

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041307.D
 Acq On : 07 Aug 2023 11:47
 Operator : MA/JU
 Sample : PB154558BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154558BS

Quant Time: Aug 07 17:28:37 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	7.787	152	146263	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	550716	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	302572	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	594030	20.000	ng	0.00
76) Chrysene-d12	21.421	240	545549	20.000	ng	0.00
86) Perylene-d12	23.786	264	672540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1009752	103.181	ng	0.00
7) Phenol-d6	6.969	99	1228590	96.852	ng	0.00
23) Nitrobenzene-d5	8.963	82	811591	68.534	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	461260	107.778	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1671227	69.774	ng	0.00
79) Terphenyl-d14	19.851	244	2283493	75.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	116146	27.744	ng	96
3) Pyridine	3.658	79	296456	26.932	ng	97
4) n-Nitrosodimethylamine	3.575	42	164325	32.278	ng	95
6) Aniline	7.122	93	464791	31.308	ng	99
8) 2-Chlorophenol	7.351	128	364926	38.197	ng	99
9) Benzaldehyde	6.934	77	207537	31.006	ng	98
10) Phenol	6.998	94	451195	36.827	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	362639	36.566	ng	97
12) 1,3-Dichlorobenzene	7.669	146	413694	39.780	ng	99
13) 1,4-Dichlorobenzene	7.822	146	423972	40.561	ng	99
14) 1,2-Dichlorobenzene	8.134	146	403473	40.258	ng	100
15) Benzyl Alcohol	8.045	79	332743	41.536	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.328	45	446073	33.758	ng	96
17) 2-Methylphenol	8.245	107	295782	35.337	ng	98
18) Hexachloroethane	8.857	117	160732	41.304	ng	91
19) n-Nitroso-di-n-propyla...	8.604	70	286696	37.209	ng	97
20) 3+4-Methylphenols	8.581	107	392508	35.071	ng	96
22) Acetophenone	8.628	105	548624	37.615	ng	# 99
24) Nitrobenzene	9.010	77	429799	35.889	ng	99
25) Isophorone	9.534	82	741156	36.869	ng	99
26) 2-Nitrophenol	9.716	139	195846	41.833	ng	95
27) 2,4-Dimethylphenol	9.781	122	289941	35.195	ng	99
28) bis(2-Chloroethoxy)met...	10.016	93	441573	35.067	ng	100
29) 2,4-Dichlorophenol	10.251	162	327502	39.422	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	380638	41.470	ng	99
31) Naphthalene	10.645	128	1082967	36.238	ng	99
32) Benzoic acid	9.945	122	228670	38.604	ng	98
33) 4-Chloroaniline	10.775	127	307626	25.758	ng	98
34) Hexachlorobutadiene	10.910	225	243627	44.133	ng	98
35) Caprolactam	11.586	113	87712	36.497	ng	91
36) 4-Chloro-3-methylphenol	11.910	107	318277	36.399	ng	97
37) 2-Methylnaphthalene	12.263	142	704966	34.990	ng	99
38) 1-Methylnaphthalene	12.486	142	669747	35.517	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	395999	40.306	ng	# 98
41) Hexachlorocyclopentadiene	12.598	237	456193	87.766	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	253238	40.215	ng	99

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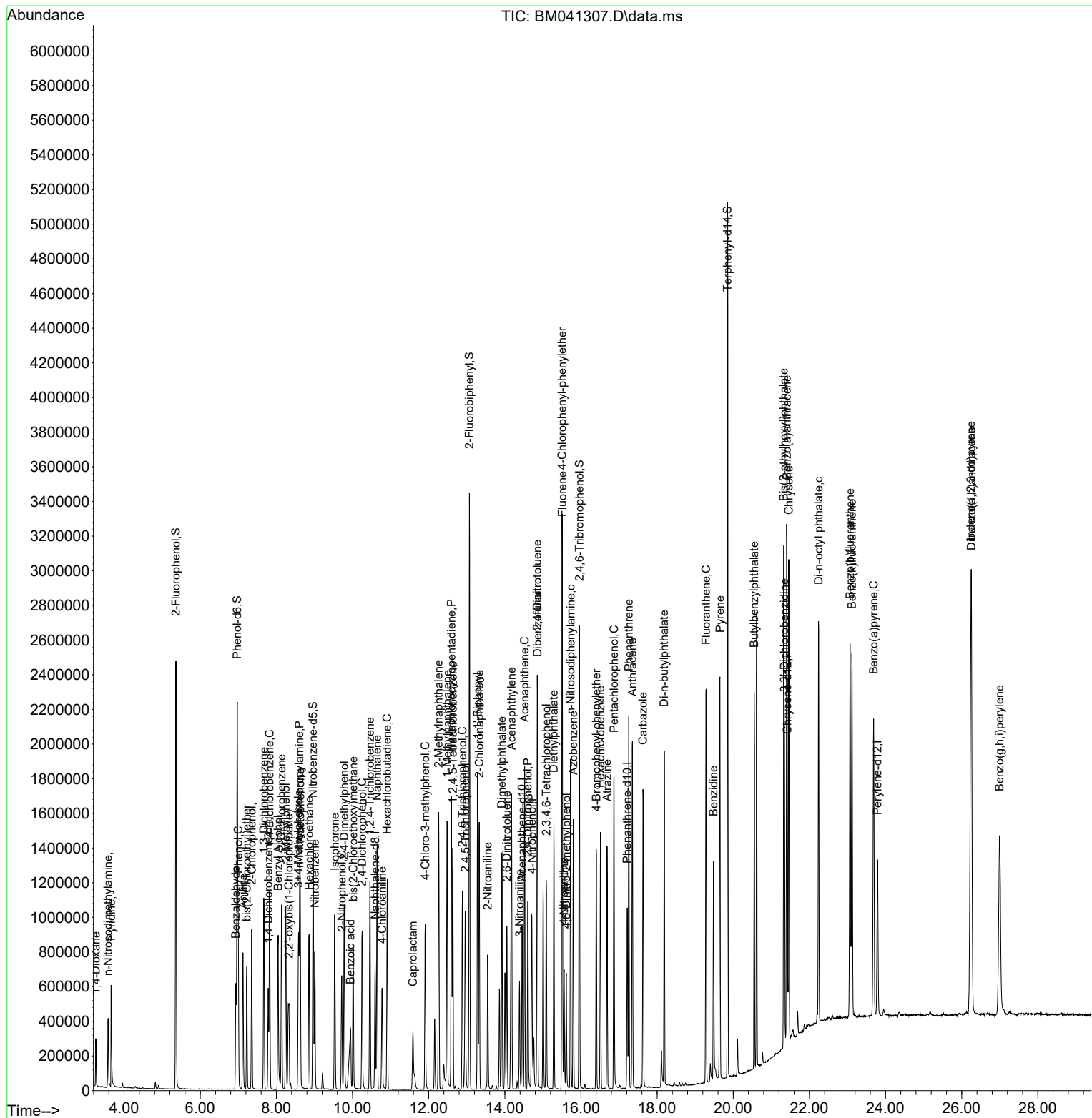
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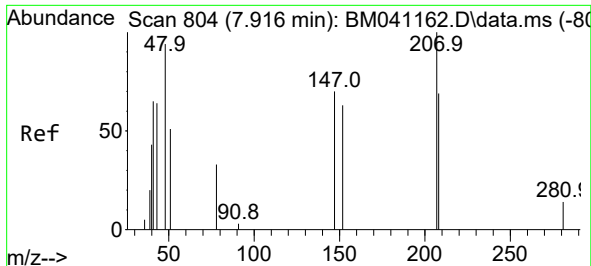
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	268470	36.835	ng	96
46) 1,1'-Biphenyl	13.286	154	900601	36.716	ng	98
47) 2-Chloronaphthalene	13.327	162	710748	38.806	ng	98
48) 2-Nitroaniline	13.551	65	211051	36.100	ng	99
49) Acenaphthylene	14.174	152	1100183	37.216	ng	99
50) Dimethylphthalate	13.922	163	819568	36.009	ng	99
51) 2,6-Dinitrotoluene	14.051	165	178585	37.869	ng	99
52) Acenaphthene	14.522	154	631541	35.462	ng	100
53) 3-Nitroaniline	14.386	138	149860	28.564	ng	92
54) 2,4-Dinitrophenol	14.604	184	233890	73.922	ng	90
55) Dibenzofuran	14.857	168	1028525	35.398	ng	99
56) 4-Nitrophenol	14.710	139	285916	72.746	ng	94
57) 2,4-Dinitrotoluene	14.851	165	239023	36.188	ng	94
58) Fluorene	15.510	166	806092	35.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	231090	39.155	ng	96
60) Diethylphthalate	15.286	149	799986	36.346	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	422802	36.809	ng	99
62) 4-Nitroaniline	15.557	138	164374	34.004	ng	95
63) Azobenzene	15.798	77	823592	34.160	ng	98
65) 4,6-Dinitro-2-methylph...	15.616	198	140635	39.080	ng	89
66) n-Nitrosodiphenylamine	15.727	169	673312	36.445	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	253303	38.892	ng	99
68) Hexachlorobenzene	16.510	284	296594	40.953	ng	98
69) Atrazine	16.686	200	237079	48.865	ng	99
70) Pentachlorophenol	16.868	266	336108	67.021	ng	100
71) Phenanthrene	17.257	178	1188242	36.002	ng	100
72) Anthracene	17.351	178	1199990	36.762	ng	99
73) Carbazole	17.627	167	1086239	36.766	ng	100
74) Di-n-butylphthalate	18.186	149	1324451	39.671	ng	99
75) Fluoranthene	19.286	202	1361949	36.730	ng	98
77) Benzidine	19.480	184	766794	103.122	ng	100
78) Pyrene	19.651	202	1416147	37.120	ng	99
80) Butylbenzylphthalate	20.551	149	586233	42.078	ng	99
81) Benzo(a)anthracene	21.403	228	1429698	38.657	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	526405	43.619	ng	99
83) Chrysene	21.456	228	1307263	36.544	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	884732	40.412	ng	# 97
85) Di-n-octyl phthalate	22.245	149	1559498	44.290	ng	96
87) Indeno(1,2,3-cd)pyrene	26.244	276	1964999	39.740	ng	96
88) Benzo(b)fluoranthene	23.068	252	1510924	37.818	ng	98
89) Benzo(k)fluoranthene	23.115	252	1463158	35.802	ng	99
90) Benzo(a)pyrene	23.686	252	1364439	35.542	ng	97
91) Dibenzo(a,h)anthracene	26.256	278	1660512	40.262	ng	97
92) Benzo(g,h,i)perylene	26.991	276	1560891	38.679	ng	97

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

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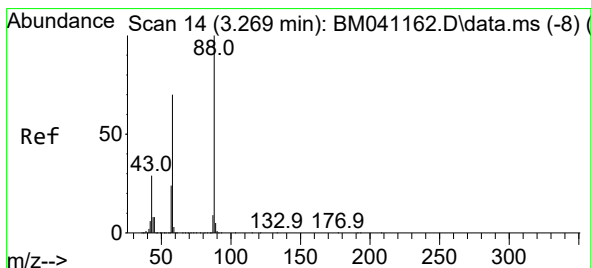
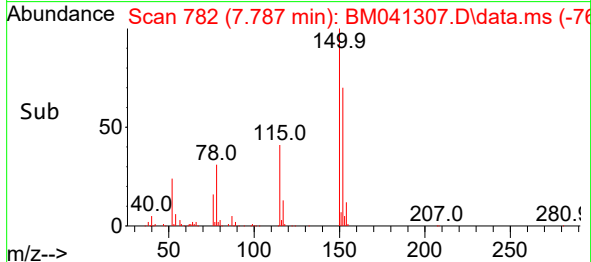
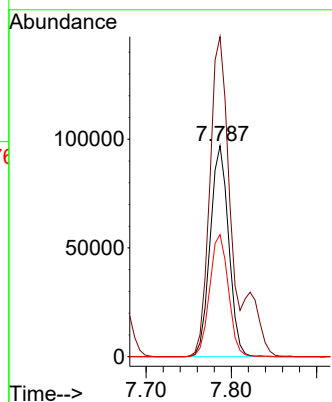
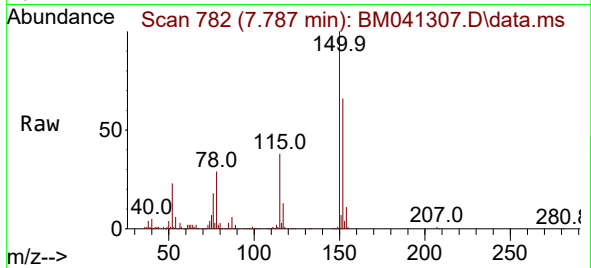




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041307.D
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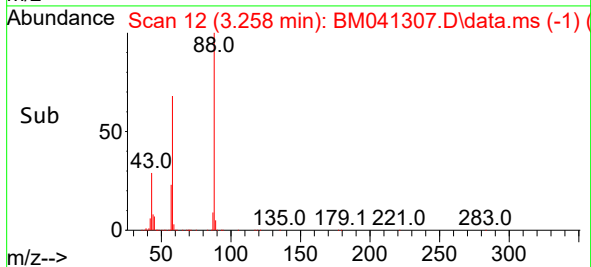
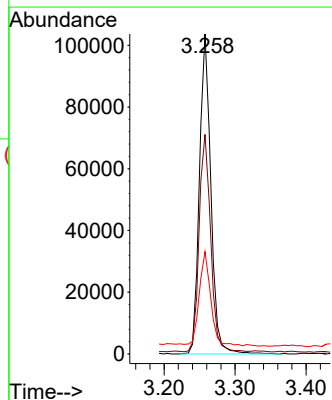
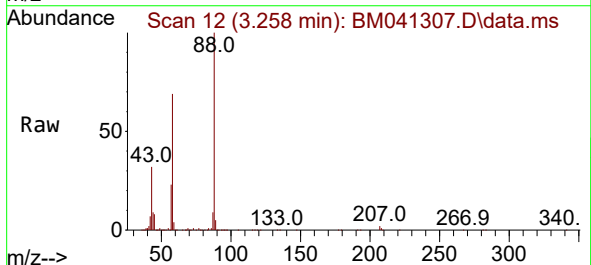
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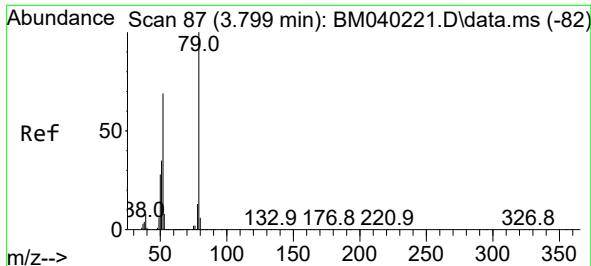
Tgt Ion:152 Resp: 146263
Ion Ratio Lower Upper
152 100
150 151.8 125.5 188.3
115 57.9 48.0 72.0



#2
1,4-Dioxane
Concen: 27.744 ng
RT: 3.258 min Scan# 12
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 88 Resp: 116146
Ion Ratio Lower Upper
88 100
58 68.6 58.2 87.4
43 29.5 24.4 36.6

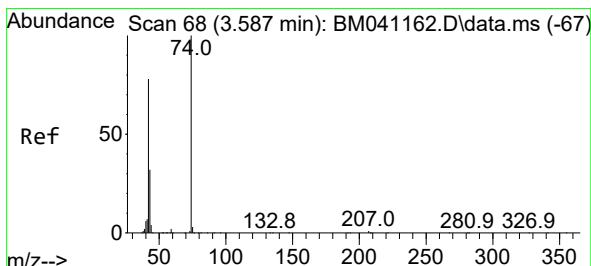
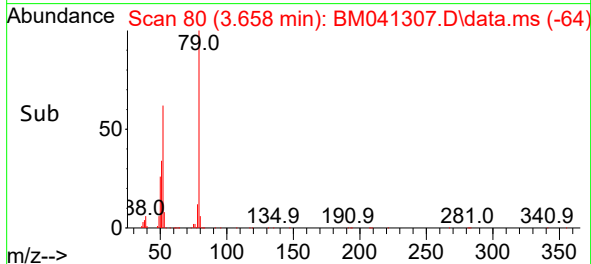
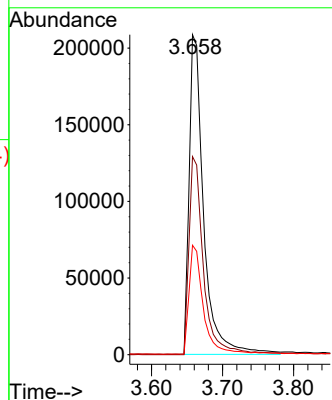
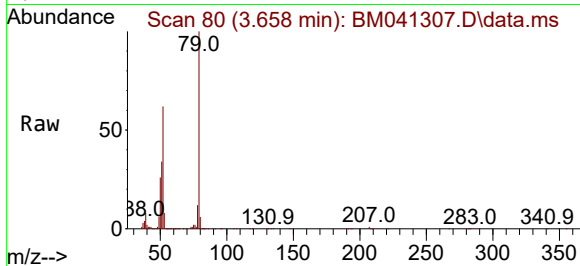




#3
 Pyridine
 Concen: 26.932 ng
 RT: 3.658 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041307.D
 Acq: 07 Aug 2023 11:47

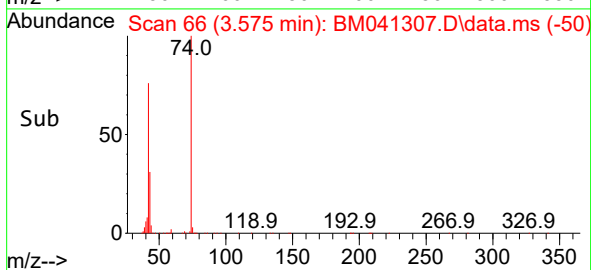
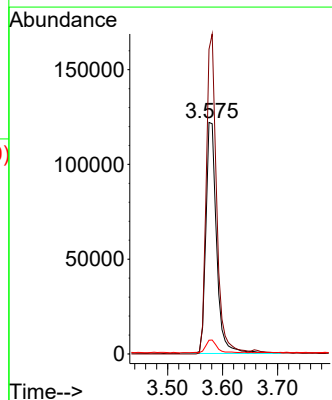
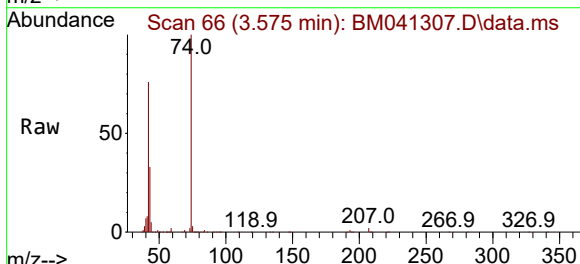
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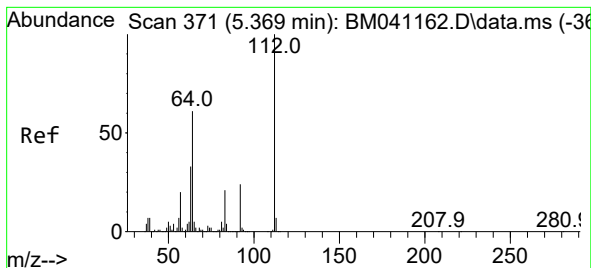
Tgt Ion: 79 Resp: 296456
 Ion Ratio Lower Upper
 79 100
 52 61.9 52.1 78.1
 51 34.2 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 32.278 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041307.D
 Acq: 07 Aug 2023 11:47

Tgt Ion: 42 Resp: 164325
 Ion Ratio Lower Upper
 42 100
 74 131.6 100.8 151.2
 44 5.9 5.0 7.4





#5

2-Fluorophenol

Concen: 103.181 ng

RT: 5.363 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

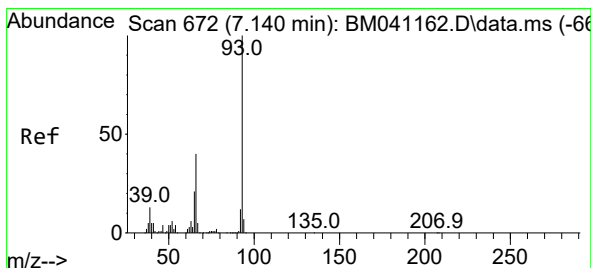
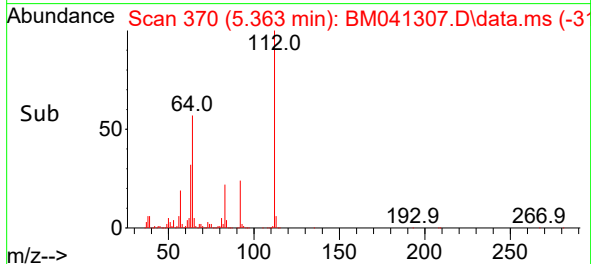
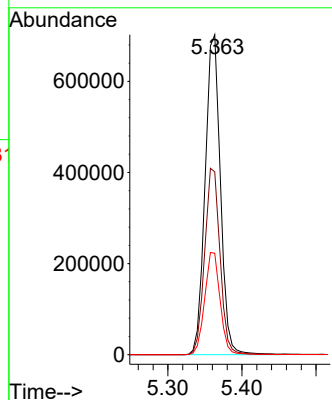
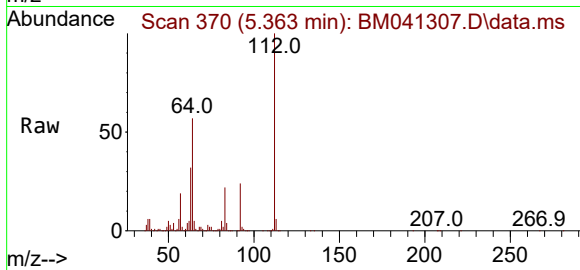
Tgt Ion:112 Resp: 1009752

Ion Ratio Lower Upper

112 100

64 57.2 48.5 72.7

63 31.7 26.5 39.7



#6

Aniline

Concen: 31.308 ng

RT: 7.122 min Scan# 669

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

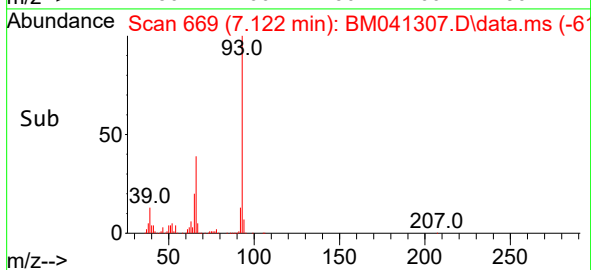
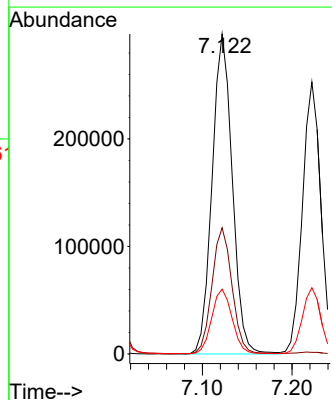
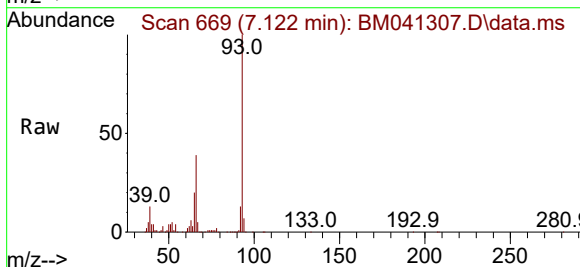
Tgt Ion: 93 Resp: 464791

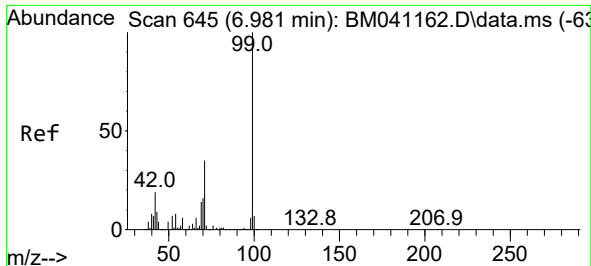
Ion Ratio Lower Upper

93 100

66 39.5 32.0 48.0

65 20.2 16.6 24.8

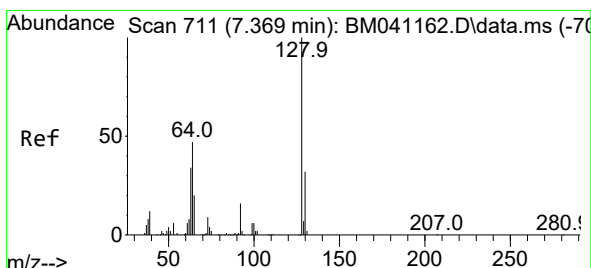
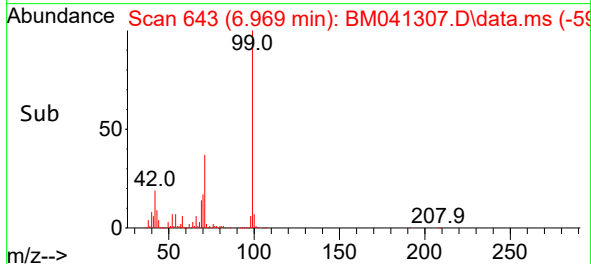
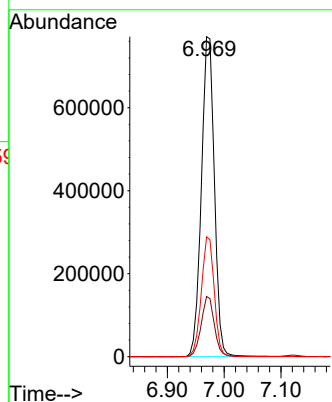
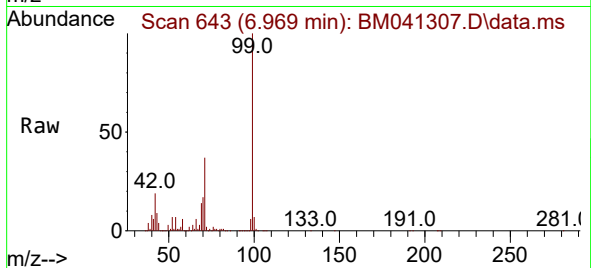




#7
Phenol-d6
Concen: 96.852 ng
RT: 6.969 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

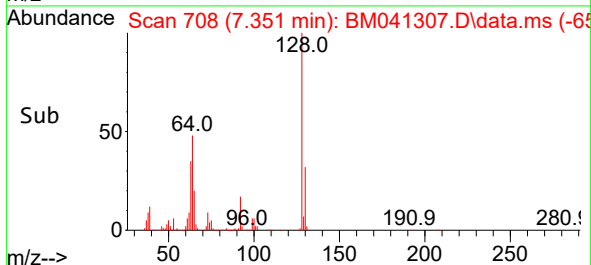
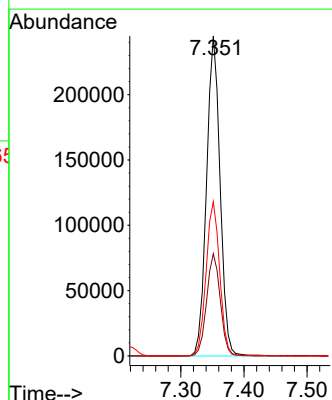
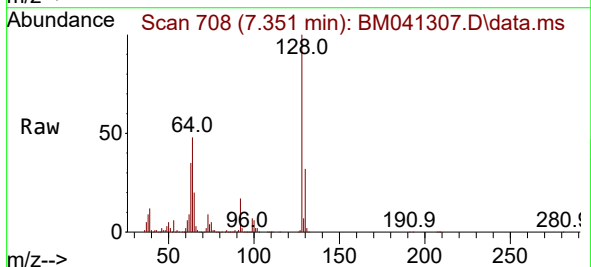
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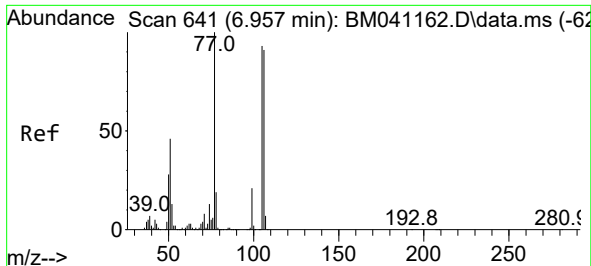
Tgt Ion: 99 Resp: 1228590
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 37.4 28.2 42.4



#8
2-Chlorophenol
Concen: 38.197 ng
RT: 7.351 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 128 Resp: 364926
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 48.2 29.3 69.3

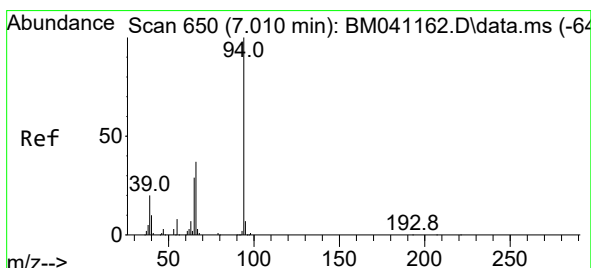
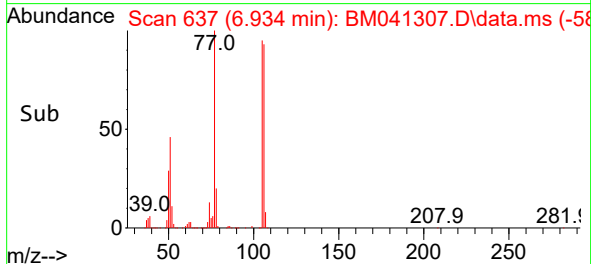
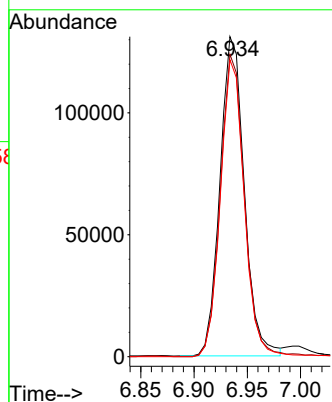
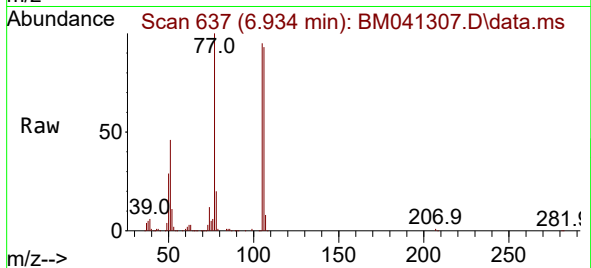




#9
Benzaldehyde
Concen: 31.006 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041307.D
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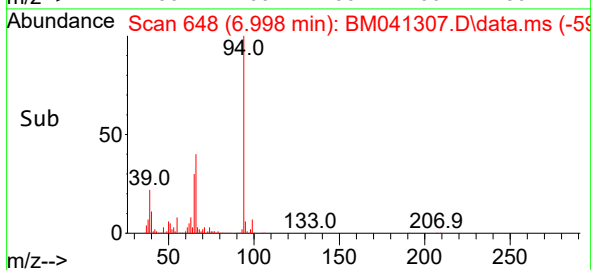
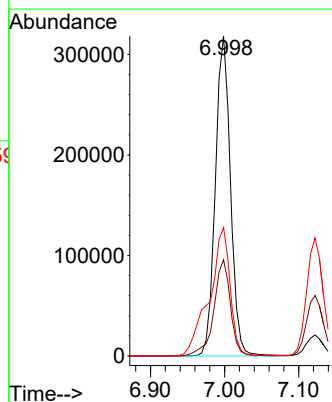
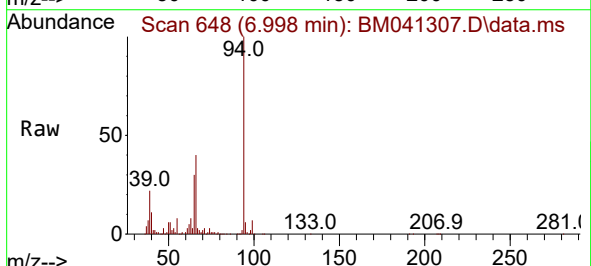
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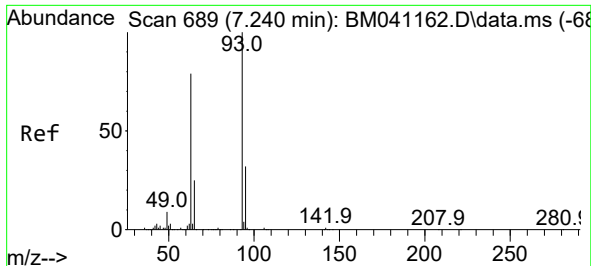
Tgt Ion: 77 Resp: 207537
Ion Ratio Lower Upper
77 100
105 94.5 72.8 112.8
106 92.8 70.8 110.8



#10
Phenol
Concen: 36.827 ng
RT: 6.998 min Scan# 648
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 94 Resp: 451195
Ion Ratio Lower Upper
94 100
65 30.0 9.5 49.5
66 40.2 18.0 58.0

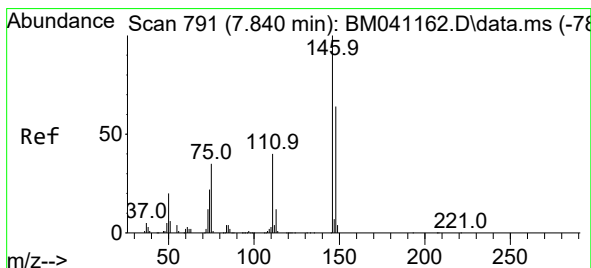
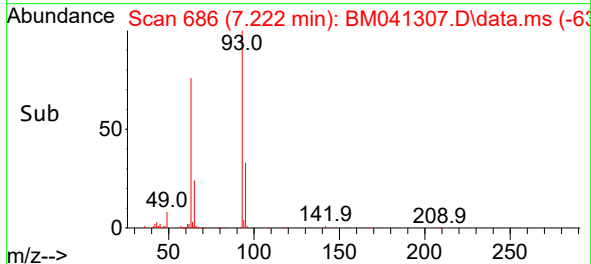
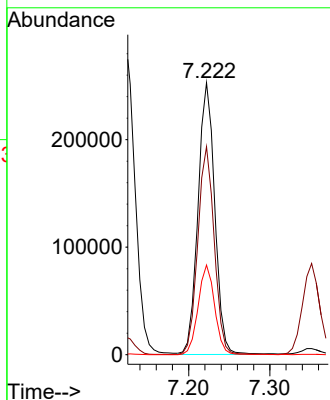
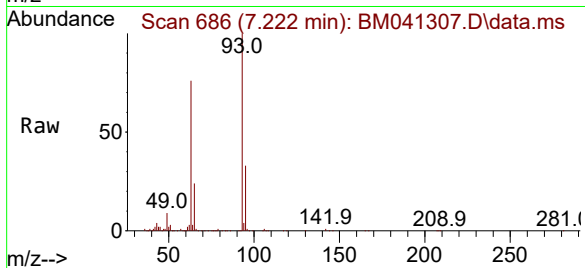




#11
bis(2-Chloroethyl)ether
Concen: 36.566 ng
RT: 7.222 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

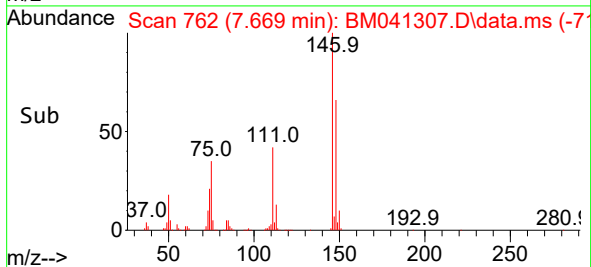
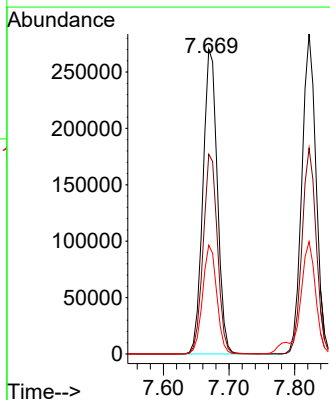
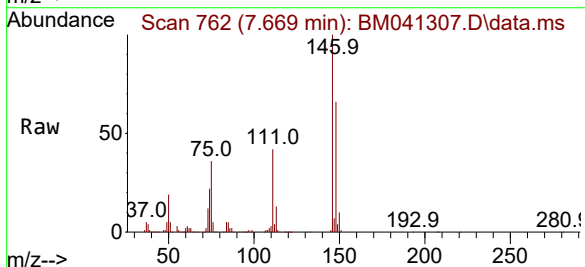
Instrument :
BNA_M
ClientSampleId :
PB154558BS

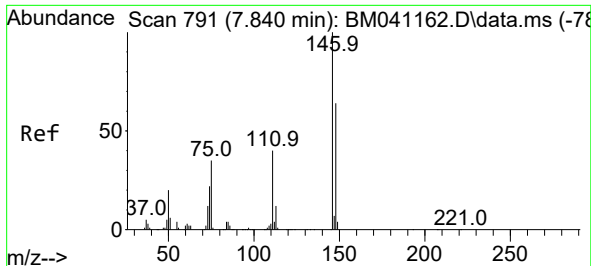
Tgt Ion: 93 Resp: 362639
Ion Ratio Lower Upper
93 100
63 76.5 58.8 98.8
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.780 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 146 Resp: 413694
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
75 35.7 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 40.561 ng

RT: 7.822 min Scan# 791

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

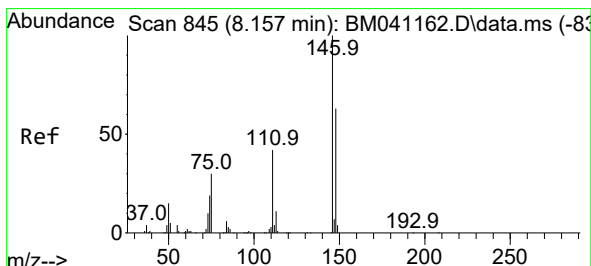
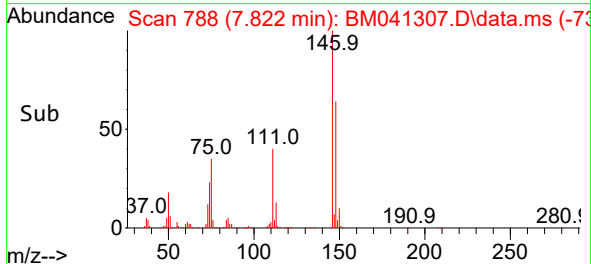
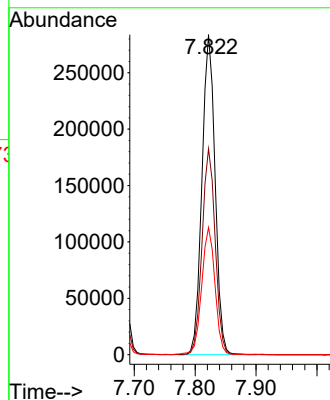
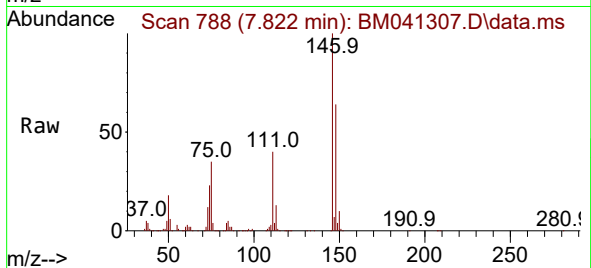
Tgt Ion:146 Resp: 423972

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

111 39.7 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 40.258 ng

RT: 8.134 min Scan# 841

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

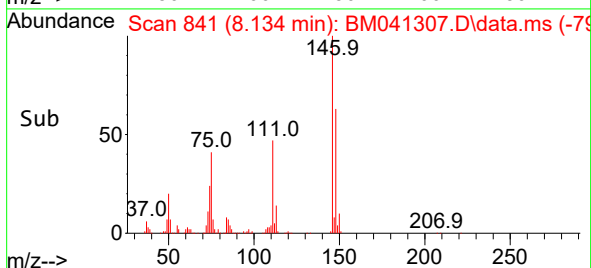
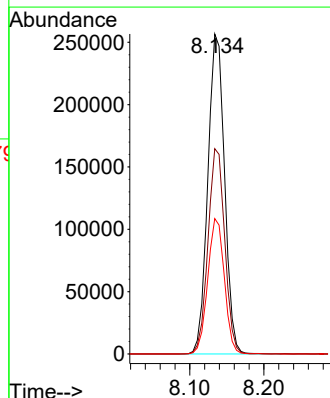
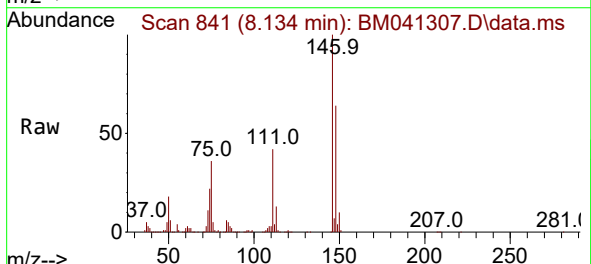
Tgt Ion:146 Resp: 403473

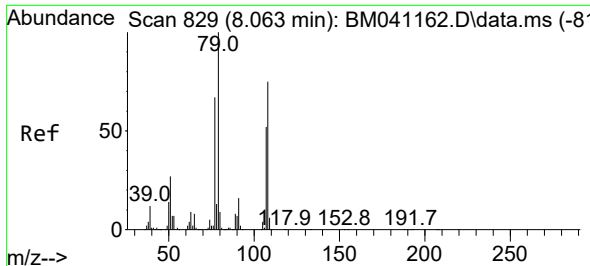
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 42.3 33.8 50.6

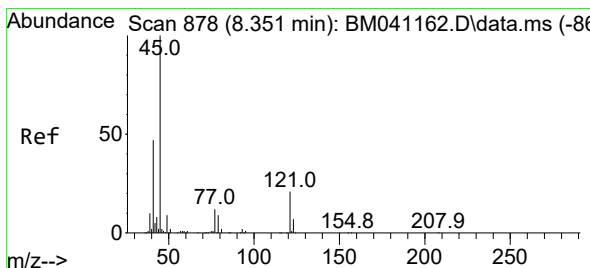
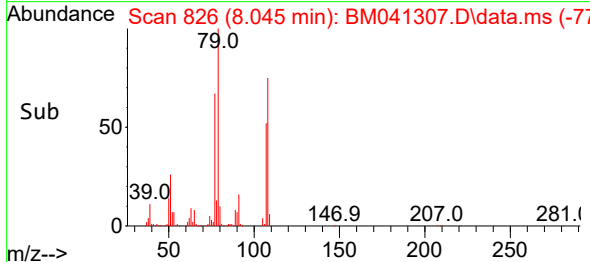
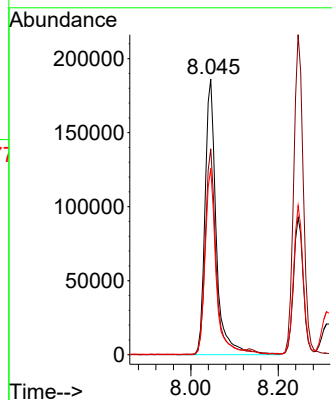
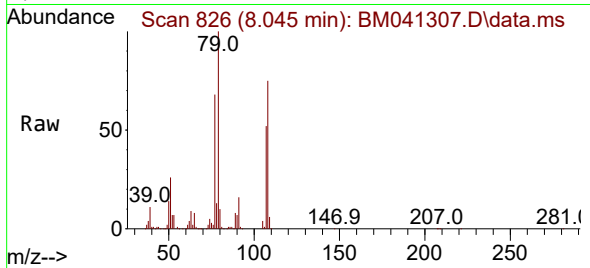




#15
Benzyl Alcohol
Concen: 41.536 ng
RT: 8.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

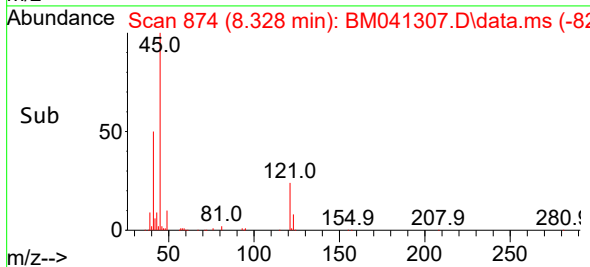
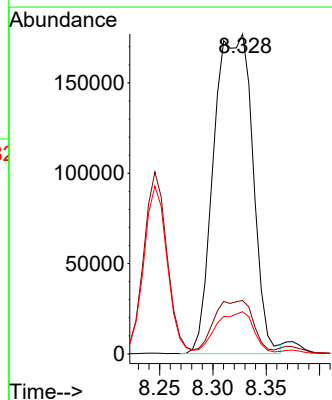
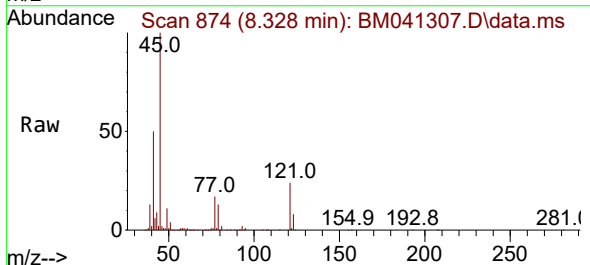
Instrument :
BNA_M
ClientSampleId :
PB154558BS

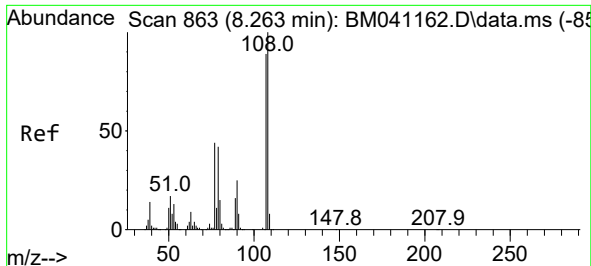
Tgt Ion: 79 Resp: 332743
Ion Ratio Lower Upper
79 100
108 74.6 59.8 89.8
77 67.5 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.758 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 45 Resp: 446073
Ion Ratio Lower Upper
45 100
77 16.7 0.0 34.5
79 13.2 0.0 32.1

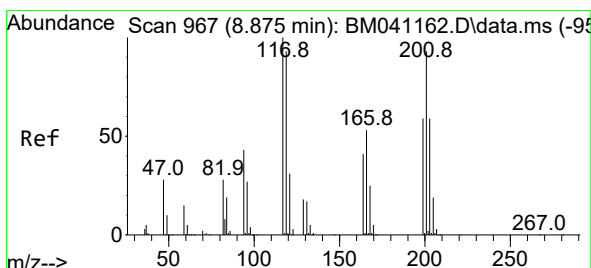
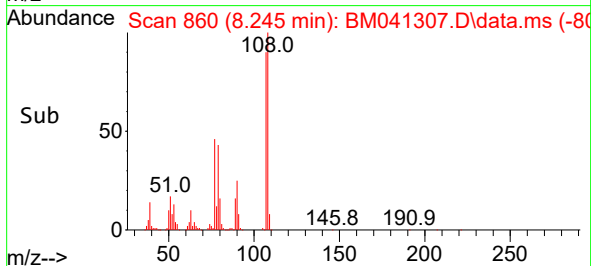
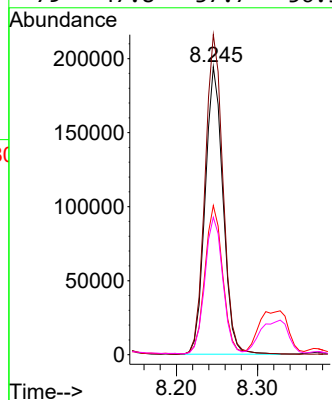
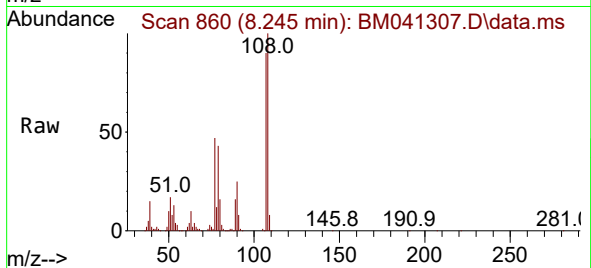




#17
2-Methylphenol
Concen: 35.337 ng
RT: 8.245 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

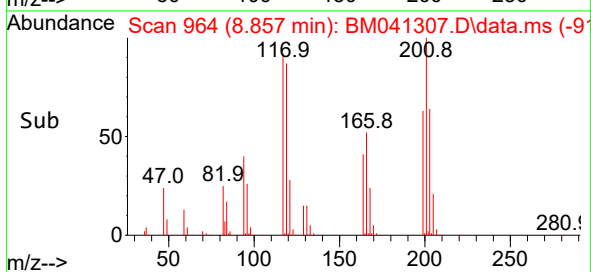
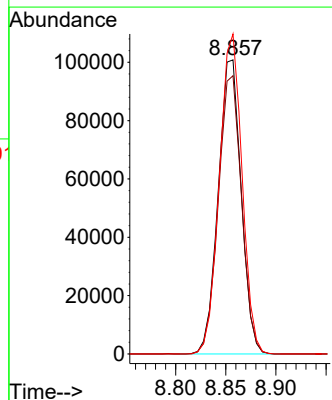
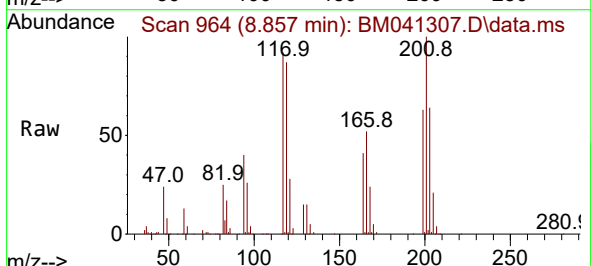
Instrument :
BNA_M
ClientSampleId :
PB154558BS

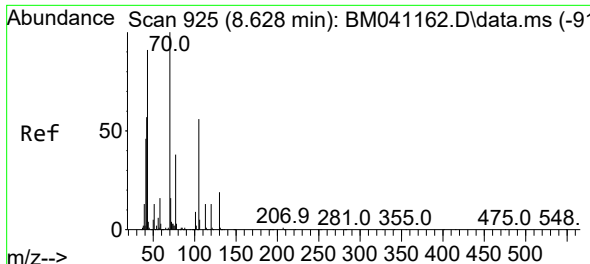
Tgt Ion:107 Resp: 295782
Ion Ratio Lower Upper
107 100
108 111.2 89.9 134.9
77 51.8 39.8 59.8
79 47.8 37.7 56.5



#18
Hexachloroethane
Concen: 41.304 ng
RT: 8.857 min Scan# 964
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:117 Resp: 160732
Ion Ratio Lower Upper
117 100
119 94.6 74.2 111.4
201 108.8 74.5 111.7

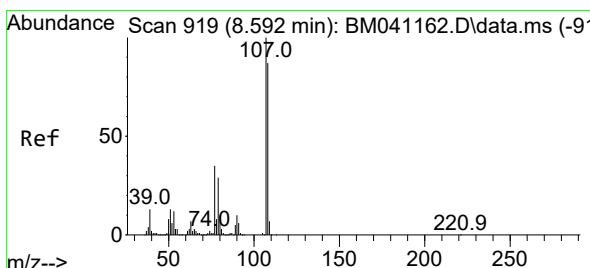
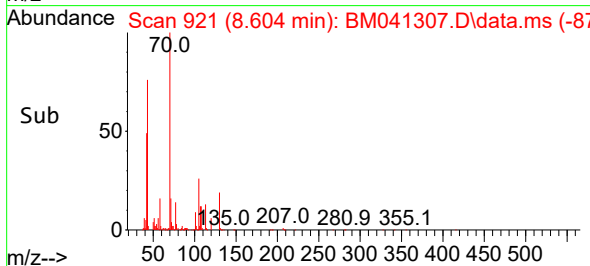
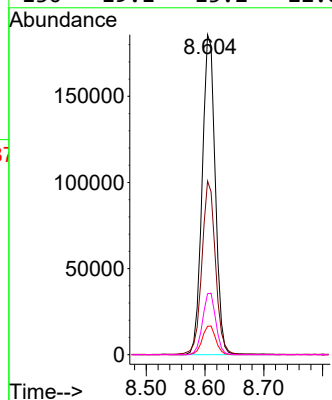
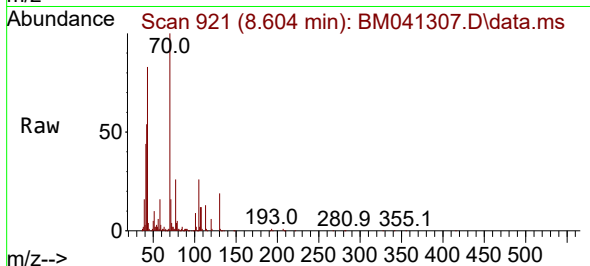




#19
n-Nitroso-di-n-propylamine
Concen: 37.209 ng
RT: 8.604 min Scan# 917
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

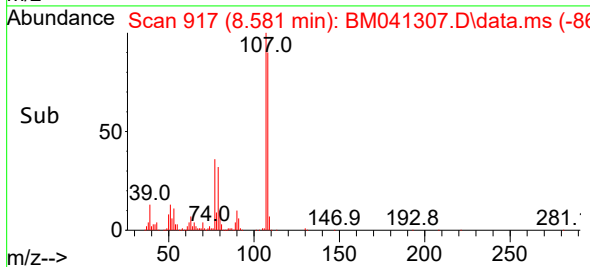
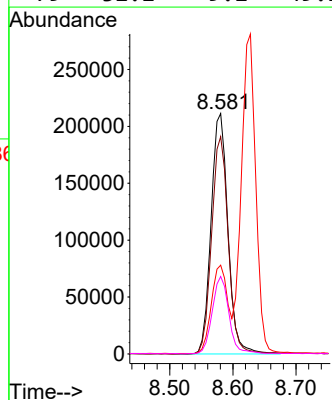
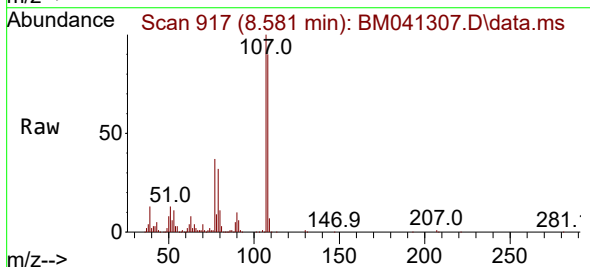
Instrument :
BNA_M
ClientSampleId :
PB154558BS

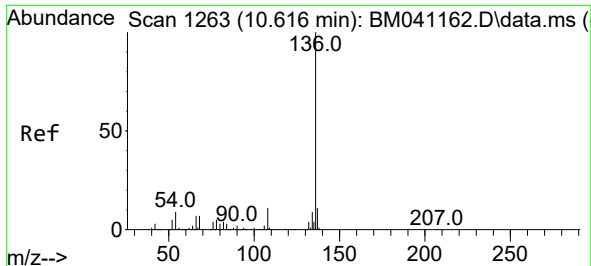
Tgt Ion: 70 Resp: 286696
Ion Ratio Lower Upper
70 100
42 54.2 45.8 68.8
101 8.9 7.4 11.0
130 19.1 15.2 22.8



#20
3+4-Methylphenols
Concen: 35.071 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 107 Resp: 392508
Ion Ratio Lower Upper
107 100
108 90.4 67.2 107.2
77 36.9 15.4 55.4
79 32.2 9.2 49.2

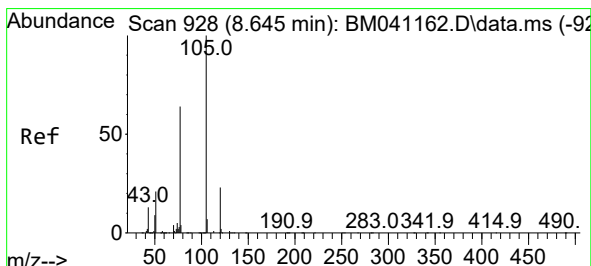
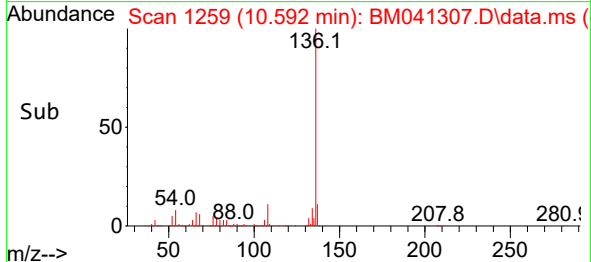
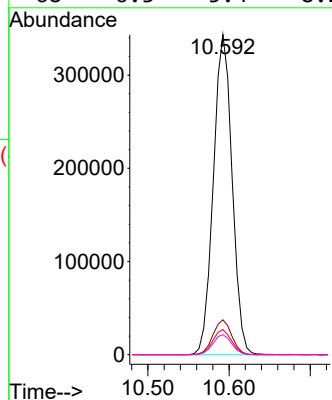
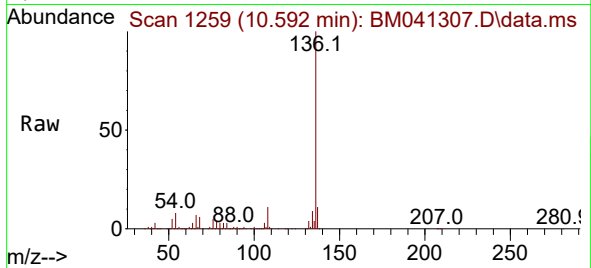




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

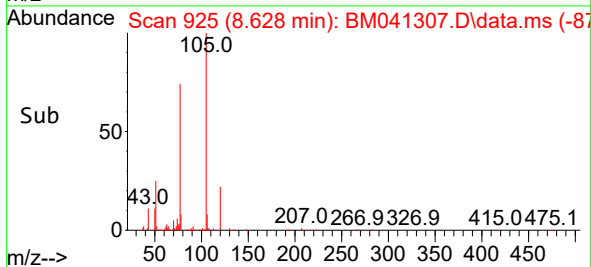
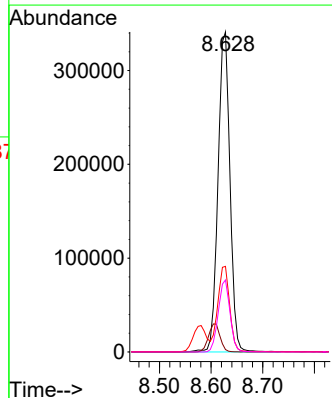
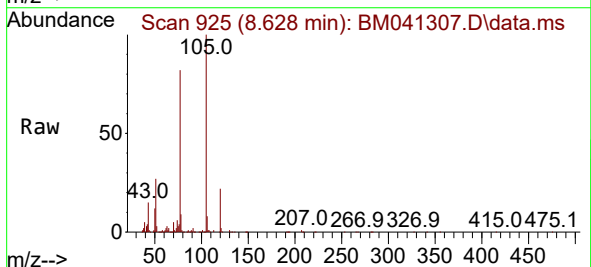
Instrument :
BNA_M
ClientSampleId :
PB154558BS

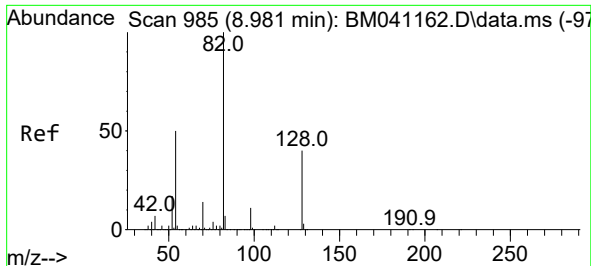
Tgt Ion:136 Resp: 550716
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 6.9 10.3
68 6.3 5.4 8.2



#22
Acetophenone
Concen: 37.615 ng
RT: 8.628 min Scan# 925
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:105 Resp: 548624
Ion Ratio Lower Upper
105 100
71 0.8 1.2 1.8#
51 26.8 22.0 33.0
120 22.5 18.0 27.0

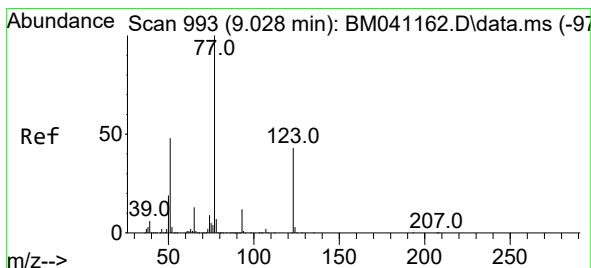
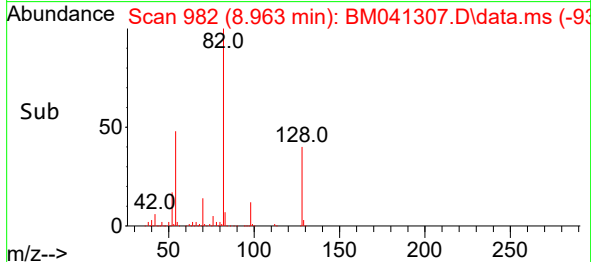
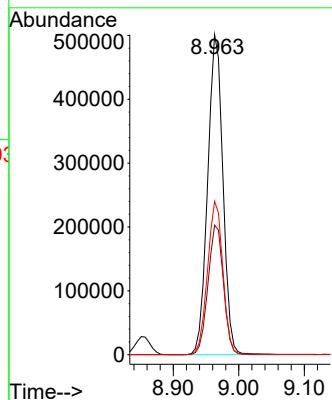
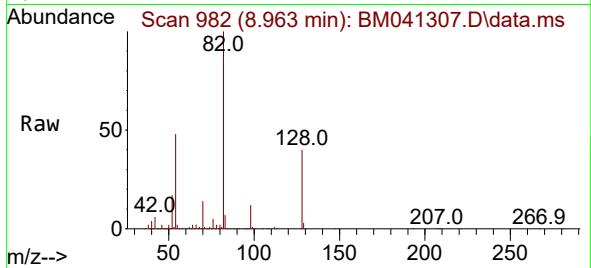




#23
Nitrobenzene-d5
Concen: 68.534 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

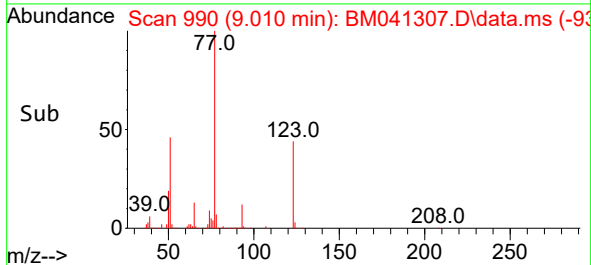
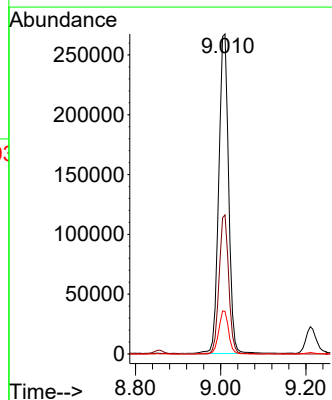
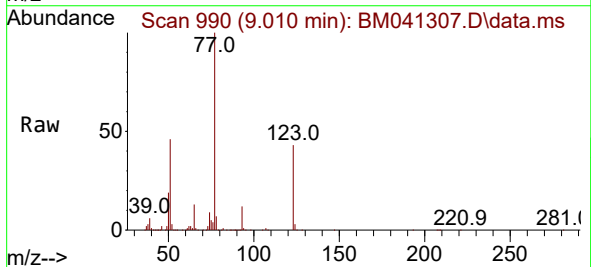
Instrument :
BNA_M
ClientSampleId :
PB154558BS

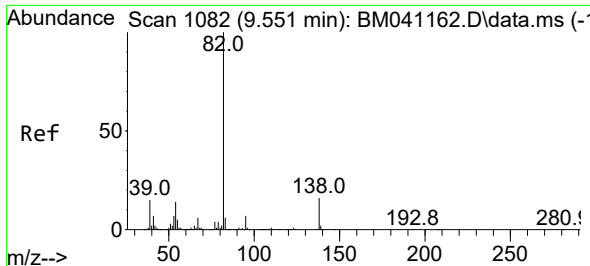
Tgt Ion: 82 Resp: 811591
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.6
54 47.9 40.1 60.1



#24
Nitrobenzene
Concen: 35.889 ng
RT: 9.010 min Scan# 990
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 77 Resp: 429799
Ion Ratio Lower Upper
77 100
123 43.5 34.2 51.2
65 13.3 10.7 16.1

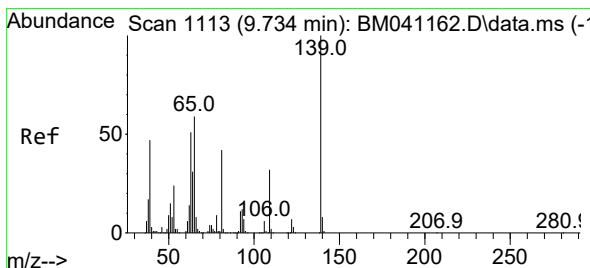
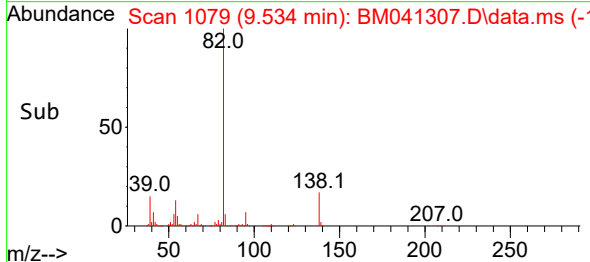
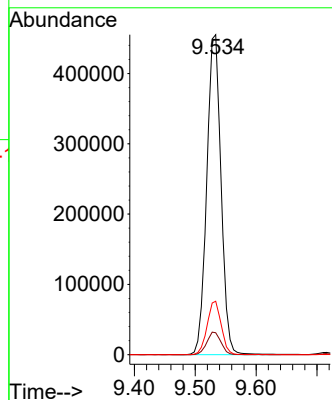
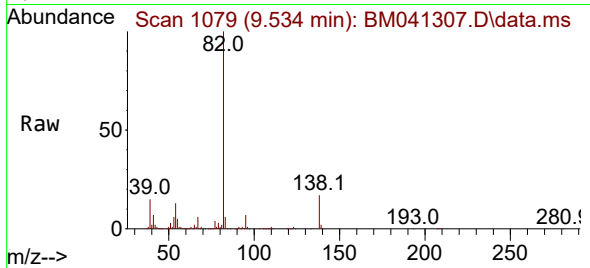




#25
Isophorone
Concen: 36.869 ng
RT: 9.534 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

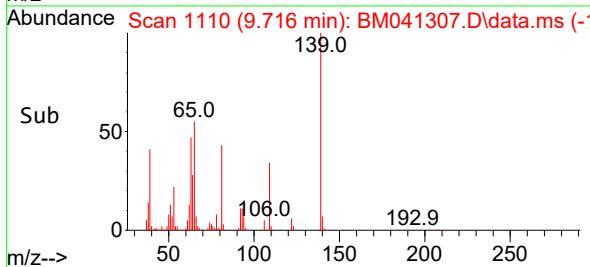
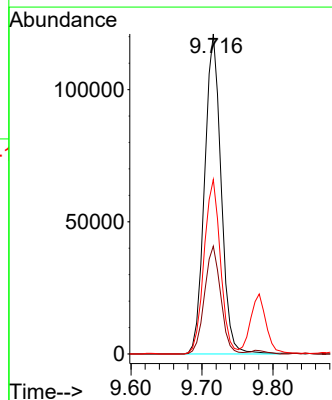
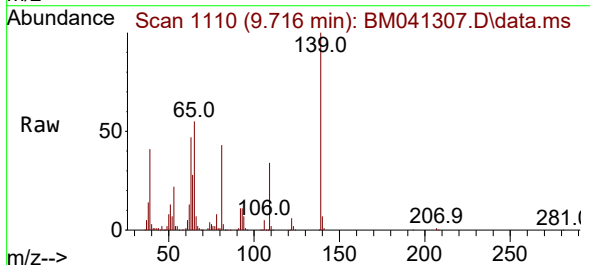
Instrument :
BNA_M
ClientSampleId :
PB154558BS

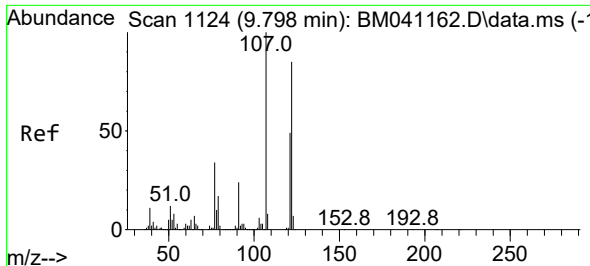
Tgt Ion: 82 Resp: 741156
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 16.7 12.8 19.2



#26
2-Nitrophenol
Concen: 41.833 ng
RT: 9.716 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 139 Resp: 195846
Ion Ratio Lower Upper
139 100
109 33.7 25.4 38.2
65 54.5 47.2 70.8

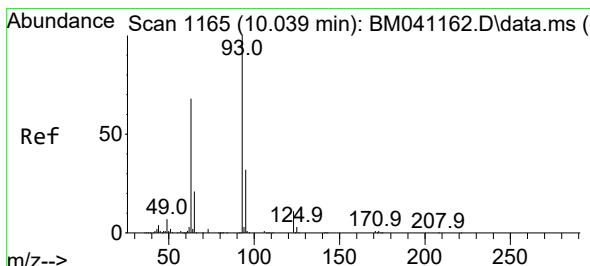
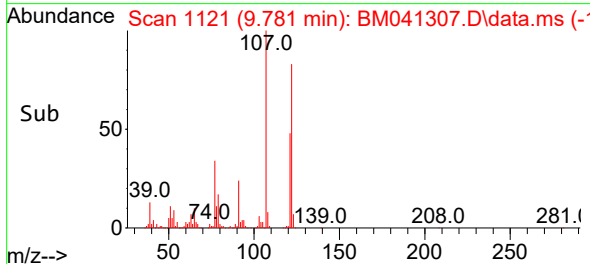
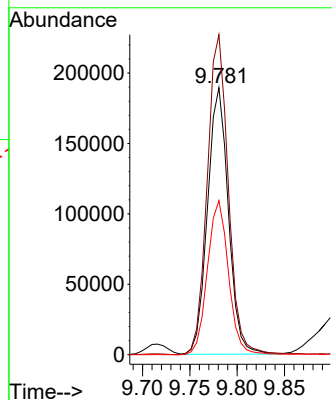
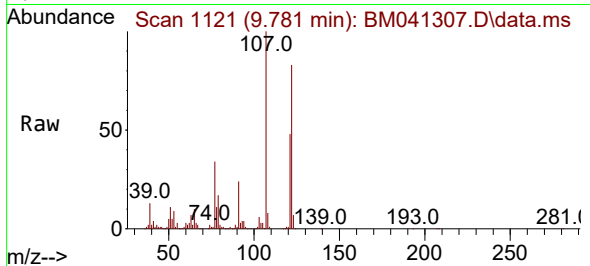




#27
2,4-Dimethylphenol
Concen: 35.195 ng
RT: 9.781 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

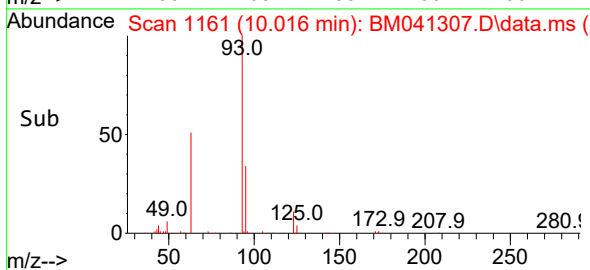
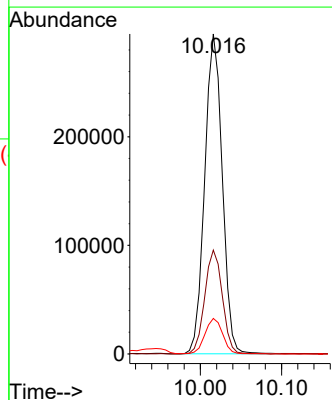
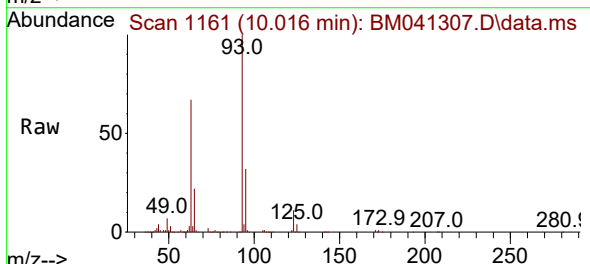
Instrument :
BNA_M
ClientSampleId :
PB154558BS

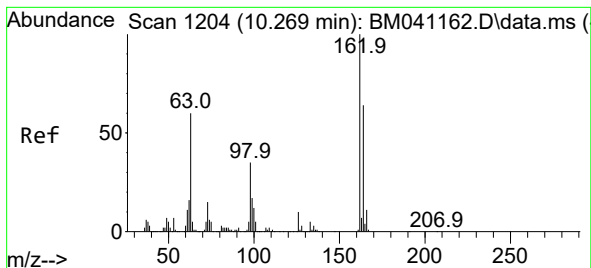
Tgt Ion:122 Resp: 289941
Ion Ratio Lower Upper
122 100
107 119.8 94.3 141.5
121 57.7 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.067 ng
RT: 10.016 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 93 Resp: 441573
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.422 ng

RT: 10.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

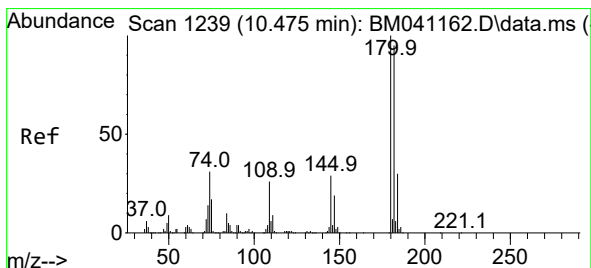
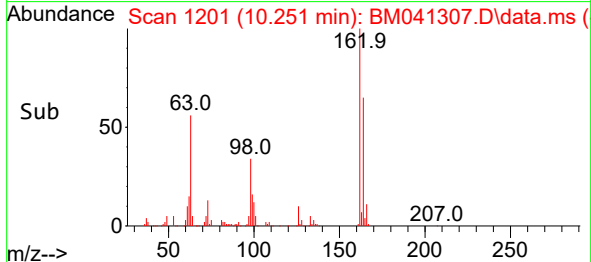
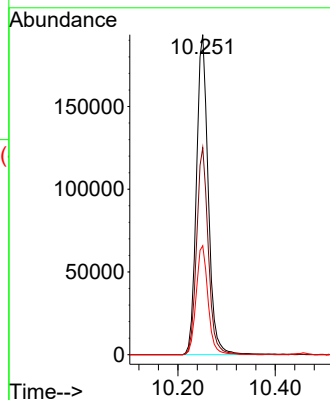
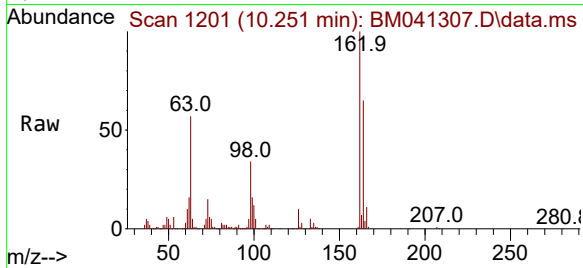
Tgt Ion:162 Resp: 327502

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 34.0 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 41.470 ng

RT: 10.457 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

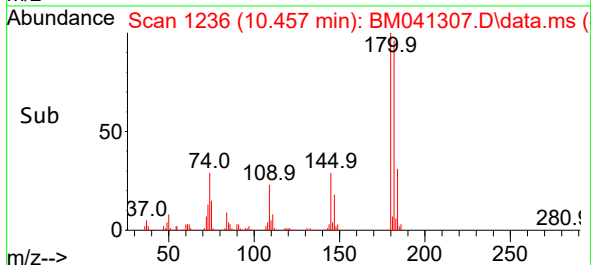
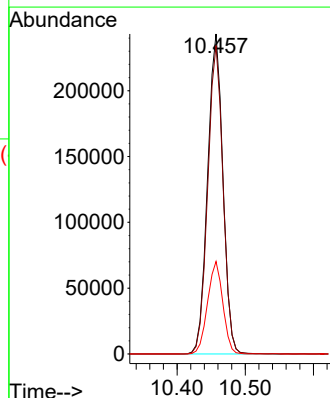
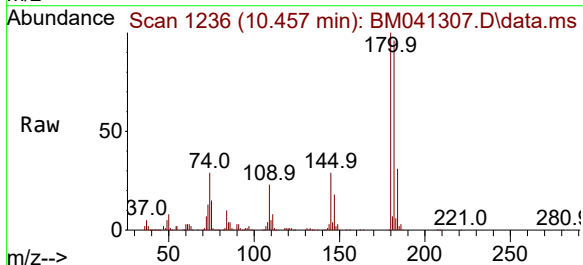
Tgt Ion:180 Resp: 380638

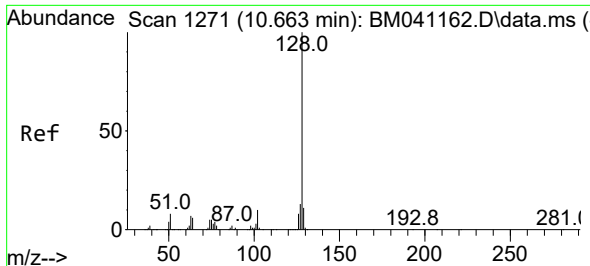
Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

145 28.9 23.6 35.4

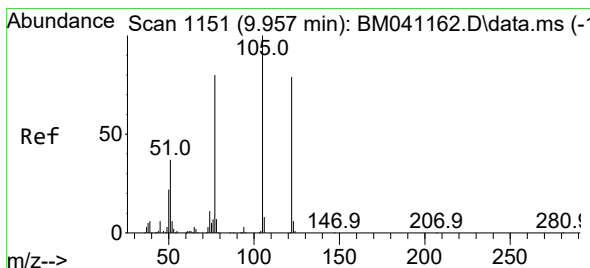
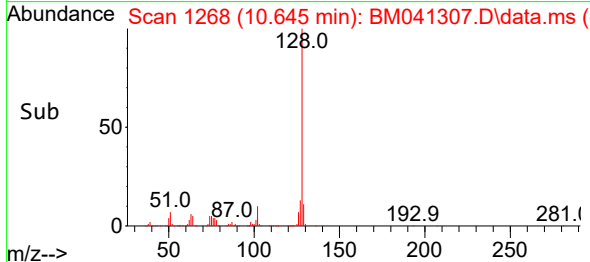
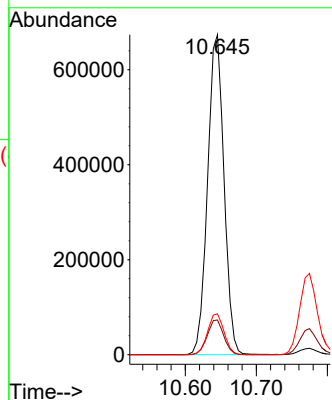
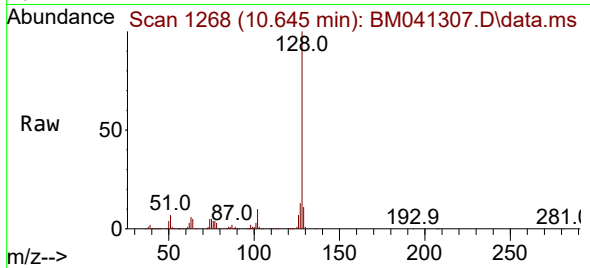




#31
Naphthalene
Concen: 36.238 ng
RT: 10.645 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

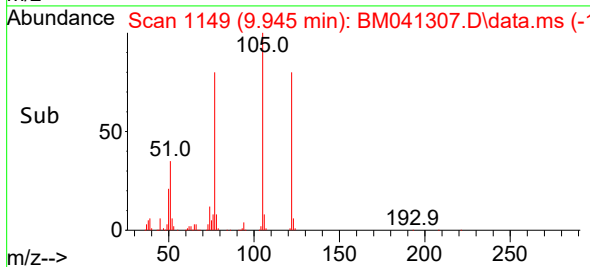
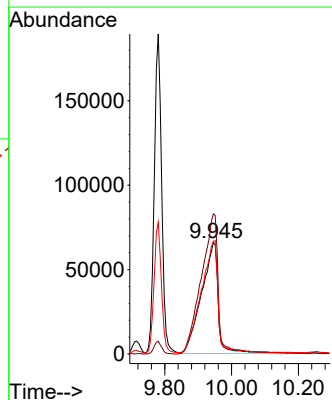
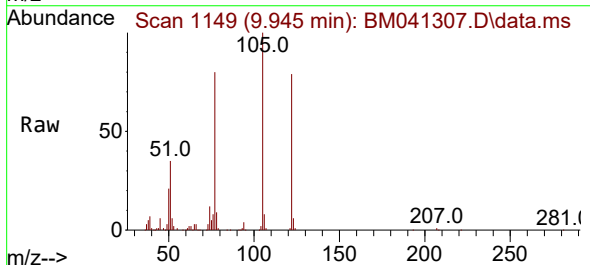
Instrument :
BNA_M
ClientSampleId :
PB154558BS

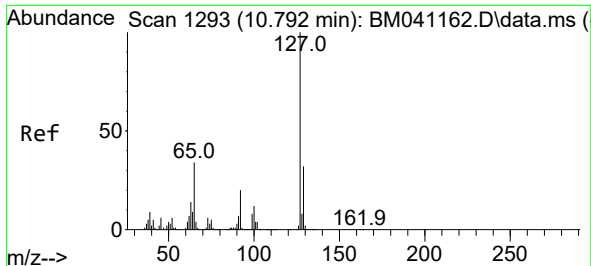
Tgt Ion:128 Resp: 1082967
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.8 10.5 15.7



#32
Benzoic acid
Concen: 38.604 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:122 Resp: 228670
Ion Ratio Lower Upper
122 100
105 125.9 104.0 144.0
77 101.2 79.9 119.9

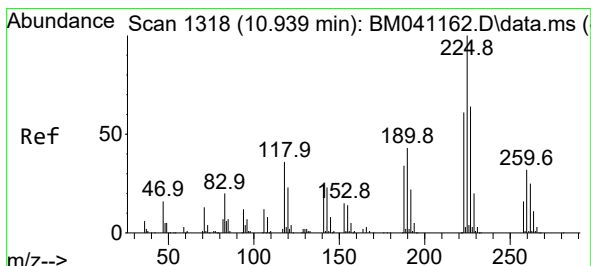
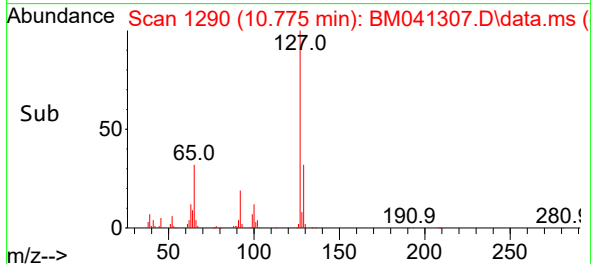
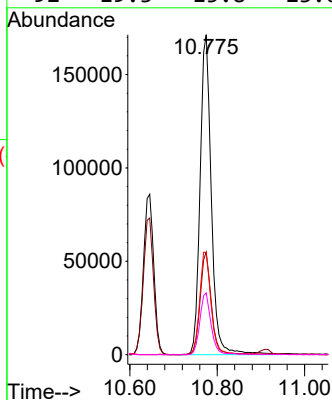
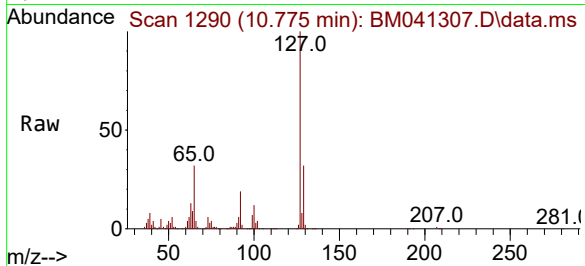




#33
4-Chloroaniline
Concen: 25.758 ng
RT: 10.775 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

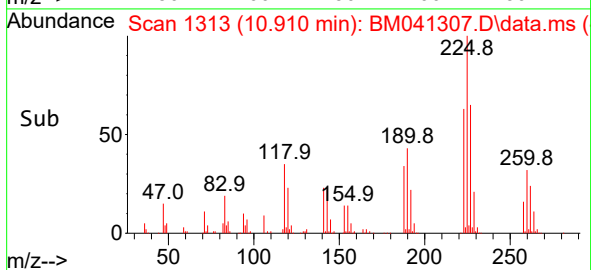
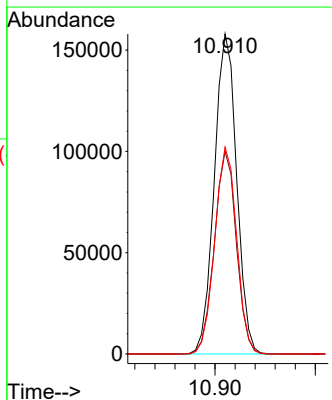
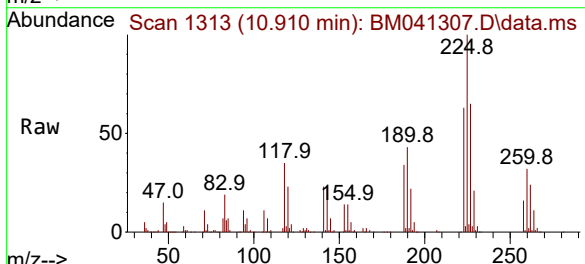
Instrument :
BNA_M
ClientSampleId :
PB154558BS

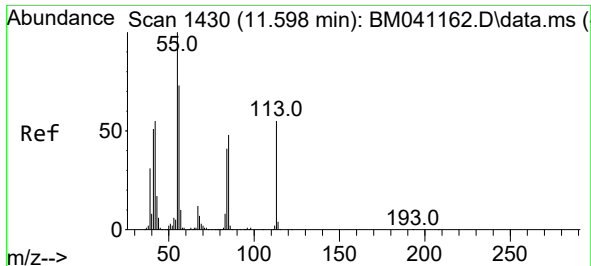
Tgt Ion:	127	Resp:	307626
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	32.0	26.9	40.3
92	19.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 44.133 ng
RT: 10.910 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:	225	Resp:	243627
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.0	73.4
227	64.7	50.8	76.2

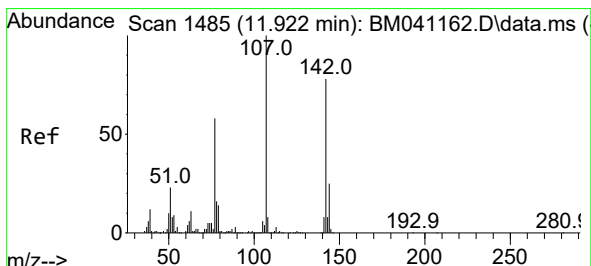
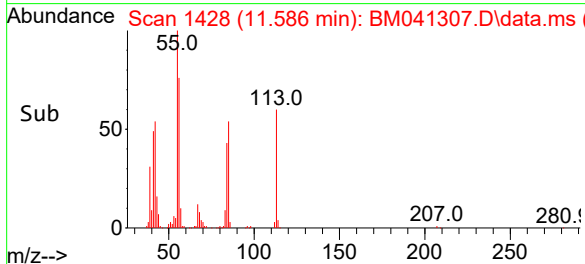
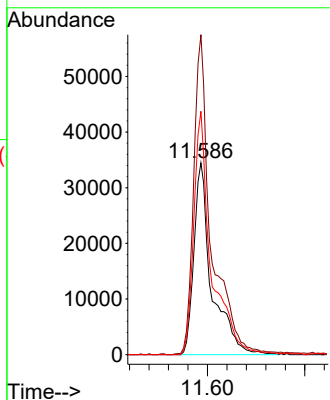
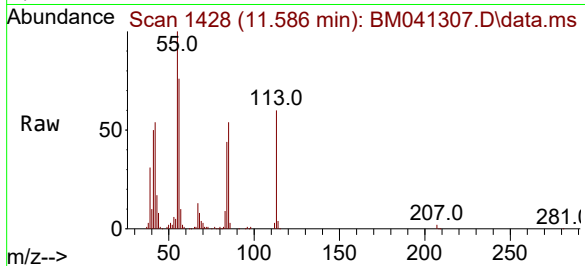




#35
Caprolactam
Concen: 36.497 ng
RT: 11.586 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

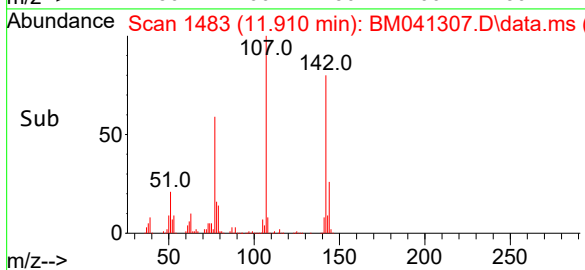
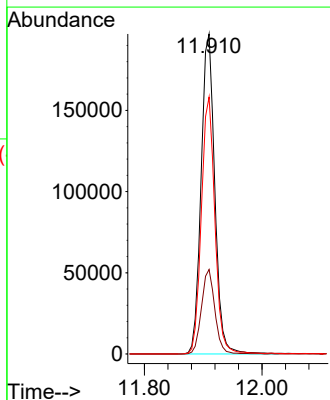
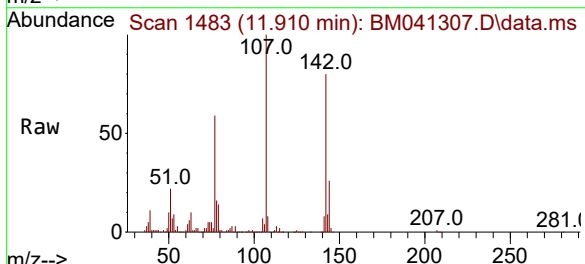
Instrument :
BNA_M
ClientSampleId :
PB154558BS

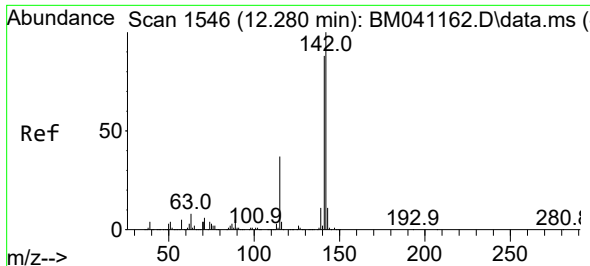
Tgt Ion:113 Resp: 87712
Ion Ratio Lower Upper
113 100
55 166.7 162.5 202.5
56 126.8 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 36.399 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:107 Resp: 318277
Ion Ratio Lower Upper
107 100
144 26.4 20.1 30.1
142 80.3 62.2 93.4

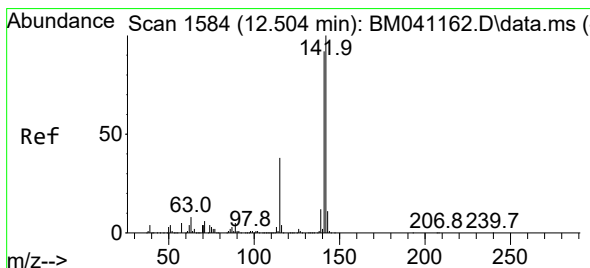
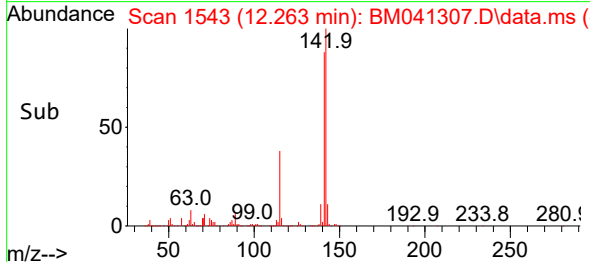
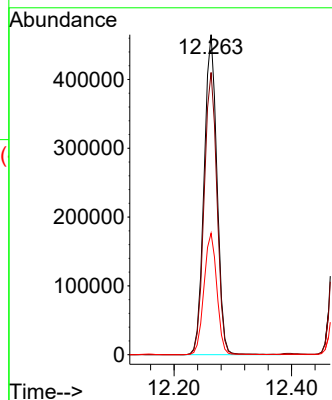
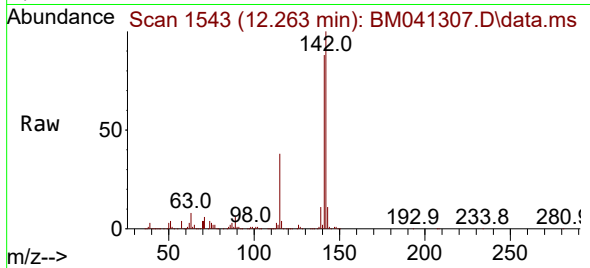




#37
2-Methylnaphthalene
Concen: 34.990 ng
RT: 12.263 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

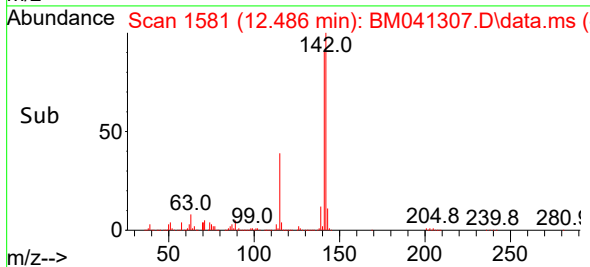
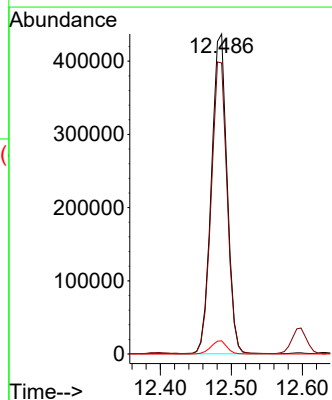
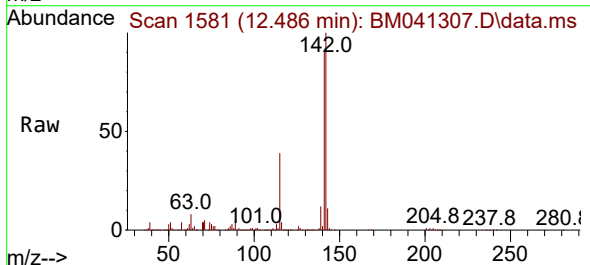
Instrument :
BNA_M
ClientSampleId :
PB154558BS

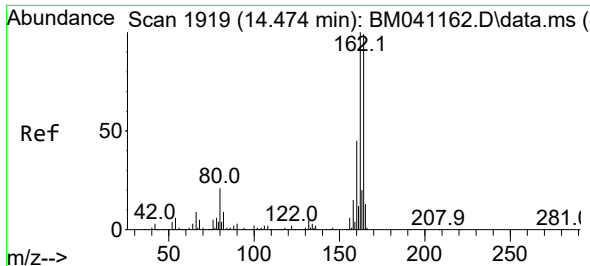
Tgt Ion:142 Resp: 704966
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1
115 38.0 29.3 43.9



#38
1-Methylnaphthalene
Concen: 35.517 ng
RT: 12.486 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:142 Resp: 669747
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.2
116 4.1 3.2 4.8

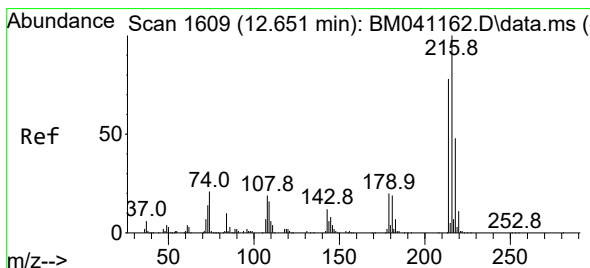
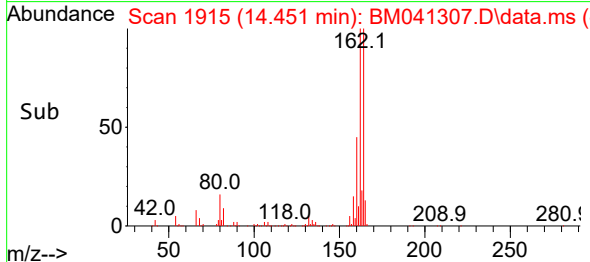
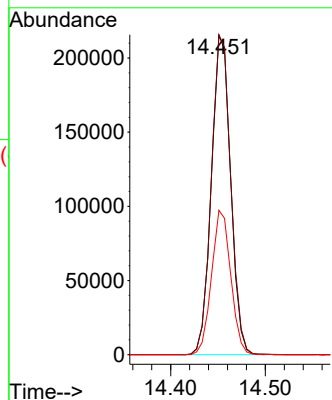
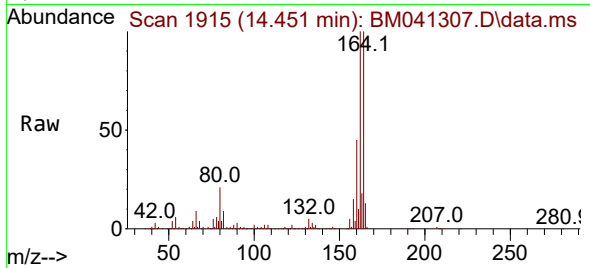




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

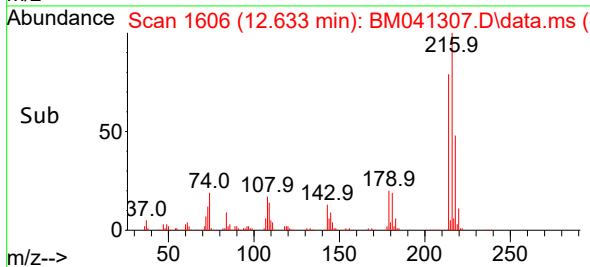
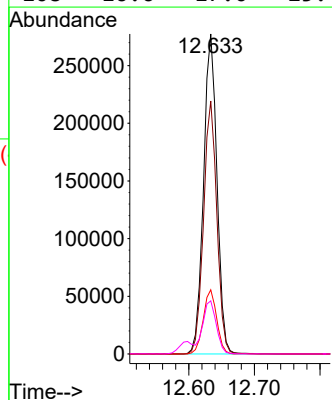
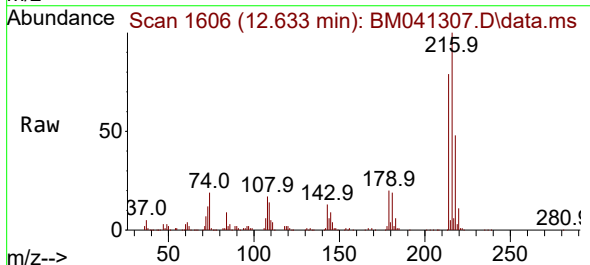
Instrument :
BNA_M
ClientSampleId :
PB154558BS

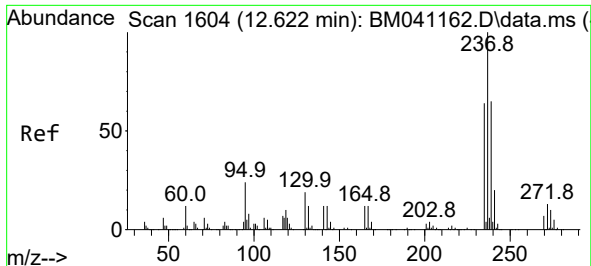
Tgt Ion:164 Resp: 302572
Ion Ratio Lower Upper
164 100
162 100.3 80.4 120.6
160 45.3 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.306 ng
RT: 12.633 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

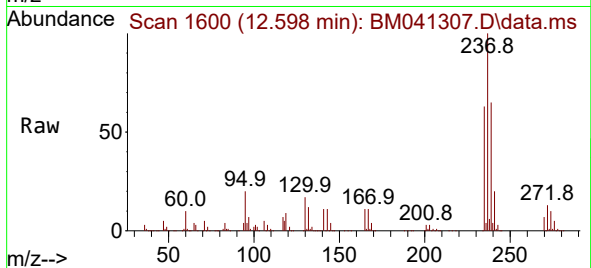
Tgt Ion:216 Resp: 395999
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 20.1 16.2 24.2
108 16.6 17.0 25.4#



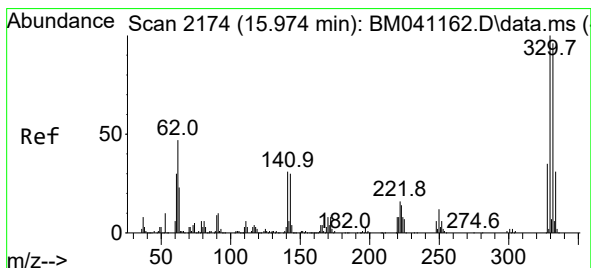
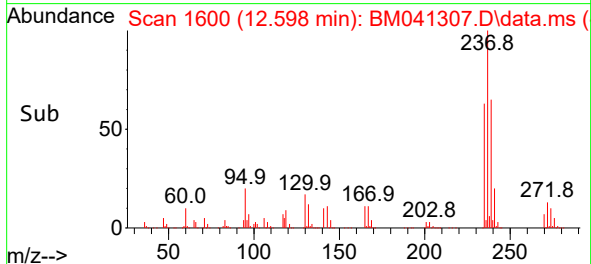
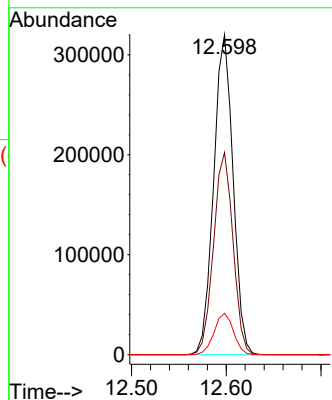


#41
Hexachlorocyclopentadiene
Concen: 87.766 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Instrument :
BNA_M
ClientSampleId :
PB154558BS

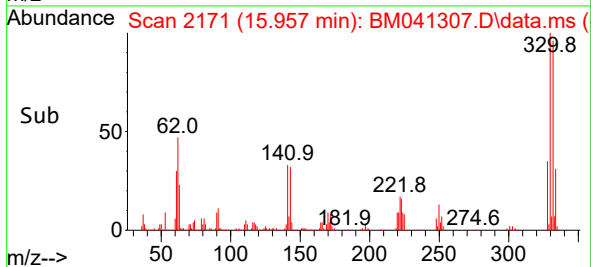
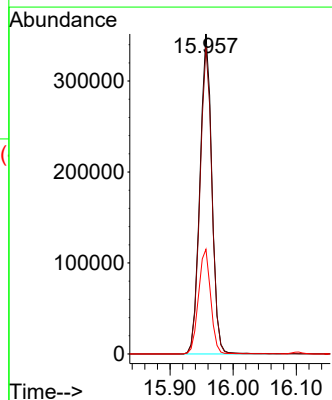
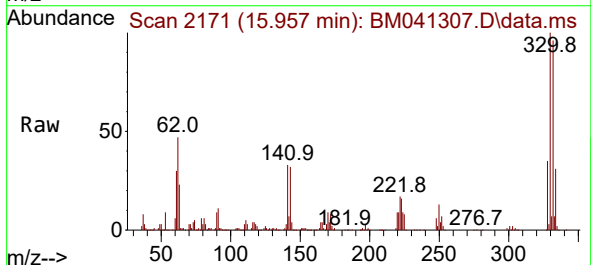


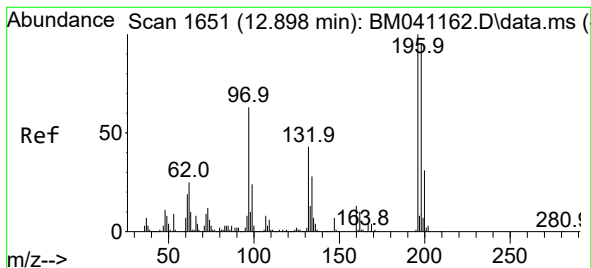
Tgt Ion:237 Resp: 456193
Ion Ratio Lower Upper
237 100
235 63.2 43.6 83.6
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 107.778 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:330 Resp: 461260
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 33.5 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 40.215 ng

RT: 12.886 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

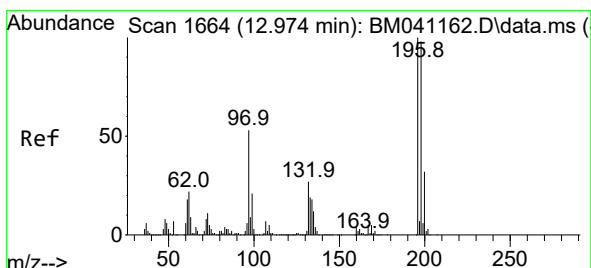
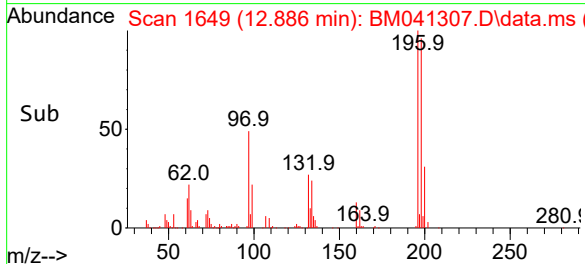
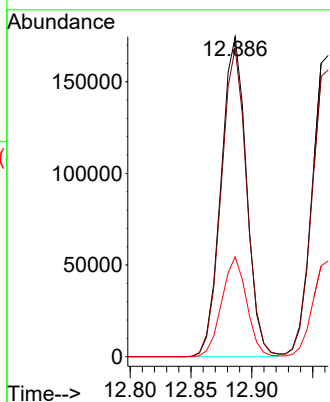
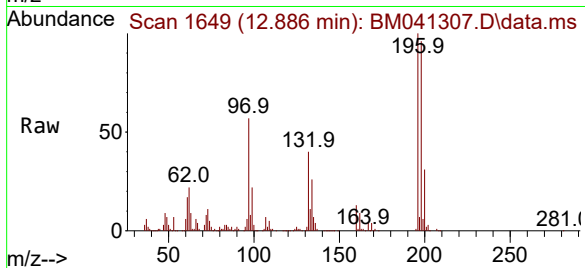
Tgt Ion:196 Resp: 253238

Ion Ratio Lower Upper

196 100

198 96.5 76.2 114.4

200 31.2 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 36.835 ng

RT: 12.963 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Tgt Ion:196 Resp: 268470

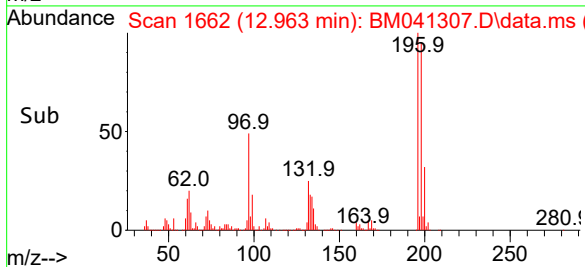
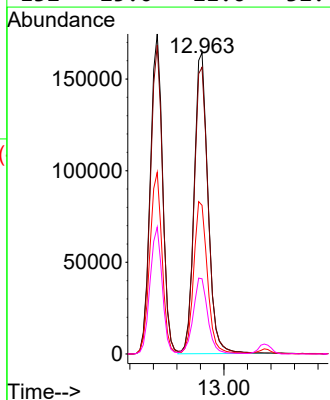
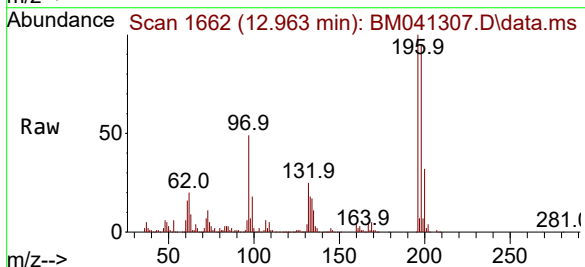
Ion Ratio Lower Upper

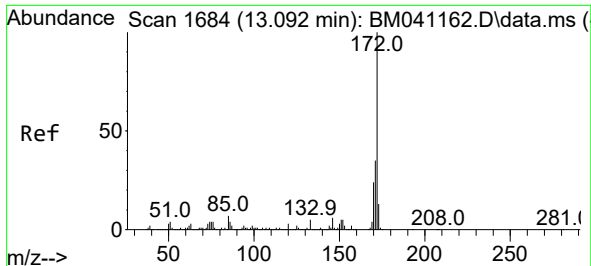
196 100

198 95.2 78.2 117.4

97 49.3 42.7 64.1

132 25.0 21.6 32.4

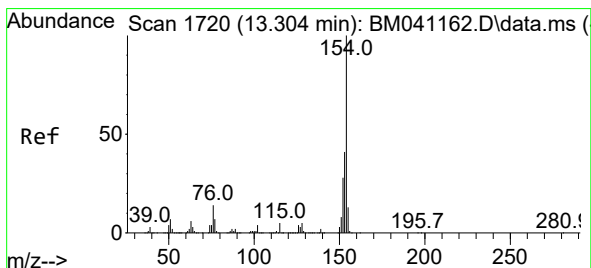
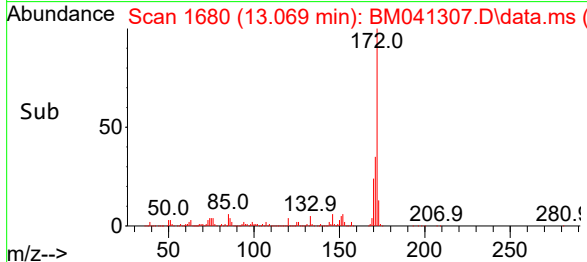
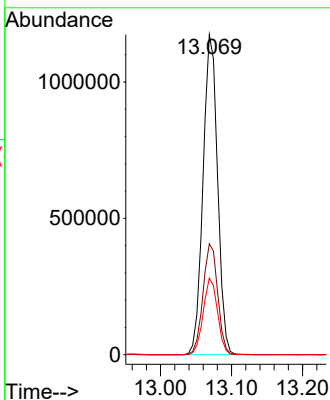
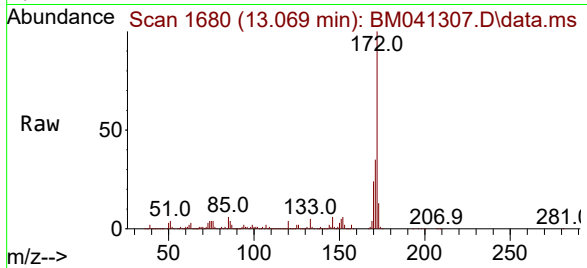




#45
2-Fluorobiphenyl
Concen: 69.774 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

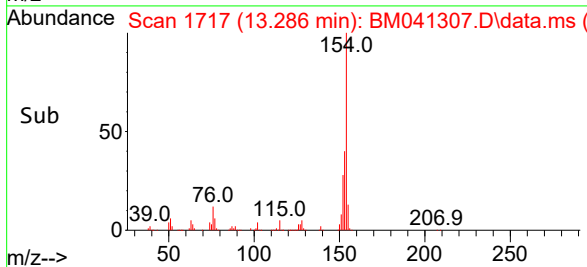
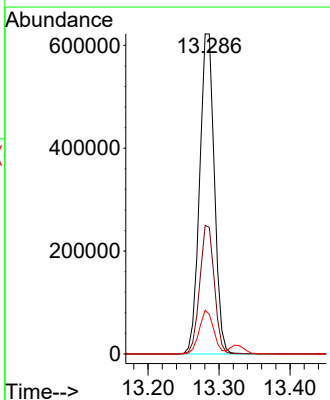
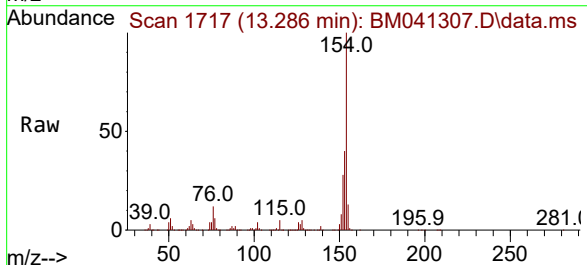
Instrument :
BNA_M
ClientSampleId :
PB154558BS

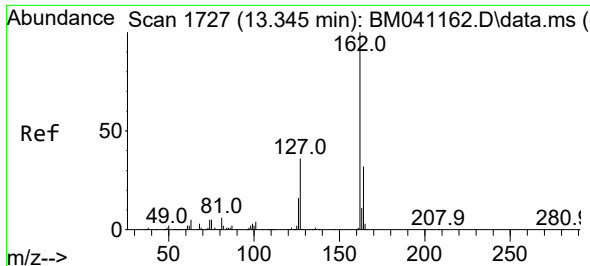
Tgt Ion:172 Resp: 1671227
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 36.716 ng
RT: 13.286 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:154 Resp: 900601
Ion Ratio Lower Upper
154 100
153 39.6 20.5 60.5
76 12.3 0.0 34.1

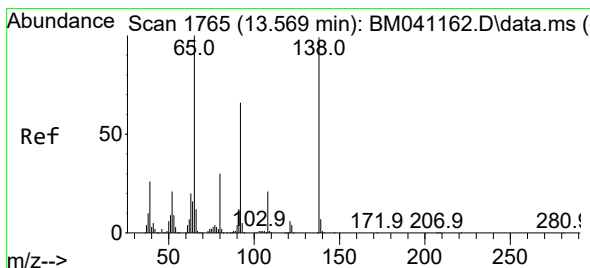
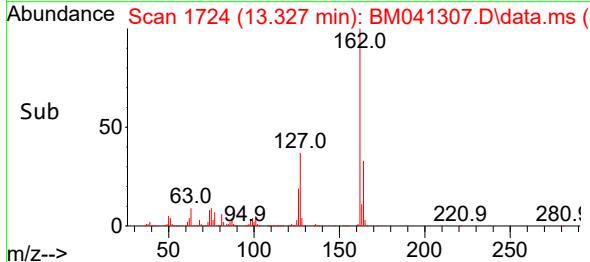
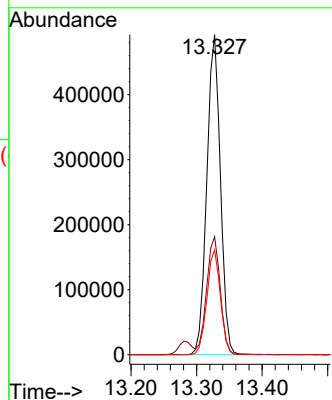
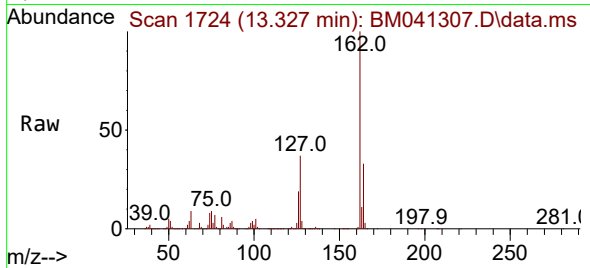




#47
2-Chloronaphthalene
Concen: 38.806 ng
RT: 13.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

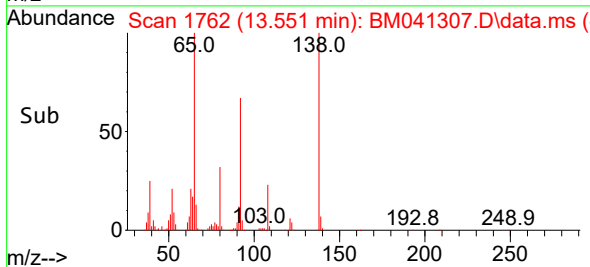
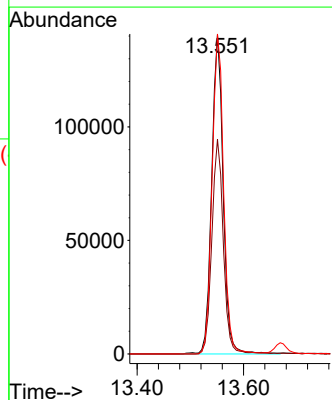
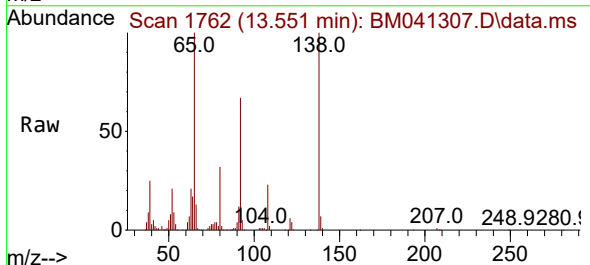
Instrument :
BNA_M
ClientSampleId :
PB154558BS

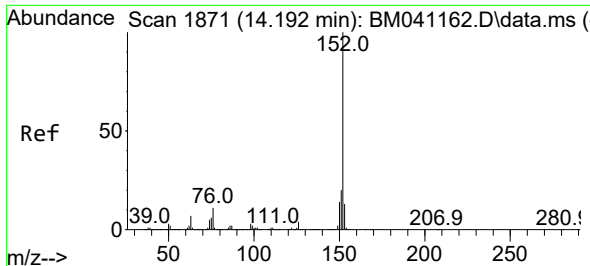
Tgt Ion:162 Resp: 710748
Ion Ratio Lower Upper
162 100
127 36.9 30.6 45.8
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 36.100 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion: 65 Resp: 211051
Ion Ratio Lower Upper
65 100
92 67.2 53.0 79.4
138 100.1 79.1 118.7

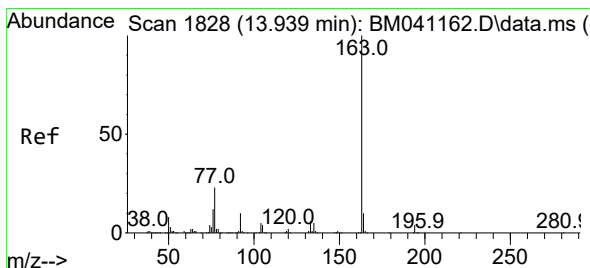
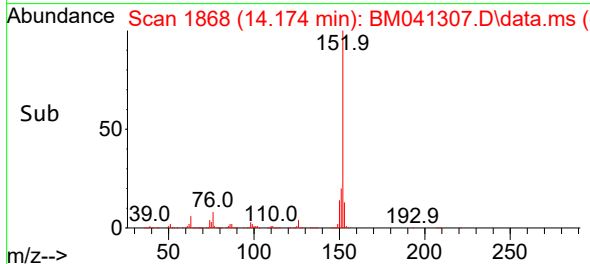
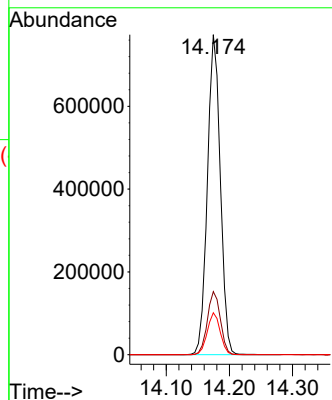
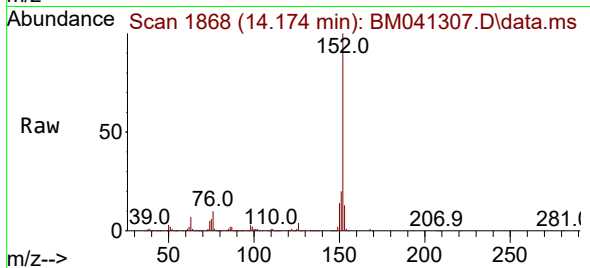




#49
Acenaphthylene
Concen: 37.216 ng
RT: 14.174 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

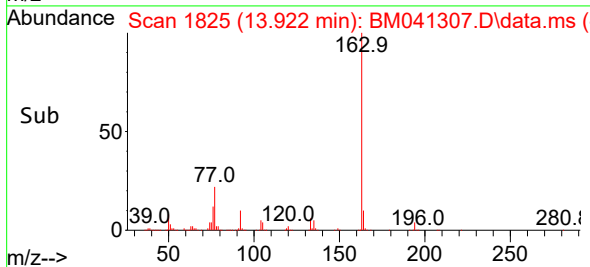
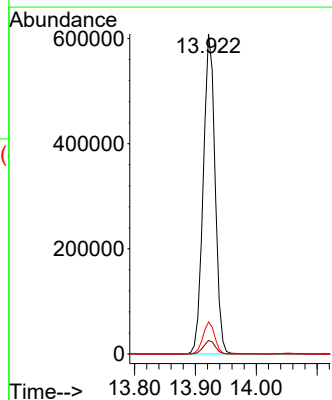
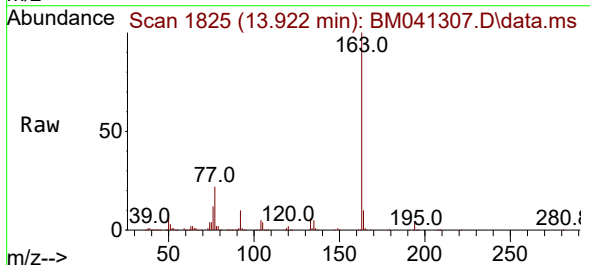
Instrument :
BNA_M
ClientSampleId :
PB154558BS

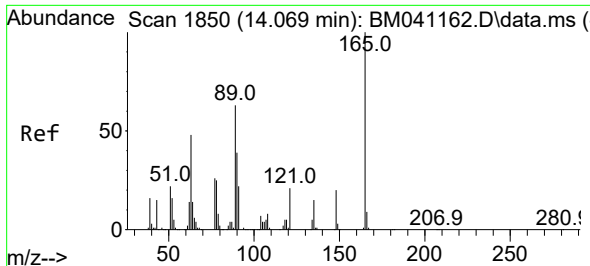
Tgt Ion:152 Resp: 1100183
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 36.009 ng
RT: 13.922 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:163 Resp: 819568
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.3 12.5

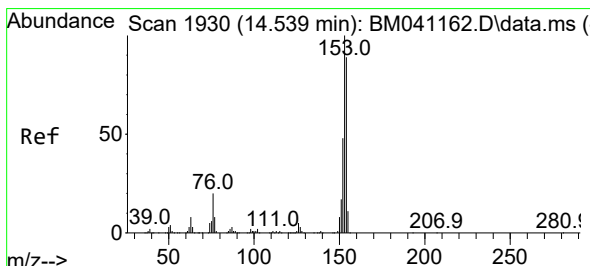
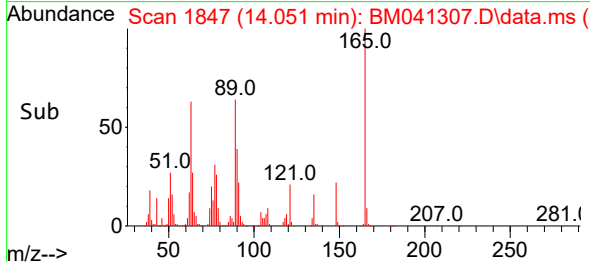
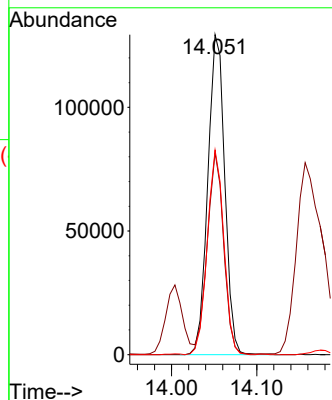
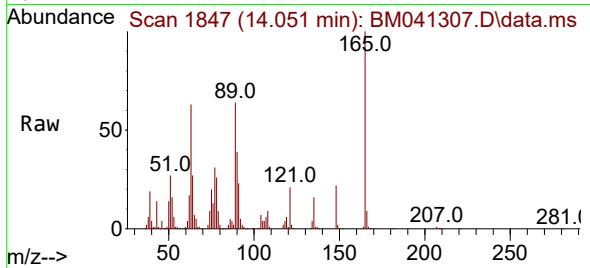




#51
2,6-Dinitrotoluene
Concen: 37.869 ng
RT: 14.051 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

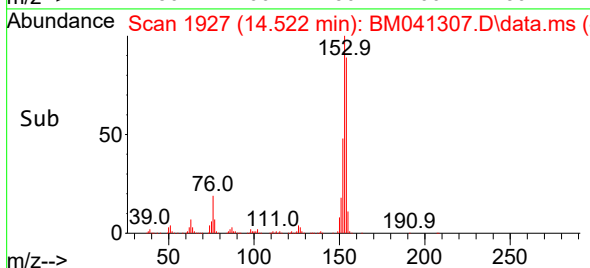
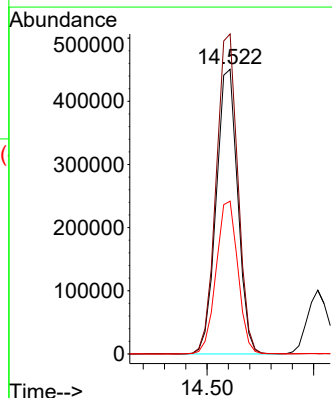
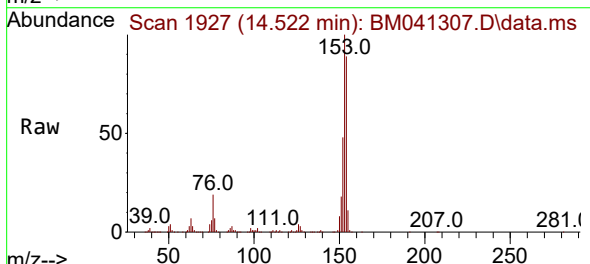
Instrument :
BNA_M
ClientSampleId :
PB154558BS

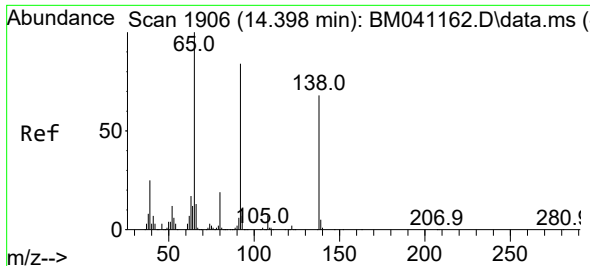
Tgt Ion:165 Resp: 178585
Ion Ratio Lower Upper
165 100
63 63.2 50.9 76.3
89 63.9 50.6 76.0



#52
Acenaphthene
Concen: 35.462 ng
RT: 14.522 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:154 Resp: 631541
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.4
152 53.7 43.4 65.0

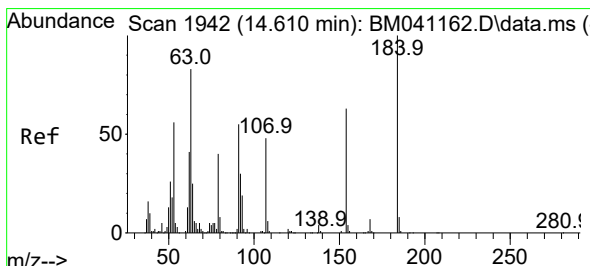
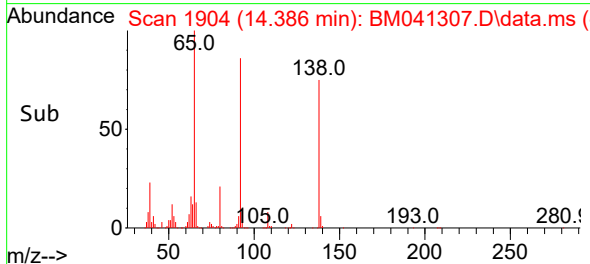
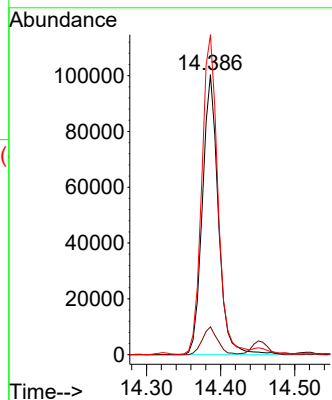
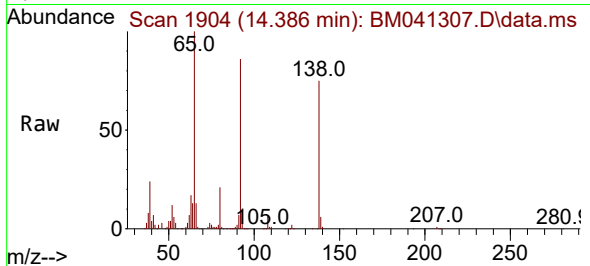




#53
3-Nitroaniline
Concen: 28.564 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

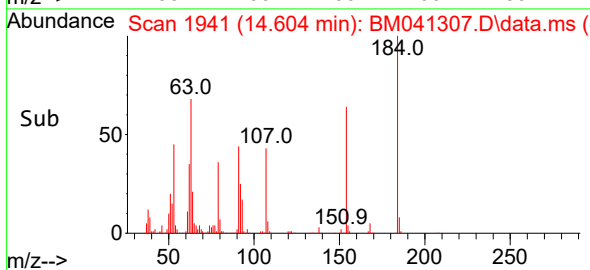
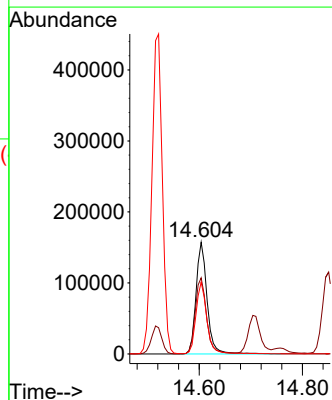
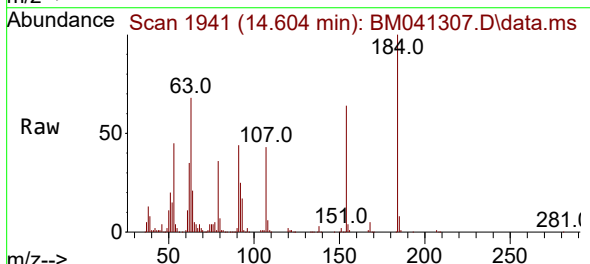
Instrument :
BNA_M
ClientSampleId :
PB154558BS

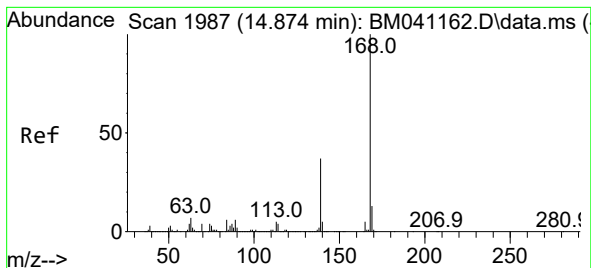
Tgt Ion:138 Resp: 149860
Ion Ratio Lower Upper
138 100
108 10.0 7.6 11.4
92 114.3 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 73.922 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:184 Resp: 233890
Ion Ratio Lower Upper
184 100
63 68.2 66.5 99.7
154 64.3 52.8 79.2





#55

Dibenzenofuran

Concen: 35.398 ng

RT: 14.857 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

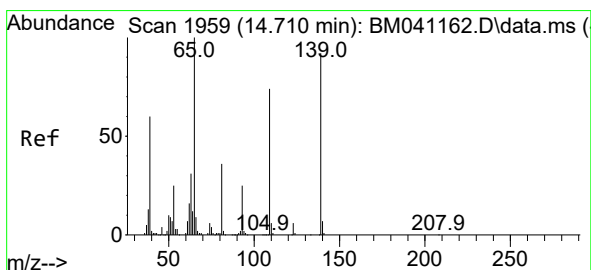
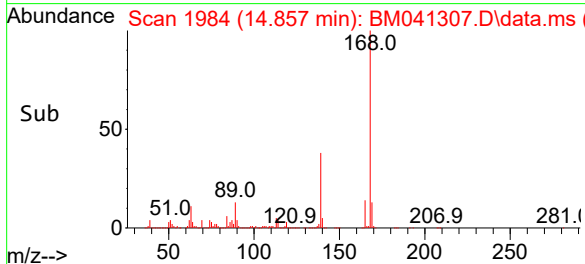
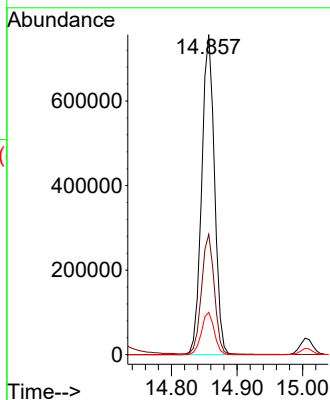
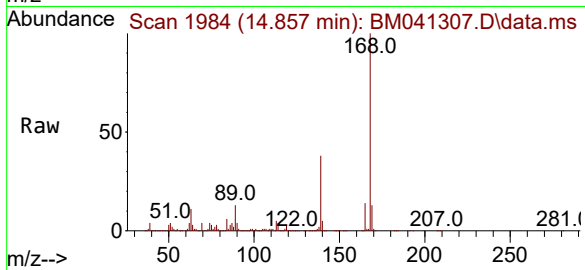
Tgt Ion:168 Resp: 1028525

Ion Ratio Lower Upper

168 100

139 37.6 29.8 44.6

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 72.746 ng

RT: 14.710 min Scan# 1959

Delta R.T. 0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

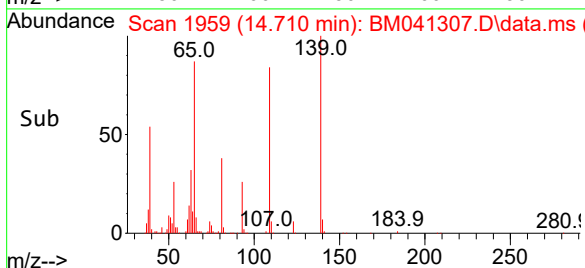
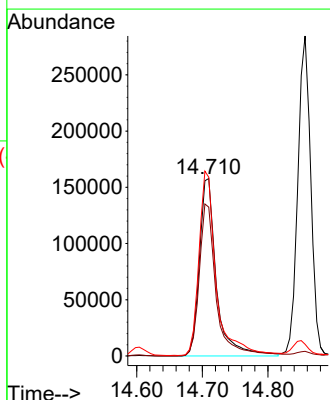
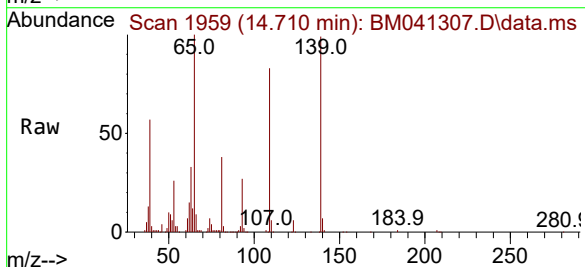
Tgt Ion:139 Resp: 285916

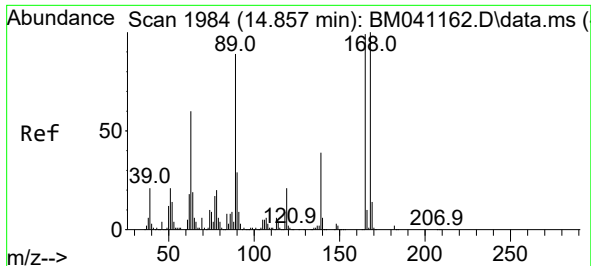
Ion Ratio Lower Upper

139 100

109 83.9 61.2 101.2

65 100.8 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 36.188 ng

RT: 14.851 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

Tgt Ion:165 Resp: 239023

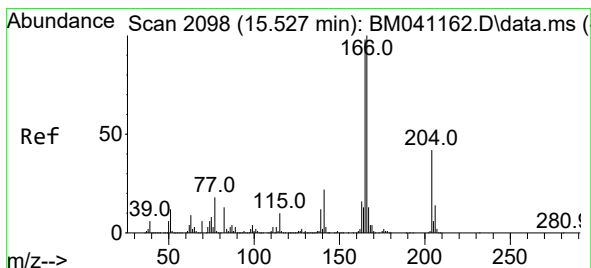
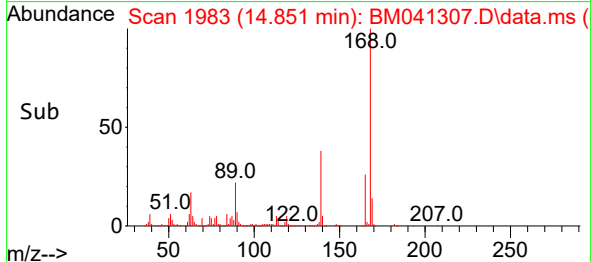
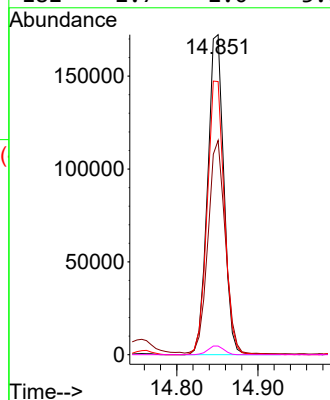
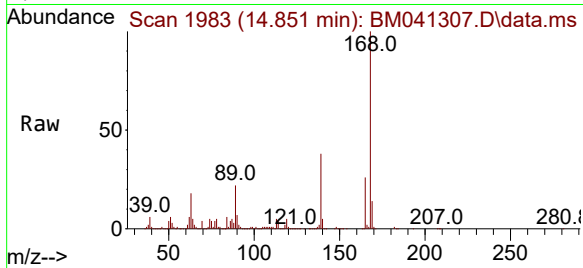
Ion Ratio Lower Upper

165 100

63 66.9 48.3 72.5

89 85.4 71.8 107.8

182 2.7 2.0 3.0



#58

Fluorene

Concen: 35.166 ng

RT: 15.510 min Scan# 2095

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

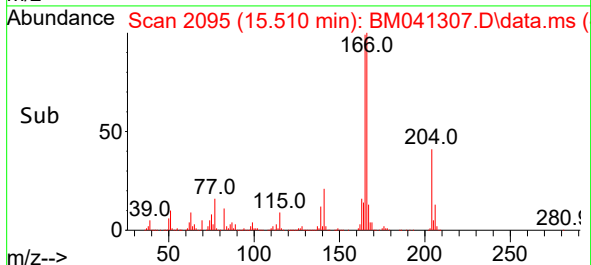
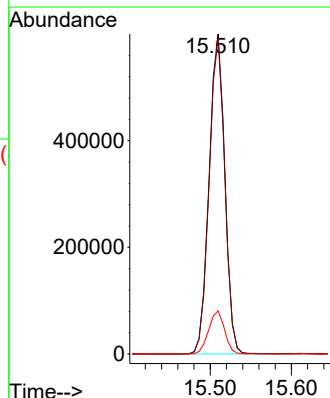
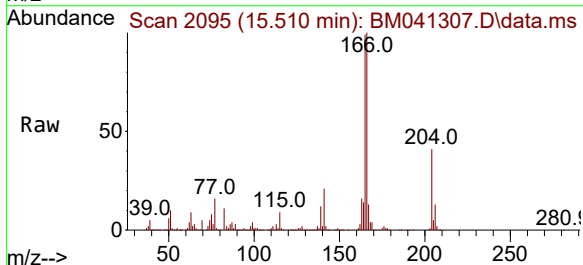
Tgt Ion:166 Resp: 806092

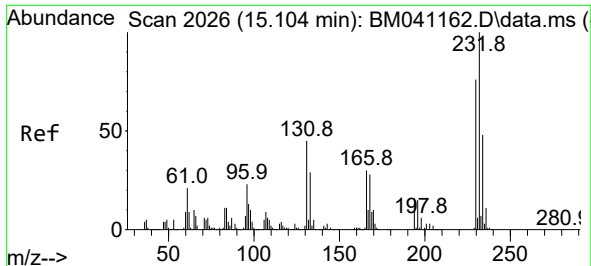
Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.4

167 13.4 10.6 16.0

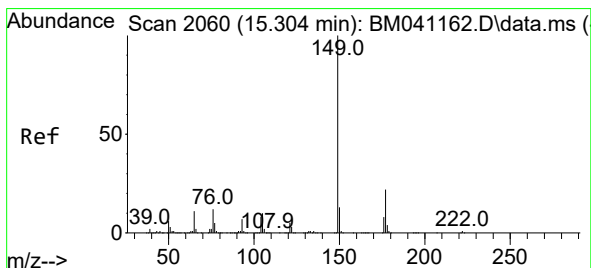
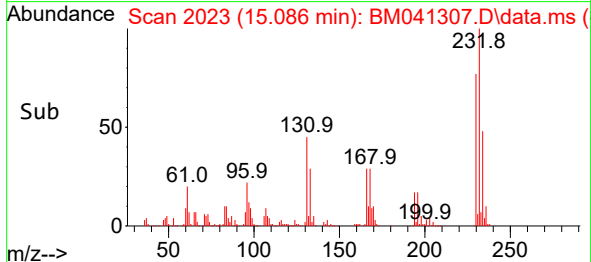
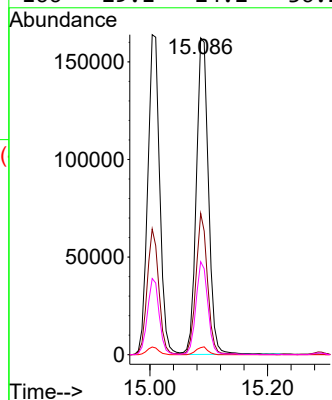
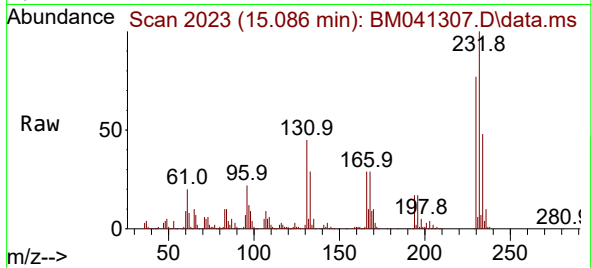




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.155 ng
RT: 15.086 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

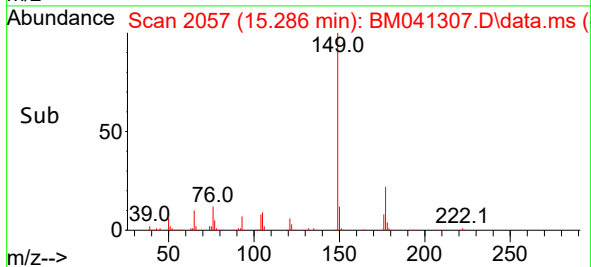
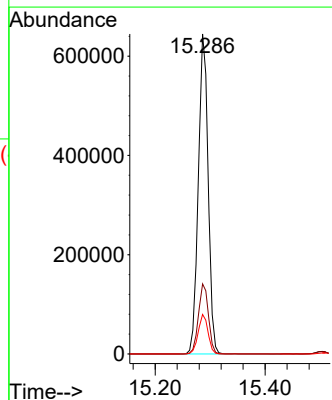
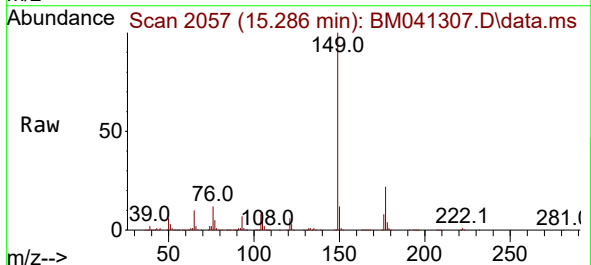
Instrument :
BNA_M
ClientSampleId :
PB154558BS

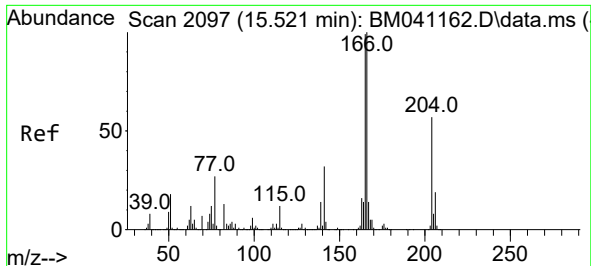
Tgt Ion:232 Resp: 231090
Ion Ratio Lower Upper
232 100
131 42.3 36.9 55.3
130 2.4 2.0 3.0
166 29.1 24.2 36.2



#60
Diethylphthalate
Concen: 36.346 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:149 Resp: 799986
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.4 10.1 15.1

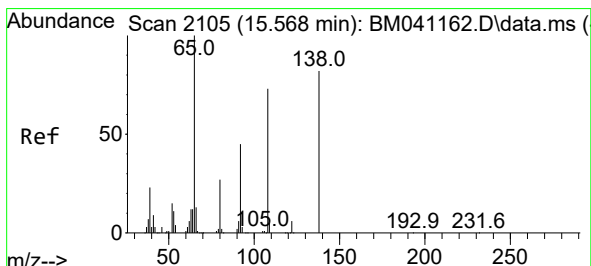
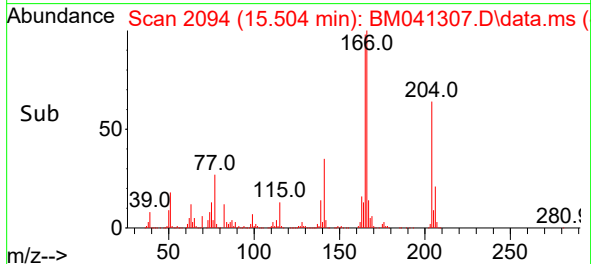
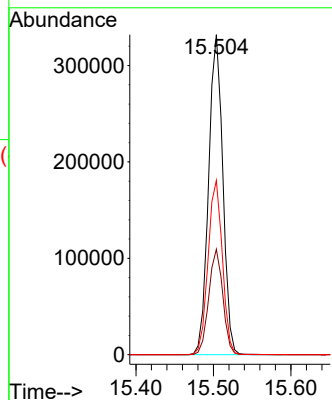
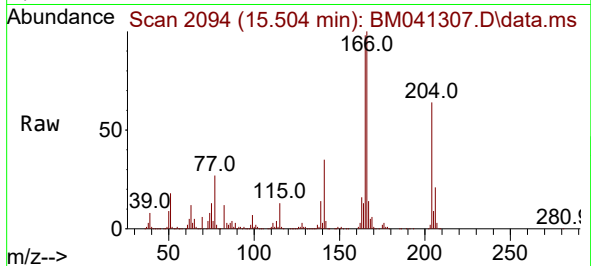




#61
4-Chlorophenyl-phenylether
Concen: 36.809 ng
RT: 15.504 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

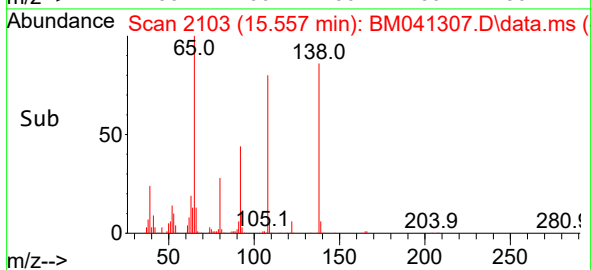
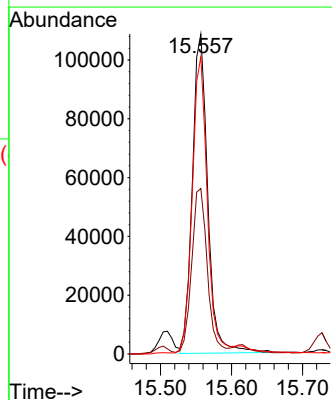
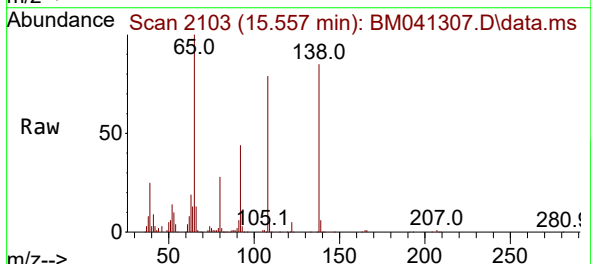
Instrument :
BNA_M
ClientSampleId :
PB154558BS

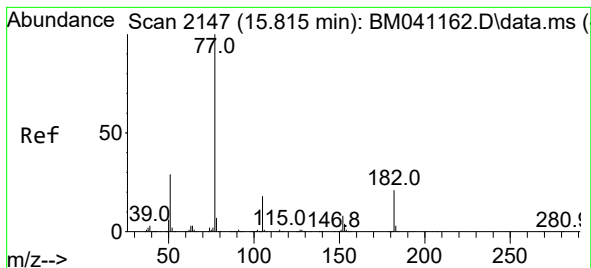
Tgt Ion:204 Resp: 422802
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 54.5 44.8 67.2



#62
4-Nitroaniline
Concen: 34.004 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:138 Resp: 164374
Ion Ratio Lower Upper
138 100
92 51.7 35.1 75.1
108 92.9 67.8 107.8





#63

Azobenzene

Concen: 34.160 ng

RT: 15.798 min Scan# 2144

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

Tgt Ion: 77 Resp: 823592

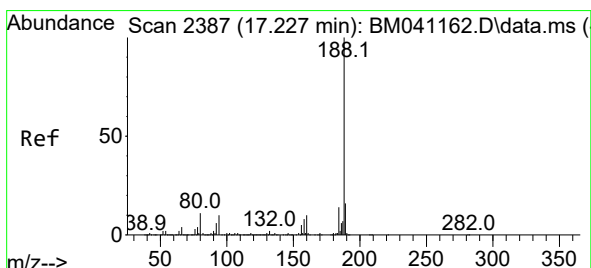
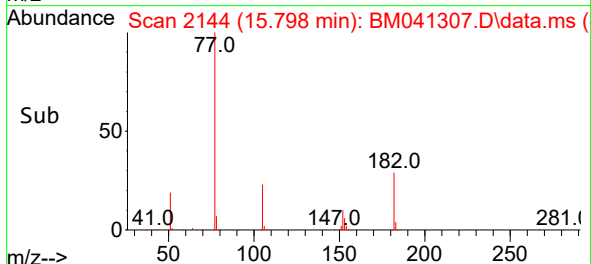
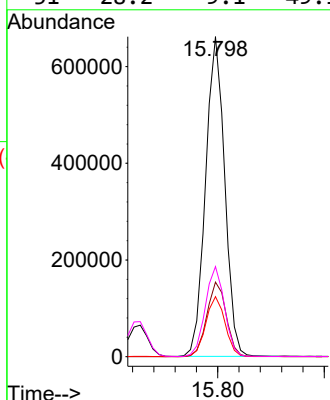
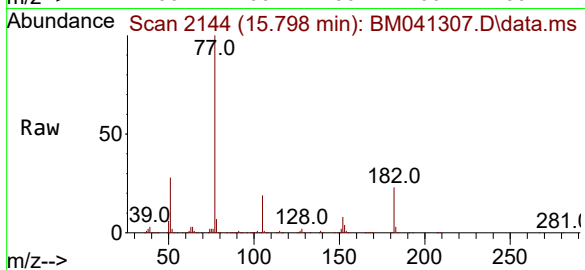
Ion Ratio Lower Upper

77 100

182 23.3 1.3 41.3

105 18.7 0.0 38.5

51 28.2 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: BM041307.D

Acq: 07 Aug 2023 11:47

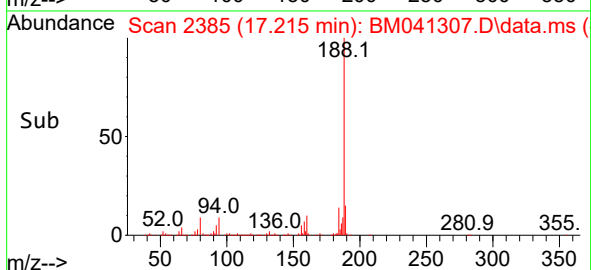
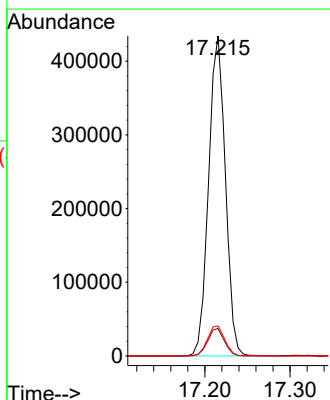
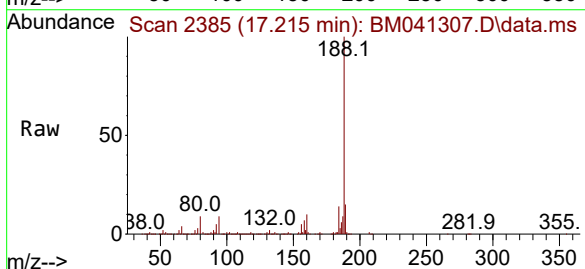
Tgt Ion:188 Resp: 594030

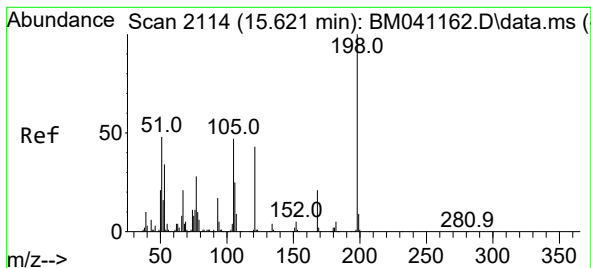
Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

80 9.4 8.6 13.0

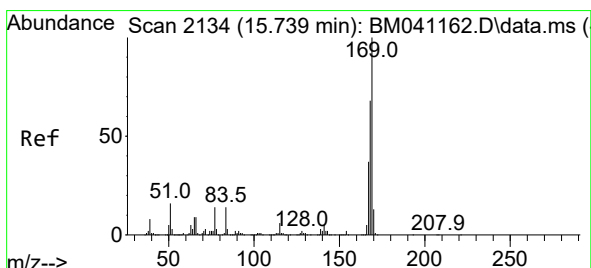
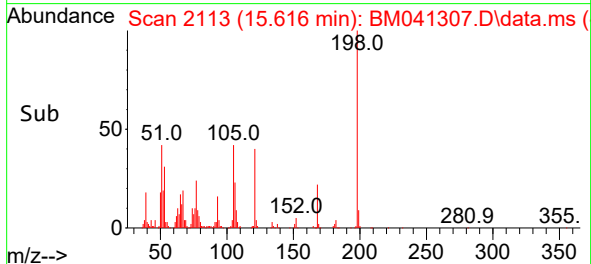
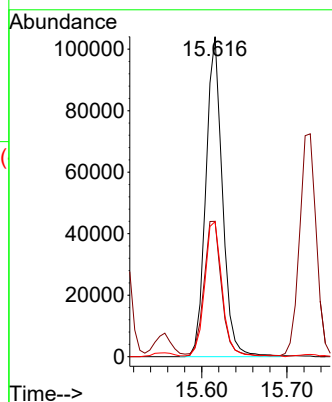
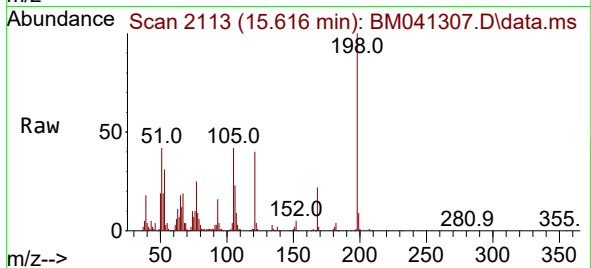




#65
4,6-Dinitro-2-methylphenol
Concen: 39.080 ng
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

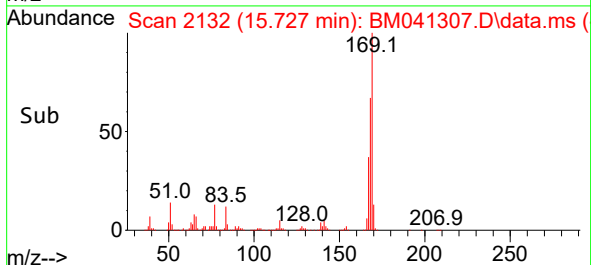
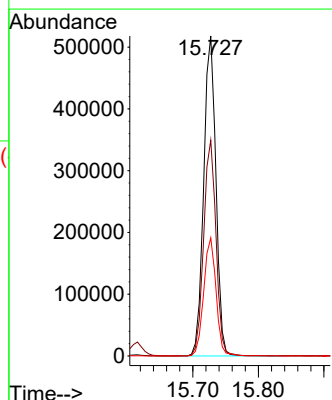
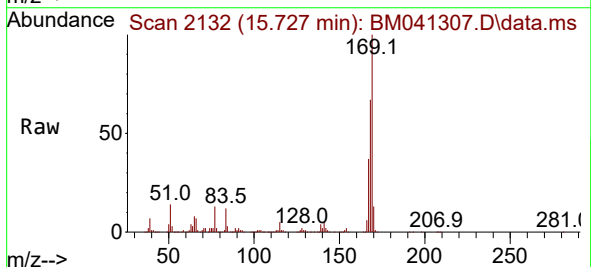
Instrument :
BNA_M
ClientSampleId :
PB154558BS

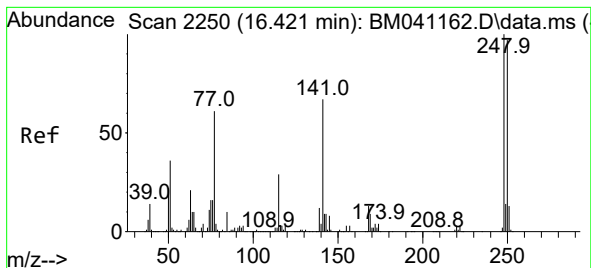
Tgt Ion:198 Resp: 140635
Ion Ratio Lower Upper
198 100
51 42.3 31.7 71.7
105 42.2 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 36.445 ng
RT: 15.727 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:169 Resp: 673312
Ion Ratio Lower Upper
169 100
168 67.5 54.6 81.8
167 36.9 29.9 44.9

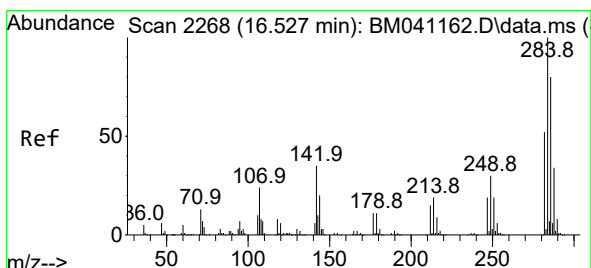
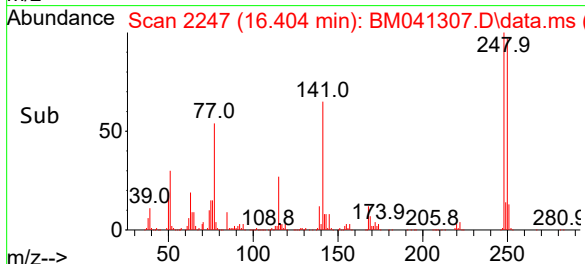
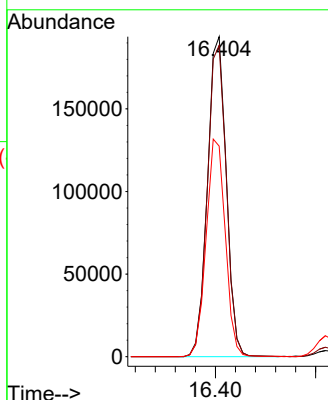
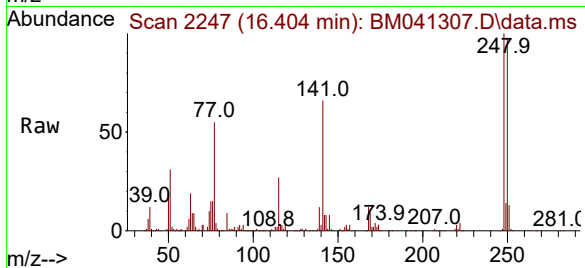




#67
4-Bromophenyl-phenylether
Concen: 38.892 ng
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

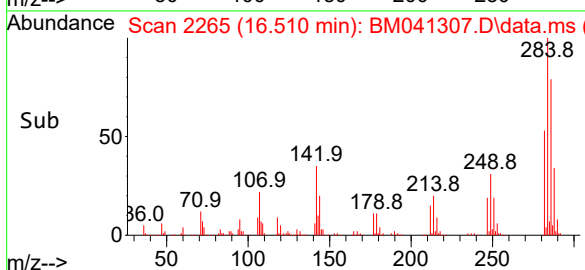
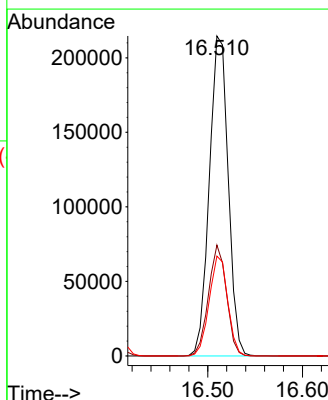
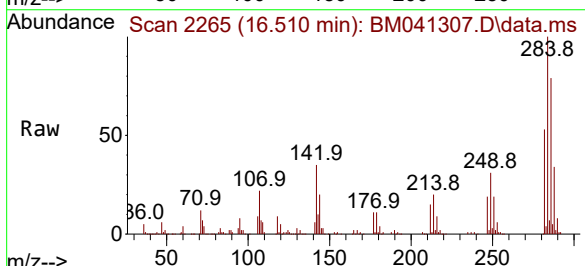
Instrument :
BNA_M
ClientSampleId :
PB154558BS

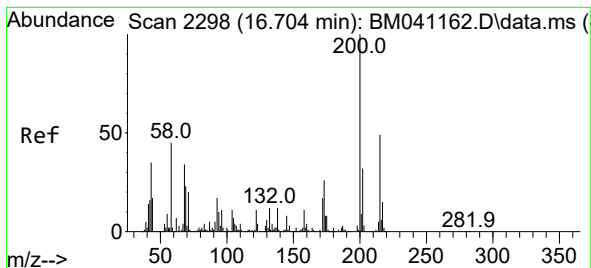
Tgt Ion:248 Resp: 253303
Ion Ratio Lower Upper
248 100
250 97.3 78.0 117.0
141 65.8 53.8 80.8



#68
Hexachlorobenzene
Concen: 40.953 ng
RT: 16.510 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:284 Resp: 296594
Ion Ratio Lower Upper
284 100
142 34.6 28.0 42.0
249 31.2 23.7 35.5





#69

Atrazine

Concen: 48.865 ng

RT: 16.686 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

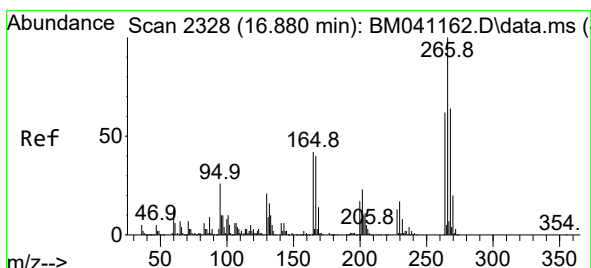
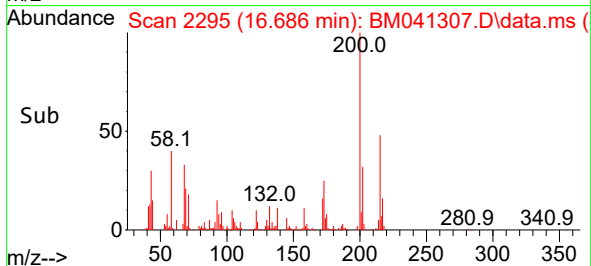
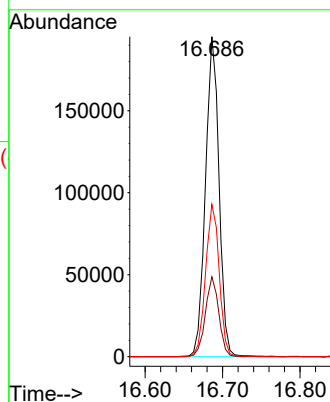
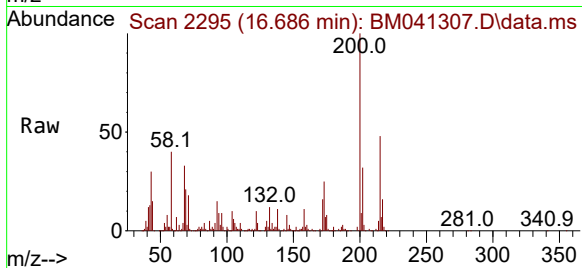
Tgt Ion:200 Resp: 237079

Ion Ratio Lower Upper

200 100

173 25.0 5.6 45.6

215 47.6 28.5 68.5



#70

Pentachlorophenol

Concen: 67.021 ng

RT: 16.868 min Scan# 2326

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

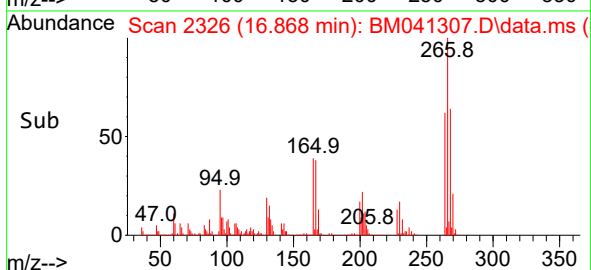
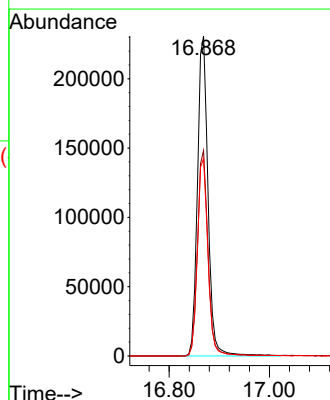
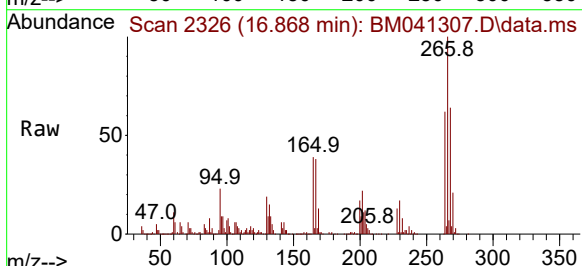
Tgt Ion:266 Resp: 336108

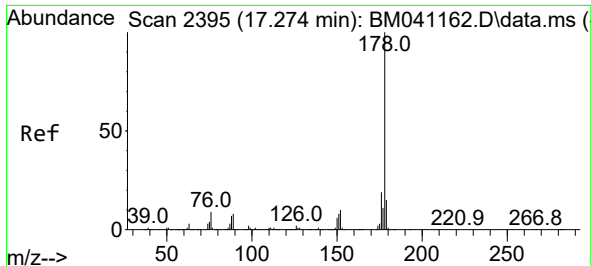
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 61.7 49.4 74.2

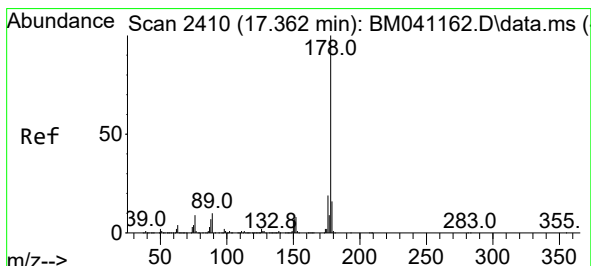
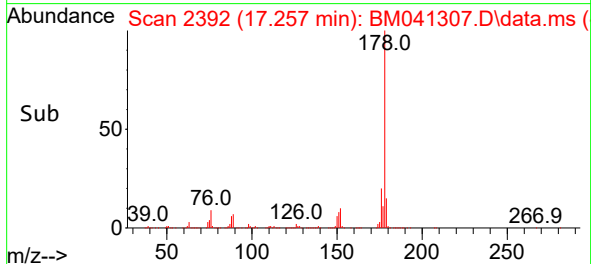
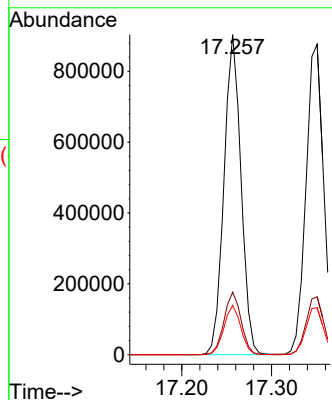
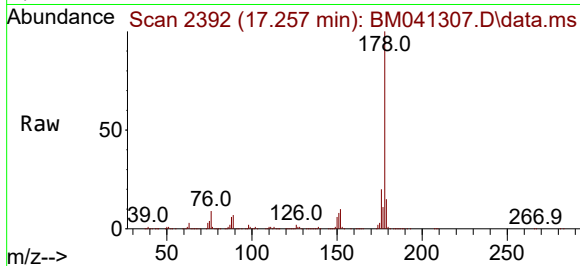




#71
Phenanthrene
Concen: 36.002 ng
RT: 17.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

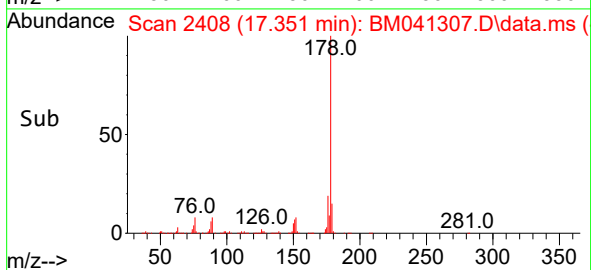
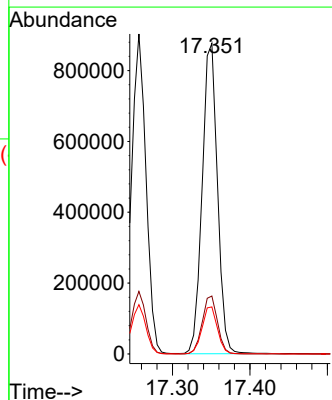
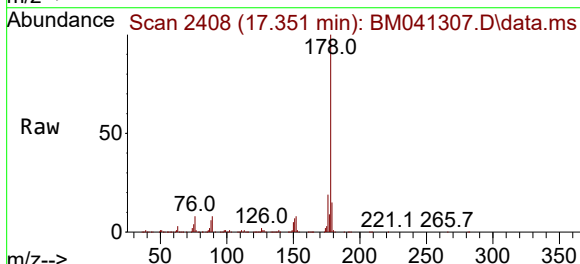
Instrument :
BNA_M
ClientSampleId :
PB154558BS

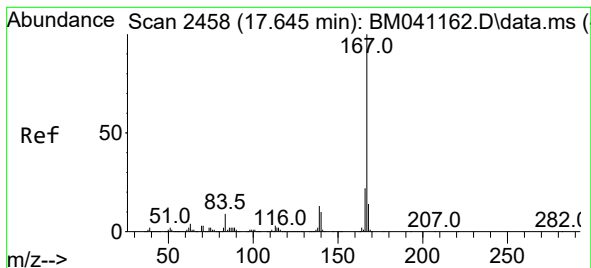
Tgt Ion:178 Resp: 1188242
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.4 12.1 18.1



#72
Anthracene
Concen: 36.762 ng
RT: 17.351 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:178 Resp: 1199990
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.1 12.4 18.6





#73

Carbazole

Concen: 36.766 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

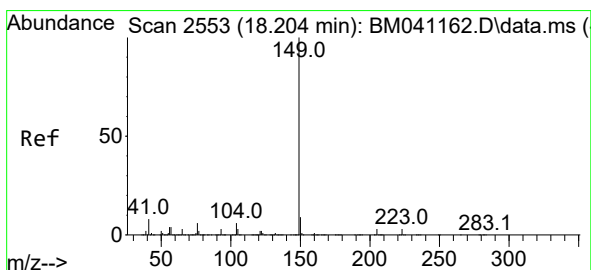
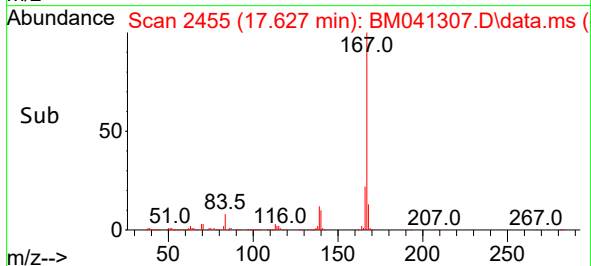
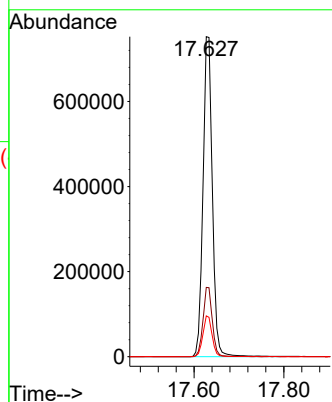
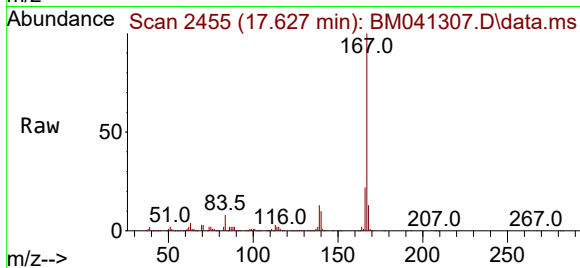
Tgt Ion:167 Resp: 1086239

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 39.671 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

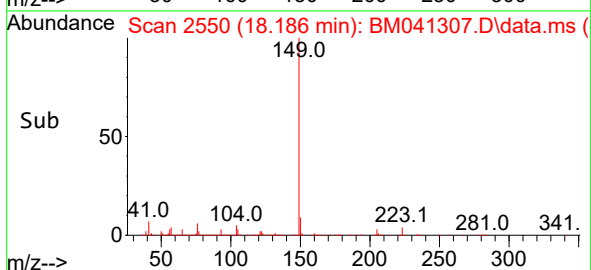
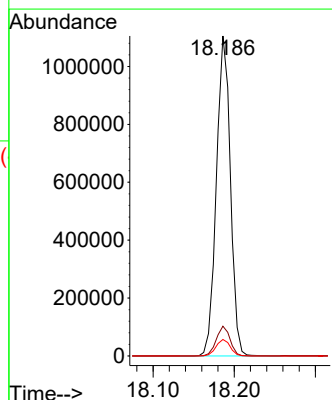
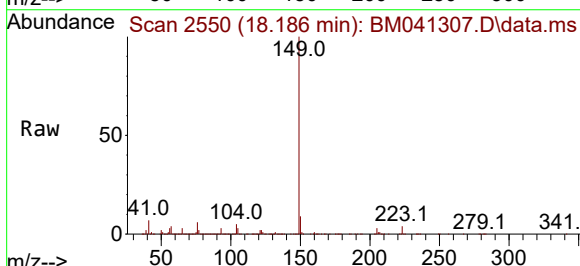
Tgt Ion:149 Resp: 1324451

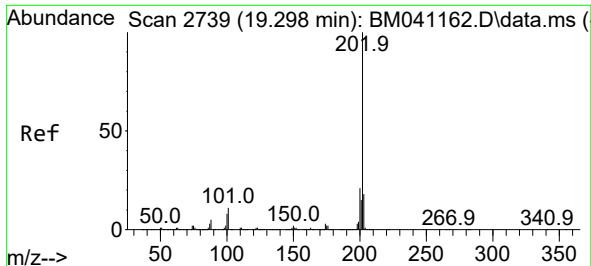
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.2 4.5 6.7

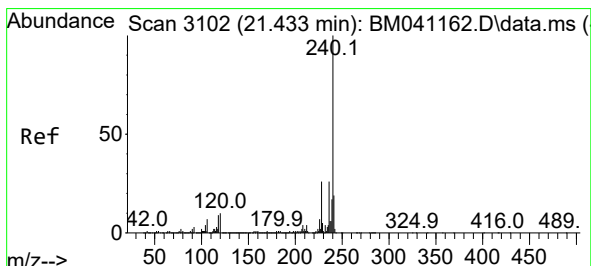
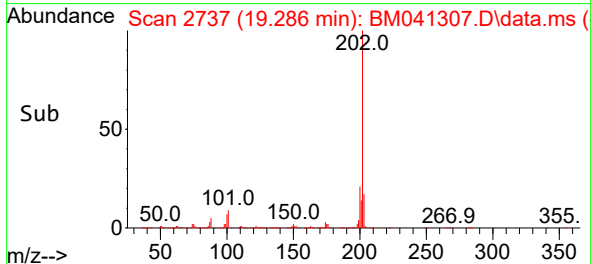
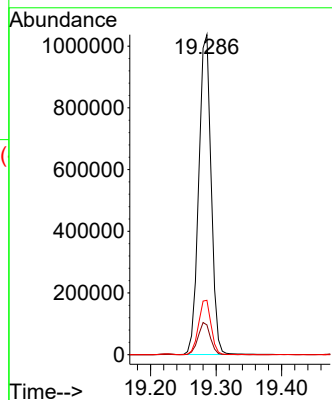
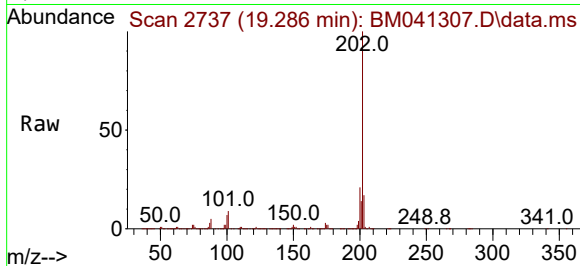




#75
Fluoranthene
Concen: 36.730 ng
RT: 19.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

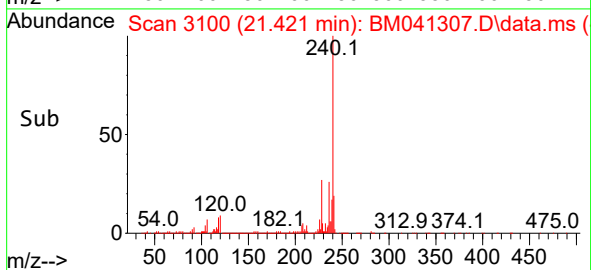
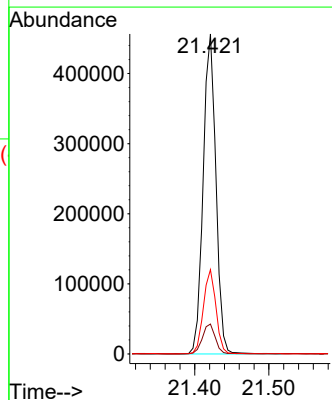
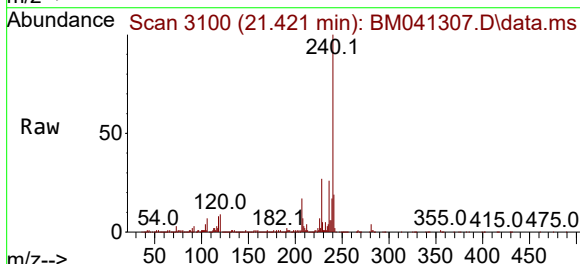
Instrument :
BNA_M
ClientSampleId :
PB154558BS

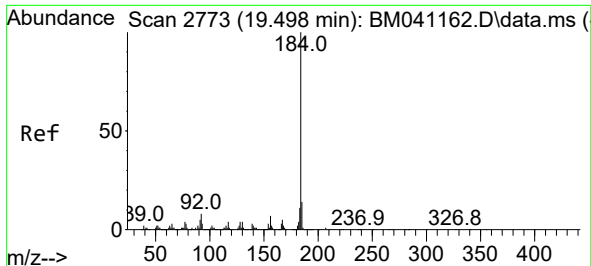
Tgt Ion:202 Resp: 1361949
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.8
203 17.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:240 Resp: 545549
Ion Ratio Lower Upper
240 100
120 9.3 8.3 12.5
236 26.3 20.6 30.8

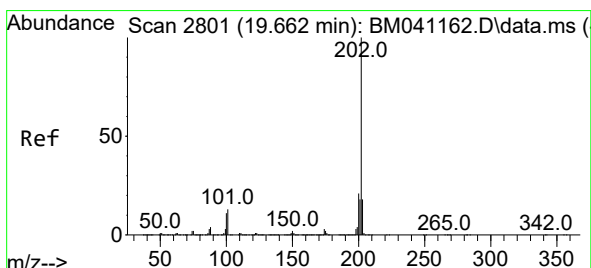
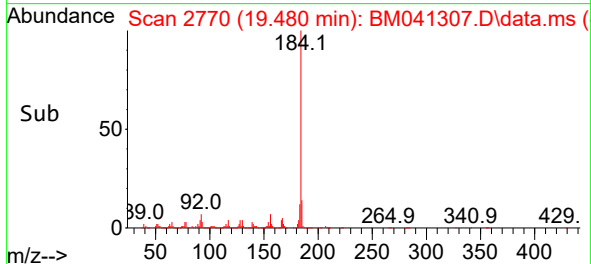
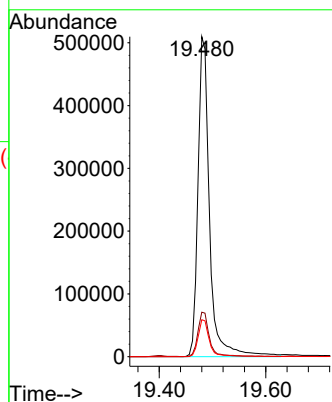
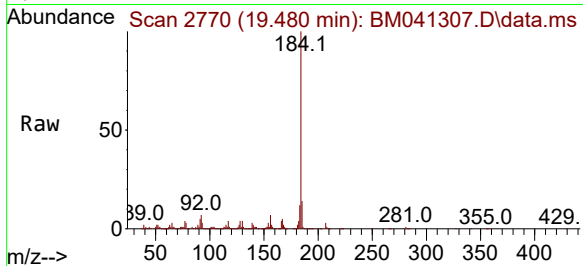




#77
Benzidine
Concen: 103.122 ng
RT: 19.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

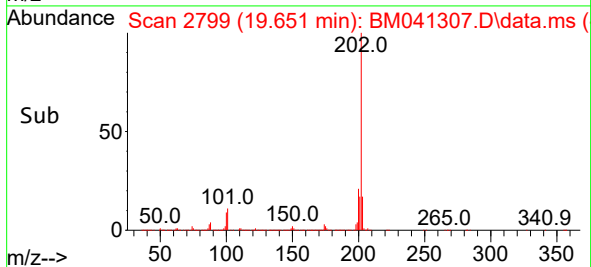
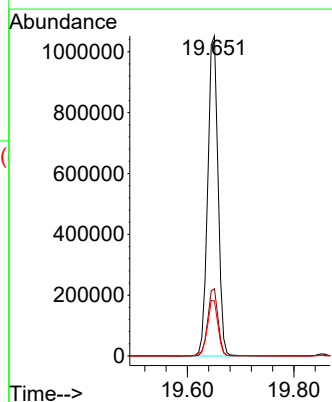
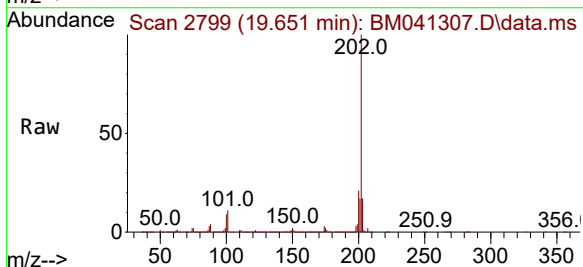
Instrument :
BNA_M
ClientSampleId :
PB154558BS

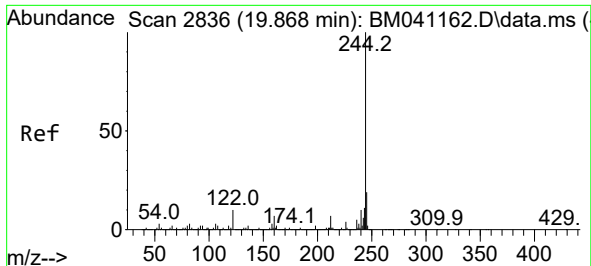
Tgt Ion:184 Resp: 766794
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 37.120 ng
RT: 19.651 min Scan# 2799
Delta R.T. 0.006 min
Lab File: BM041307.D
Acq: 07 Aug 2023 11:47

Tgt Ion:202 Resp: 1416147
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.2 14.1 21.1

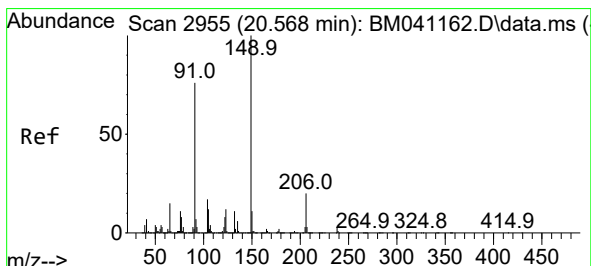
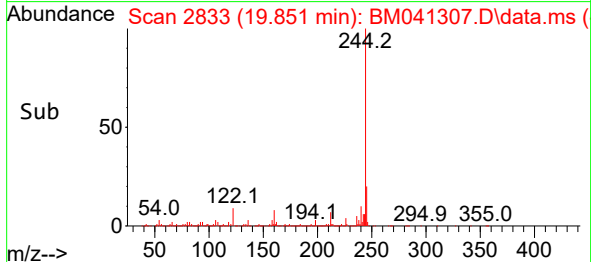
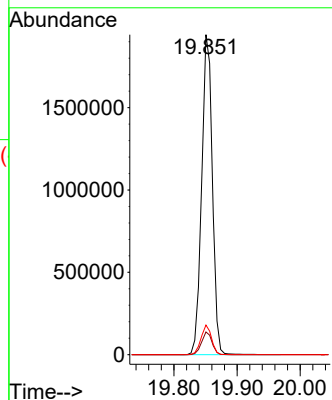
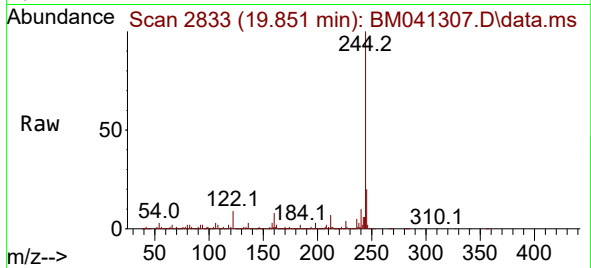




#79
 Terphenyl-d14
 Concen: 75.679 ng
 RT: 19.851 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041307.D
 Acq: 07 Aug 2023 11:47

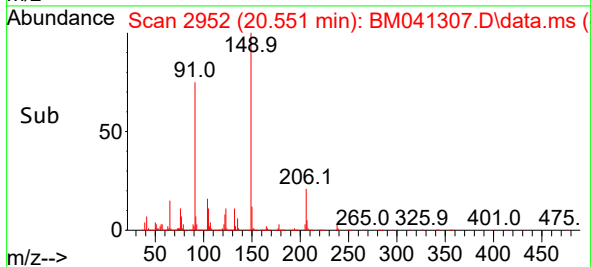
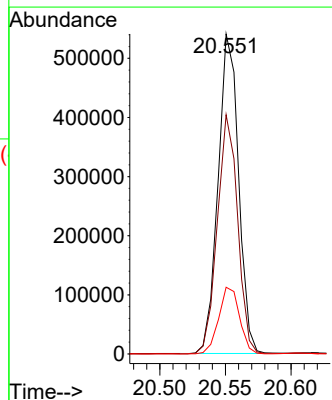
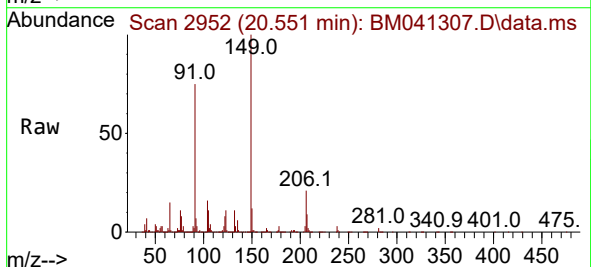
Instrument :
 BNA_M
 ClientSampleId :
 PB154558BS

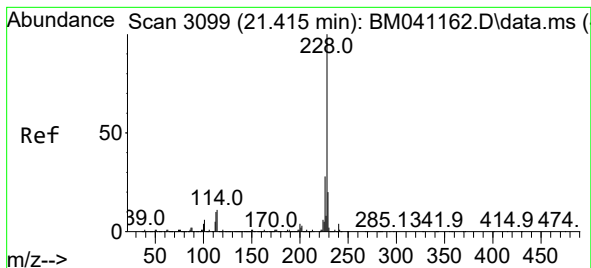
Tgt Ion:244 Resp: 2283493
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.2 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 42.078 ng
 RT: 20.551 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: BM041307.D
 Acq: 07 Aug 2023 11:47

Tgt Ion:149 Resp: 586233
 Ion Ratio Lower Upper
 149 100
 91 74.8 60.8 91.2
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.657 ng

RT: 21.403 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

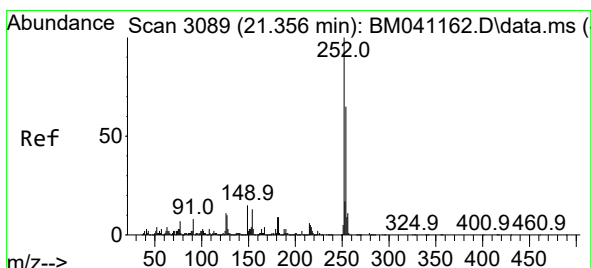
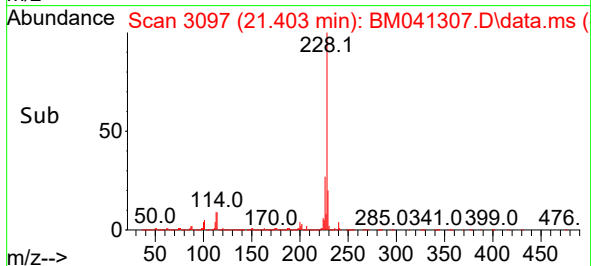
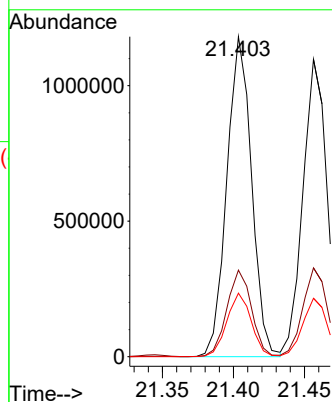
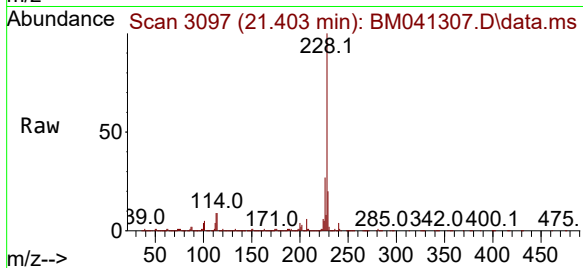
Tgt Ion:228 Resp: 1429698

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.619 ng

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

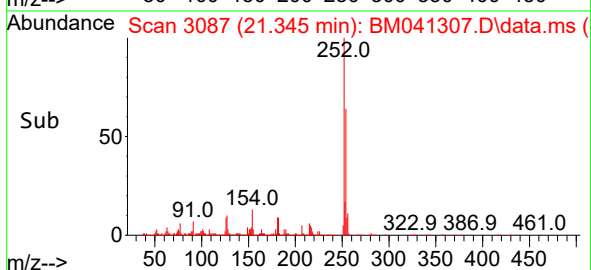
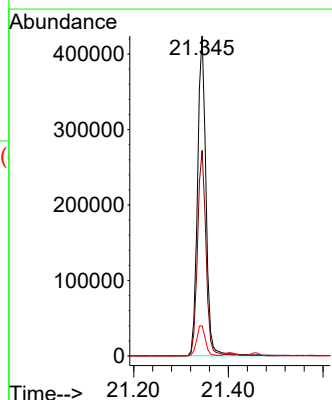
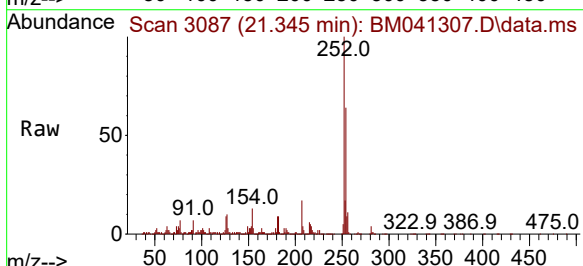
Tgt Ion:252 Resp: 526405

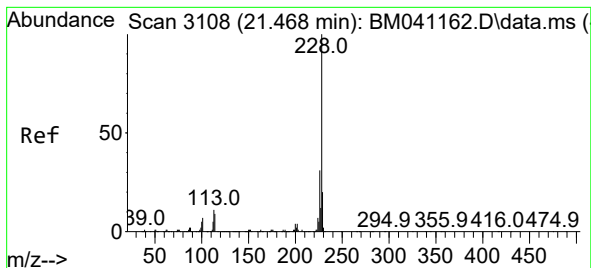
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

126 9.4 8.6 13.0





#83

Chrysene

Concen: 36.544 ng

RT: 21.456 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

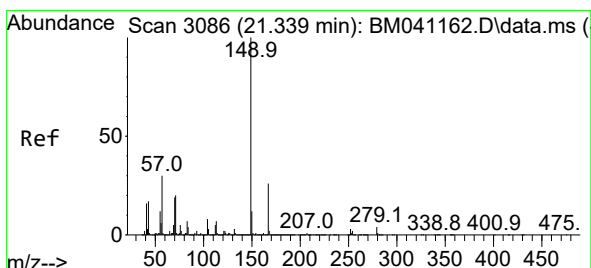
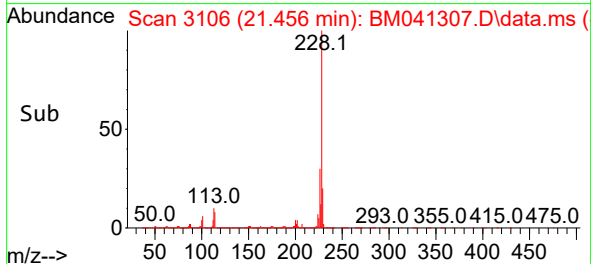
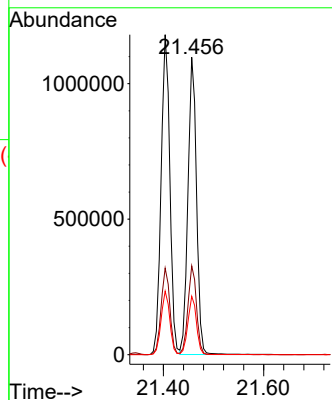
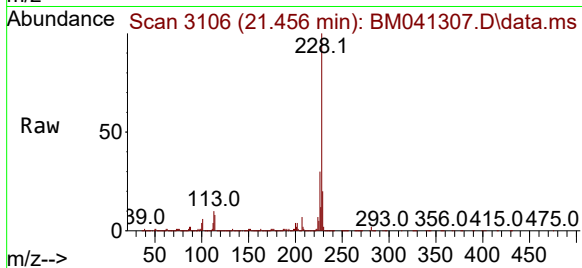
Tgt Ion:228 Resp: 1307263

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.412 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

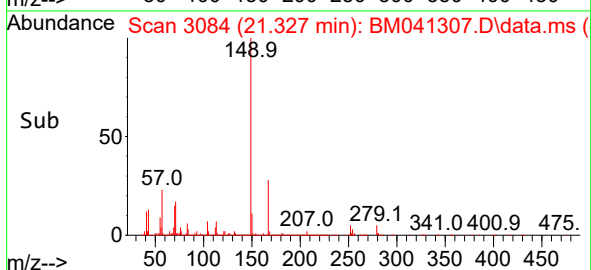
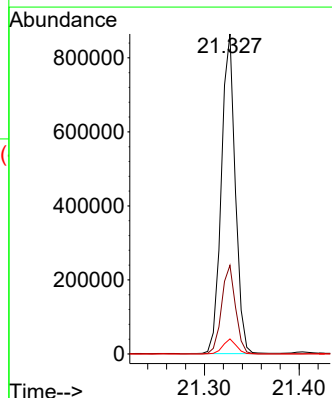
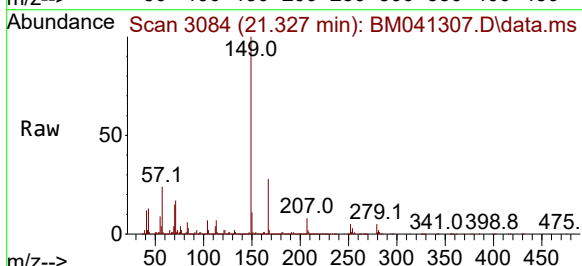
Tgt Ion:149 Resp: 884732

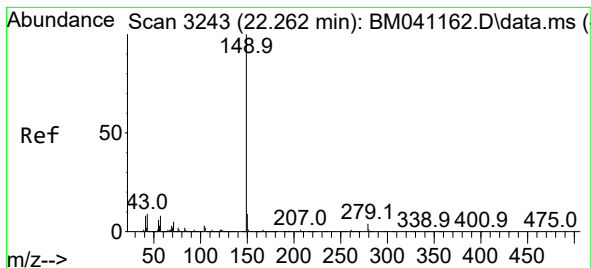
Ion Ratio Lower Upper

149 100

167 27.7 21.0 31.6

279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 44.290 ng

RT: 22.245 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

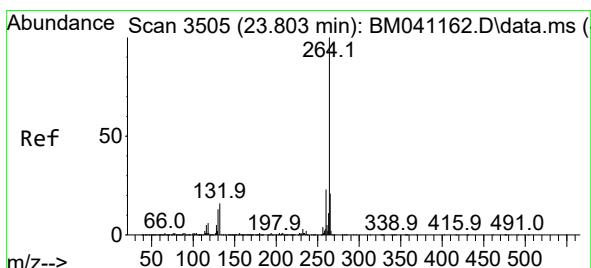
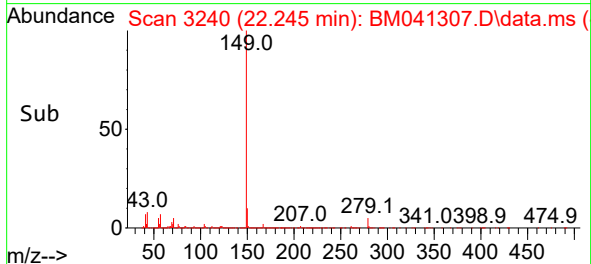
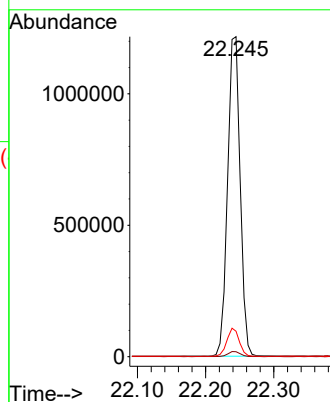
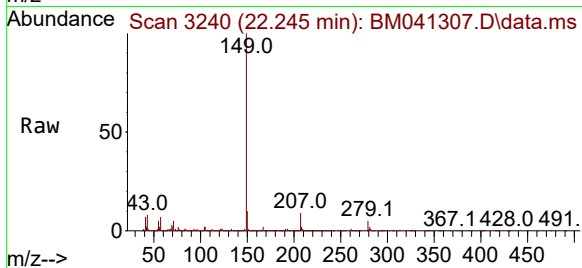
Tgt Ion:149 Resp: 1559498

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.5 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3502

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

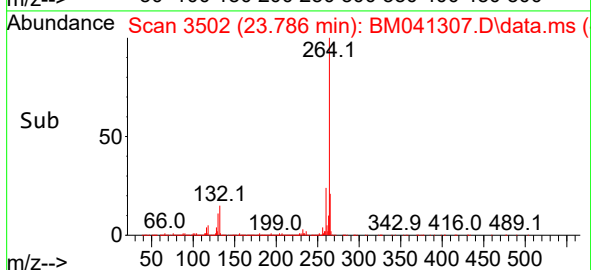
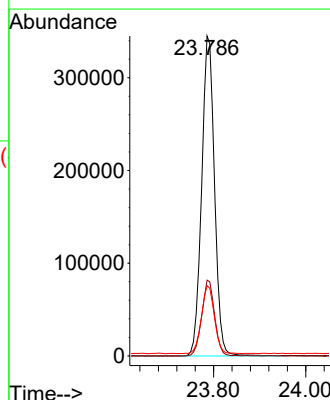
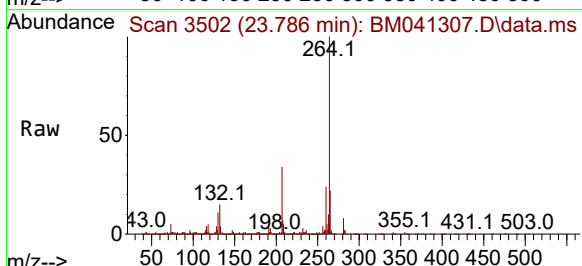
Tgt Ion:264 Resp: 672540

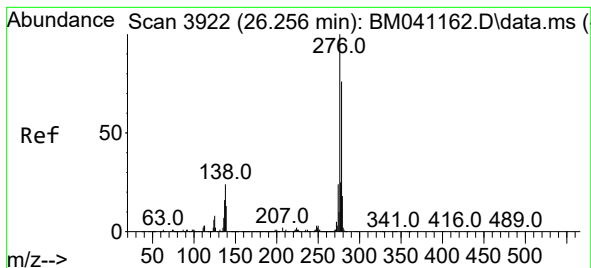
Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.740 ng

RT: 26.244 min Scan# 3920

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

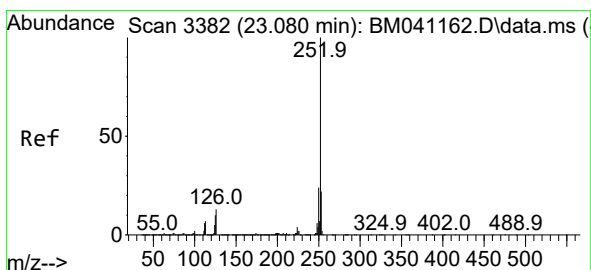
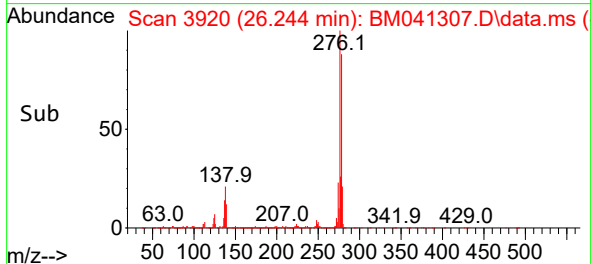
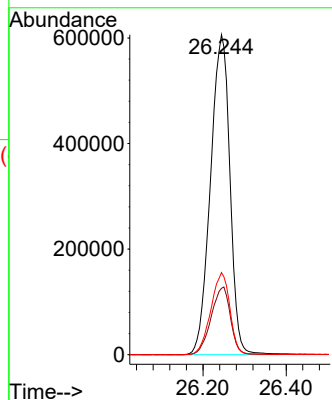
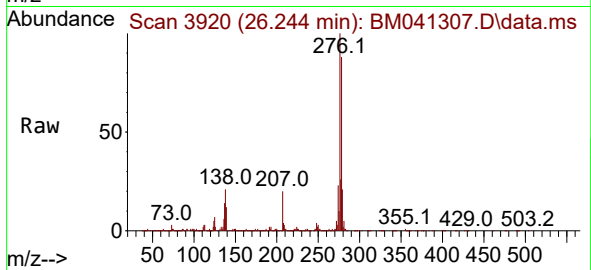
Tgt Ion:276 Resp: 1964999

Ion Ratio Lower Upper

276 100

138 21.1 20.0 30.0

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 37.818 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

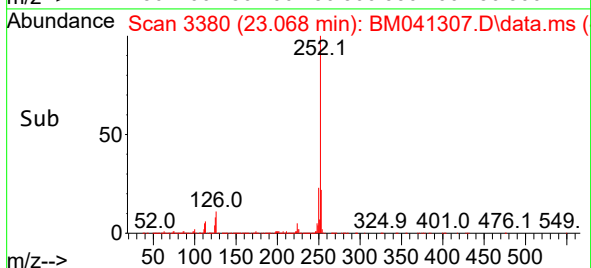
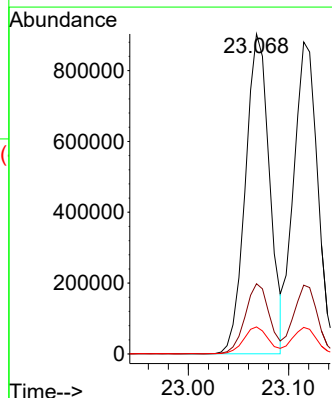
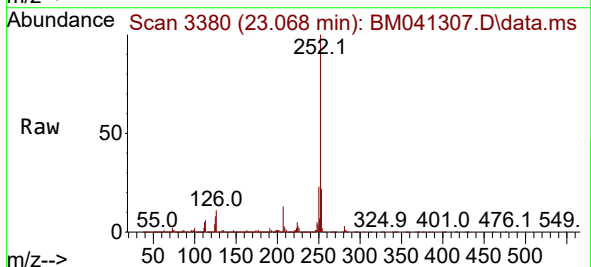
Tgt Ion:252 Resp: 1510924

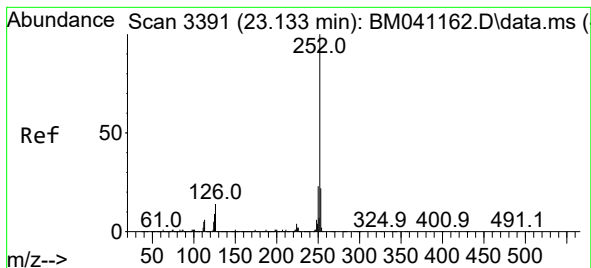
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 35.802 ng

RT: 23.115 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

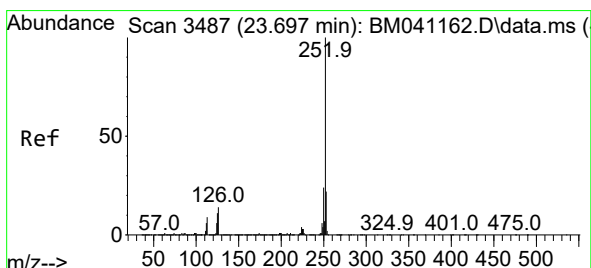
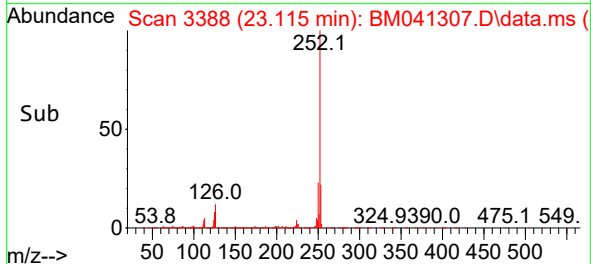
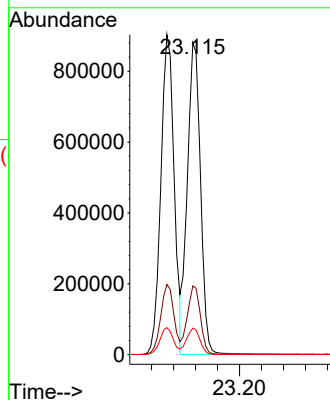
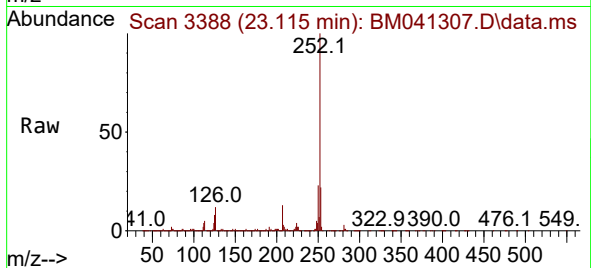
Tgt Ion:252 Resp: 1463158

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.5 7.6 11.4



#90

Benzo(a)pyrene

Concen: 35.542 ng

RT: 23.686 min Scan# 3485

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

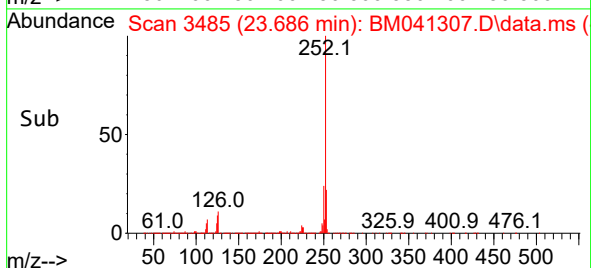
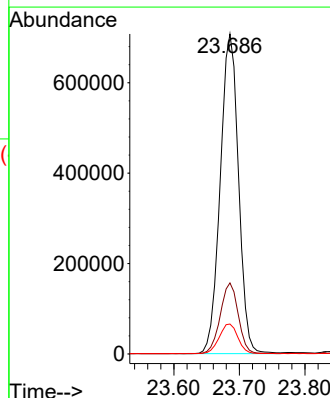
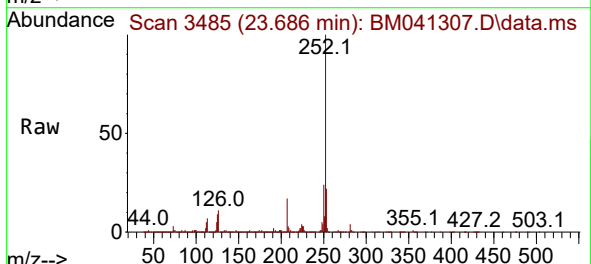
Tgt Ion:252 Resp: 1364439

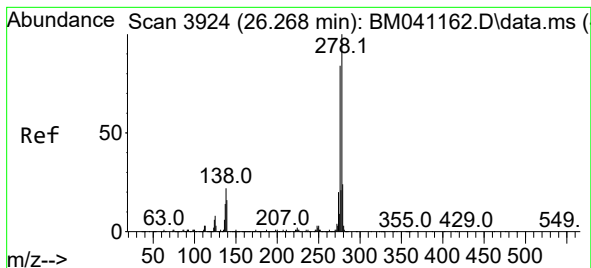
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.262 ng

RT: 26.256 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA_M

ClientSampleId :

PB154558BS

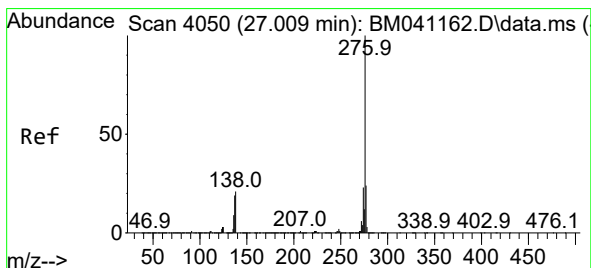
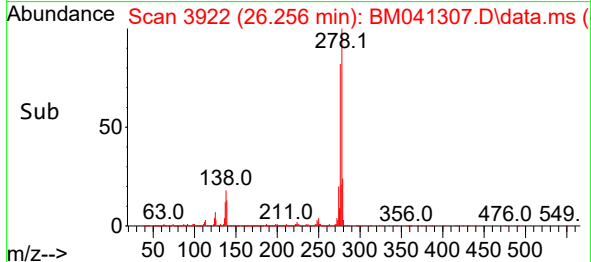
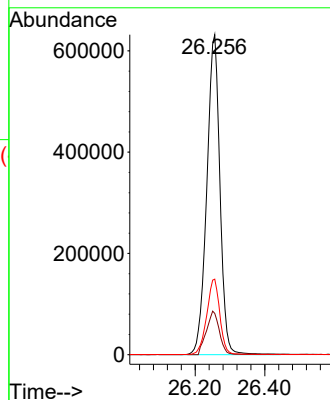
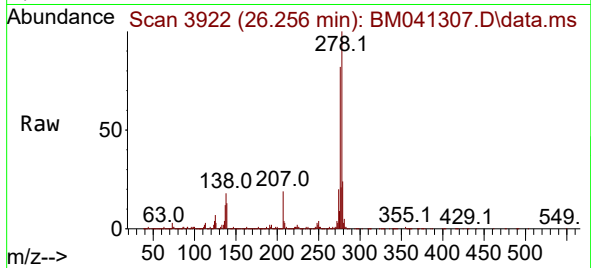
Tgt Ion:278 Resp: 1660512

Ion Ratio Lower Upper

278 100

139 12.9 12.7 19.1

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 38.679 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Tgt Ion:276 Resp: 1560891

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 18.1 17.1 25.7

