

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041186.D
 Acq On : 31 Jul 2023 13:06
 Operator : MA/JU
 Sample : PB154262BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154262BSD

Quant Time: Jul 31 16:33:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	140691	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	536661	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	281972	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	545269	20.000	ng	0.00
76) Chrysene-d12	21.421	240	549852	20.000	ng	0.00
86) Perylene-d12	23.791	264	640278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	765740	81.346	ng	0.00
7) Phenol-d6	6.975	99	935696	76.684	ng	0.00
23) Nitrobenzene-d5	8.975	82	896961	77.726	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	319937	80.218	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	1815699	81.344	ng	0.00
79) Terphenyl-d14	19.862	244	2601280	85.537	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	116163	28.846	ng	99
3) Pyridine	3.669	79	320690	30.287	ng	98
4) n-Nitrosodimethylamine	3.587	42	179096	36.572	ng	89
6) Aniline	7.134	93	511379	35.811	ng	98
8) 2-Chlorophenol	7.363	128	395683	43.057	ng	100
9) Benzaldehyde	6.945	77	221327	34.376	ng	98
10) Phenol	7.004	94	500066	42.432	ng	100
11) bis(2-Chloroethyl)ether	7.234	93	393197	41.217	ng	98
12) 1,3-Dichlorobenzene	7.687	146	432444	43.230	ng	97
13) 1,4-Dichlorobenzene	7.834	146	435449	43.309	ng	99
14) 1,2-Dichlorobenzene	8.151	146	418566	43.418	ng	99
15) Benzyl Alcohol	8.057	79	345146	44.791	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	513189	40.375	ng	98
17) 2-Methylphenol	8.257	107	326724	40.579	ng	99
18) Hexachloroethane	8.869	117	163420	43.658	ng	97
19) n-Nitroso-di-n-propyla...	8.622	70	303313	40.925	ng	97
20) 3+4-Methylphenols	8.586	107	433112	40.232	ng	98
22) Acetophenone	8.639	105	576233	40.542	ng	# 98
24) Nitrobenzene	9.016	77	453496	38.860	ng	100
25) Isophorone	9.545	82	779981	39.817	ng	99
26) 2-Nitrophenol	9.728	139	199223	43.669	ng	96
27) 2,4-Dimethylphenol	9.792	122	344967	42.971	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	490223	39.951	ng	99
29) 2,4-Dichlorophenol	10.263	162	346946	42.856	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	383687	42.897	ng	99
31) Naphthalene	10.657	128	1161893	39.897	ng	99
32) Benzoic acid	9.945	122	219174	38.088	ng	99
33) 4-Chloroaniline	10.786	127	266155	22.869	ng	99
34) Hexachlorobutadiene	10.928	225	230702	42.886	ng	98
35) Caprolactam	11.592	113	95875	40.939	ng	91
36) 4-Chloro-3-methylphenol	11.916	107	350777	41.167	ng	98
37) 2-Methylnaphthalene	12.274	142	764395	38.933	ng	99
38) 1-Methylnaphthalene	12.498	142	714153	38.863	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	394195	43.053	ng	99
41) Hexachlorocyclopentadiene	12.616	237	544533	112.416	ng	99
43) 2,4,6-Trichlorophenol	12.892	196	258986	44.132	ng	99

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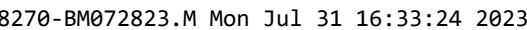
Instrument :
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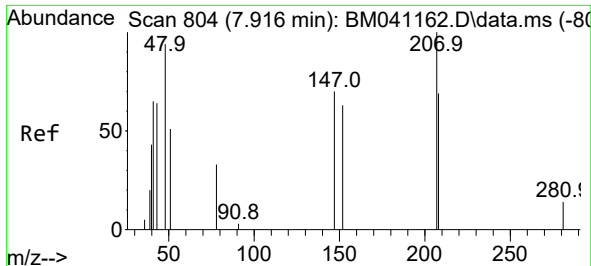
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	277604	40.871	ng	99
46) 1,1'-Biphenyl	13.292	154	947405	41.445	ng	99
47) 2-Chloronaphthalene	13.339	162	734305	43.022	ng	99
48) 2-Nitroaniline	13.563	65	223831	41.084	ng	97
49) Acenaphthylene	14.186	152	1141957	41.451	ng	100
50) Dimethylphthalate	13.933	163	870205	41.027	ng	99
51) 2,6-Dinitrotoluene	14.063	165	187510	42.666	ng	98
52) Acenaphthene	14.527	154	682818	41.142	ng	100
53) 3-Nitroaniline	14.392	138	151160	30.705	ng	98
54) 2,4-Dinitrophenol	14.604	184	218426	74.065	ng	94
55) Dibenzofuran	14.868	168	1087284	40.154	ng	99
56) 4-Nitrophenol	14.710	139	355915	97.172	ng	96
57) 2,4-Dinitrotoluene	14.851	165	249981	40.285	ng	94
58) Fluorene	15.521	166	867367	40.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	241278	43.867	ng	99
60) Diethylphthalate	15.298	149	852202	41.547	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	439822	41.088	ng	98
62) 4-Nitroaniline	15.563	138	175082	38.272	ng	99
63) Azobenzene	15.810	77	889982	39.611	ng	97
65) 4,6-Dinitro-2-methylph...	15.615	198	135477	41.014	ng	98
66) n-Nitrosodiphenylamine	15.733	169	718642	42.377	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	255730	42.775	ng	98
68) Hexachlorobenzene	16.521	284	302136	45.449	ng	98
69) Atrazine	16.698	200	248446	55.787	ng	100
70) Pentachlorophenol	16.874	266	417782	90.757	ng	98
71) Phenanthrene	17.268	178	1285321	42.426	ng	100
72) Anthracene	17.357	178	1288809	43.014	ng	100
73) Carbazole	17.639	167	1193248	44.000	ng	100
74) Di-n-butylphthalate	18.198	149	1342390	43.804	ng	100
75) Fluoranthene	19.292	202	1468416	43.143	ng	100
77) Benzidine	19.492	184	867655	115.773	ng	99
78) Pyrene	19.656	202	1569387	40.814	ng	100
80) Butylbenzylphthalate	20.562	149	603001	42.943	ng	97
81) Benzo(a)anthracene	21.409	228	1643375	44.087	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	522571	42.963	ng	99
83) Chrysene	21.462	228	1514246	41.999	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	876708	39.775	ng	98
85) Di-n-octyl phthalate	22.250	149	1569469	44.225	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	2108771	44.797	ng	99
88) Benzo(b)fluoranthene	23.074	252	1767521	46.469	ng	98
89) Benzo(k)fluoranthene	23.121	252	1666350	42.828	ng	99
90) Benzo(a)pyrene	23.686	252	1515900	41.477	ng	99
91) Dibenzo(a,h)anthracene	26.256	278	1781651	45.376	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1688225	43.942	ng	98

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

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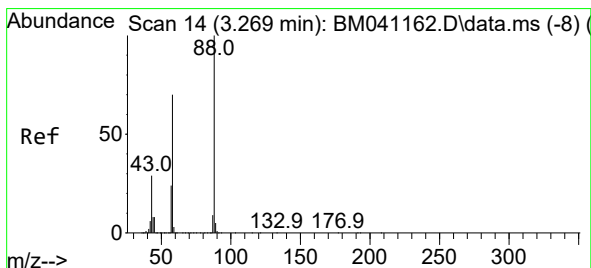
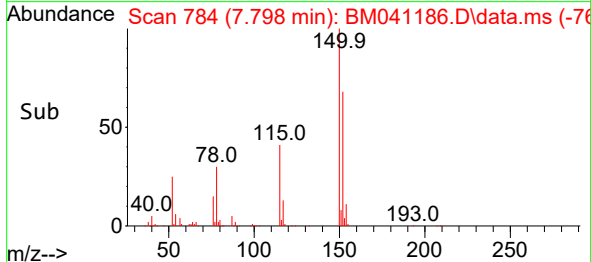
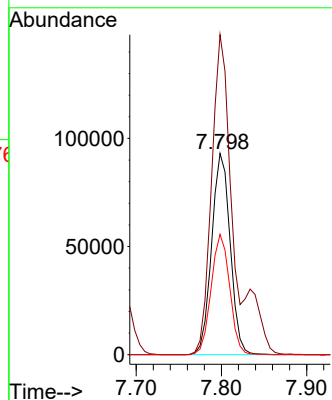
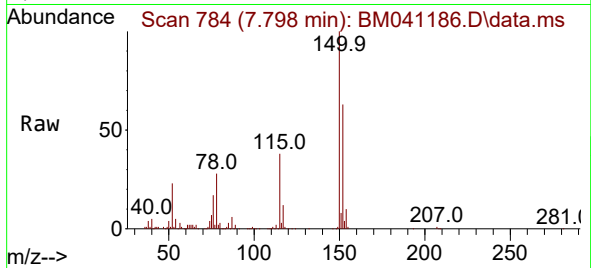




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

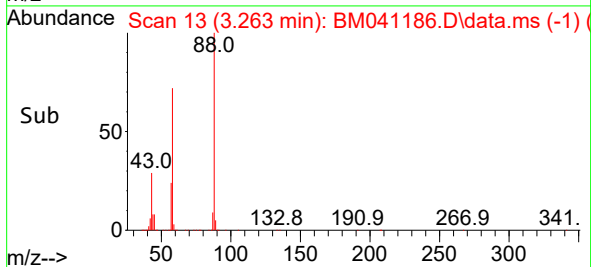
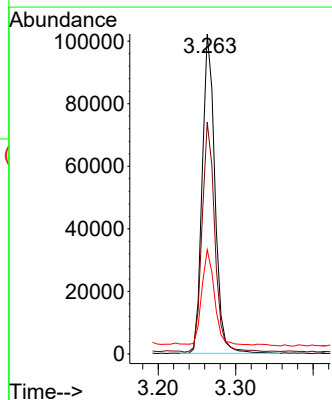
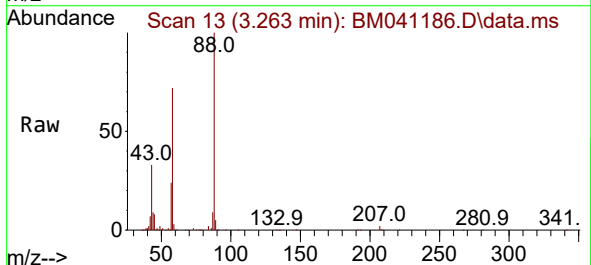
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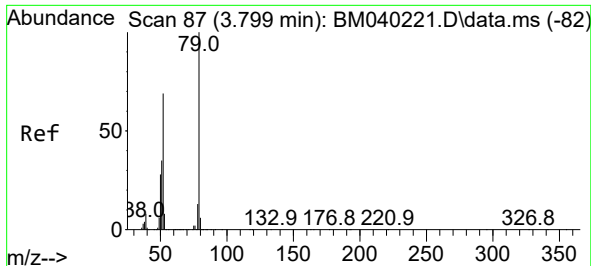
Tgt Ion:152 Resp: 140691
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.5 188.3
 115 59.8 48.0 72.0



#2
 1,4-Dioxane
 Concen: 28.846 ng
 RT: 3.263 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

Tgt Ion: 88 Resp: 116163
 Ion Ratio Lower Upper
 88 100
 58 72.5 58.2 87.4
 43 29.6 24.4 36.6

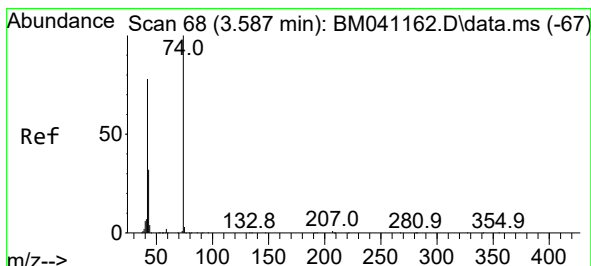
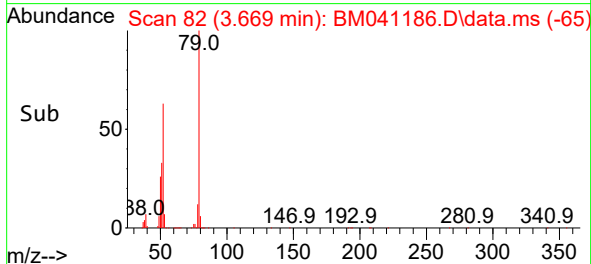
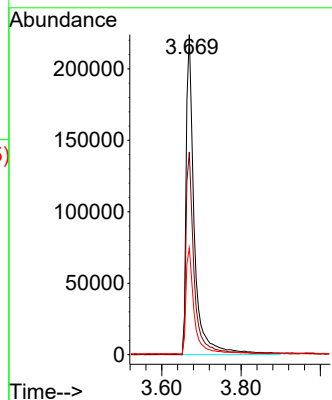
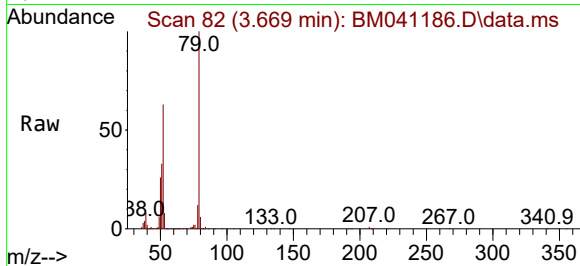




#3
 Pyridine
 Concen: 30.287 ng
 RT: 3.669 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

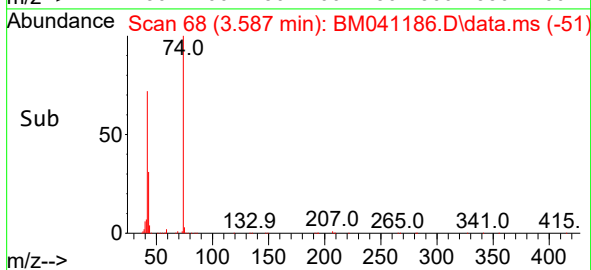
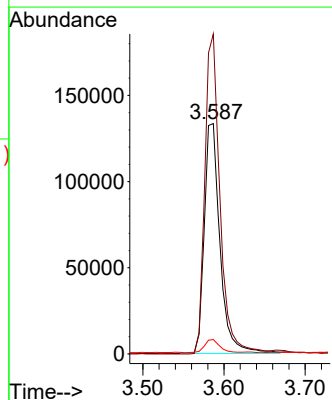
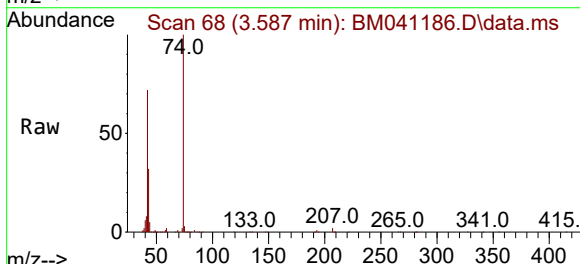
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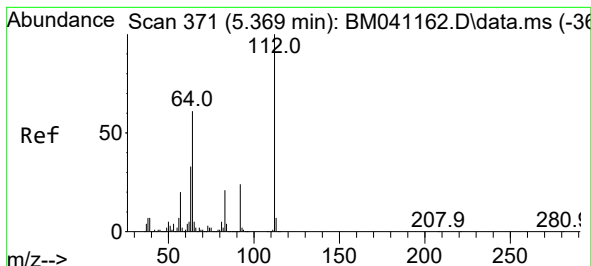
Tgt Ion: 79 Resp: 320690
 Ion Ratio Lower Upper
 79 100
 52 63.3 52.1 78.1
 51 33.4 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 36.572 ng
 RT: 3.587 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

Tgt Ion: 42 Resp: 179096
 Ion Ratio Lower Upper
 42 100
 74 138.9 100.8 151.2
 44 6.3 5.0 7.4

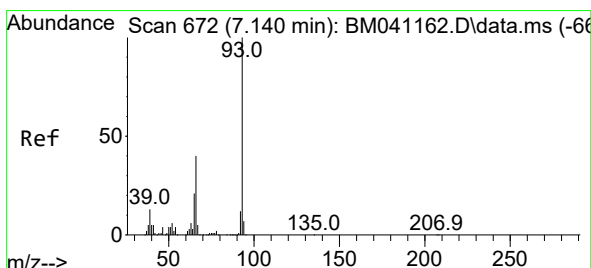
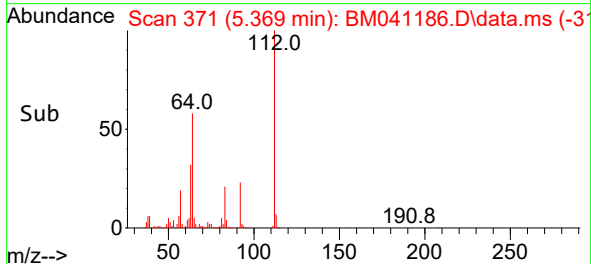
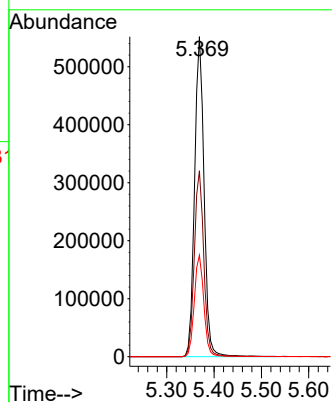
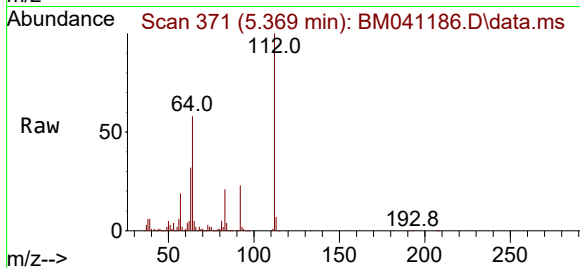




#5
2-Fluorophenol
Concen: 81.346 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

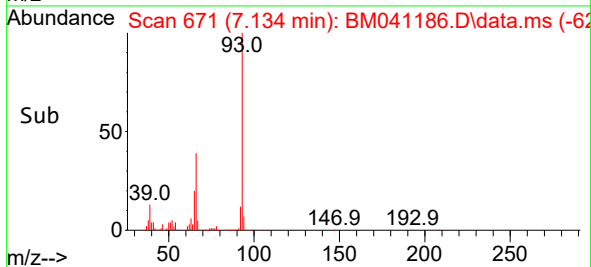
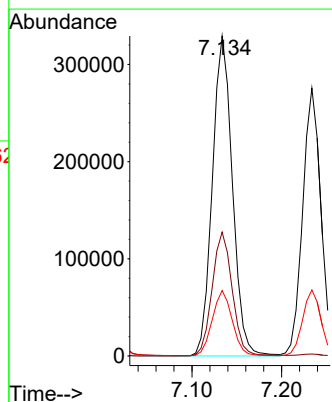
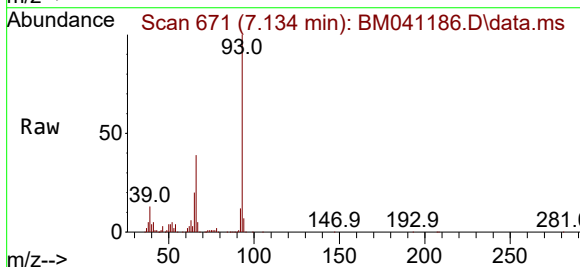
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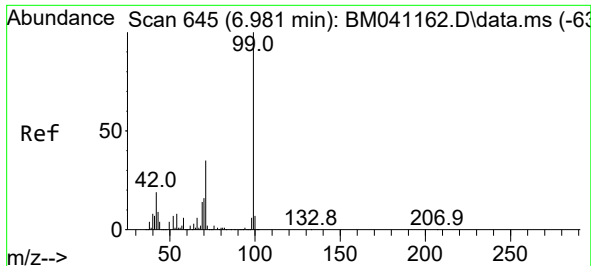
Tgt Ion:112 Resp: 765740
Ion Ratio Lower Upper
112 100
64 58.1 48.5 72.7
63 31.7 26.5 39.7



#6
Aniline
Concen: 35.811 ng
RT: 7.134 min Scan# 671
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 93 Resp: 511379
Ion Ratio Lower Upper
93 100
66 38.7 32.0 48.0
65 20.4 16.6 24.8

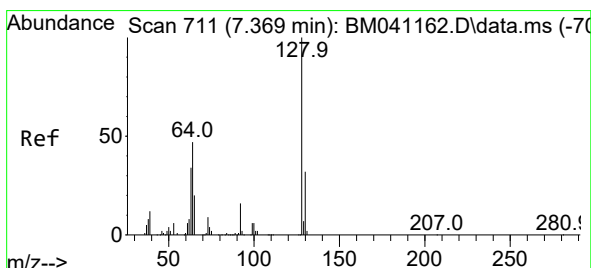
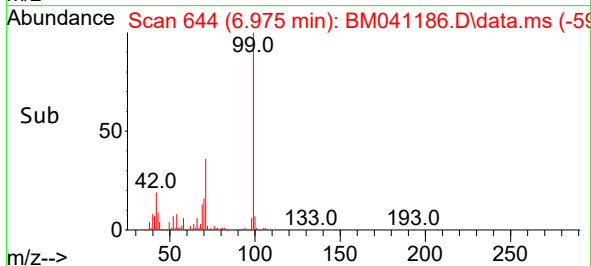
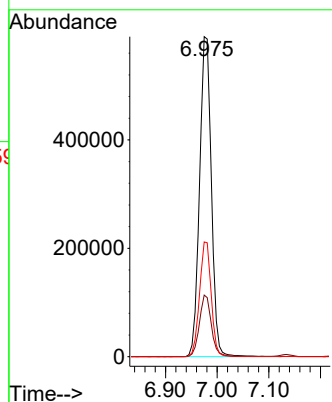
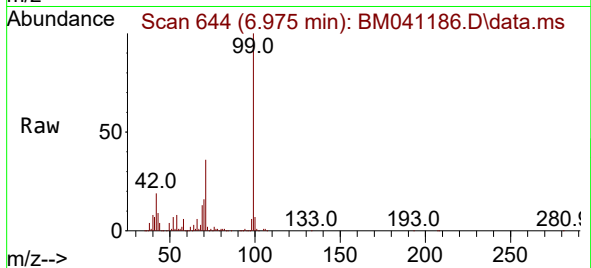




#7
Phenol-d6
Concen: 76.684 ng
RT: 6.975 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

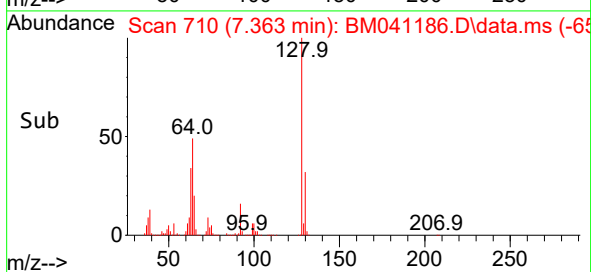
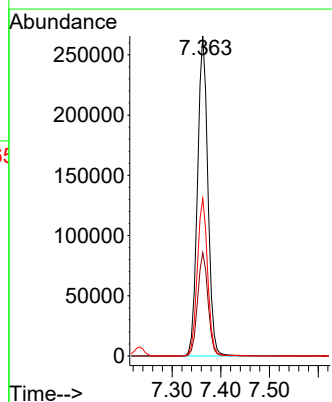
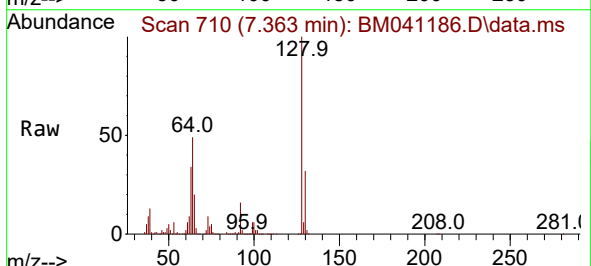
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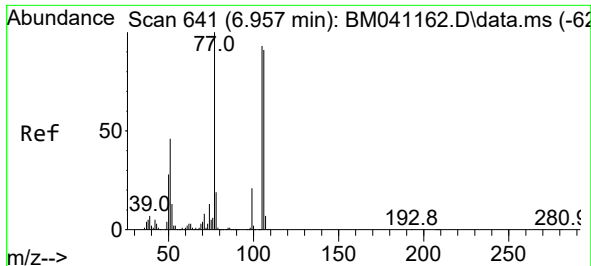
Tgt Ion: 99 Resp: 935696
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 35.9 28.2 42.4



#8
2-Chlorophenol
Concen: 43.057 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 128 Resp: 395683
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 49.2 29.3 69.3

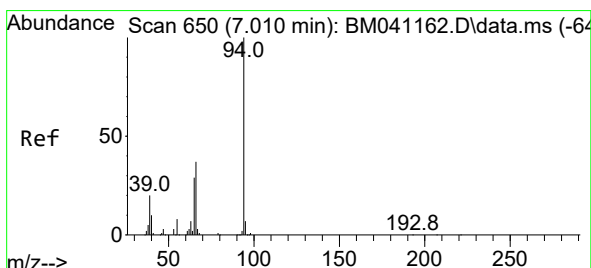
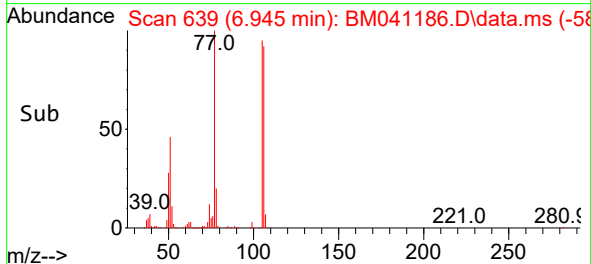
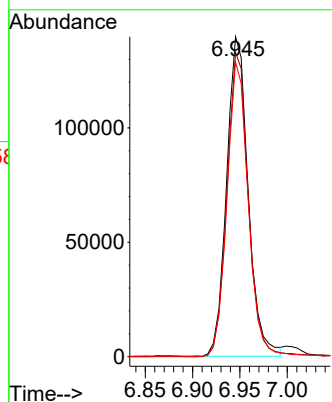
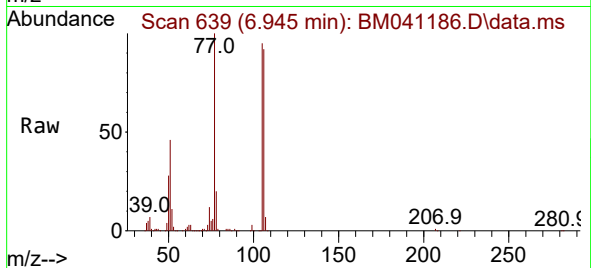




#9
Benzaldehyde
Concen: 34.376 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

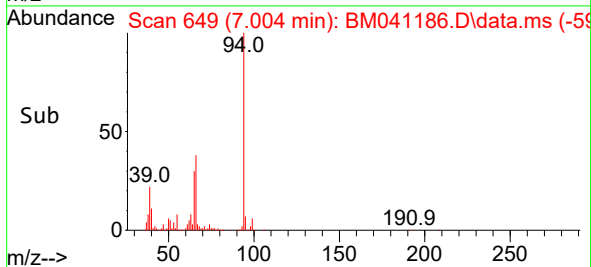
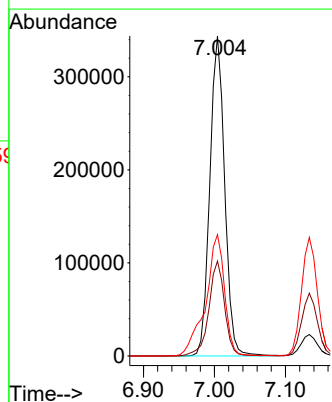
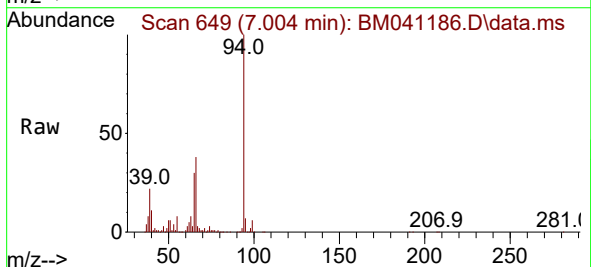
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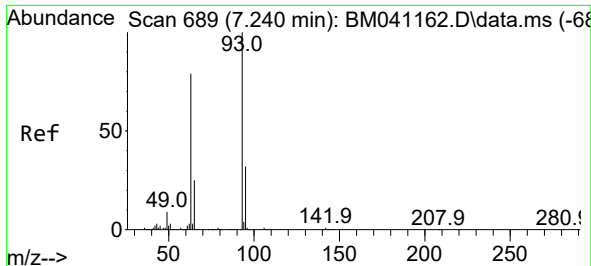
Tgt Ion: 77 Resp: 221327
Ion Ratio Lower Upper
77 100
105 95.2 72.8 112.8
106 92.1 70.8 110.8



#10
Phenol
Concen: 42.432 ng
RT: 7.004 min Scan# 649
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 94 Resp: 500066
Ion Ratio Lower Upper
94 100
65 29.7 9.5 49.5
66 37.9 18.0 58.0

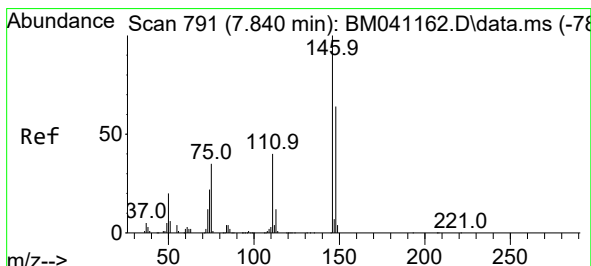
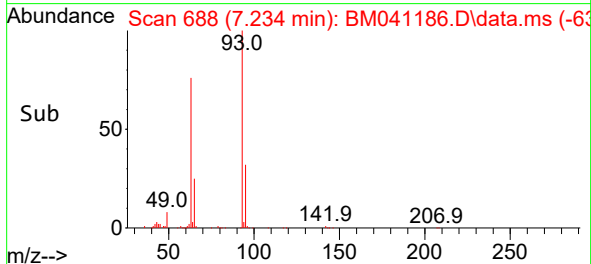
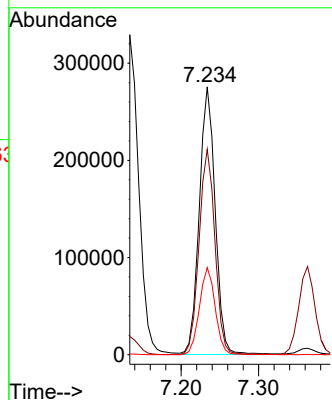
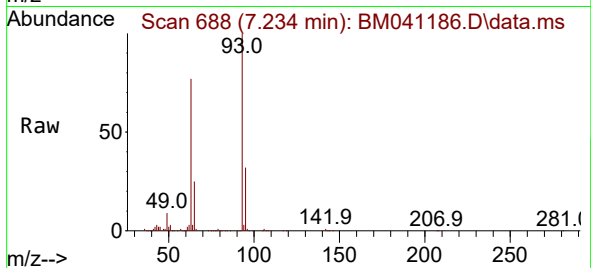




#11
bis(2-Chloroethyl)ether
Concen: 41.217 ng
RT: 7.234 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

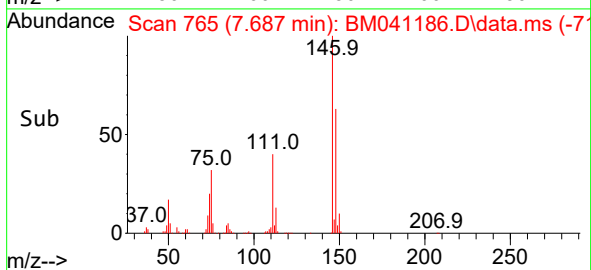
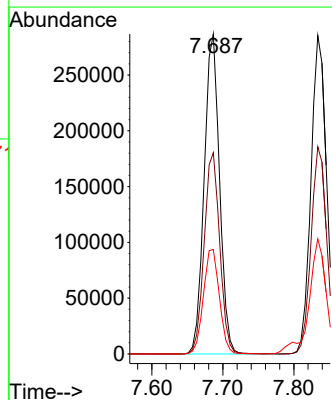
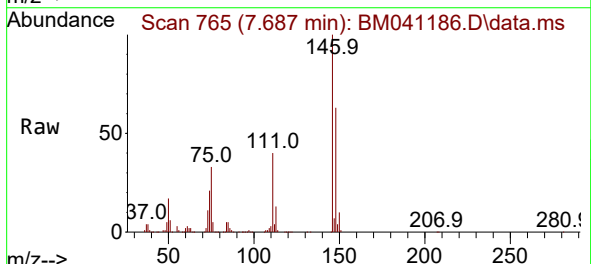
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

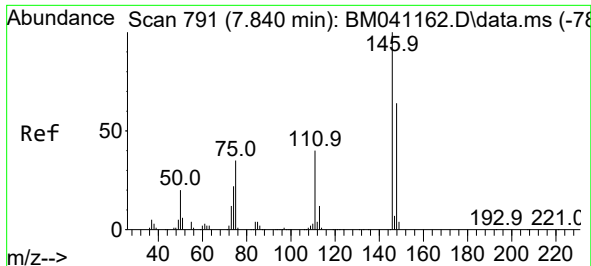
Tgt Ion: 93 Resp: 393197
Ion Ratio Lower Upper
93 100
63 76.7 58.8 98.8
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.230 ng
RT: 7.687 min Scan# 765
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:146 Resp: 432444
Ion Ratio Lower Upper
146 100
148 62.9 51.9 77.9
75 32.6 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 43.309 ng

RT: 7.834 min Scan# 791

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

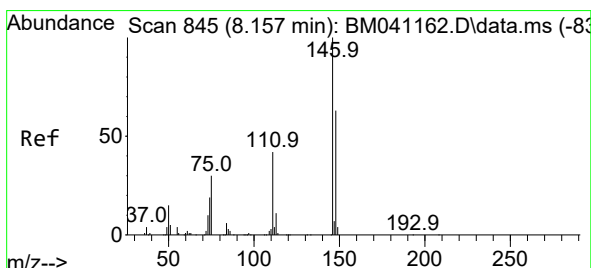
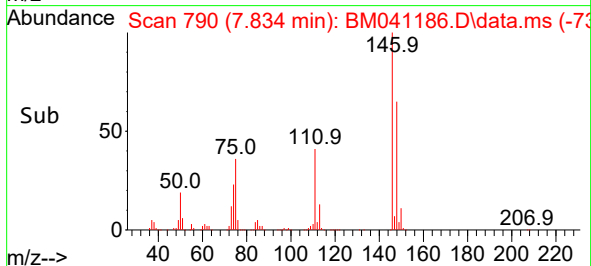
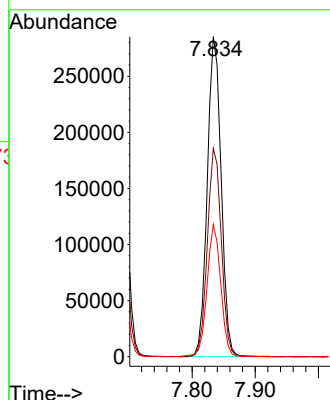
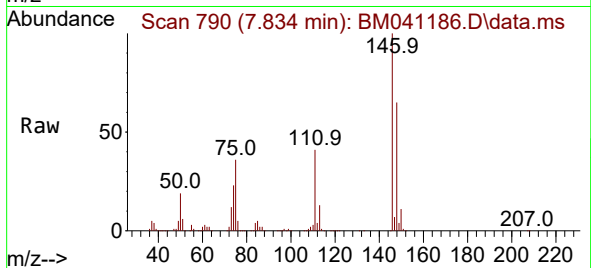
Tgt Ion:146 Resp: 435449

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

111 41.3 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 43.418 ng

RT: 8.151 min Scan# 844

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

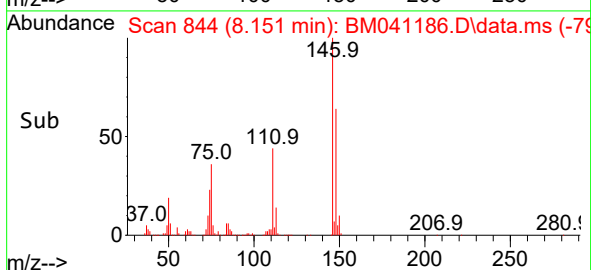
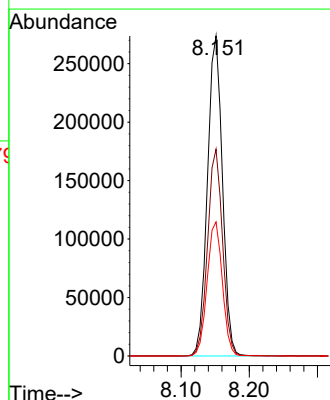
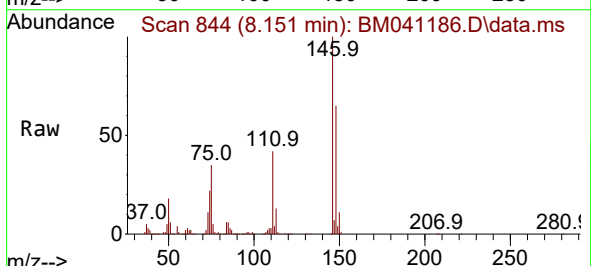
Tgt Ion:146 Resp: 418566

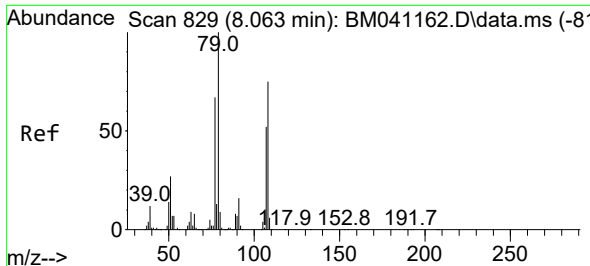
Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

111 41.9 33.8 50.6

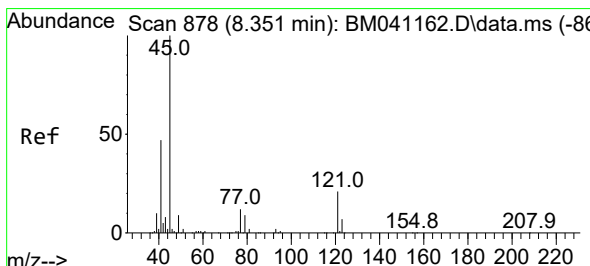
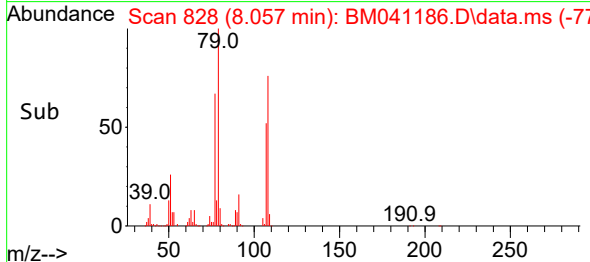
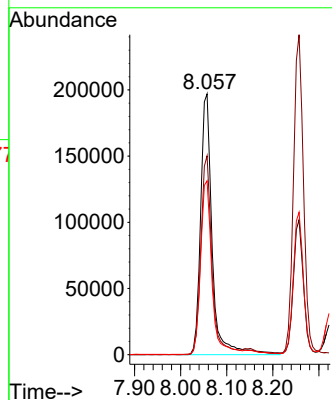
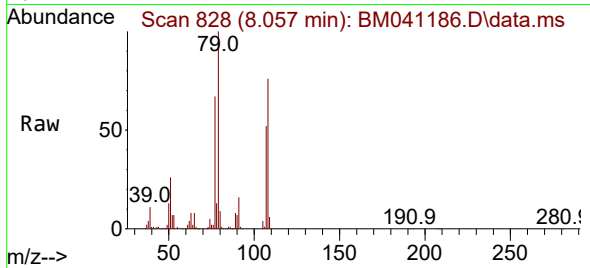




#15
Benzyl Alcohol
Concen: 44.791 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

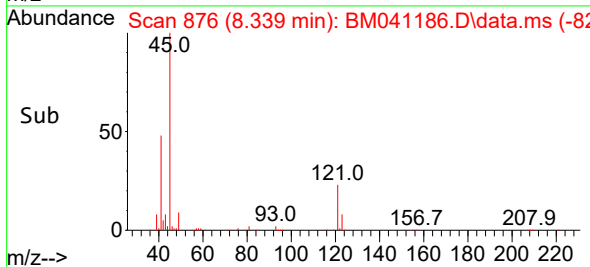
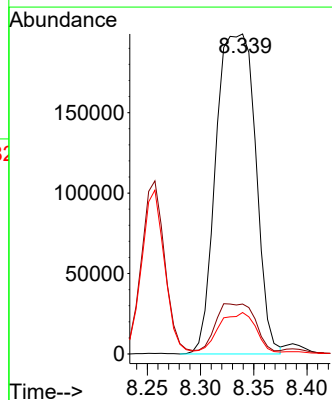
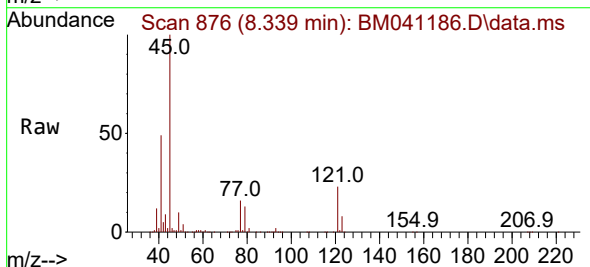
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

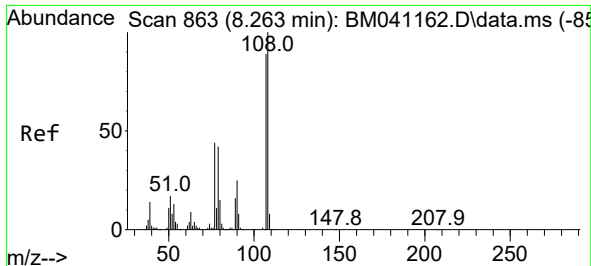
Tgt Ion: 79 Resp: 345146
Ion Ratio Lower Upper
79 100
108 76.3 59.8 89.8
77 66.7 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.375 ng
RT: 8.339 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 45 Resp: 513189
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.5
79 12.9 0.0 32.1

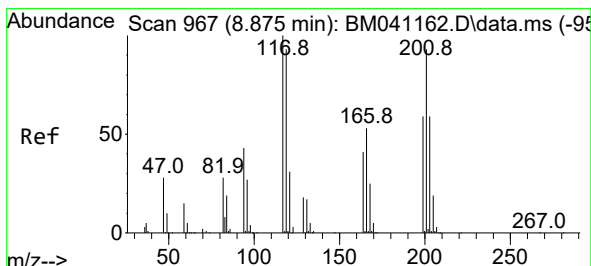
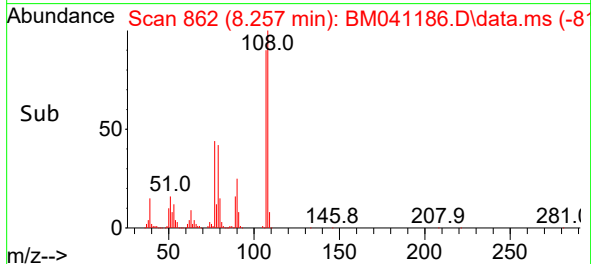
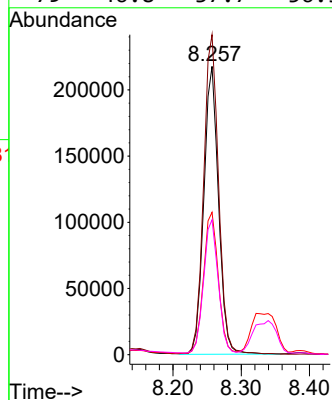
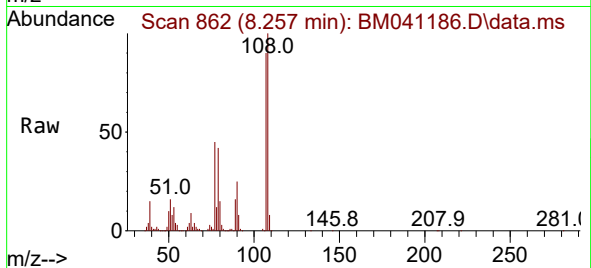




#17
2-Methylphenol
Concen: 40.579 ng
RT: 8.257 min Scan# 862
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

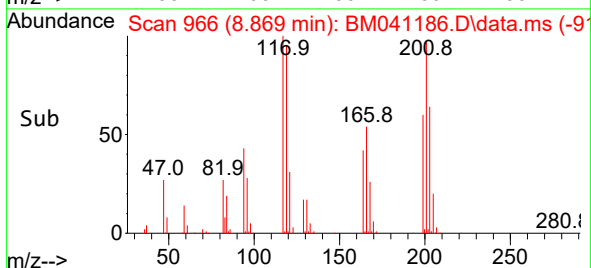
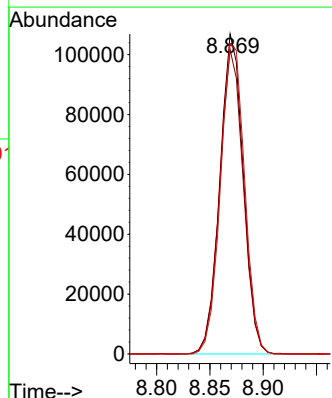
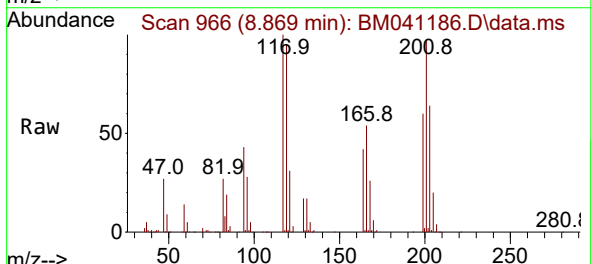
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

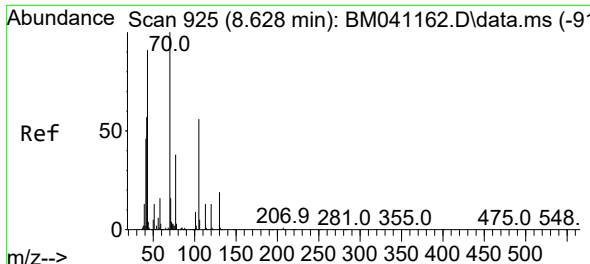
Tgt Ion:107 Resp: 326724
Ion Ratio Lower Upper
107 100
108 111.0 89.9 134.9
77 49.4 39.8 59.8
79 46.8 37.7 56.5



#18
Hexachloroethane
Concen: 43.658 ng
RT: 8.869 min Scan# 966
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:117 Resp: 163420
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
201 97.0 74.5 111.7



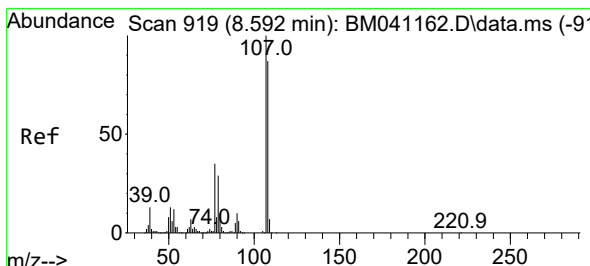
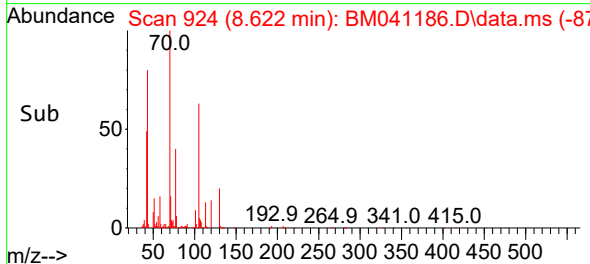
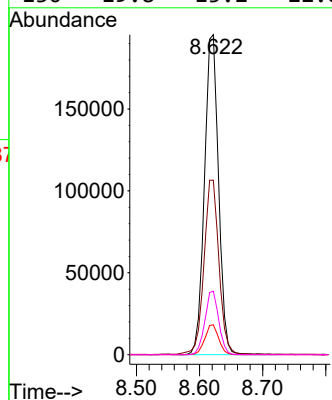
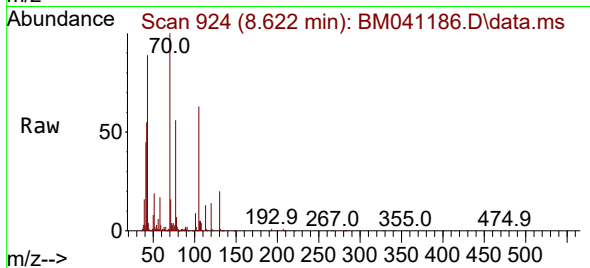


#19
n-Nitroso-di-n-propylamine
Concen: 40.925 ng
RT: 8.622 min Scan# 918
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Instrument :
BNA_M
ClientSampleId :
PB154262BSD

Tgt Ion: 70 Resp: 303313

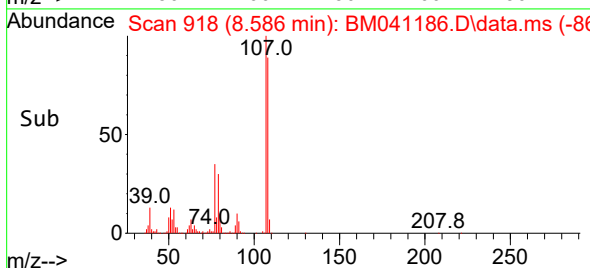
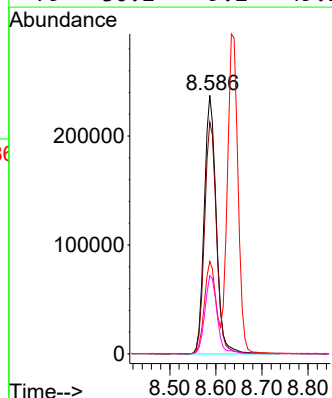
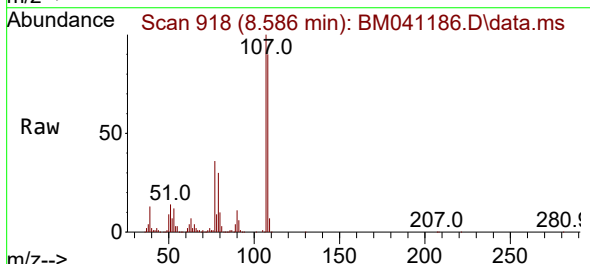
Ion	Ratio	Lower	Upper
70	100		
42	54.5	45.8	68.8
101	9.4	7.4	11.0
130	19.8	15.2	22.8

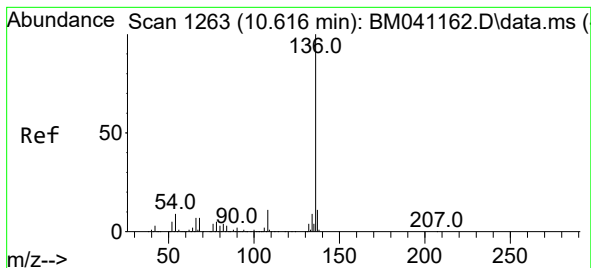


#20
3+4-Methylphenols
Concen: 40.232 ng
RT: 8.586 min Scan# 918
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 107 Resp: 433112

Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.2	107.2
77	35.8	15.4	55.4
79	30.2	9.2	49.2

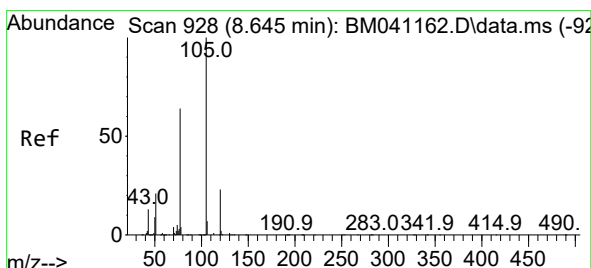
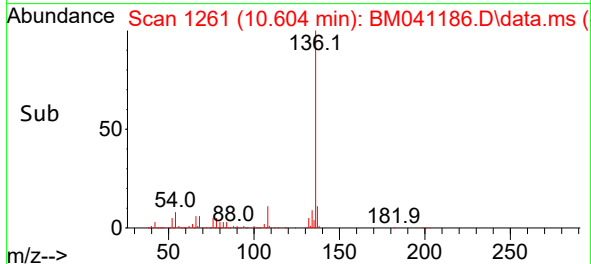
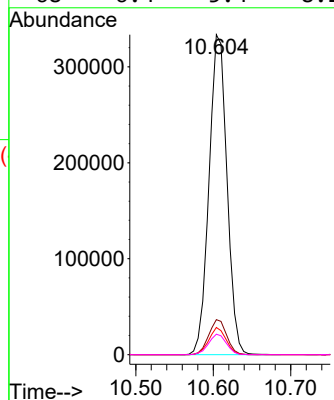
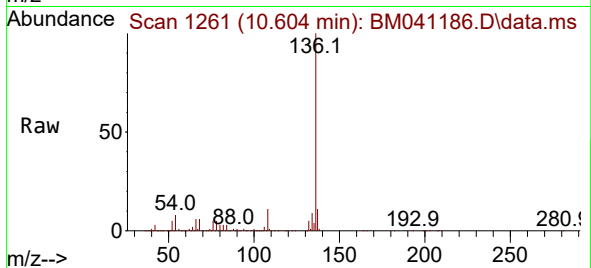




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

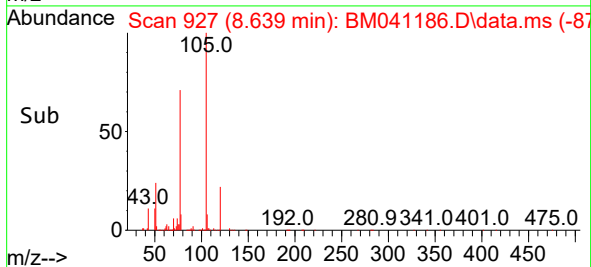
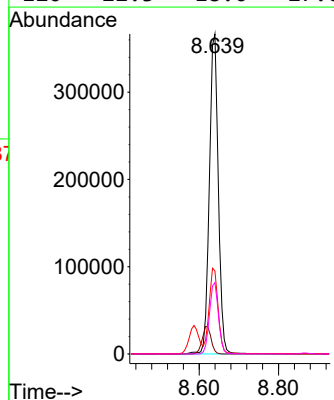
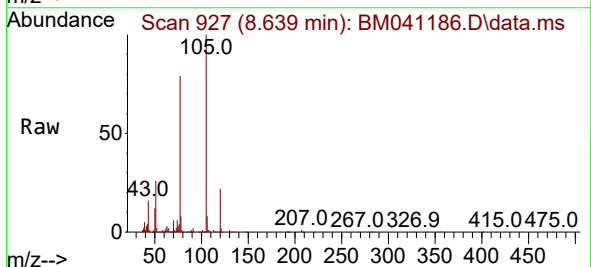
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

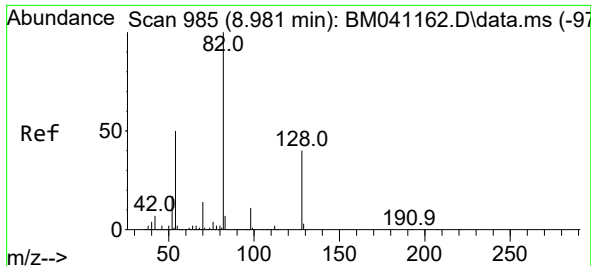
Tgt Ion:136 Resp: 536661
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 6.9 10.3
68 6.4 5.4 8.2



#22
Acetophenone
Concen: 40.542 ng
RT: 8.639 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:105 Resp: 576233
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 26.0 22.0 33.0
120 22.3 18.0 27.0

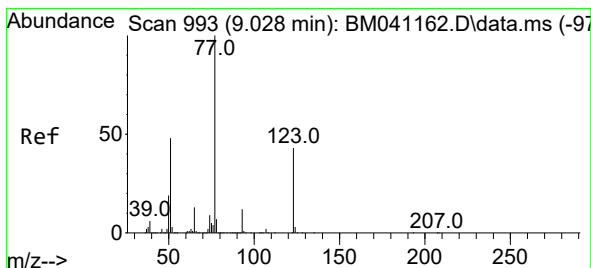
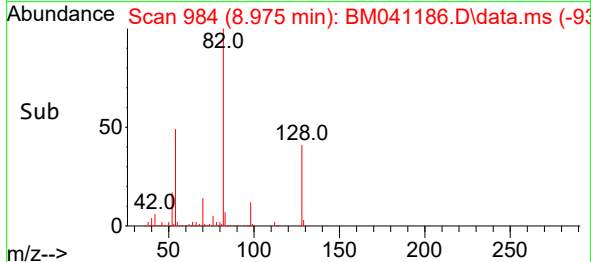
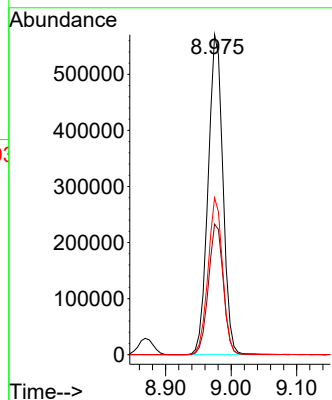
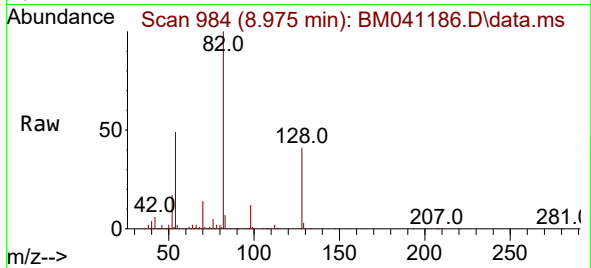




#23
Nitrobenzene-d5
Concen: 77.726 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

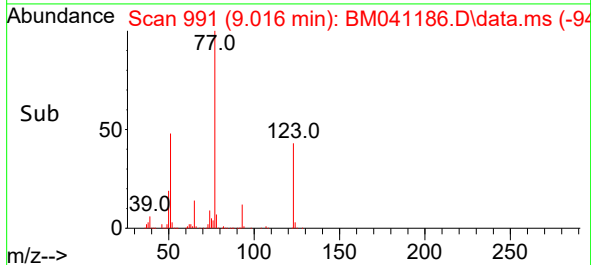
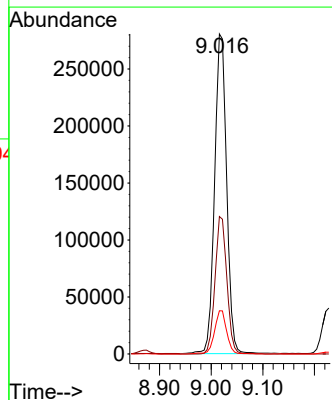
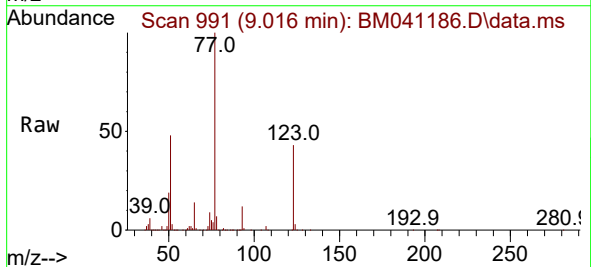
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

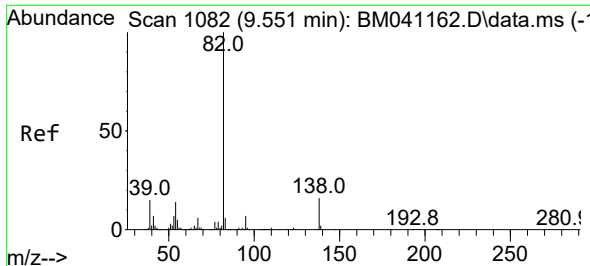
Tgt Ion: 82 Resp: 896961
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 49.0 40.1 60.1



#24
Nitrobenzene
Concen: 38.860 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 77 Resp: 453496
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.2
65 13.5 10.7 16.1

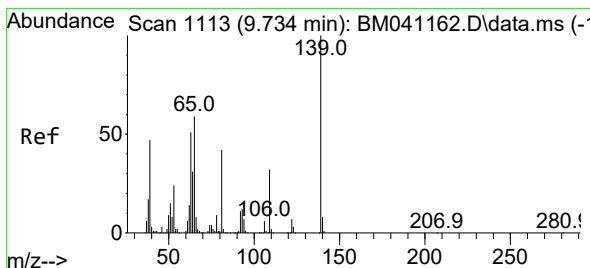
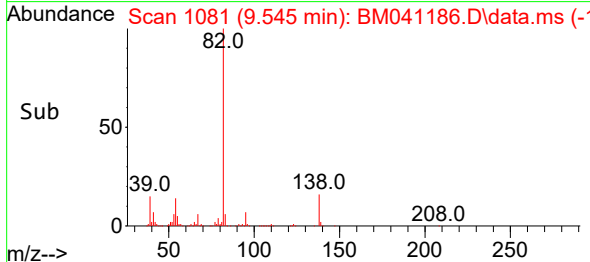
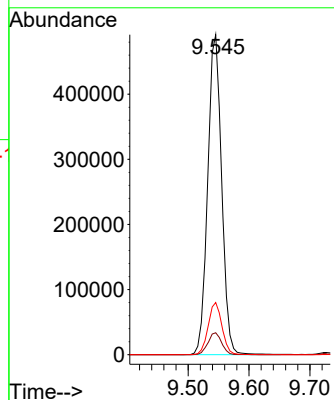
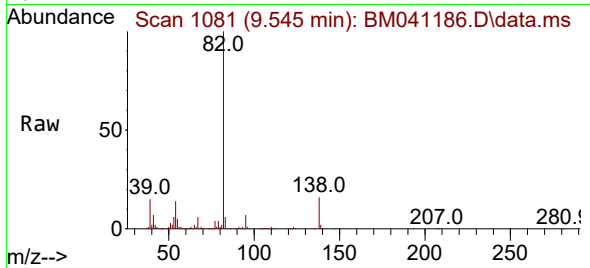




#25
Isophorone
Concen: 39.817 ng
RT: 9.545 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

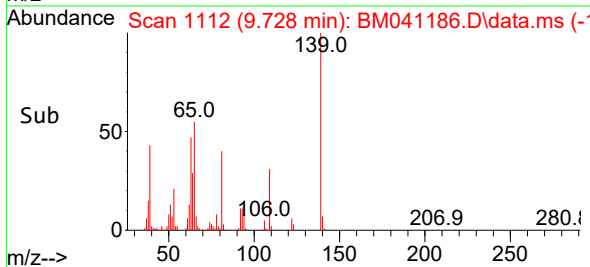
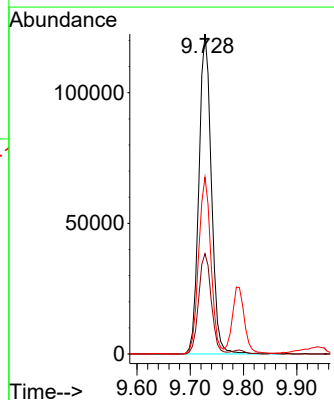
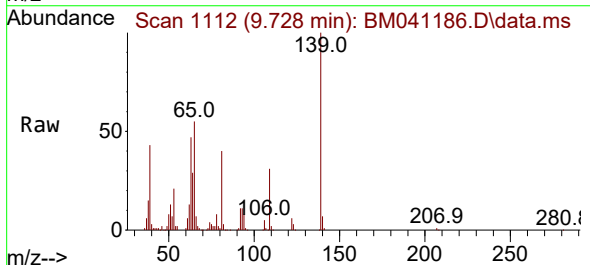
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

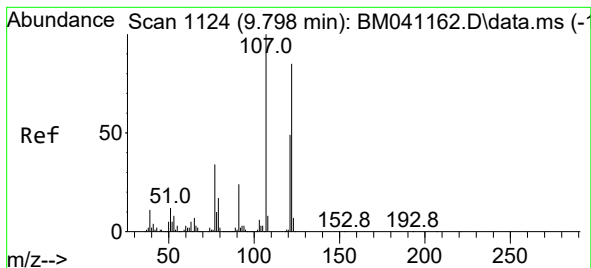
Tgt Ion: 82 Resp: 779981
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 16.3 12.8 19.2



#26
2-Nitrophenol
Concen: 43.669 ng
RT: 9.728 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 139 Resp: 199223
Ion Ratio Lower Upper
139 100
109 31.3 25.4 38.2
65 55.3 47.2 70.8

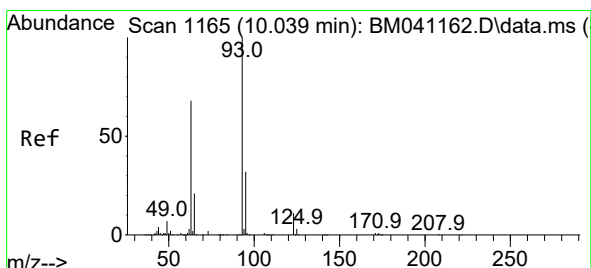
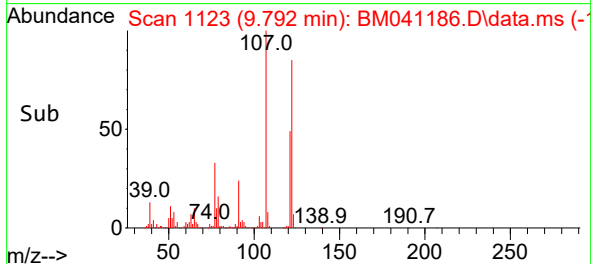
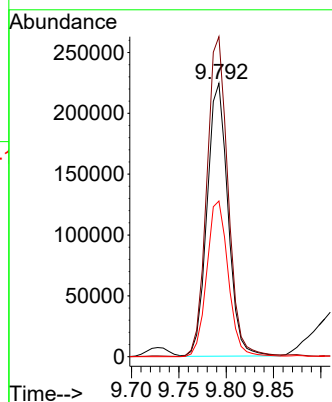
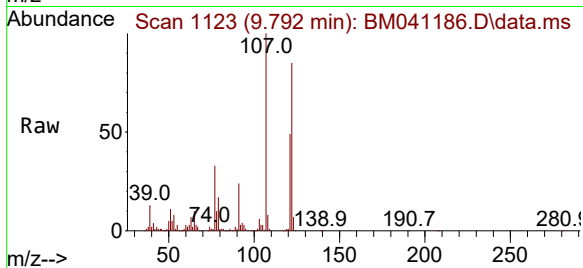




#27
2,4-Dimethylphenol
Concen: 42.971 ng
RT: 9.792 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

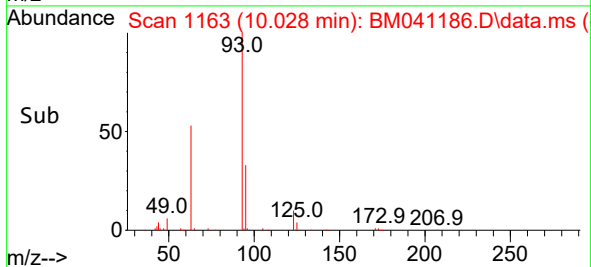
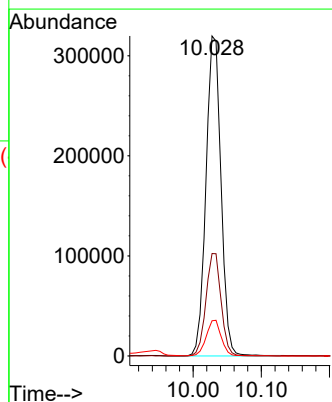
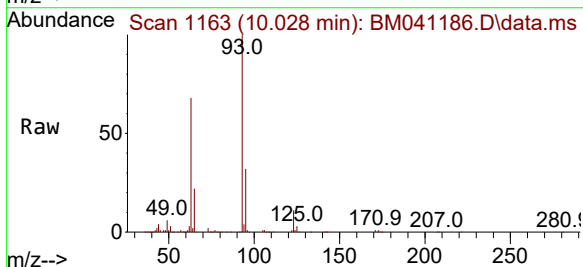
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

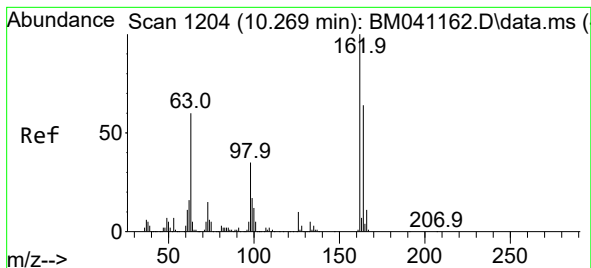
Tgt Ion:122 Resp: 344967
Ion Ratio Lower Upper
122 100
107 117.1 94.3 141.5
121 57.0 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.951 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 93 Resp: 490223
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.856 ng

RT: 10.263 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

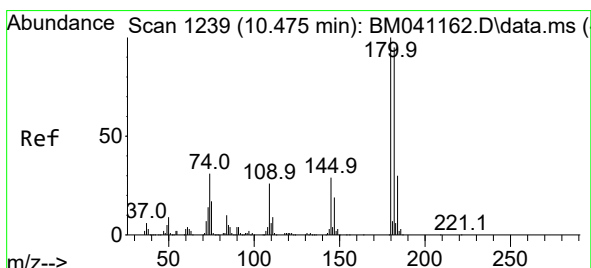
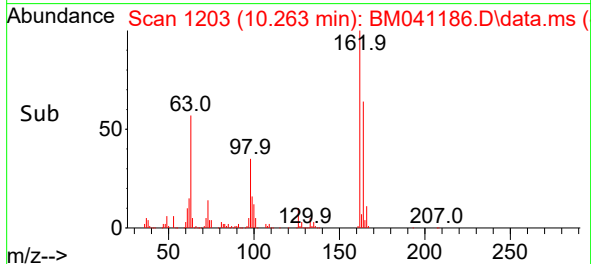
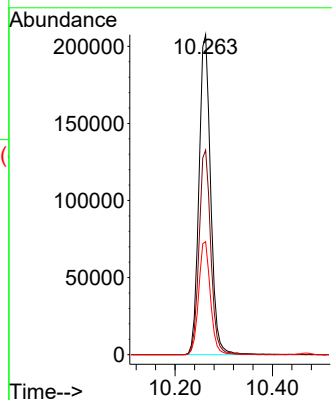
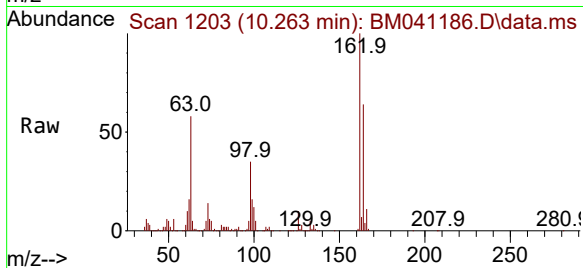
Tgt Ion:162 Resp: 346946

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 35.3 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 42.897 ng

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

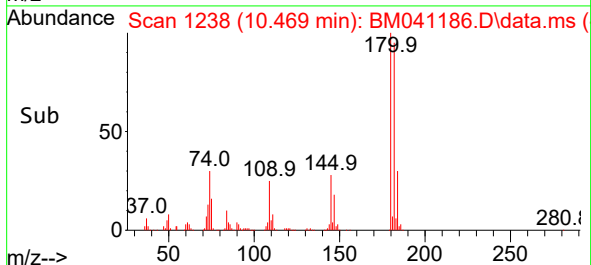
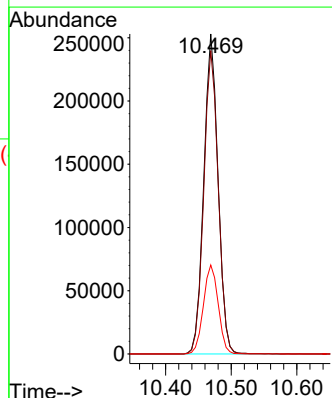
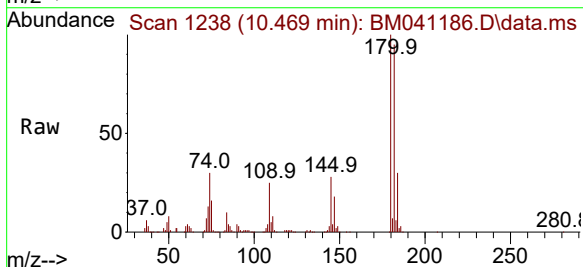
Tgt Ion:180 Resp: 383687

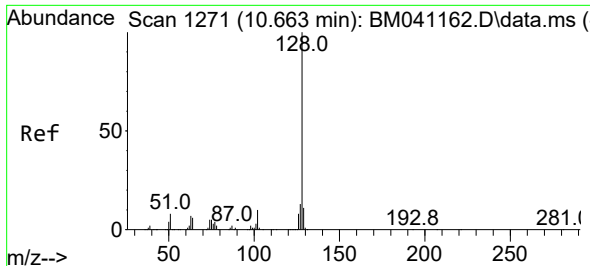
Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 27.8 23.6 35.4

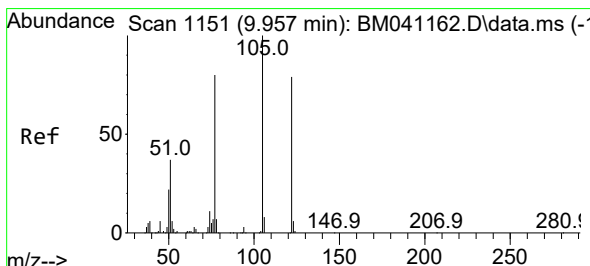
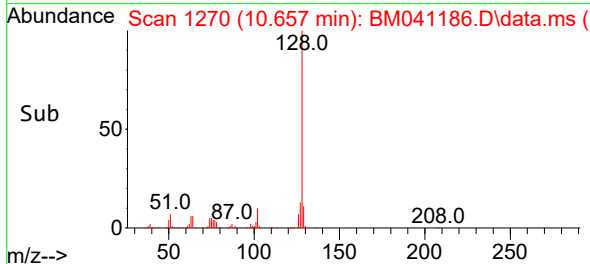
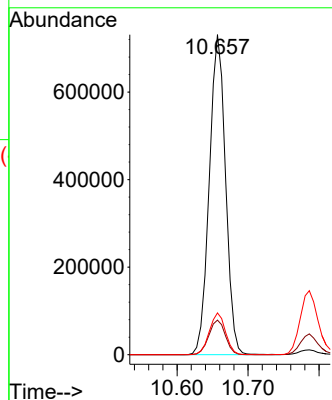
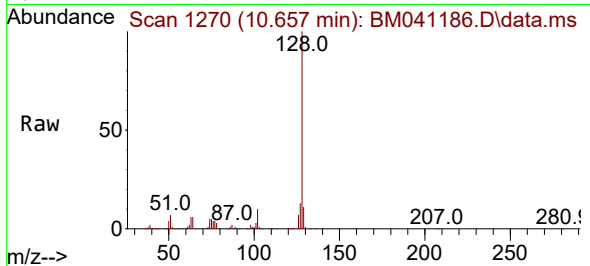




#31
Naphthalene
Concen: 39.897 ng
RT: 10.657 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

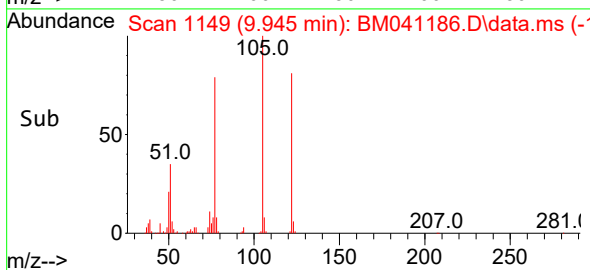
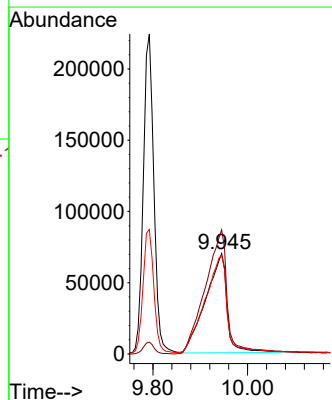
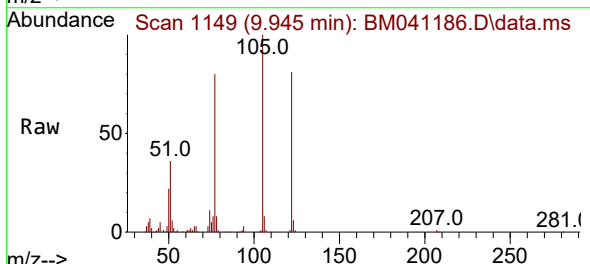
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

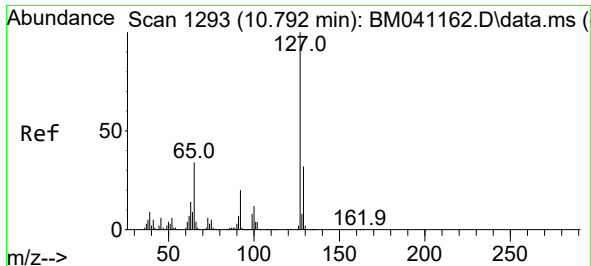
Tgt Ion:128 Resp: 1161893
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 38.088 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:122 Resp: 219174
Ion Ratio Lower Upper
122 100
105 123.8 104.0 144.0
77 98.8 79.9 119.9

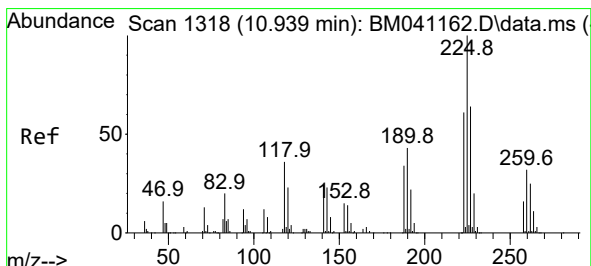
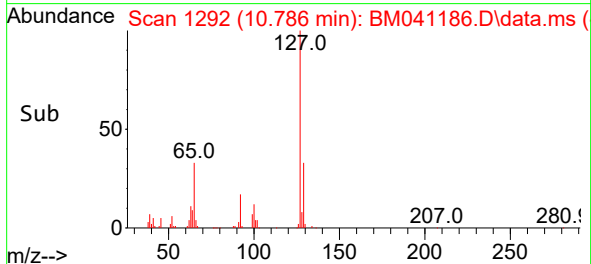
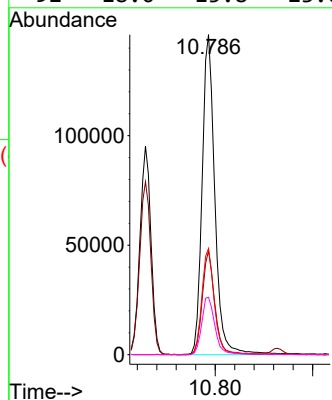
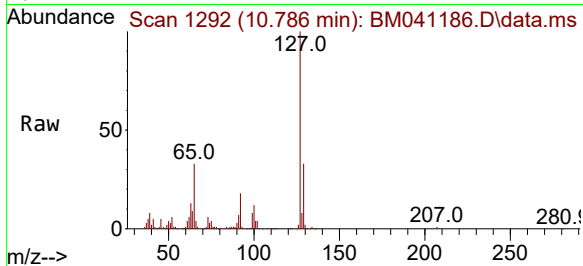




#33
4-Chloroaniline
Concen: 22.869 ng
RT: 10.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

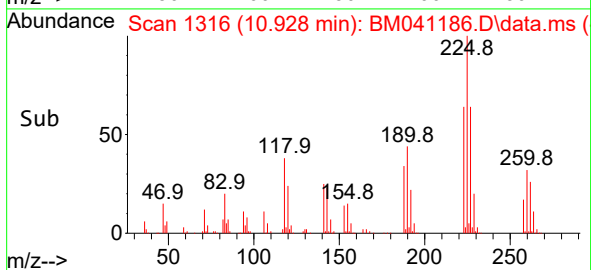
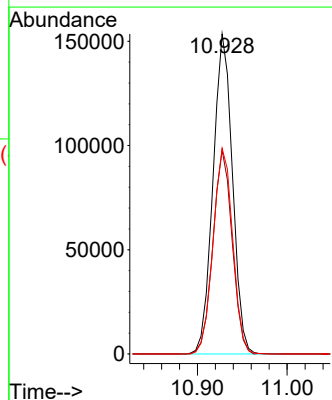
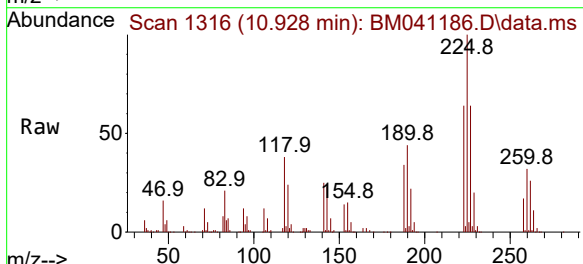
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

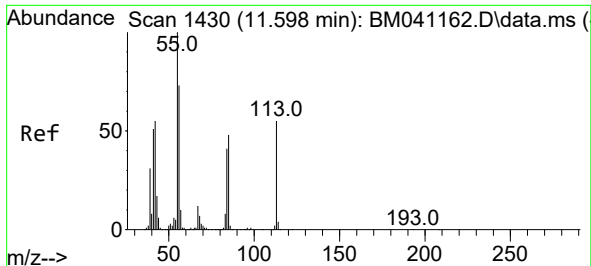
Tgt Ion:	127	Resp:	266155
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	33.2	26.9	40.3
92	18.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 42.886 ng
RT: 10.928 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:	225	Resp:	230702
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.4
227	64.3	50.8	76.2

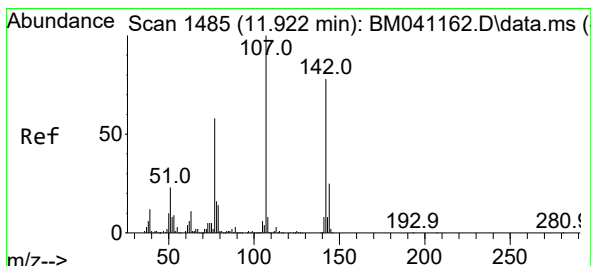
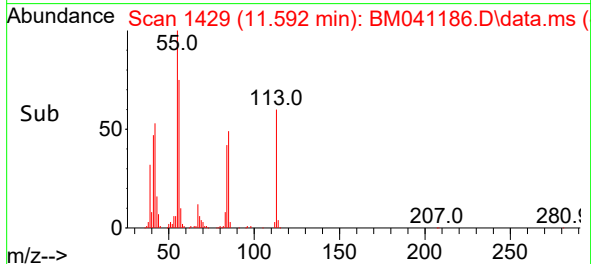
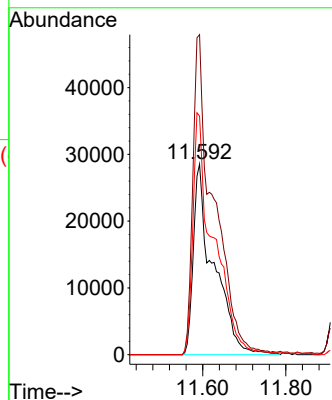
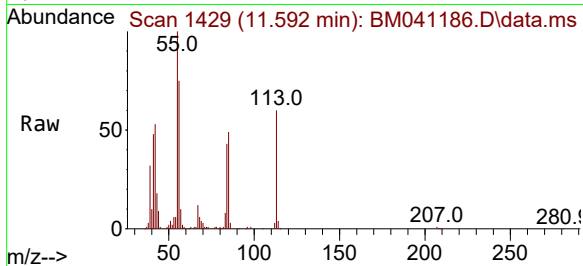




#35
Caprolactam
Concen: 40.939 ng
RT: 11.592 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

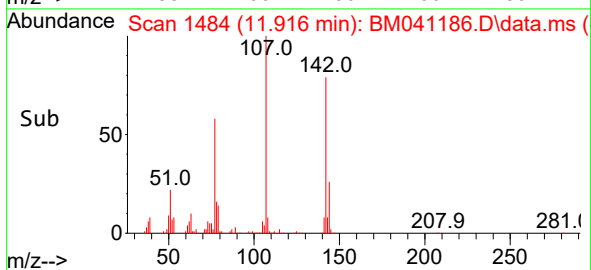
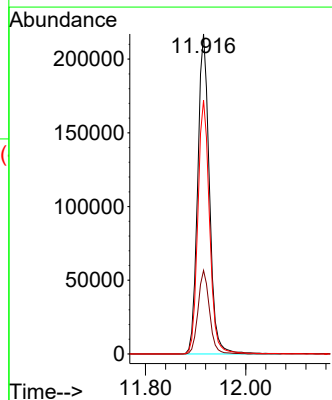
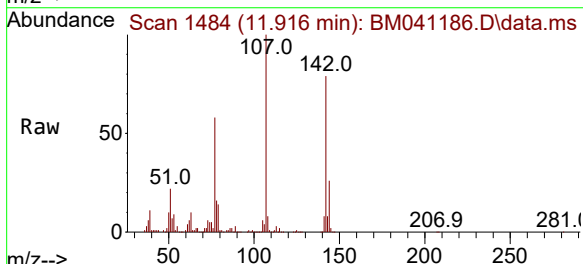
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

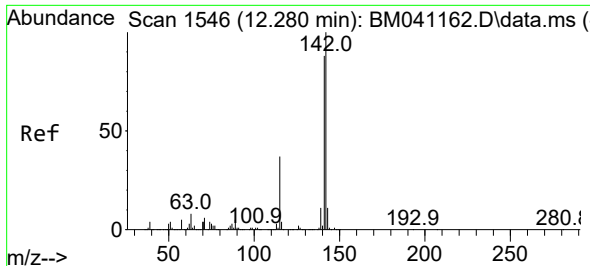
Tgt Ion:113 Resp: 95875
Ion Ratio Lower Upper
113 100
55 167.9 162.5 202.5
56 125.1 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 41.167 ng
RT: 11.916 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:107 Resp: 350777
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 79.3 62.2 93.4

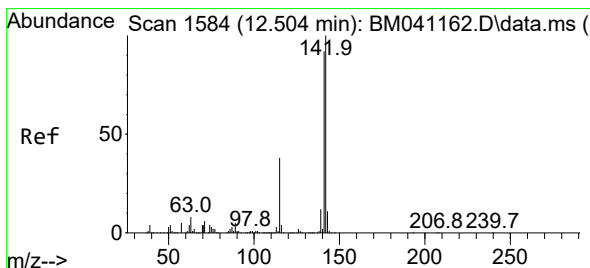
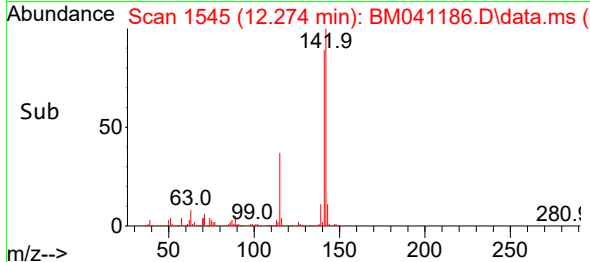
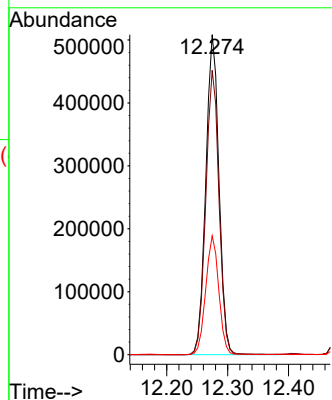
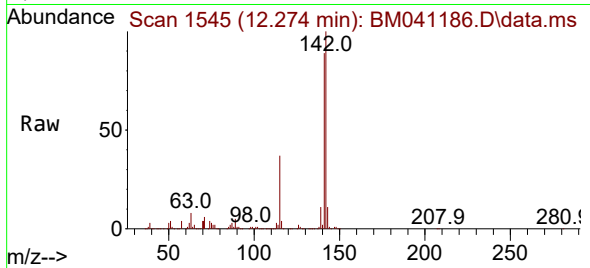




#37
2-Methylnaphthalene
Concen: 38.933 ng
RT: 12.274 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

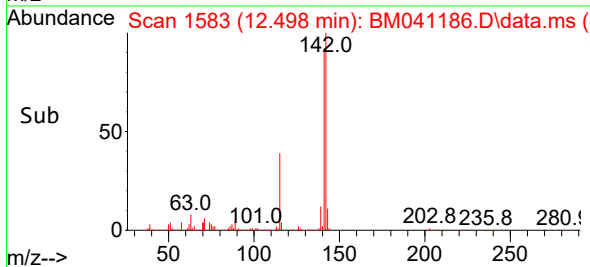
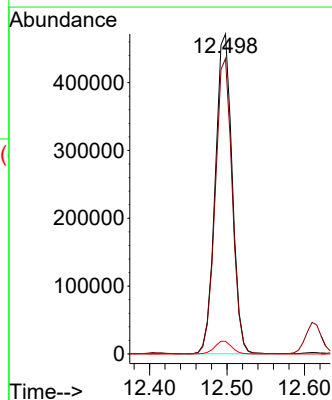
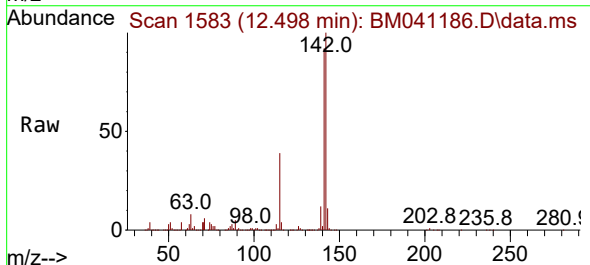
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

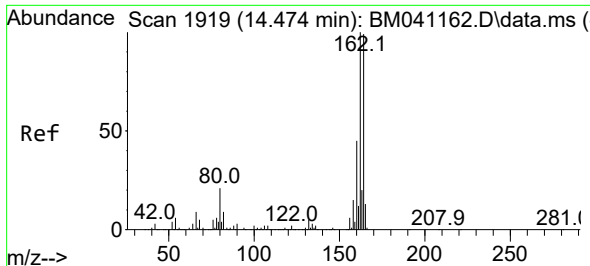
Tgt Ion:142 Resp: 764395
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1
115 37.1 29.3 43.9



#38
1-Methylnaphthalene
Concen: 38.863 ng
RT: 12.498 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:142 Resp: 714153
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2
116 4.0 3.2 4.8

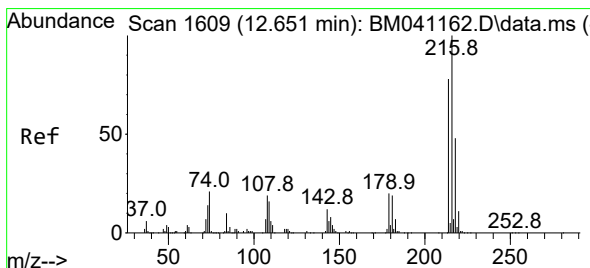
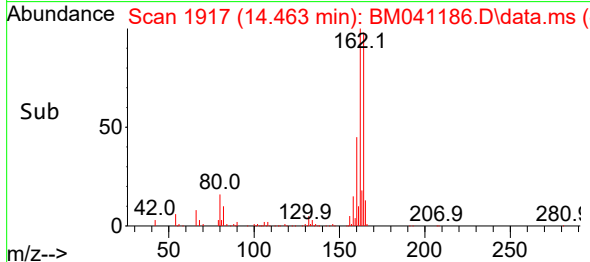
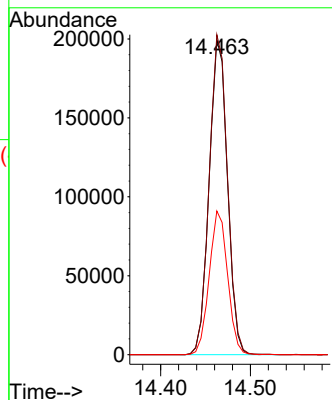
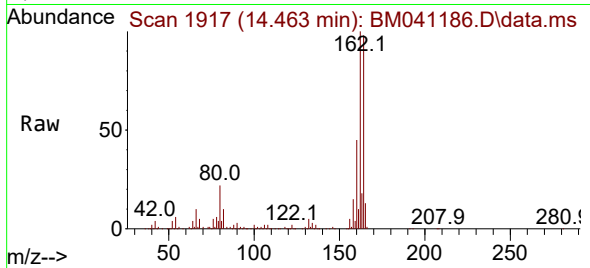




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

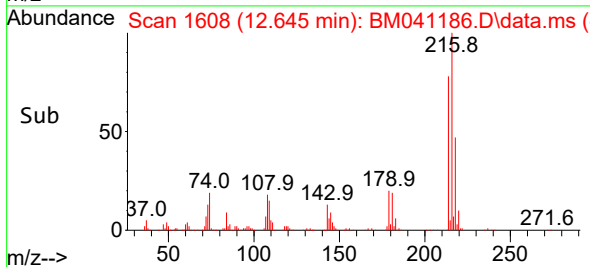
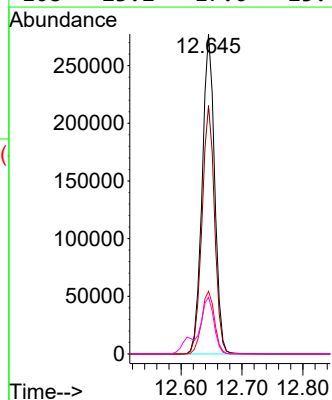
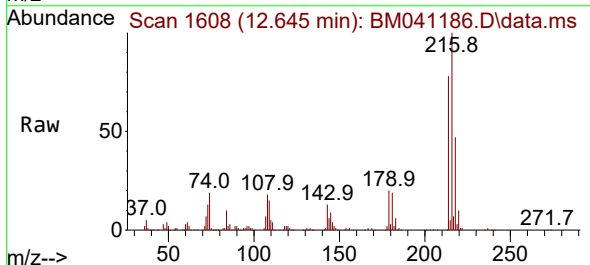
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

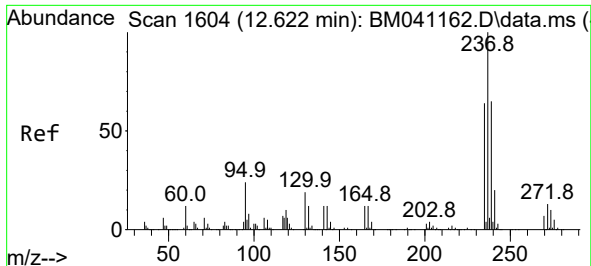
Tgt Ion:164 Resp: 281972
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 45.6 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.053 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:216 Resp: 394195
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 20.2 16.2 24.2
108 23.2 17.0 25.4

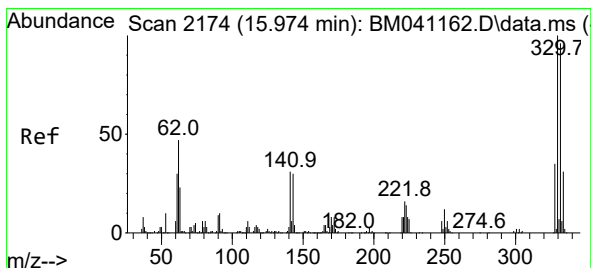
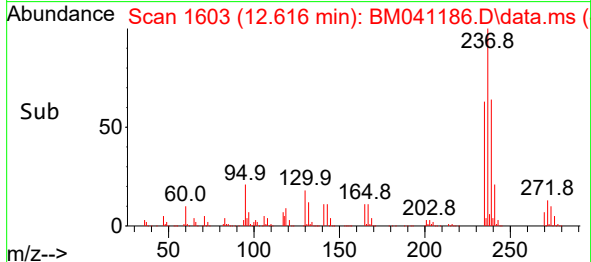
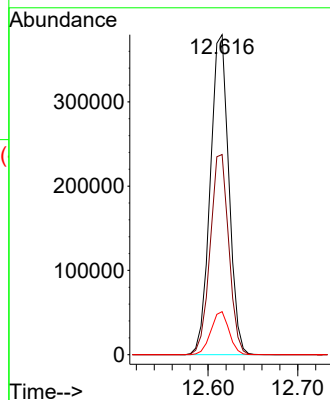
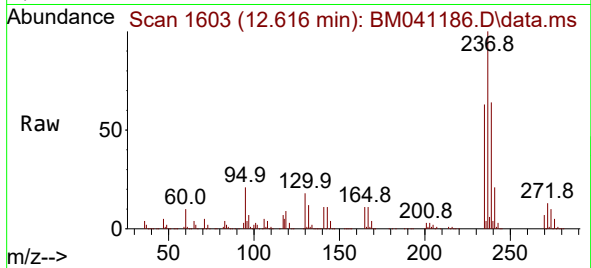




#41
Hexachlorocyclopentadiene
Concen: 112.416 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

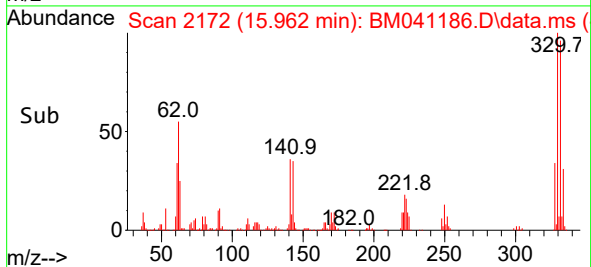
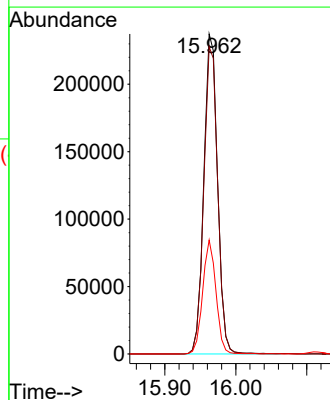
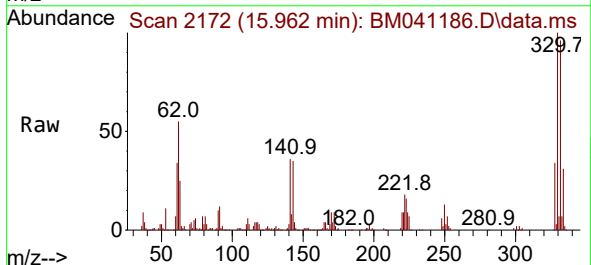
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

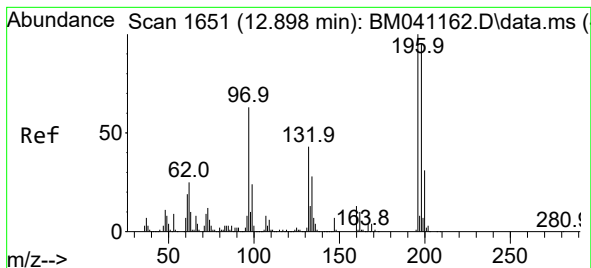
Tgt Ion:237 Resp: 544533
Ion Ratio Lower Upper
237 100
235 62.5 43.6 83.6
272 13.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 80.218 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:330 Resp: 319937
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 34.5 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 44.132 ng

RT: 12.892 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

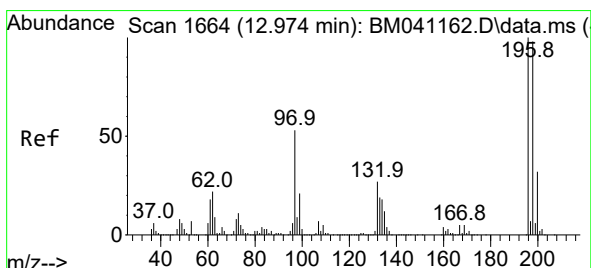
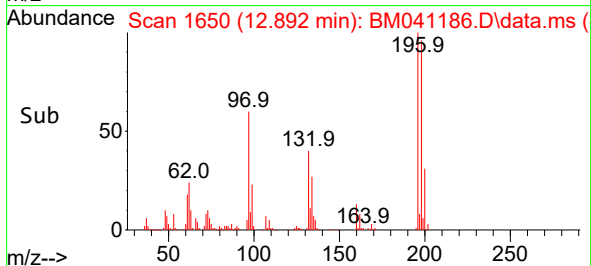
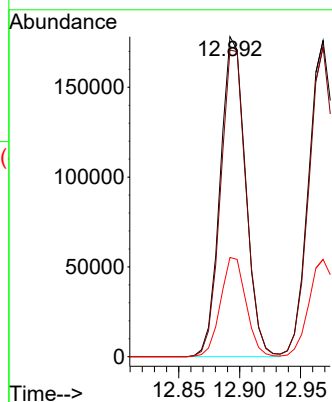
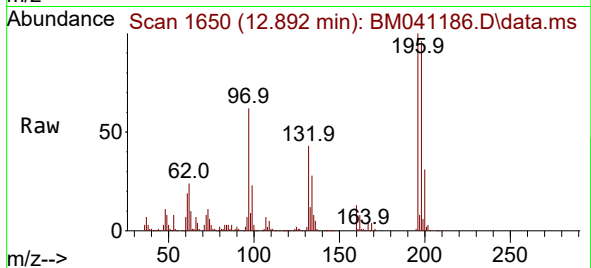
Tgt Ion:196 Resp: 258986

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.4

200 31.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 40.871 ng

RT: 12.969 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Tgt Ion:196 Resp: 277604

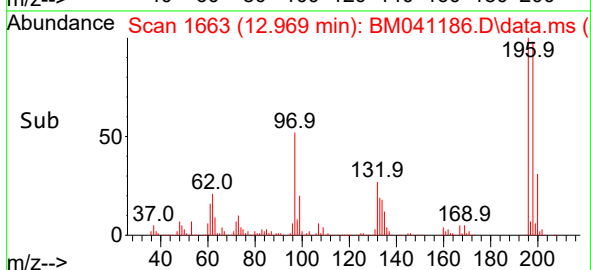
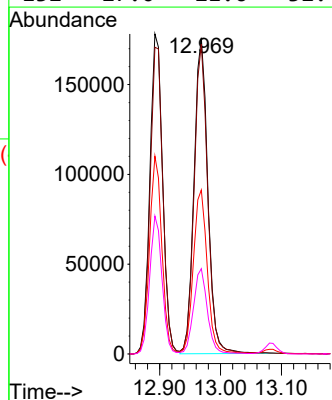
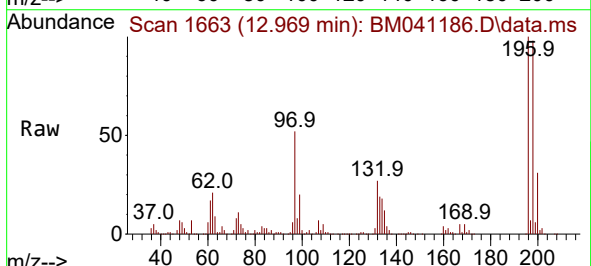
Ion Ratio Lower Upper

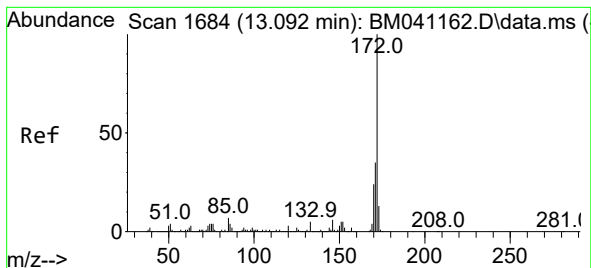
196 100

198 98.0 78.2 117.4

97 51.9 42.7 64.1

132 27.0 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 81.344 ng

RT: 13.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

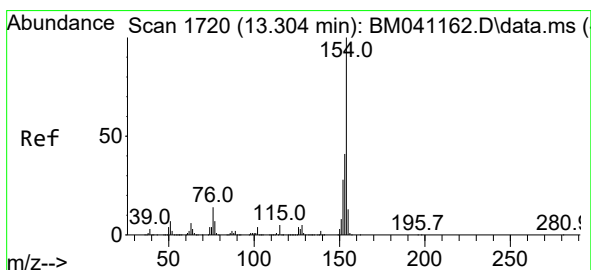
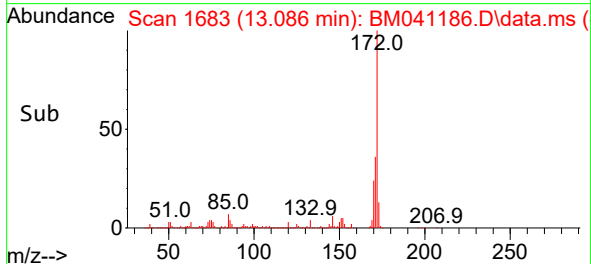
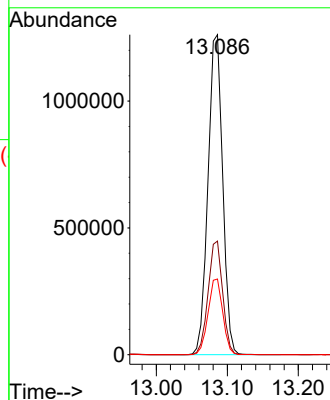
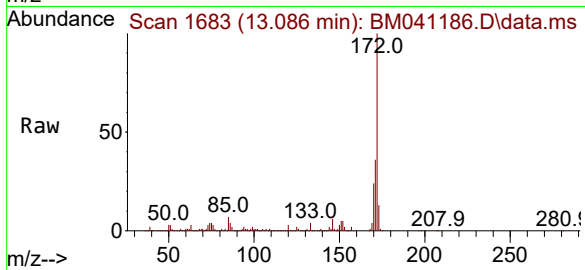
Tgt Ion:172 Resp: 1815699

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.445 ng

RT: 13.292 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

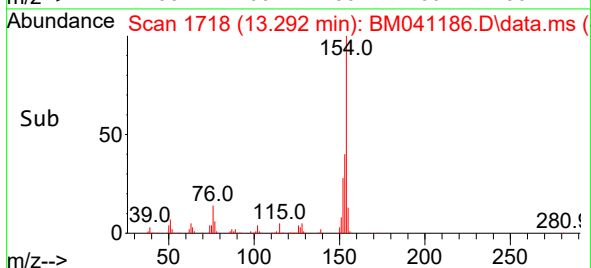
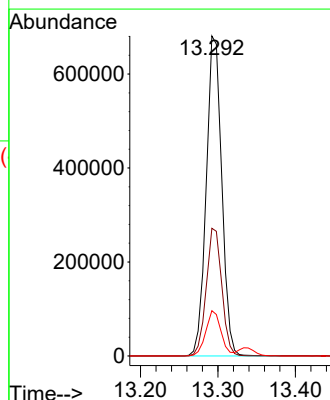
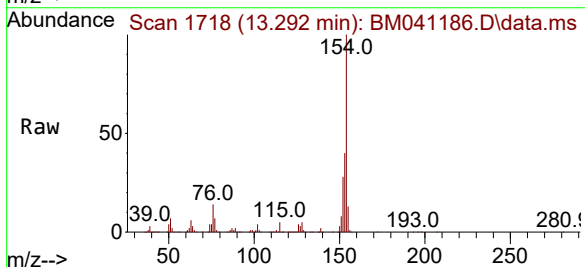
Tgt Ion:154 Resp: 947405

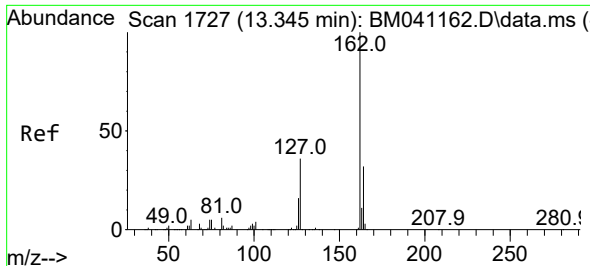
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

76 14.2 0.0 34.1

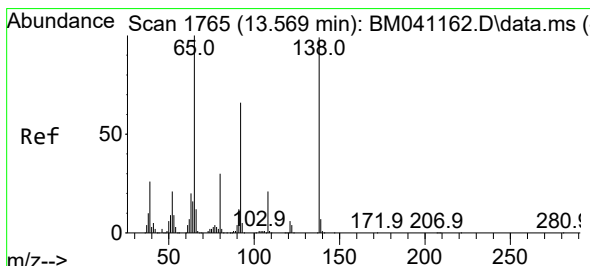
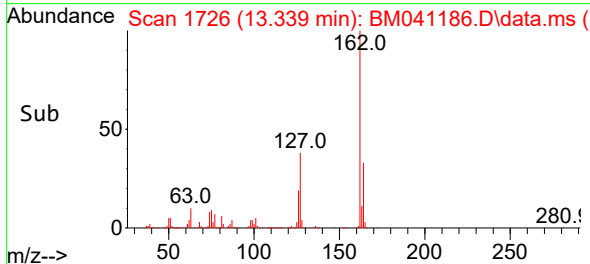
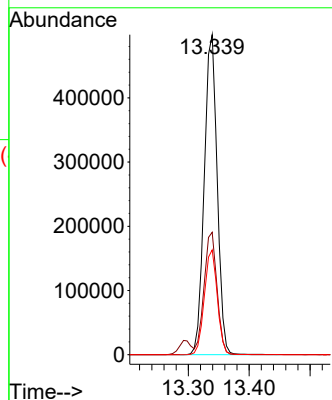
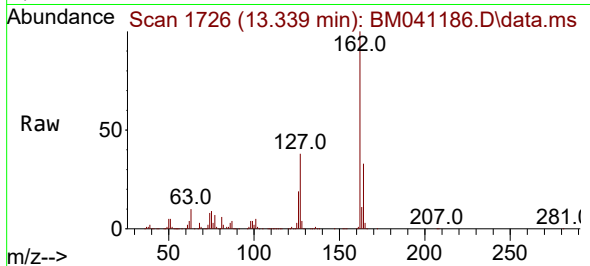




#47
2-Chloronaphthalene
Concen: 43.022 ng
RT: 13.339 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

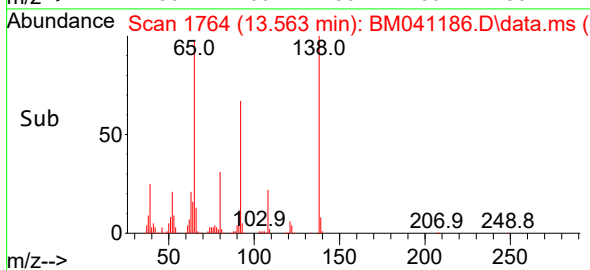
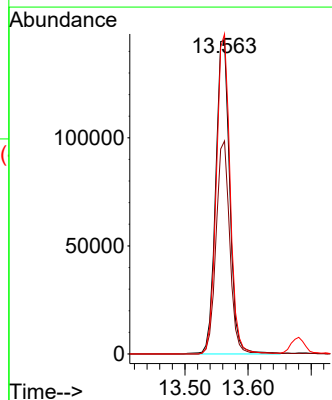
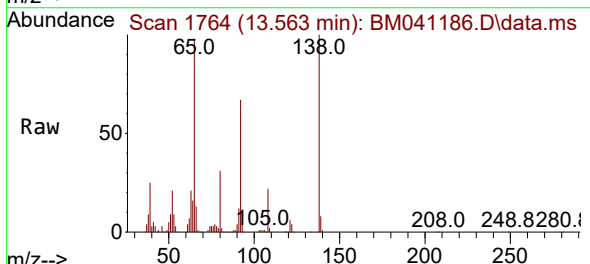
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

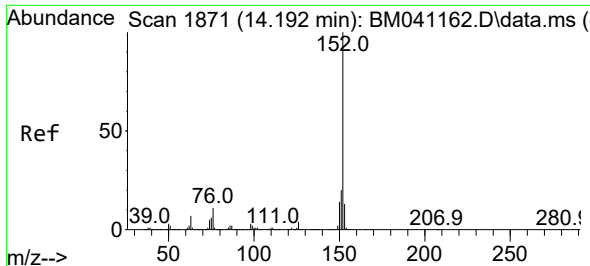
Tgt Ion:162 Resp: 734305
Ion Ratio Lower Upper
162 100
127 38.2 30.6 45.8
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 41.084 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 65 Resp: 223831
Ion Ratio Lower Upper
65 100
92 68.0 53.0 79.4
138 102.1 79.1 118.7

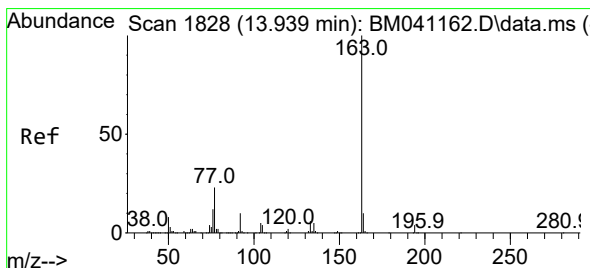
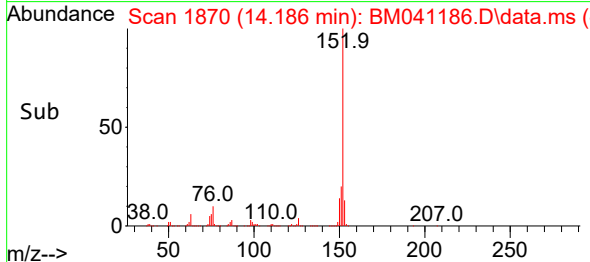
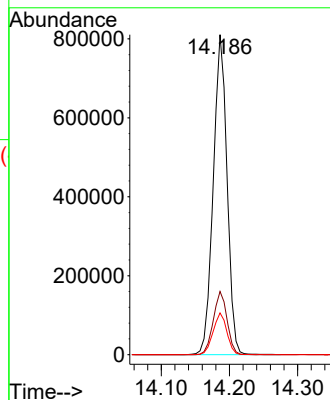
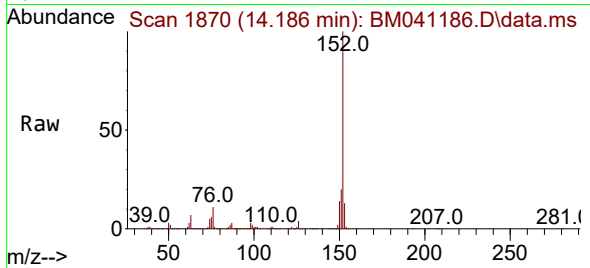




#49
Acenaphthylene
Concen: 41.451 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

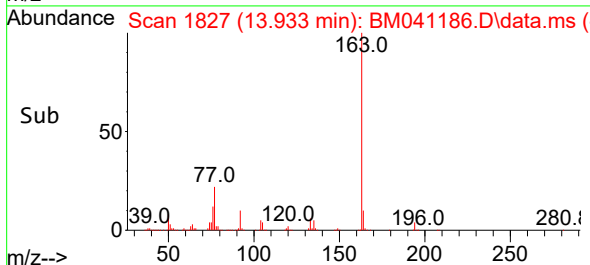
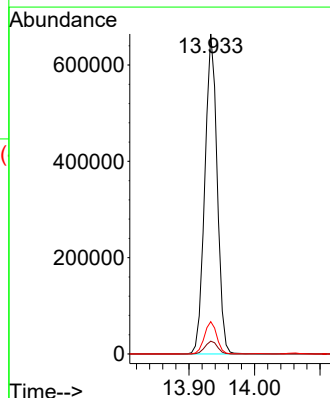
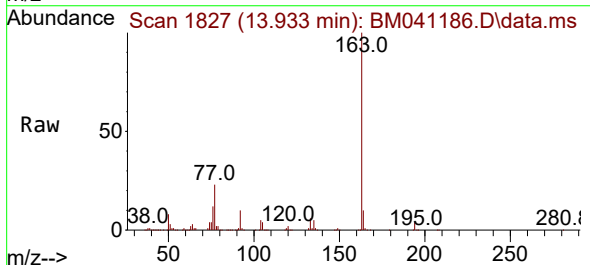
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

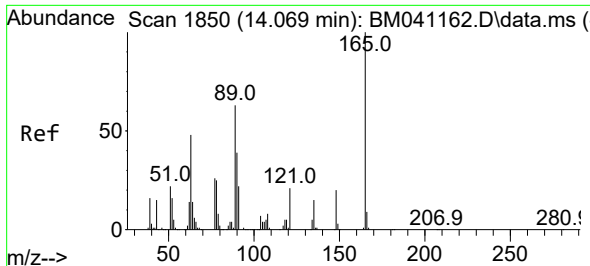
Tgt Ion:152 Resp: 1141957
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 41.027 ng
RT: 13.933 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:163 Resp: 870205
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 42.666 ng

RT: 14.063 min Scan# 1850

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

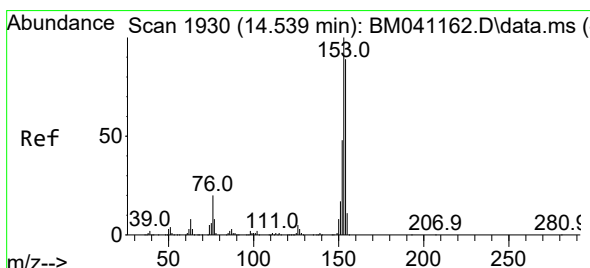
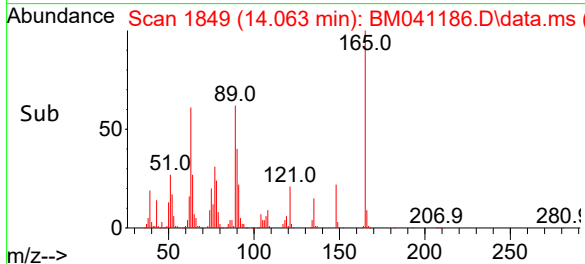
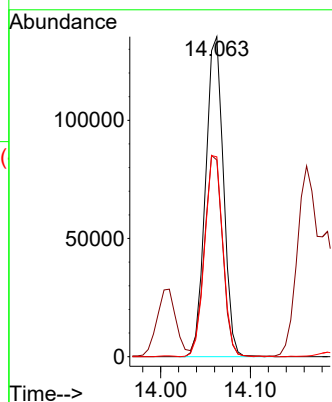
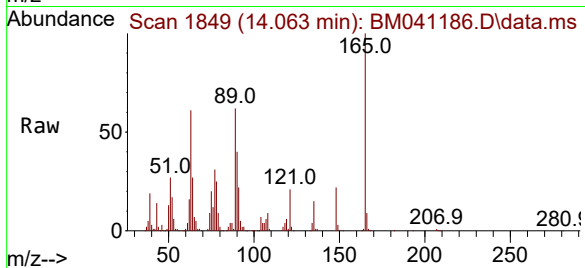
Tgt Ion:165 Resp: 187510

Ion Ratio Lower Upper

165 100

63 61.4 50.9 76.3

89 62.5 50.6 76.0



#52

Acenaphthene

Concen: 41.142 ng

RT: 14.527 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

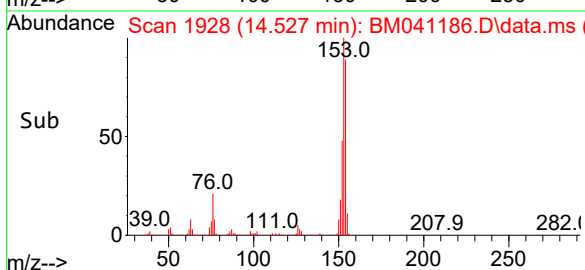
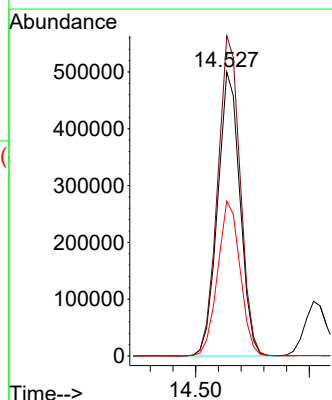
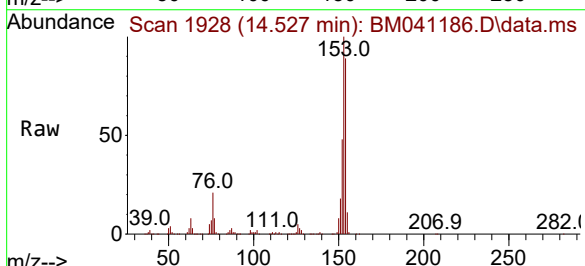
Tgt Ion:154 Resp: 682818

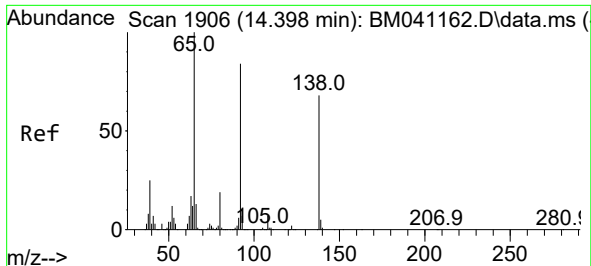
Ion Ratio Lower Upper

154 100

153 112.7 90.2 135.4

152 54.6 43.4 65.0

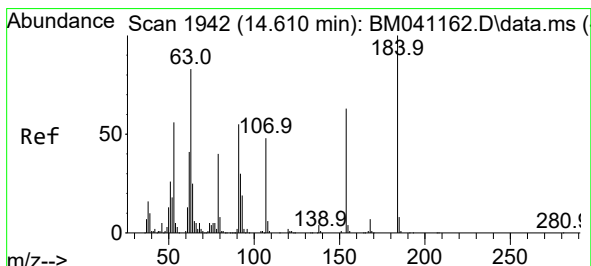
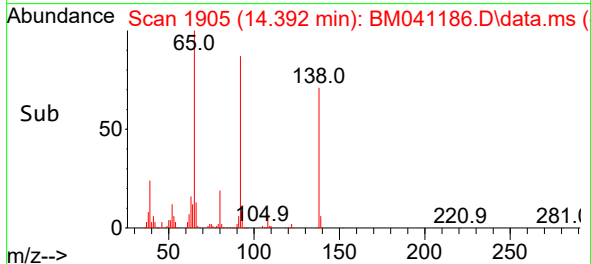
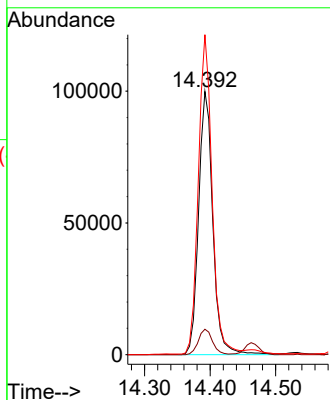
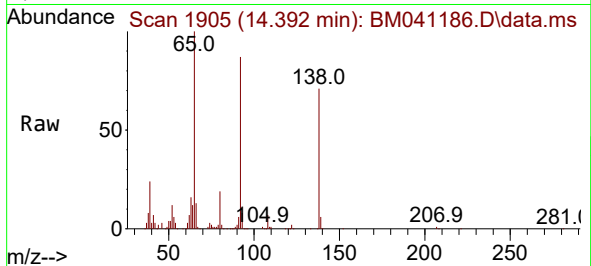




#53
3-Nitroaniline
Concen: 30.705 ng
RT: 14.392 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

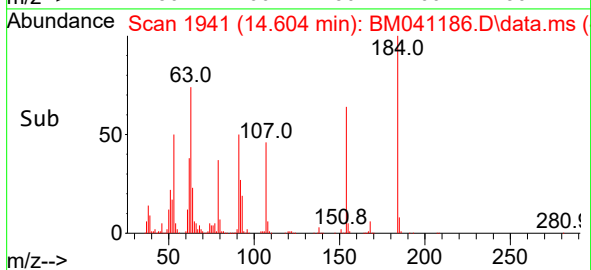
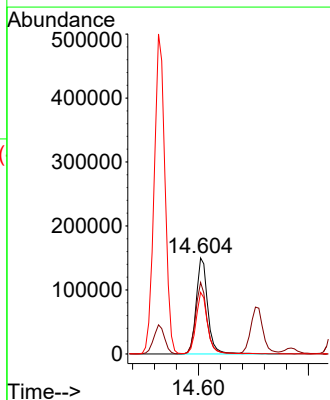
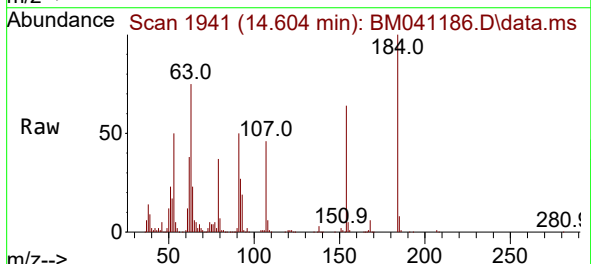
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

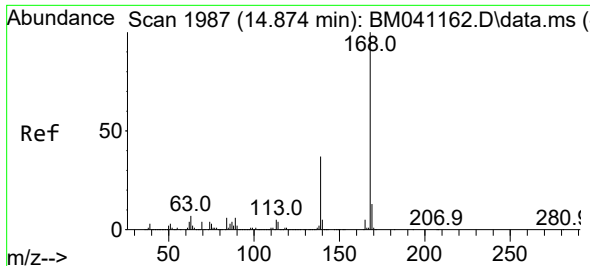
Tgt Ion:138 Resp: 151160
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 121.6 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 74.065 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:184 Resp: 218426
Ion Ratio Lower Upper
184 100
63 74.5 66.5 99.7
154 64.1 52.8 79.2

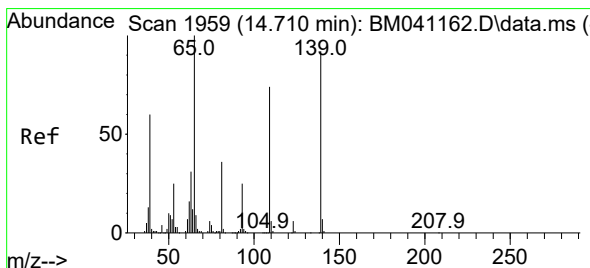
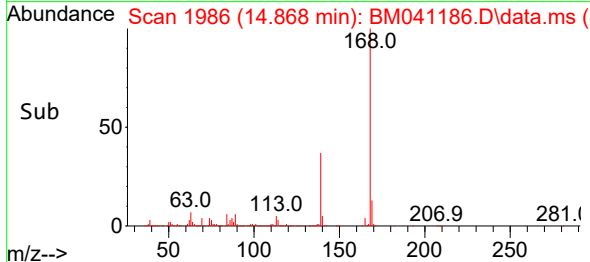
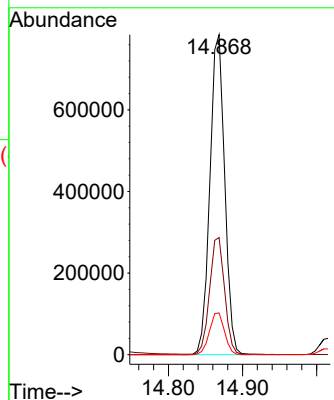
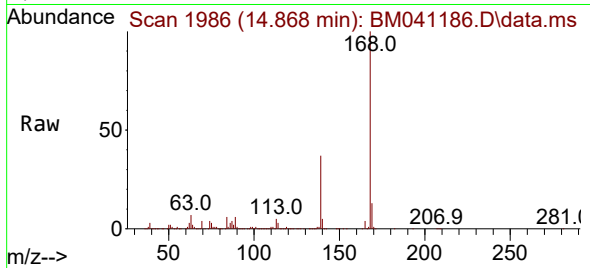




#55
Dibenzenofuran
Concen: 40.154 ng
RT: 14.868 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

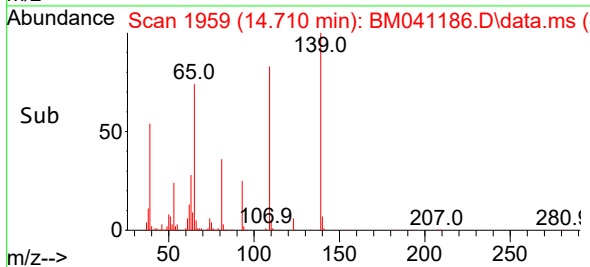
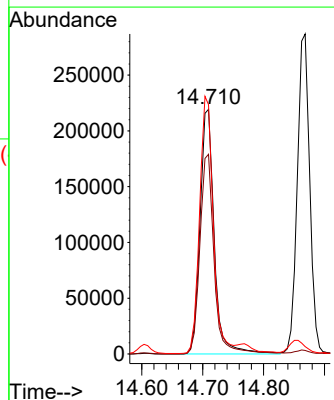
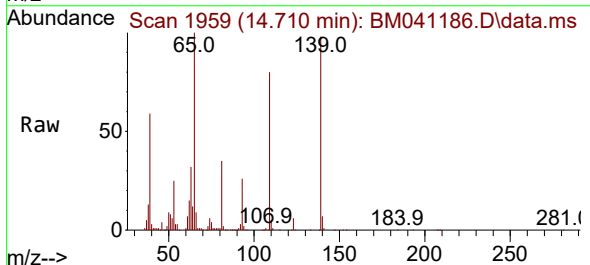
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

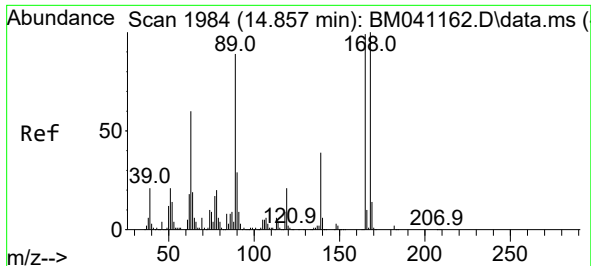
Tgt Ion:168 Resp: 1087284
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.6
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 97.172 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:139 Resp: 355915
Ion Ratio Lower Upper
139 100
109 81.6 61.2 101.2
65 101.9 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 40.285 ng

RT: 14.851 min Scan# 1983

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

Tgt Ion:165 Resp: 249981

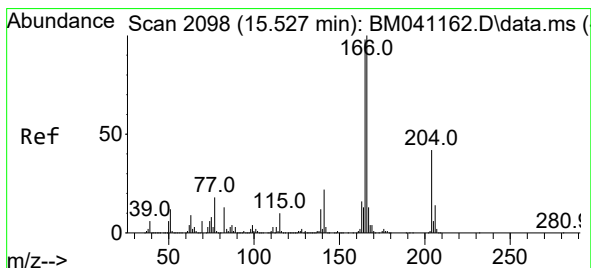
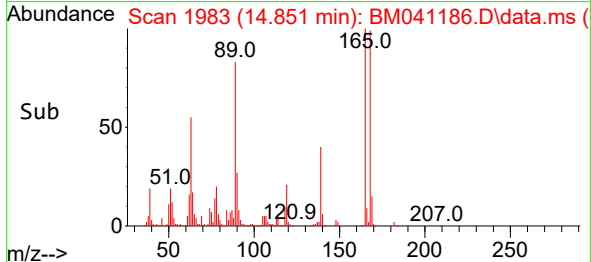
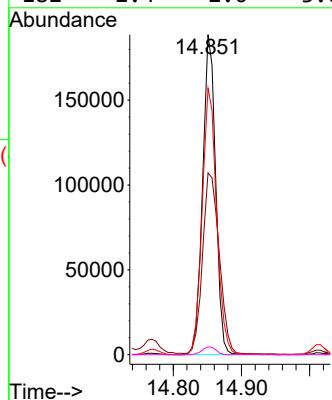
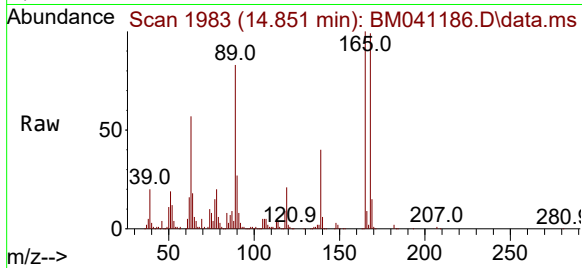
Ion Ratio Lower Upper

165 100

63 56.8 48.3 72.5

89 83.2 71.8 107.8

182 2.4 2.0 3.0



#58

Fluorene

Concen: 40.604 ng

RT: 15.521 min Scan# 2097

Delta R.T. 0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

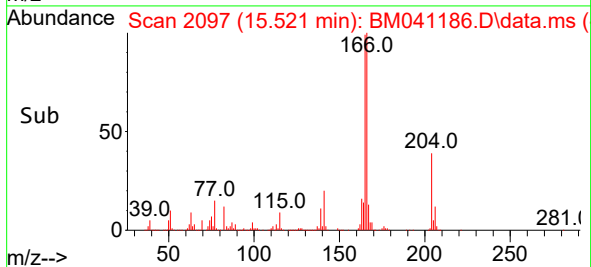
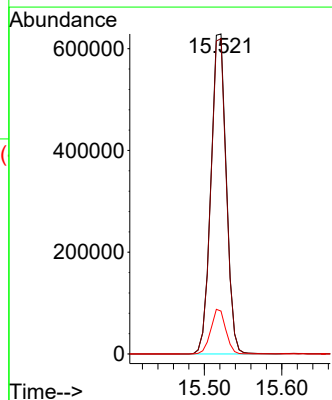
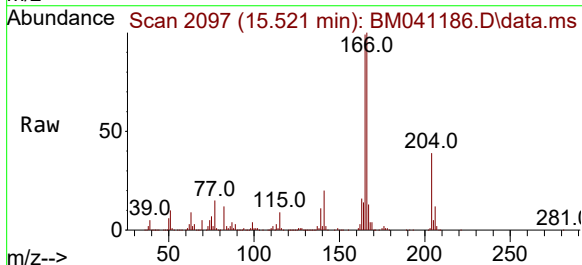
Tgt Ion:166 Resp: 867367

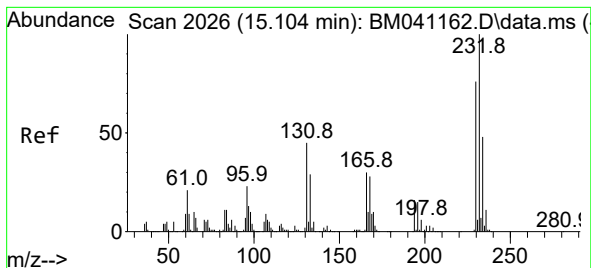
Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

167 13.4 10.6 16.0

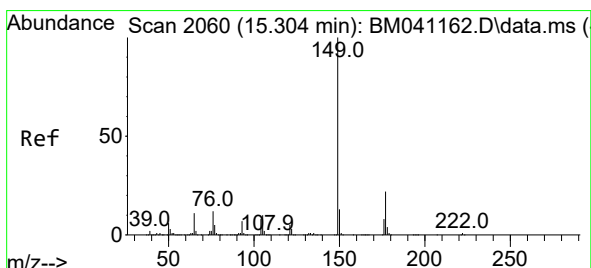
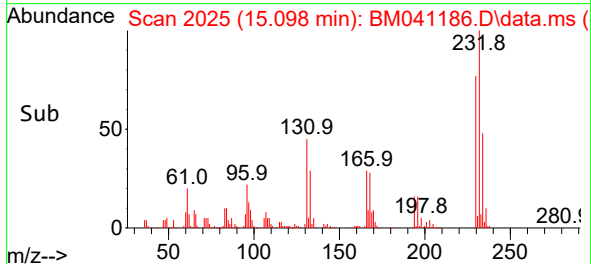
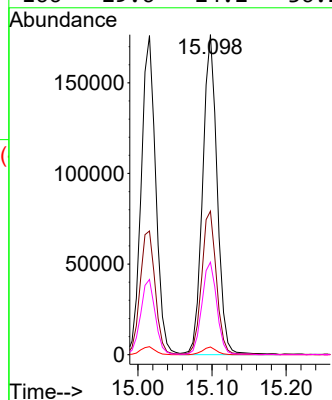
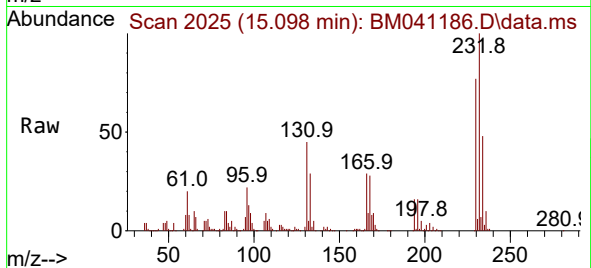




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.867 ng
RT: 15.098 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

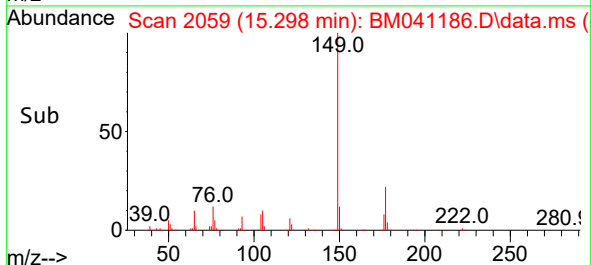
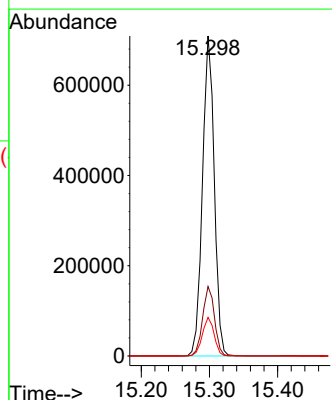
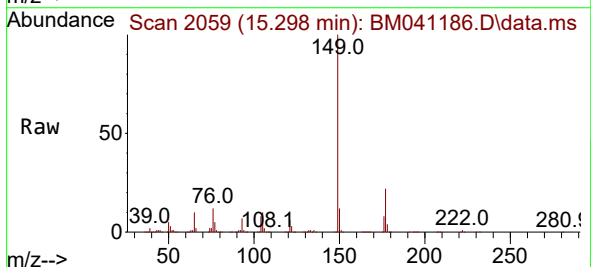
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

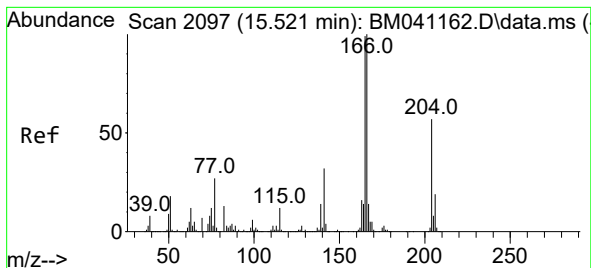
Tgt Ion:232 Resp: 241278
Ion Ratio Lower Upper
232 100
131 45.2 36.9 55.3
130 2.3 2.0 3.0
166 29.6 24.2 36.2



#60
Diethylphthalate
Concen: 41.547 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:149 Resp: 852202
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.0 10.1 15.1

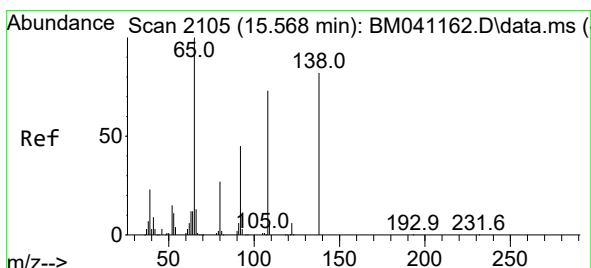
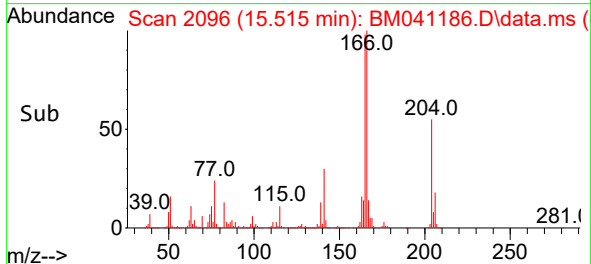
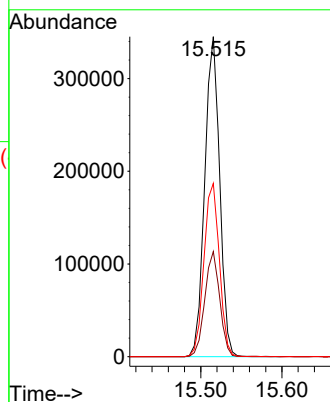
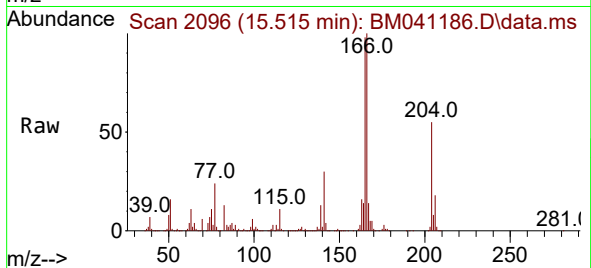




#61
4-Chlorophenyl-phenylether
Concen: 41.088 ng
RT: 15.515 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

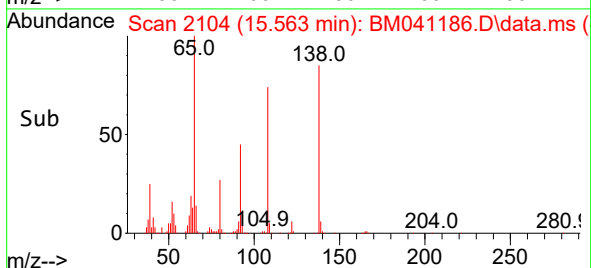
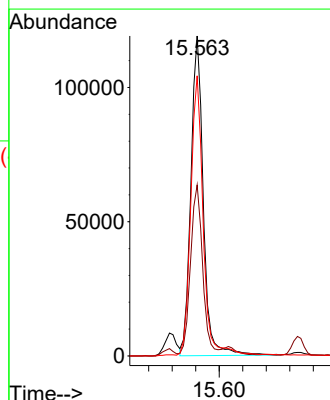
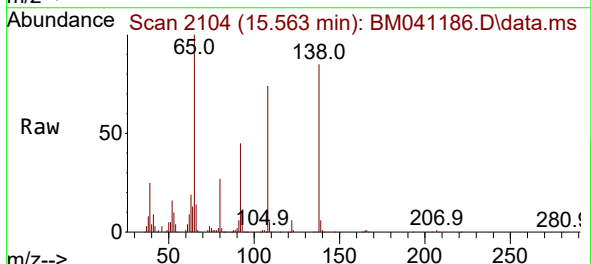
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

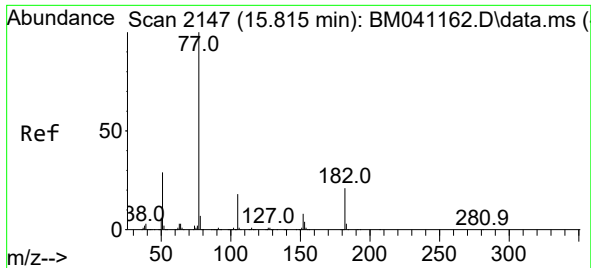
Tgt Ion:204 Resp: 439822
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 54.2 44.8 67.2



#62
4-Nitroaniline
Concen: 38.272 ng
RT: 15.563 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:138 Resp: 175082
Ion Ratio Lower Upper
138 100
92 53.5 35.1 75.1
108 87.5 67.8 107.8

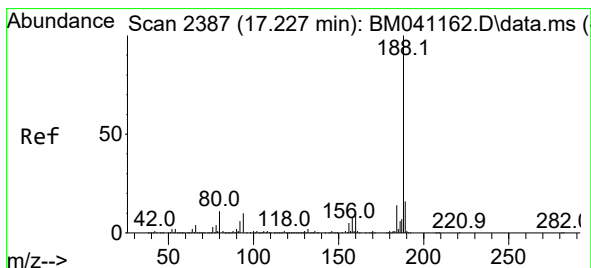
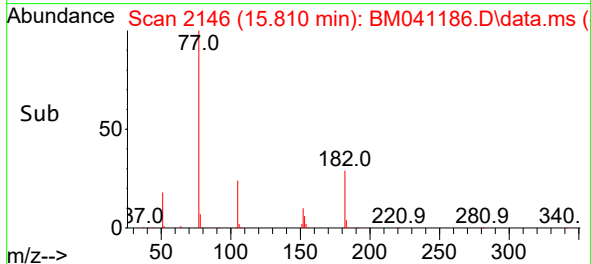
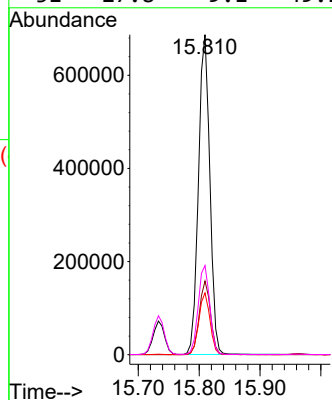
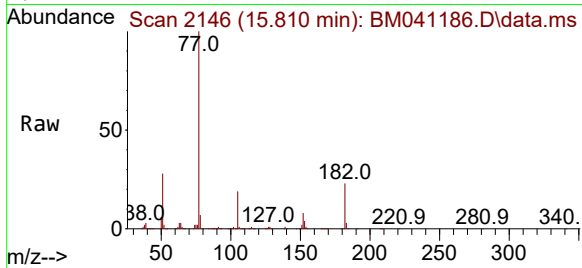




#63
 Azobenzene
 Concen: 39.611 ng
 RT: 15.810 min Scan# 2147
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

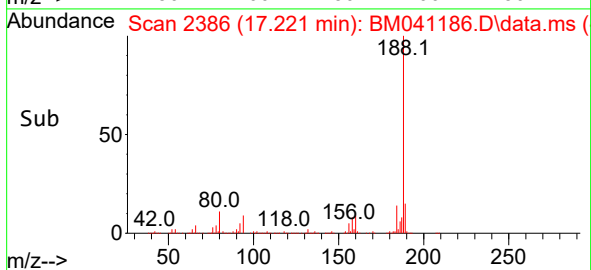
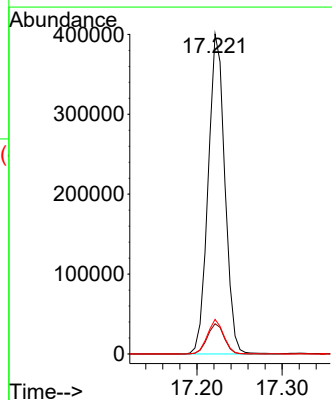
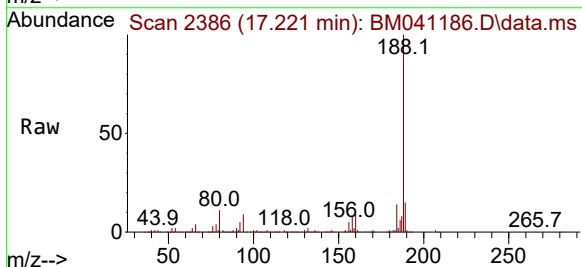
Instrument :
 BNA_M
 ClientSampleId :
 PB154262BSD

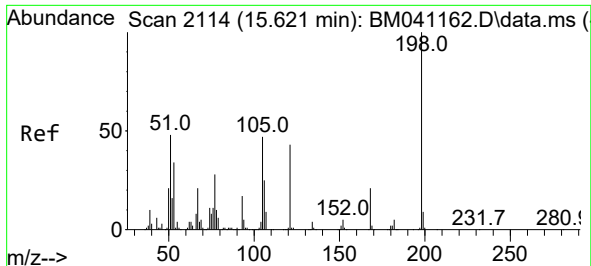
Tgt Ion: 77	Resp: 889982
Ion Ratio	Lower Upper
77 100	
182 23.0	1.3 41.3
105 19.3	0.0 38.5
51 27.8	9.1 49.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.221 min Scan# 2386
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

Tgt Ion: 188	Resp: 545269
Ion Ratio	Lower Upper
188 100	
94 9.5	8.2 12.2
80 10.8	8.6 13.0

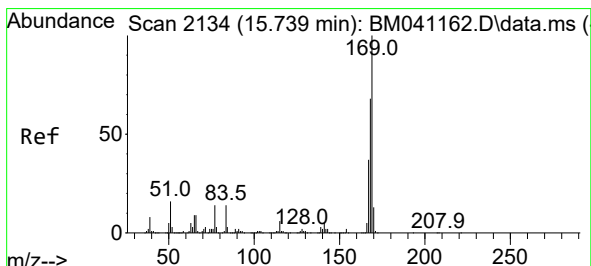
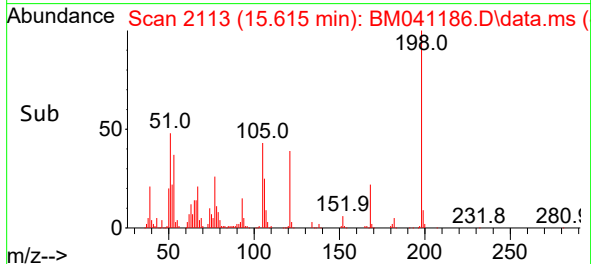
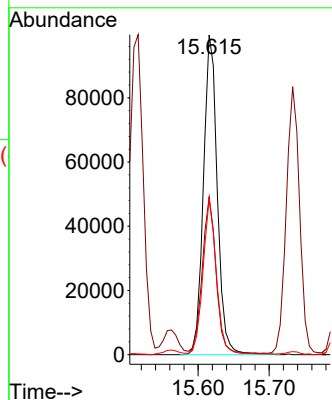
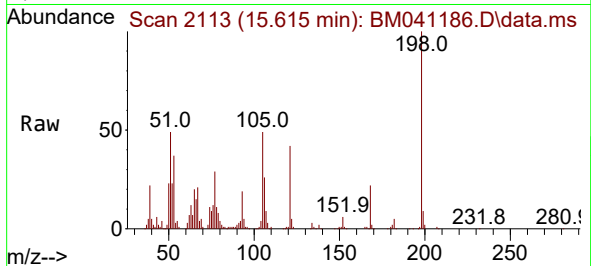




#65
4,6-Dinitro-2-methylphenol
Concen: 41.014 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

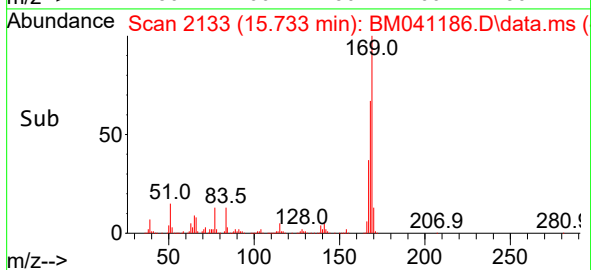
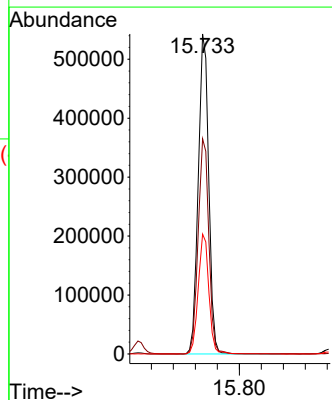
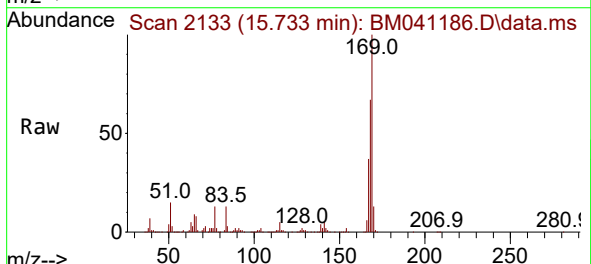
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

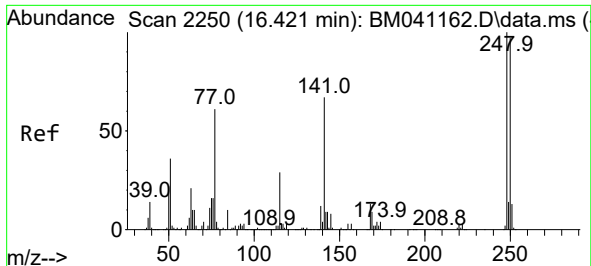
Tgt Ion:198 Resp: 135477
Ion Ratio Lower Upper
198 100
51 49.3 31.7 71.7
105 48.7 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 42.377 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:169 Resp: 718642
Ion Ratio Lower Upper
169 100
168 67.3 54.6 81.8
167 37.5 29.9 44.9

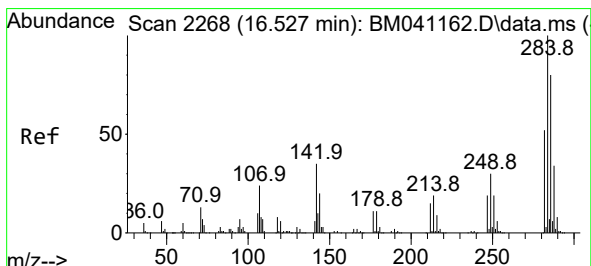
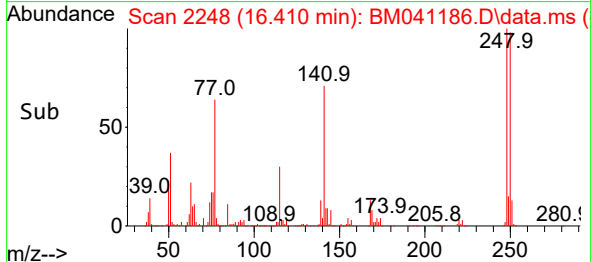
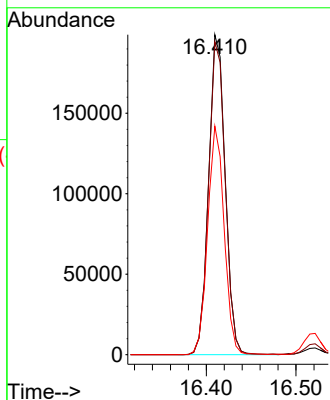
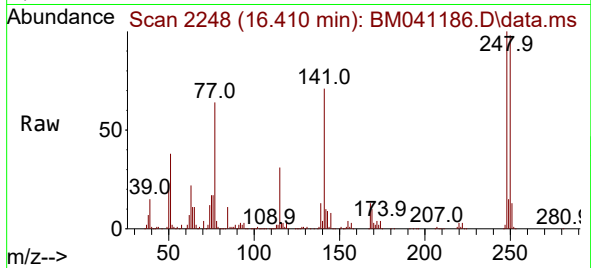




#67
4-Bromophenyl-phenylether
Concen: 42.775 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

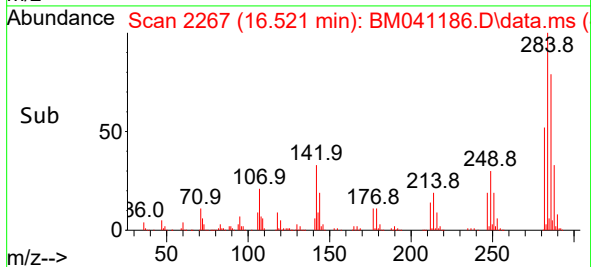
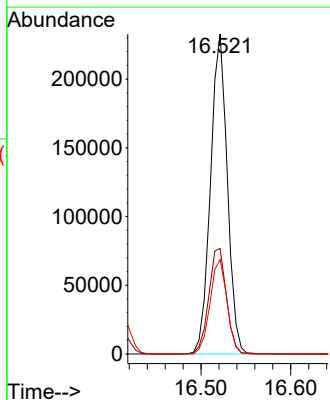
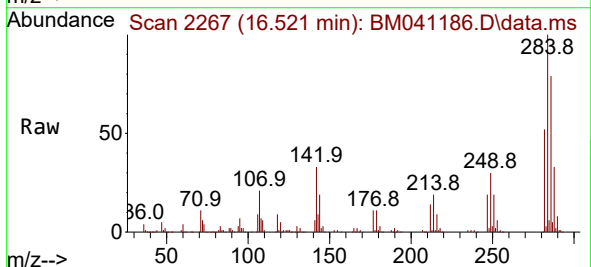
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

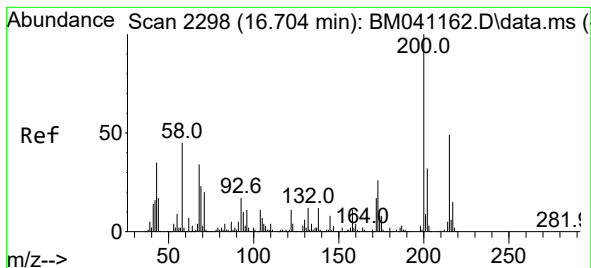
Tgt Ion:248 Resp: 255730
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 71.4 53.8 80.8



#68
Hexachlorobenzene
Concen: 45.449 ng
RT: 16.521 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:284 Resp: 302136
Ion Ratio Lower Upper
284 100
142 33.0 28.0 42.0
249 29.5 23.7 35.5





#69

Atrazine

Concen: 55.787 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

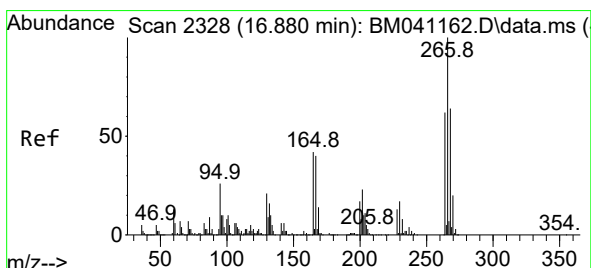
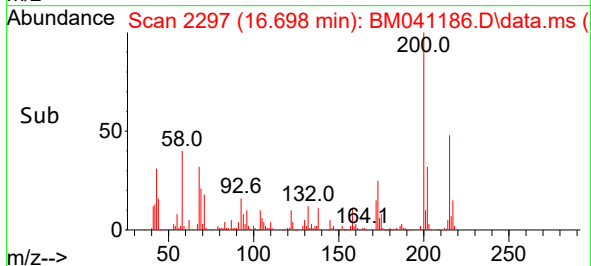
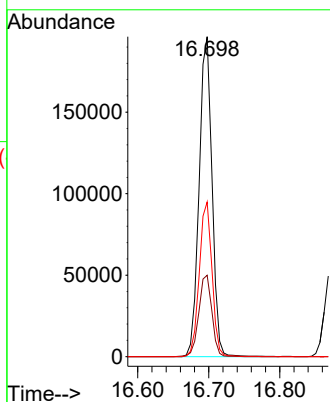
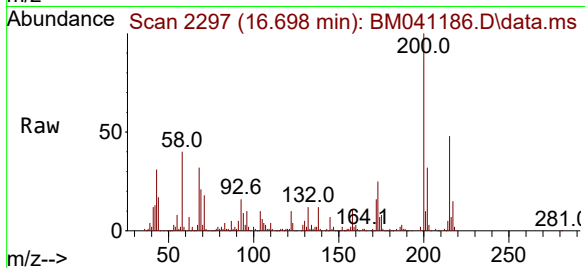
Tgt Ion:200 Resp: 248446

Ion Ratio Lower Upper

200 100

173 25.4 5.6 45.6

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 90.757 ng

RT: 16.874 min Scan# 2327

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

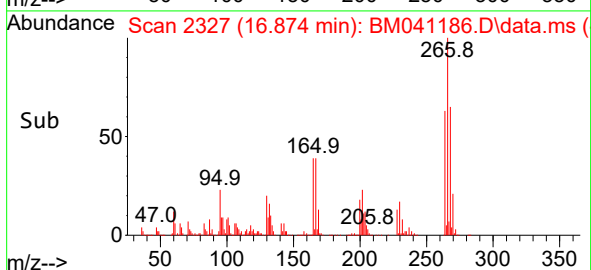
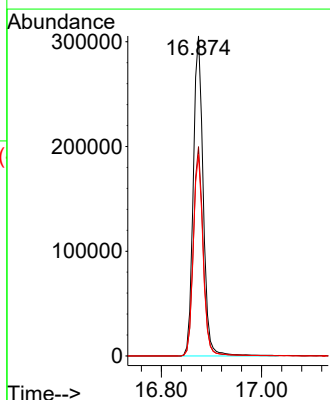
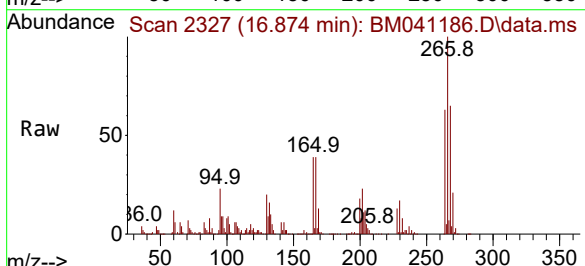
Tgt Ion:266 Resp: 417782

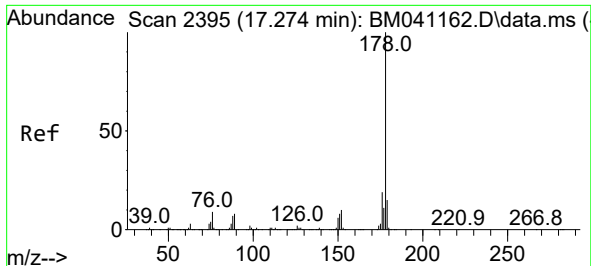
Ion Ratio Lower Upper

266 100

268 65.4 51.0 76.6

264 62.9 49.4 74.2

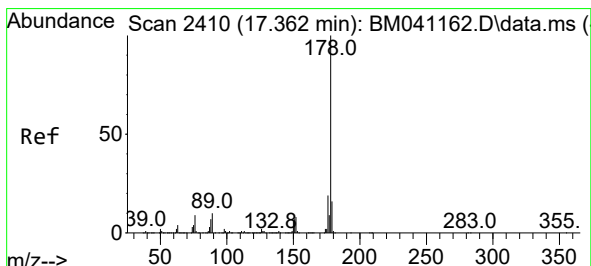
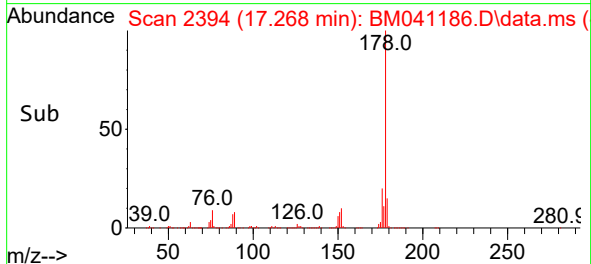
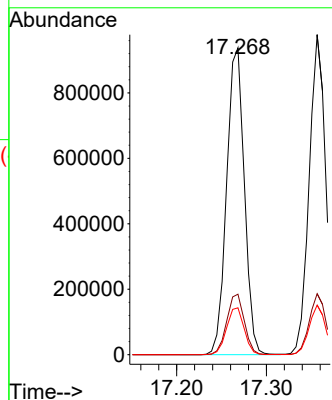
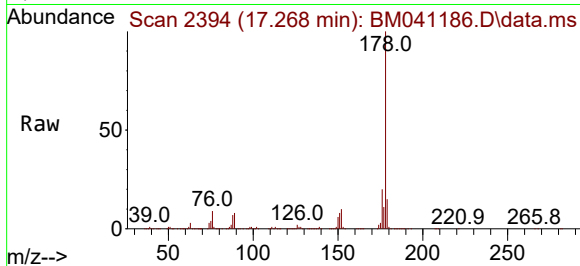




#71
Phenanthrene
Concen: 42.426 ng
RT: 17.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

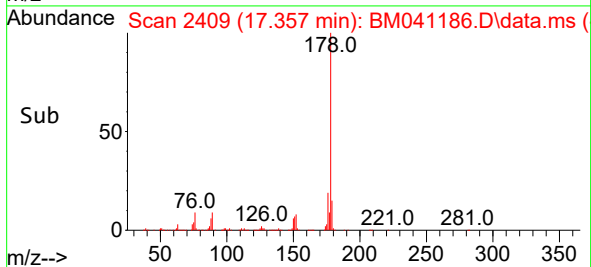
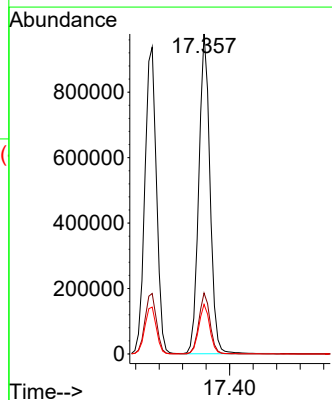
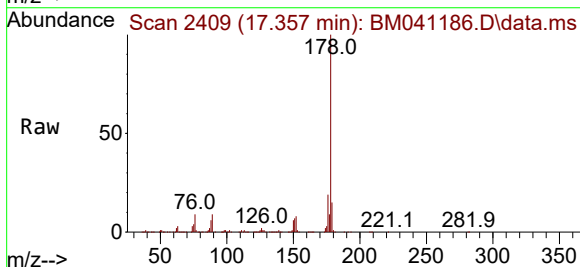
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

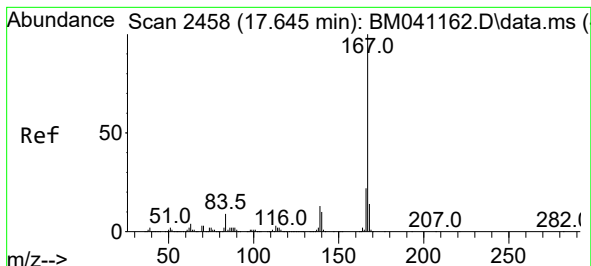
Tgt Ion:178 Resp: 1285321
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.3 12.1 18.1



#72
Anthracene
Concen: 43.014 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:178 Resp: 1288809
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.5 12.4 18.6





#73

Carbazole

Concen: 44.000 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

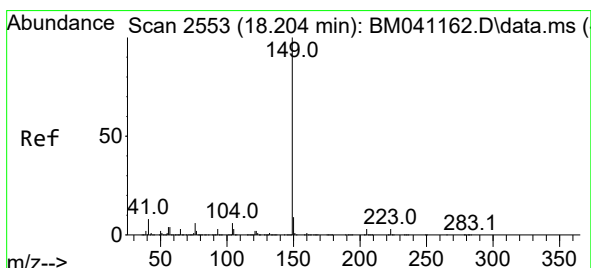
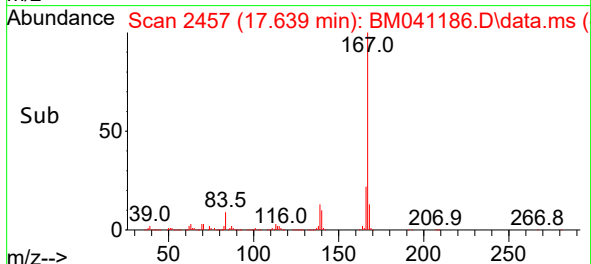
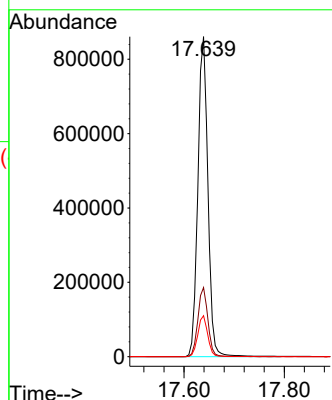
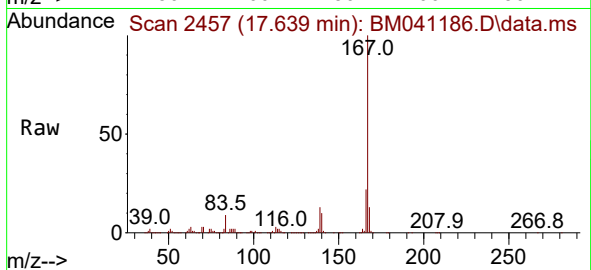
Tgt Ion:167 Resp: 1193248

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: 43.804 ng

RT: 18.198 min Scan# 2552

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

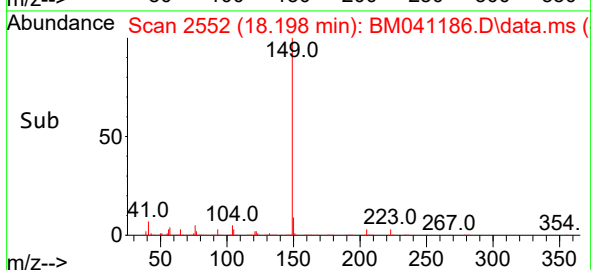
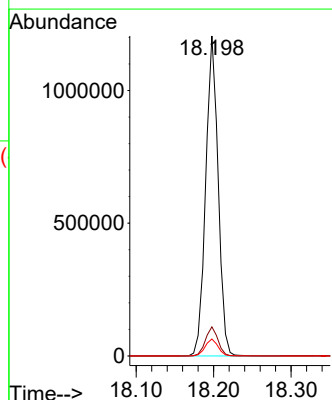
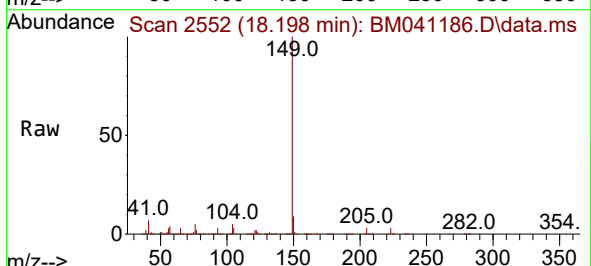
Tgt Ion:149 Resp: 1342390

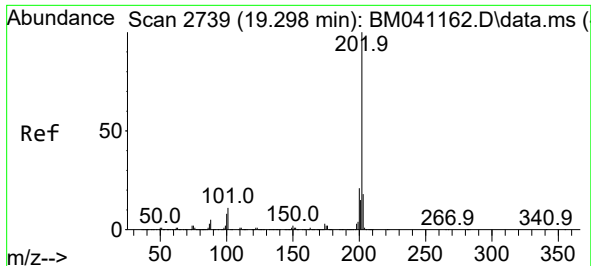
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.3 4.5 6.7

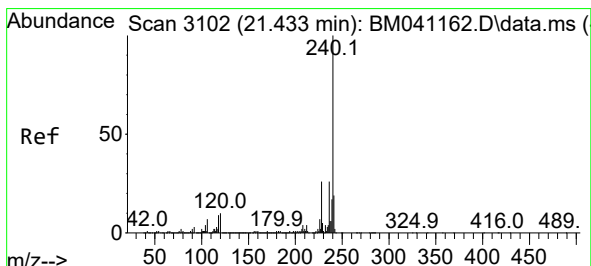
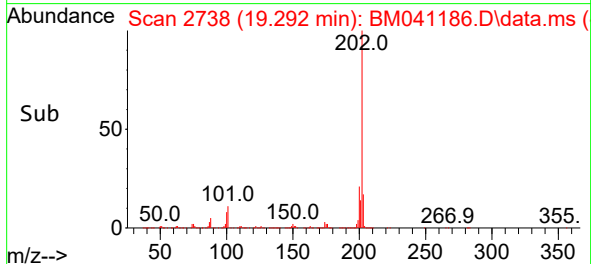
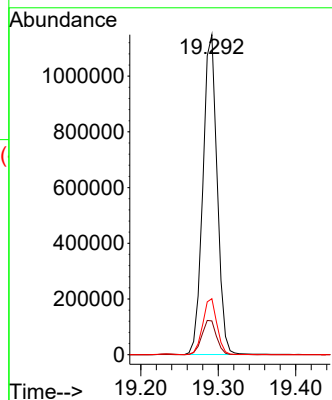
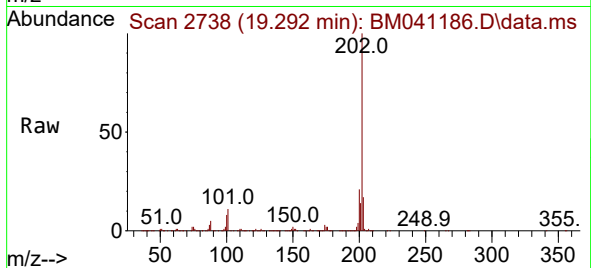




#75
Fluoranthene
Concen: 43.143 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

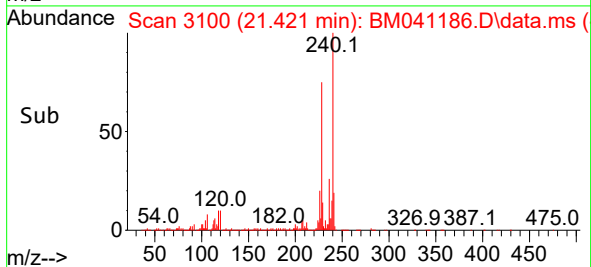
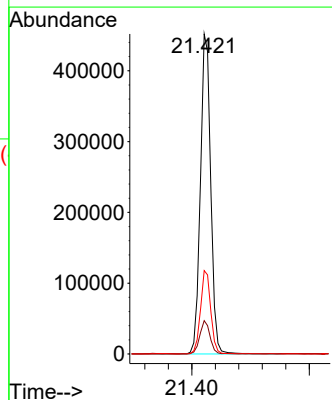
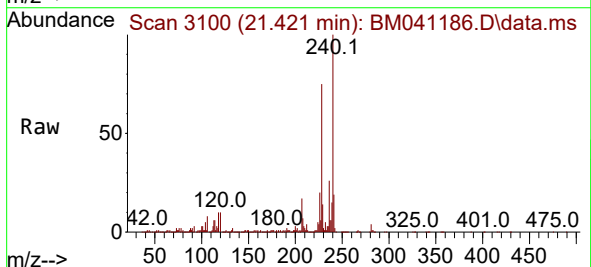
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

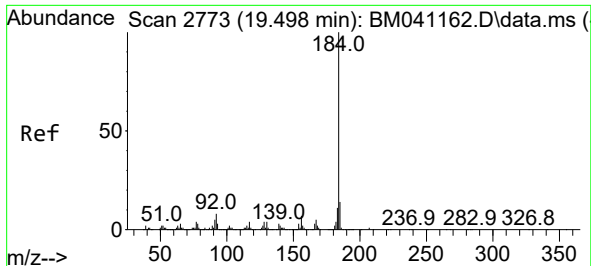
Tgt Ion:202 Resp: 1468416
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.8
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:240 Resp: 549852
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.0 20.6 30.8

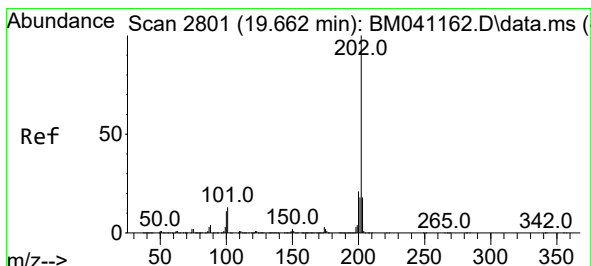
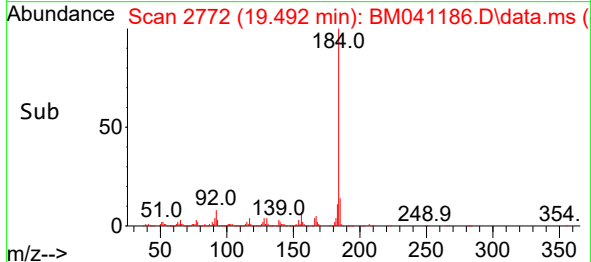
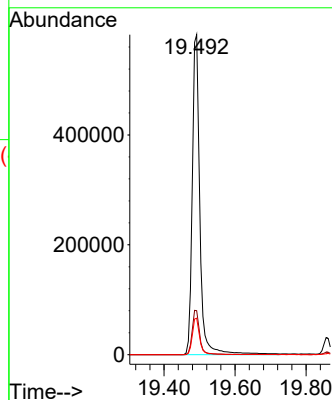
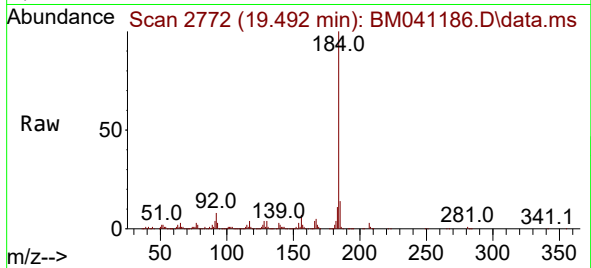




#77
Benzidine
Concen: 115.773 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

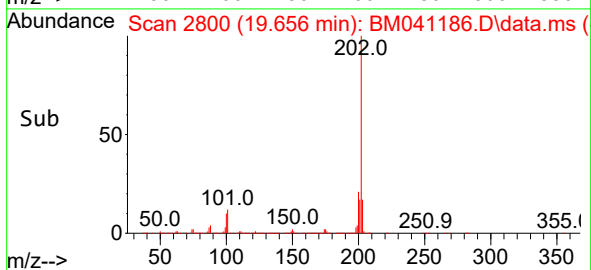
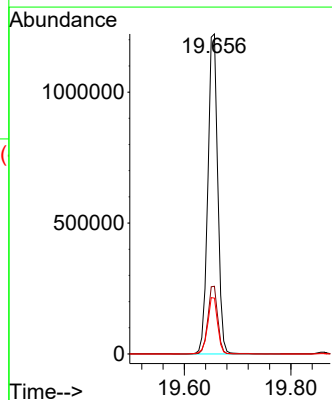
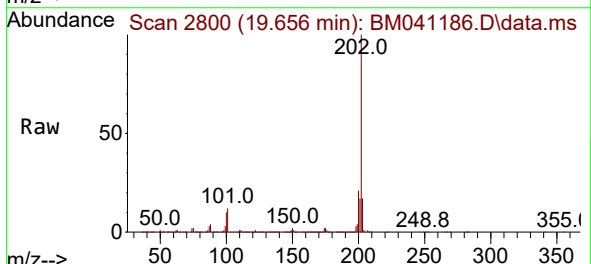
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

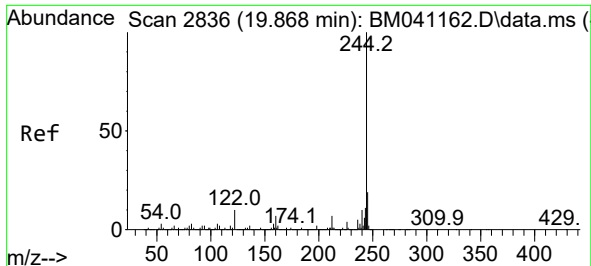
Tgt Ion:184 Resp: 867655
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.4 9.2 13.8



#78
Pyrene
Concen: 40.814 ng
RT: 19.656 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:202 Resp: 1569387
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.1 21.1

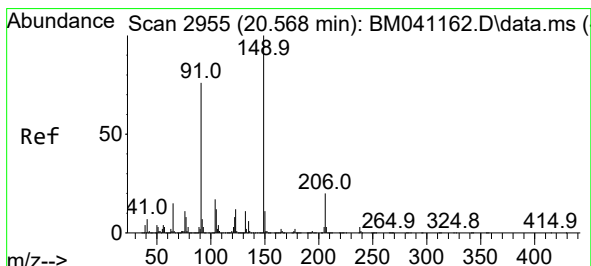
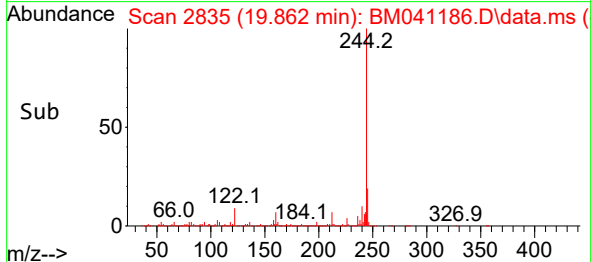
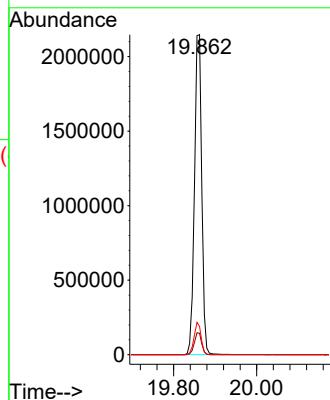
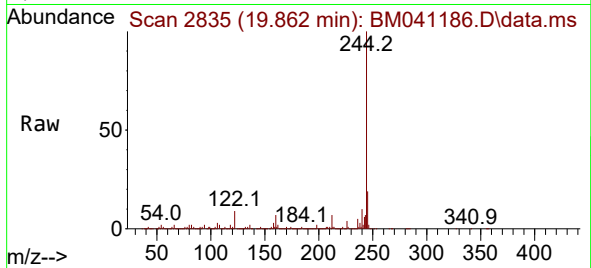




#79
 Terphenyl-d14
 Concen: 85.537 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

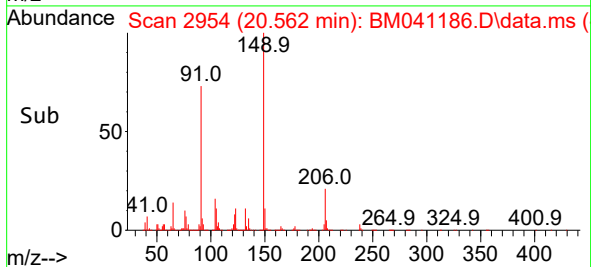
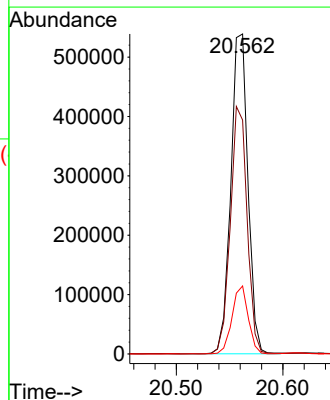
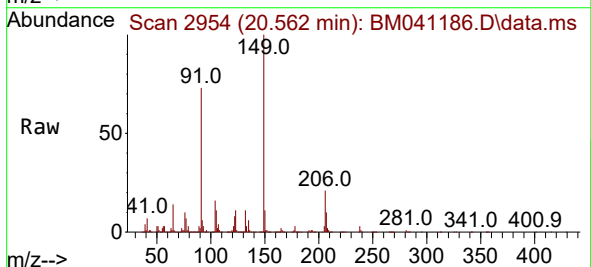
Instrument :
 BNA_M
 ClientSampleId :
 PB154262BSD

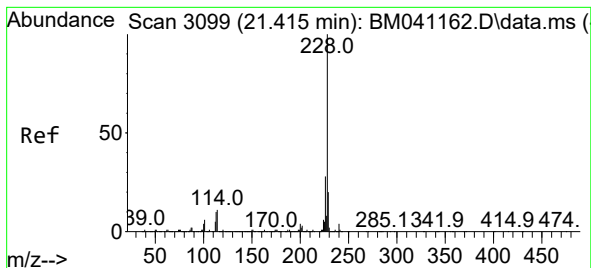
Tgt Ion:244 Resp: 2601280
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 8.8 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 42.943 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

Tgt Ion:149 Resp: 603001
 Ion Ratio Lower Upper
 149 100
 91 73.1 60.8 91.2
 206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.087 ng

RT: 21.409 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

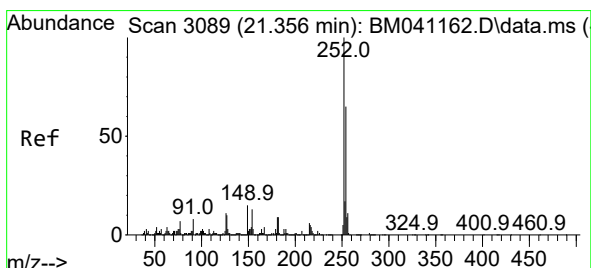
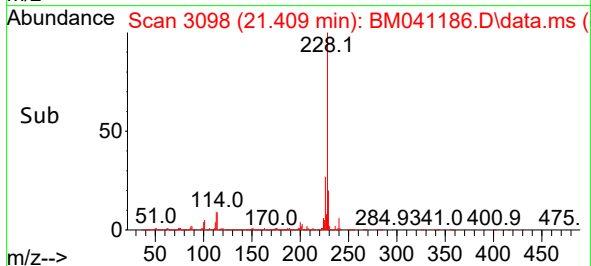
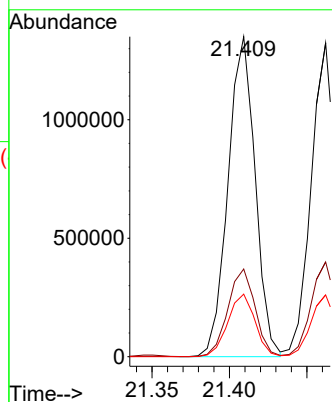
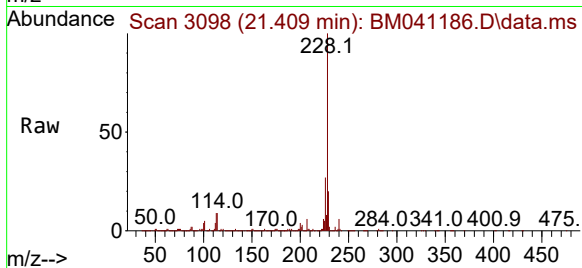
Tgt Ion:228 Resp: 1643375

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.963 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

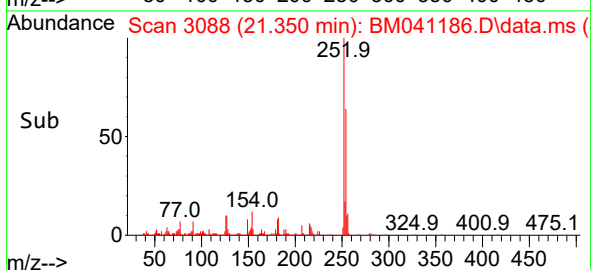
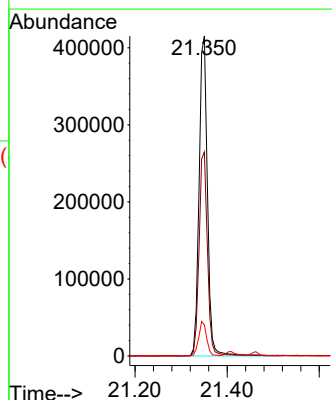
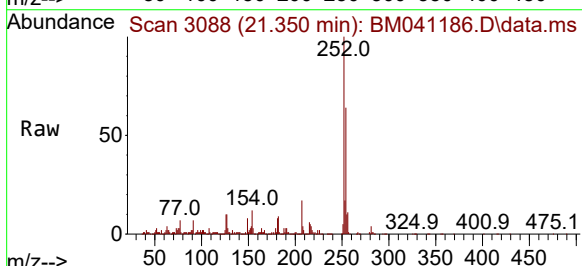
Tgt Ion:252 Resp: 522571

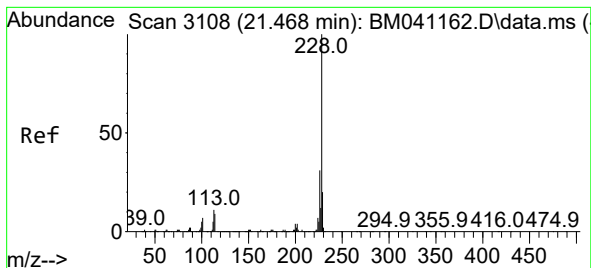
Ion Ratio Lower Upper

252 100

254 63.7 51.8 77.6

126 9.7 8.6 13.0





#83

Chrysene

Concen: 41.999 ng

RT: 21.462 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

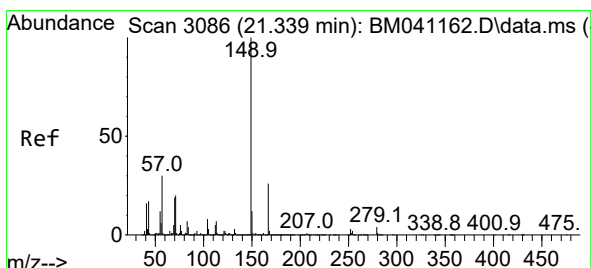
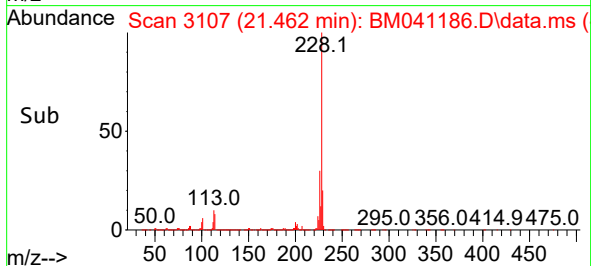
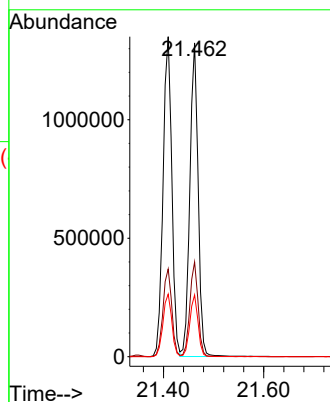
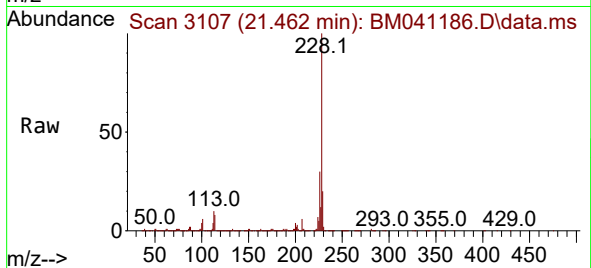
Tgt Ion:228 Resp: 1514246

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.775 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

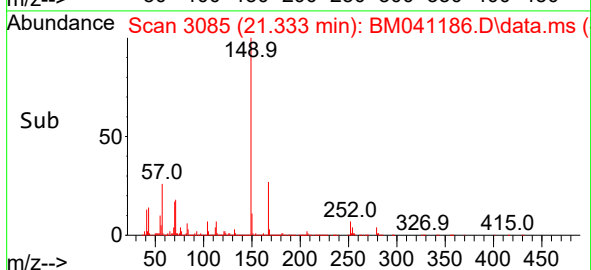
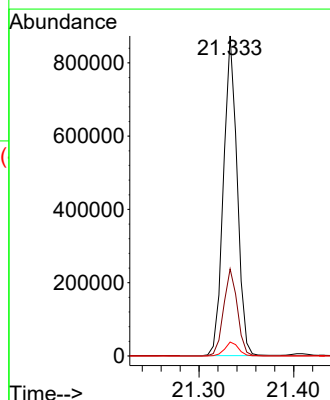
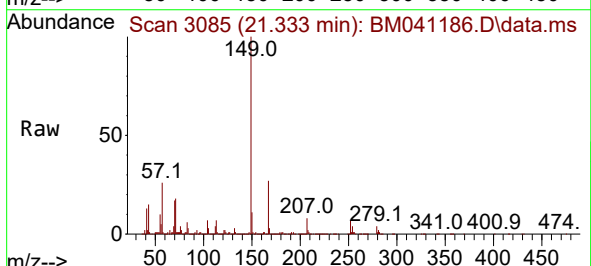
Tgt Ion:149 Resp: 876708

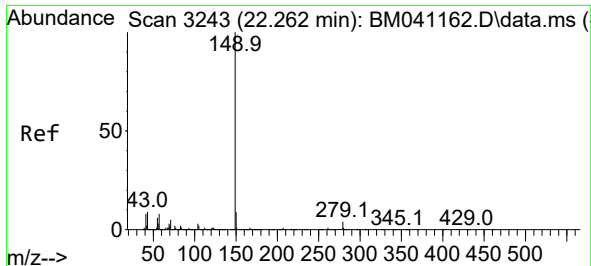
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.6

279 4.4 3.1 4.7

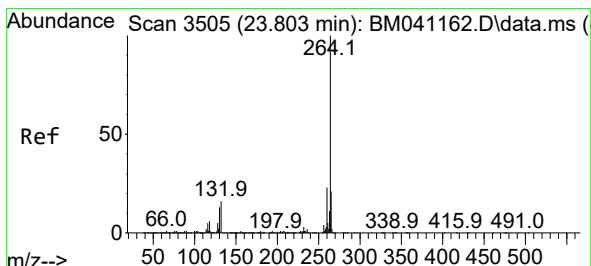
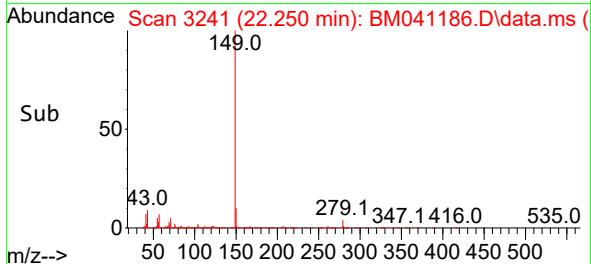
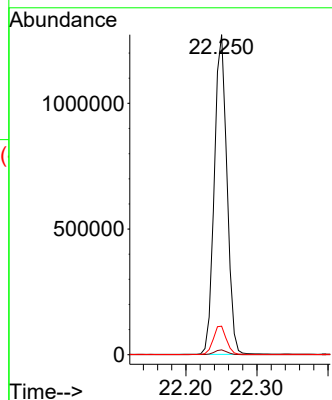
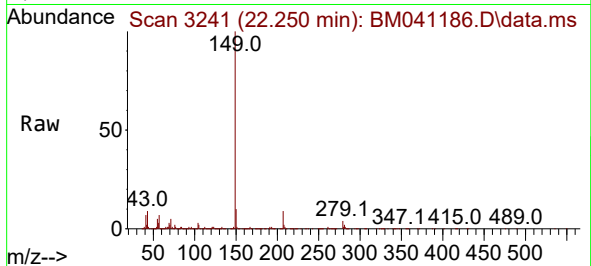




#85
Di-n-octyl phthalate
Concen: 44.225 ng
RT: 22.250 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

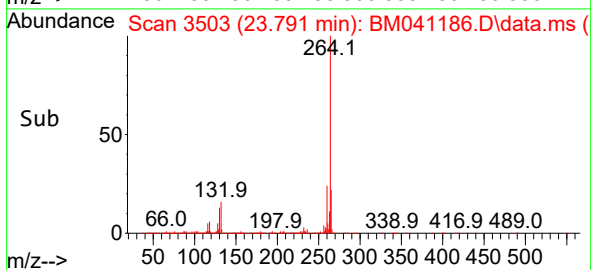
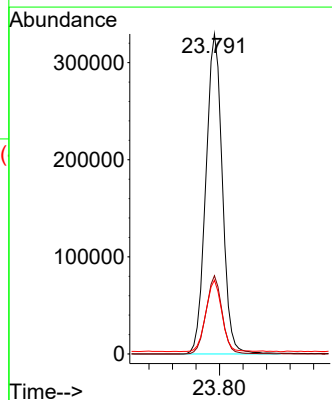
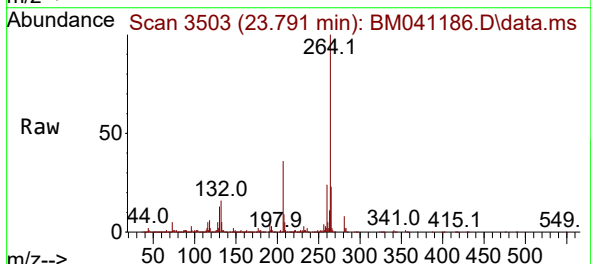
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

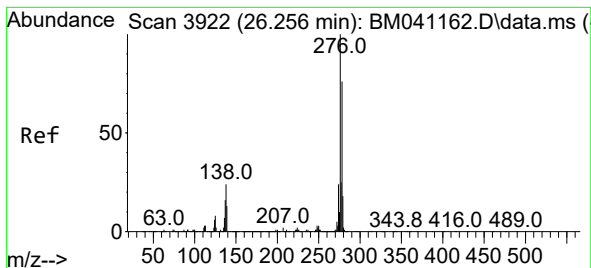
Tgt Ion:149 Resp: 1569469
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 3503
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:264 Resp: 640278
Ion Ratio Lower Upper
264 100
260 24.5 18.5 27.7
265 23.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.797 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

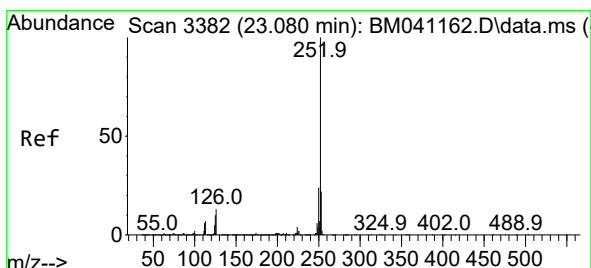
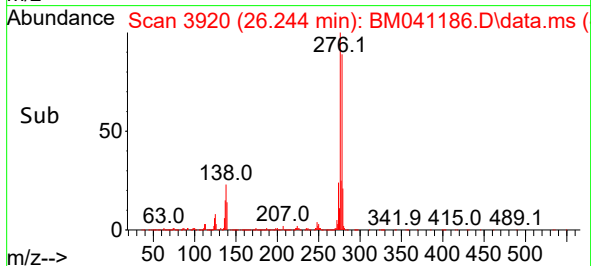
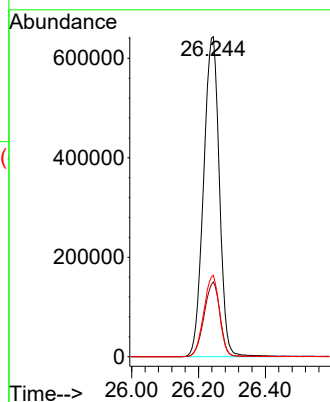
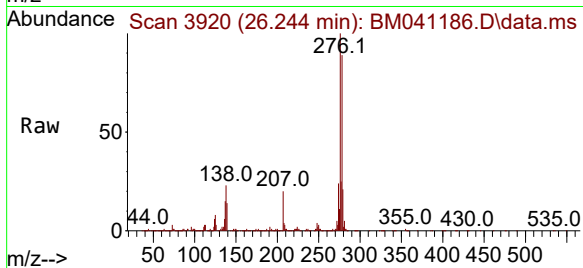
Tgt Ion:276 Resp: 2108771

Ion Ratio Lower Upper

276 100

138 23.6 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.469 ng

RT: 23.074 min Scan# 3381

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

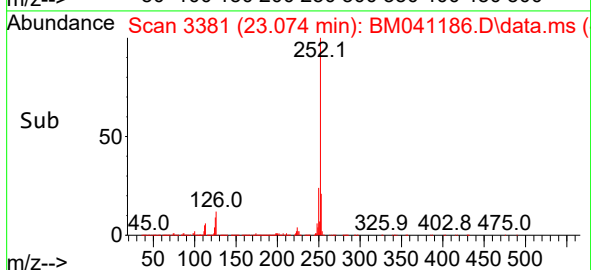
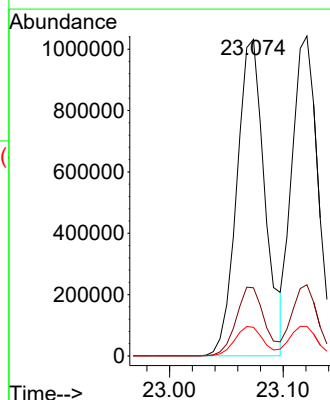
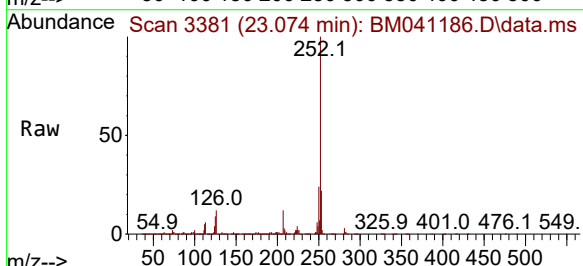
Tgt Ion:252 Resp: 1767521

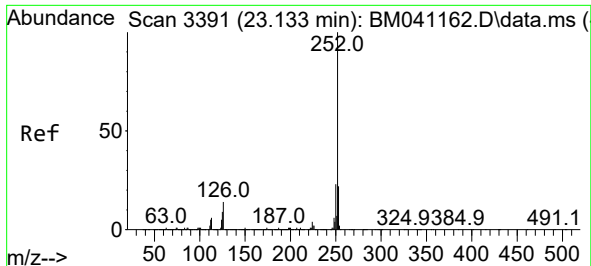
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 42.828 ng

RT: 23.121 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

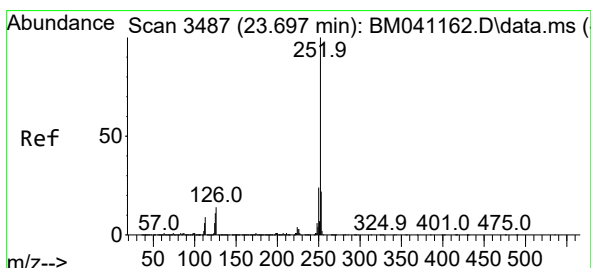
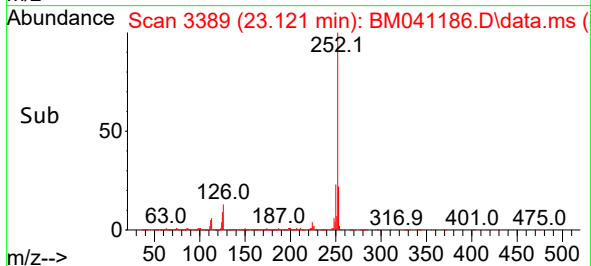
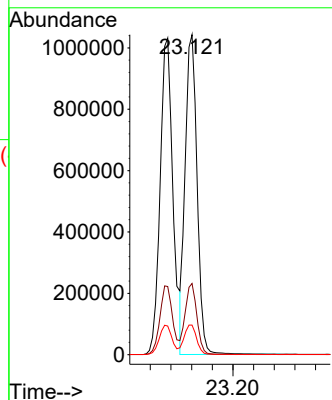
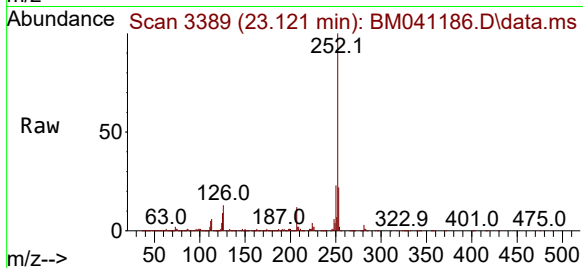
Tgt Ion:252 Resp: 1666350

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.2 7.6 11.4



#90

Benzo(a)pyrene

Concen: 41.477 ng

RT: 23.686 min Scan# 3485

Delta R.T. -0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

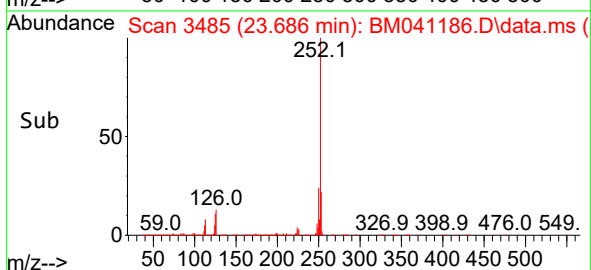
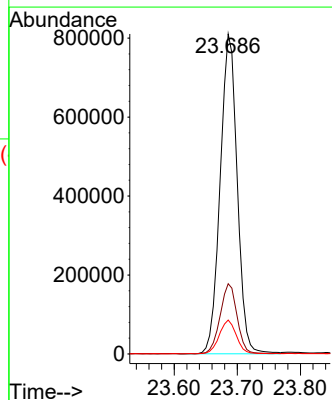
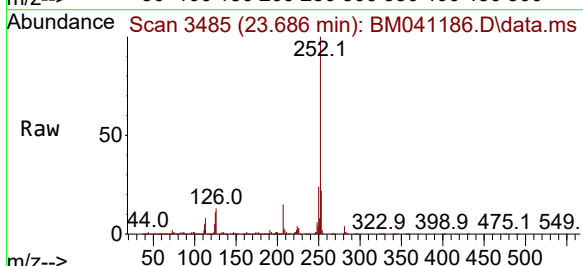
Tgt Ion:252 Resp: 1515900

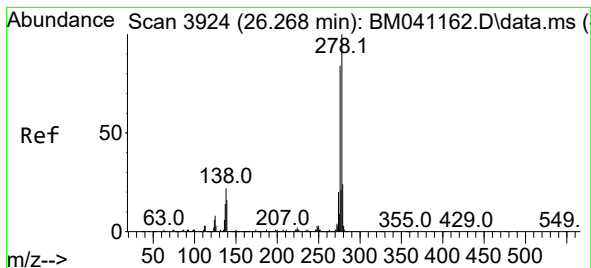
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 45.376 ng

RT: 26.256 min Scan# 3924

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

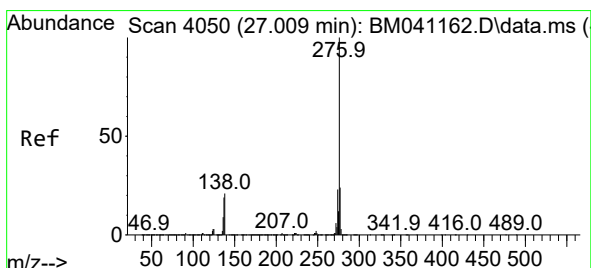
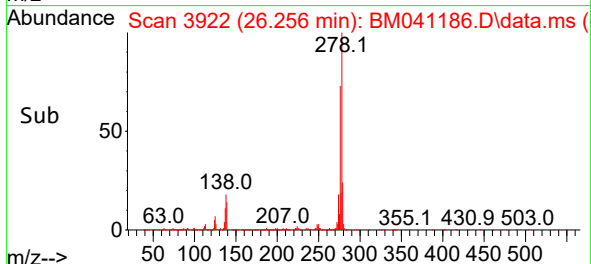
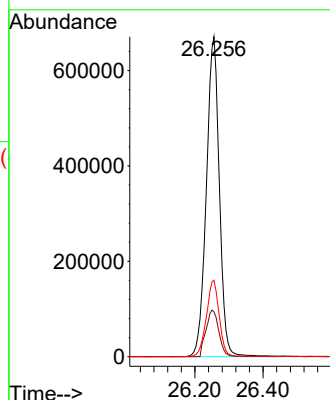
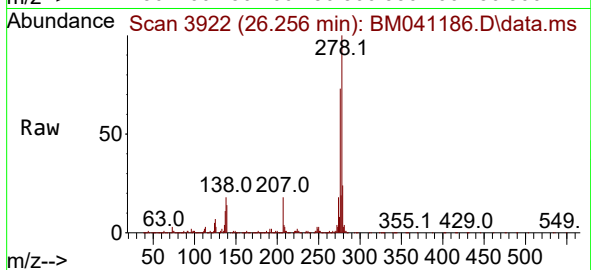
Tgt Ion:278 Resp: 1781651

Ion Ratio Lower Upper

278 100

139 14.0 12.7 19.1

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 43.942 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Tgt Ion:276 Resp: 1688225

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 20.2 17.1 25.7

