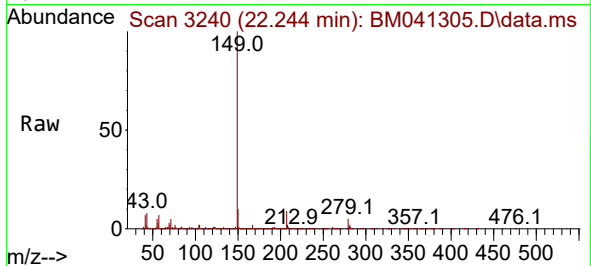




#85
Di-n-octyl phthalate
Concen: 59.303 ng
RT: 22.244 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

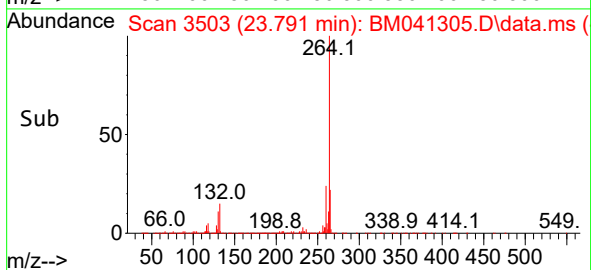
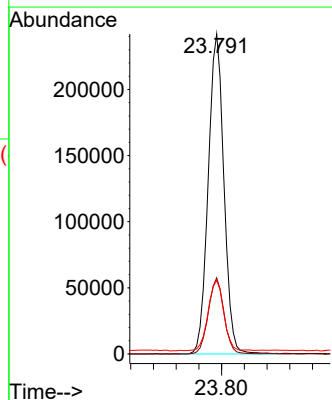
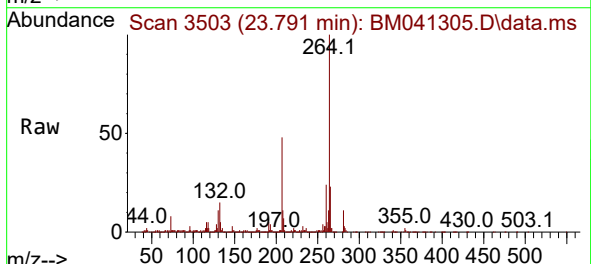
Instrument :
BNA_M
ClientSampleId :
PB154530BS

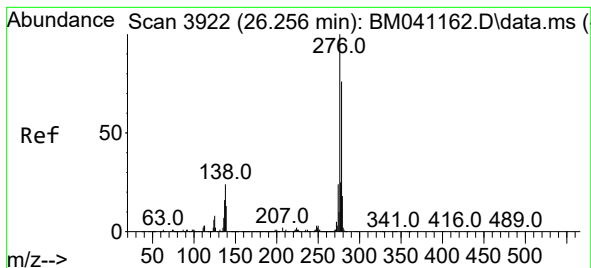
Tgt Ion:149 Resp: 1521044
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:264 Resp: 462116
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 23.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.029 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

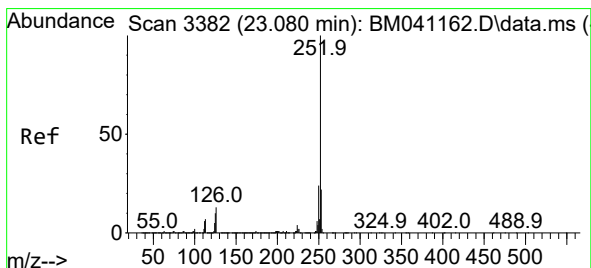
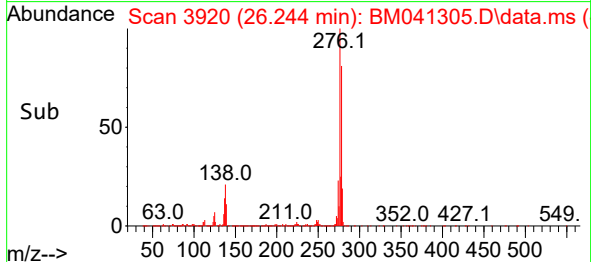
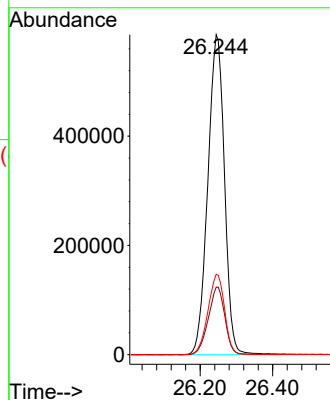
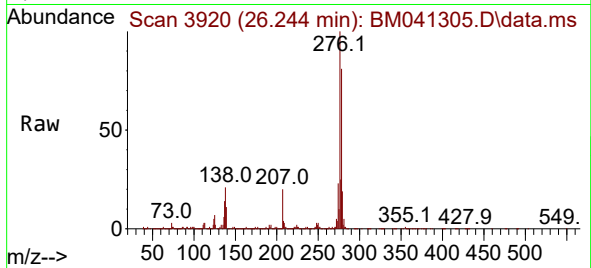
Tgt Ion:276 Resp: 1869626

Ion Ratio Lower Upper

276 100

138 21.0 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 53.881 ng

RT: 23.074 min Scan# 3381

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

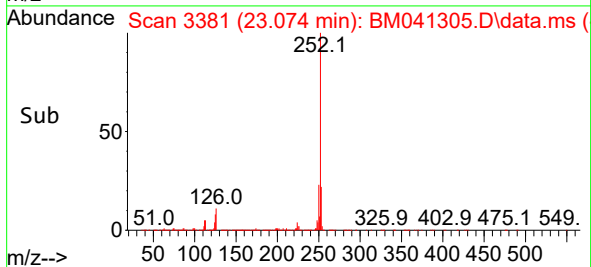
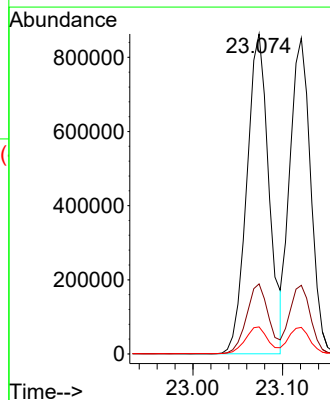
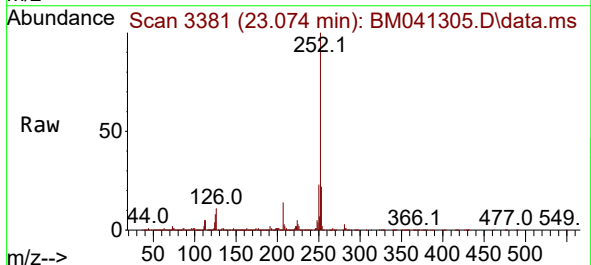
Tgt Ion:252 Resp: 1479168

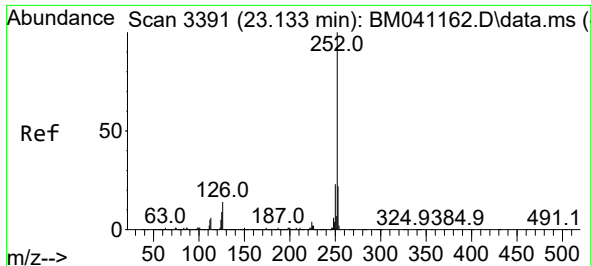
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.4 8.2 12.4

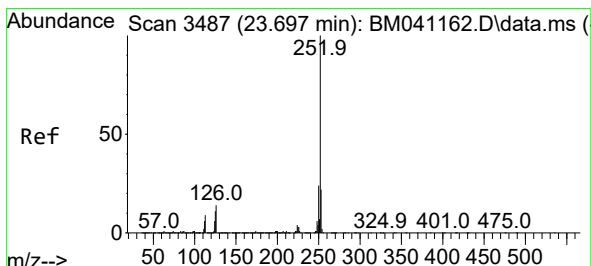
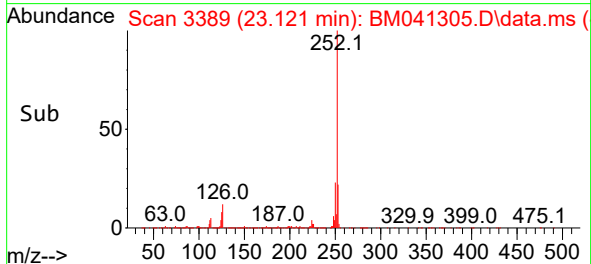
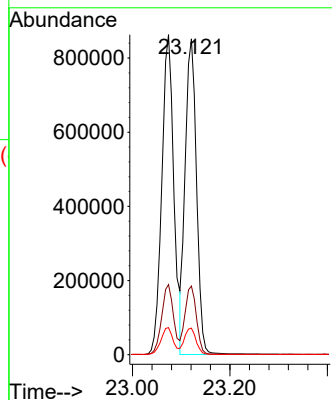
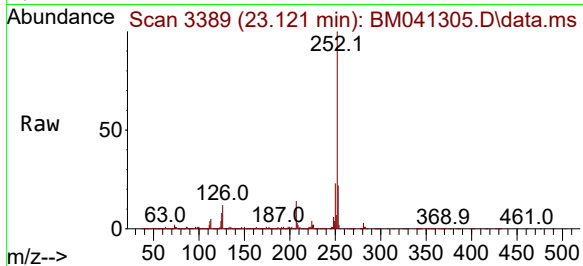




#89
Benzo(k)fluoranthene
Concen: 48.864 ng
RT: 23.121 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

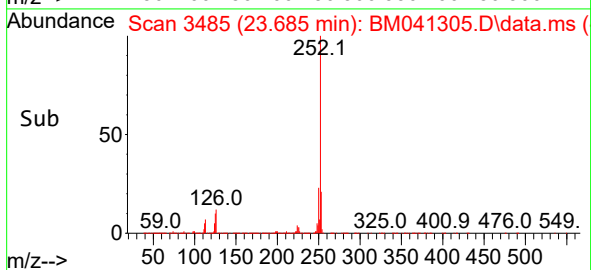
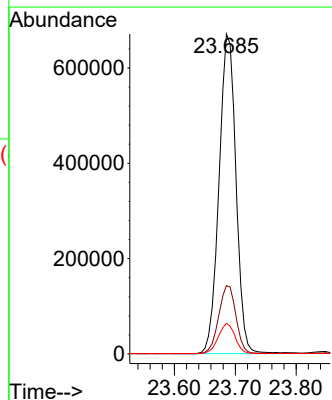
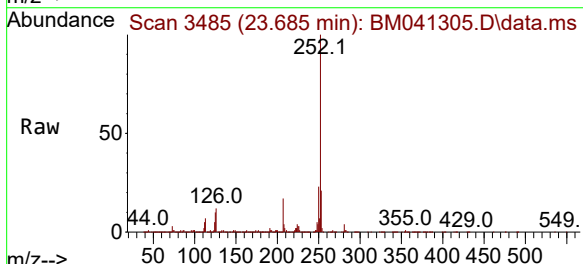
Instrument :
BNA_M
ClientSampleId :
PB154530BS

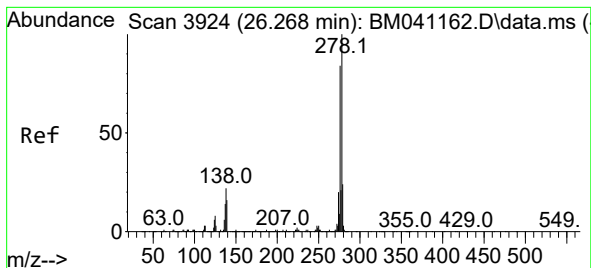
Tgt Ion:252 Resp: 1372166
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 49.087 ng
RT: 23.685 min Scan# 3485
Delta R.T. -0.000 min
Lab File: BM041305.D
Acq: 07 Aug 2023 10:34

Tgt Ion:252 Resp: 1294823
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 56.009 ng

RT: 26.256 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PB154530BS

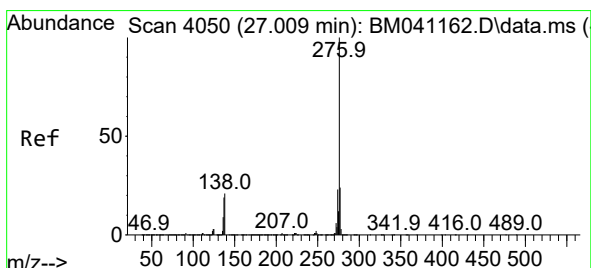
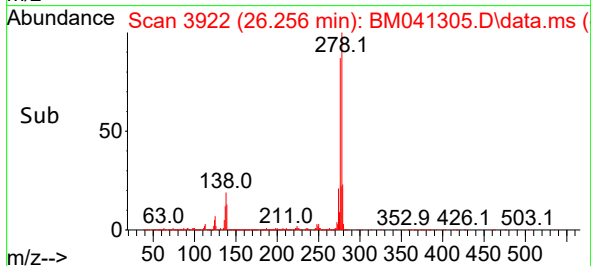
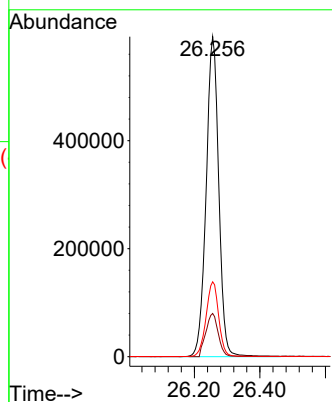
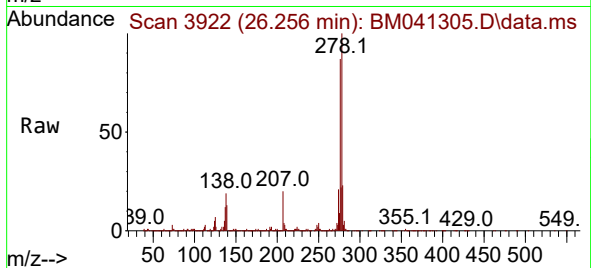
Tgt Ion:278 Resp: 1587210

Ion Ratio Lower Upper

278 100

139 13.5 12.7 19.1

279 23.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 54.038 ng

RT: 27.003 min Scan# 4049

Delta R.T. 0.006 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Tgt Ion:276 Resp: 1498413

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 17.7 17.1 25.7

