

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041306.D
 Acq On : 07 Aug 2023 11:10
 Operator : MA/JU
 Sample : PB154462BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154462BS

Quant Time: Aug 07 17:27:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	127369	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	481834	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	264010	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	514461	20.000	ng	0.00
76) Chrysene-d12	21.421	240	478268	20.000	ng	0.00
86) Perylene-d12	23.791	264	583740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1035647	121.526	ng	0.00
7) Phenol-d6	6.975	99	1252720	113.403	ng	0.00
23) Nitrobenzene-d5	8.963	82	832725	80.371	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	470371	125.960	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1706595	81.658	ng	0.00
79) Terphenyl-d14	19.851	244	2331304	88.133	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	118967	32.633	ng	96
3) Pyridine	3.657	79	302438	31.551	ng	97
4) n-Nitrosodimethylamine	3.581	42	166611	37.582	ng	90
6) Aniline	7.122	93	473206	36.604	ng	99
8) 2-Chlorophenol	7.351	128	374077	44.964	ng	99
9) Benzaldehyde	6.934	77	211475	36.281	ng	100
10) Phenol	6.998	94	458118	42.938	ng	97
11) bis(2-Chloroethyl)ether	7.222	93	374194	43.328	ng	96
12) 1,3-Dichlorobenzene	7.669	146	424629	46.889	ng	99
13) 1,4-Dichlorobenzene	7.822	146	436297	47.932	ng	99
14) 1,2-Dichlorobenzene	8.134	146	413856	47.419	ng	99
15) Benzyl Alcohol	8.045	79	337340	48.357	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	456419	39.665	ng	95
17) 2-Methylphenol	8.245	107	300633	41.244	ng	98
18) Hexachloroethane	8.851	117	165541	48.850	ng	94
19) n-Nitroso-di-n-propyla...	8.610	70	289909	43.208	ng	95
20) 3+4-Methylphenols	8.581	107	401868	41.234	ng	97
22) Acetophenone	8.628	105	559455	43.841	ng	# 97
24) Nitrobenzene	9.010	77	441227	42.110	ng	100
25) Isophorone	9.534	82	759010	43.155	ng	100
26) 2-Nitrophenol	9.716	139	200846	49.034	ng	96
27) 2,4-Dimethylphenol	9.781	122	295295	40.969	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	458082	41.579	ng	99
29) 2,4-Dichlorophenol	10.251	162	330792	45.510	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	389551	48.508	ng	97
31) Naphthalene	10.645	128	1106299	42.311	ng	99
32) Benzoic acid	9.951	122	227822	42.967	ng	96
33) 4-Chloroaniline	10.775	127	307936	29.470	ng	99
34) Hexachlorobutadiene	10.910	225	250430	51.850	ng	98
35) Caprolactam	11.586	113	88561	42.119	ng	# 87
36) 4-Chloro-3-methylphenol	11.910	107	323055	42.227	ng	97
37) 2-Methylnaphthalene	12.263	142	718161	40.740	ng	99
38) 1-Methylnaphthalene	12.486	142	688204	41.713	ng	100
40) 1,2,4,5-Tetrachloroben...	12.633	216	408409	47.641	ng	# 98
41) Hexachlorocyclopentadiene	12.598	237	469913	103.611	ng	98
43) 2,4,6-Trichlorophenol	12.886	196	258027	46.960	ng	98

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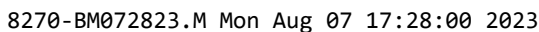
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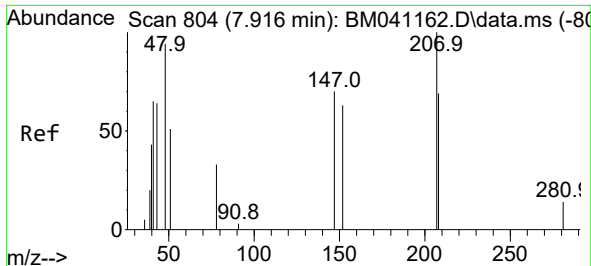
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 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	276347	43.454	ng	95
46) 1,1'-Biphenyl	13.280	154	915644	42.781	ng	99
47) 2-Chloronaphthalene	13.327	162	725662	45.408	ng	98
48) 2-Nitroaniline	13.551	65	213803	41.913	ng	96
49) Acenaphthylene	14.174	152	1122835	43.530	ng	100
50) Dimethylphthalate	13.922	163	832331	41.912	ng	99
51) 2,6-Dinitrotoluene	14.051	165	180273	43.810	ng	99
52) Acenaphthene	14.516	154	646011	41.573	ng	99
53) 3-Nitroaniline	14.386	138	151998	32.785	ng	95
54) 2,4-Dinitrophenol	14.604	184	231613	83.107	ng	91
55) Dibenzofuran	14.857	168	1051378	41.469	ng	99
56) 4-Nitrophenol	14.704	139	292729	85.359	ng	96
57) 2,4-Dinitrotoluene	14.851	165	244268	41.926	ng	94
58) Fluorene	15.510	166	825768	41.287	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	235570	45.744	ng	96
60) Diethylphthalate	15.286	149	819916	42.693	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	431076	43.010	ng	97
62) 4-Nitroaniline	15.557	138	165774	38.656	ng	96
63) Azobenzene	15.798	77	839565	39.909	ng	98
65) 4,6-Dinitro-2-methylph...	15.616	198	144671	46.420	ng	89
66) n-Nitrosodiphenylamine	15.727	169	685043	42.815	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	257293	45.614	ng	96
68) Hexachlorobenzene	16.510	284	301691	48.100	ng	98
69) Atrazine	16.686	200	242507	57.714	ng	99
70) Pentachlorophenol	16.868	266	340014	78.286	ng	99
71) Phenanthrene	17.257	178	1201881	42.048	ng	100
72) Anthracene	17.351	178	1221901	43.223	ng	99
73) Carbazole	17.627	167	1095203	42.803	ng	100
74) Di-n-butylphthalate	18.186	149	1378266	47.668	ng	99
75) Fluoranthene	19.280	202	1383015	43.067	ng	99
77) Benzidine	19.480	184	781888	119.945	ng	100
78) Pyrene	19.651	202	1442790	43.138	ng	100
80) Butylbenzylphthalate	20.551	149	607719	49.757	ng	97
81) Benzo(a)anthracene	21.403	228	1457572	44.955	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	528750	49.977	ng	99
83) Chrysene	21.456	228	1333657	42.526	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	914561	47.196	ng	97
85) Di-n-octyl phthalate	22.245	149	1605077	51.997	ng	96
87) Indeno(1,2,3-cd)pyrene	26.250	276	1962204	45.721	ng	96
88) Benzo(b)fluoranthene	23.074	252	1578368	45.515	ng	98
89) Benzo(k)fluoranthene	23.121	252	1430216	40.319	ng	99
90) Benzo(a)pyrene	23.686	252	1377760	41.349	ng	98
91) Dibenzo(a,h)anthracene	26.256	278	1653780	46.199	ng	97
92) Benzo(g,h,i)perylene	27.003	276	1557239	44.459	ng	96

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

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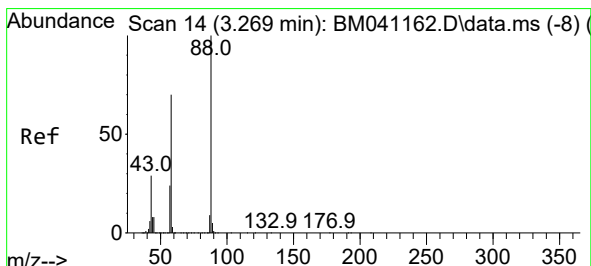
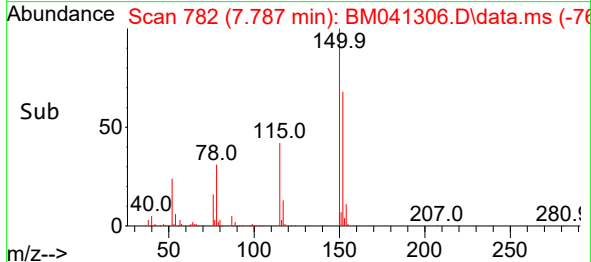
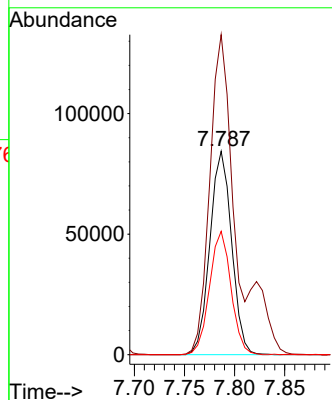
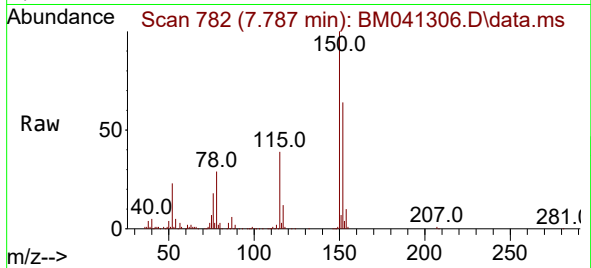




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

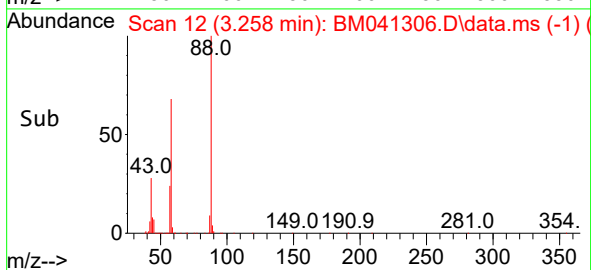
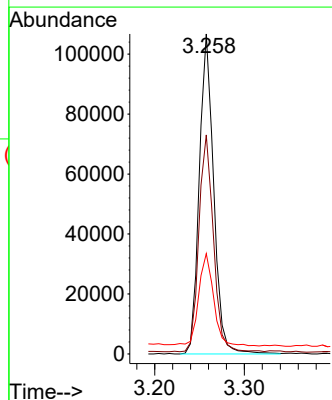
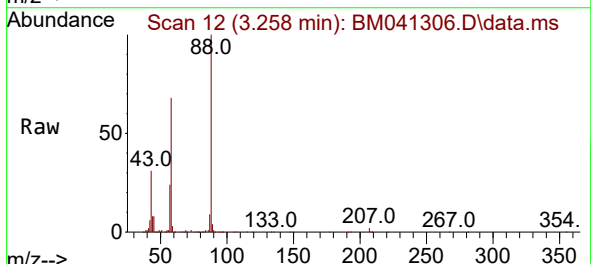
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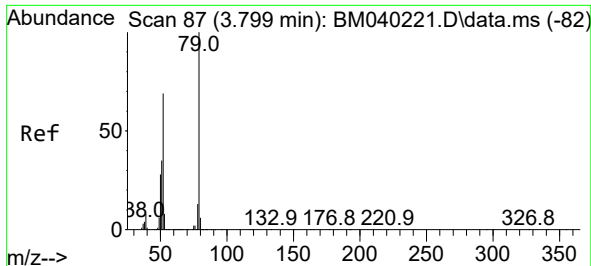
Tgt Ion:152 Resp: 127369
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.5 188.3
 115 60.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 32.633 ng
 RT: 3.258 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

Tgt Ion: 88 Resp: 118967
 Ion Ratio Lower Upper
 88 100
 58 68.1 58.2 87.4
 43 30.2 24.4 36.6

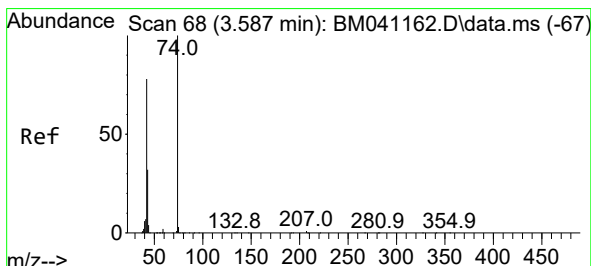
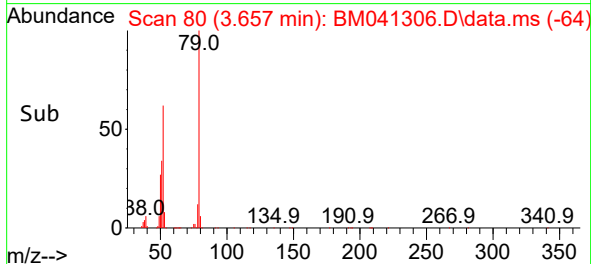
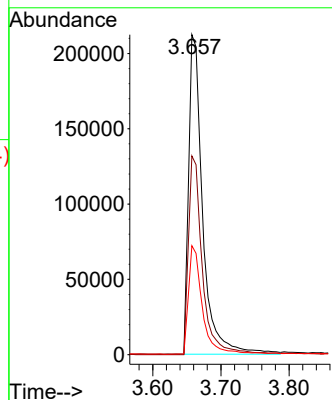
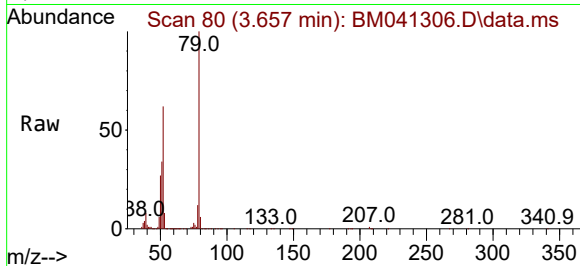




#3
 Pyridine
 Concen: 31.551 ng
 RT: 3.657 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

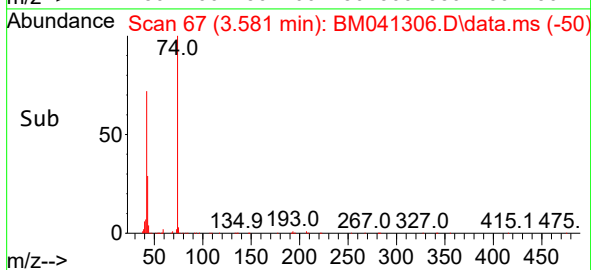
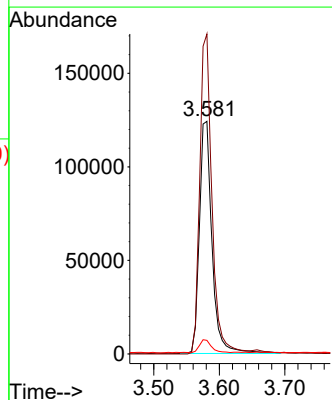
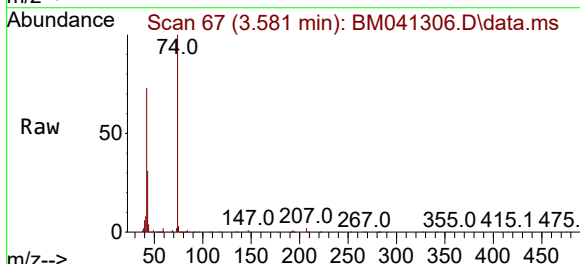
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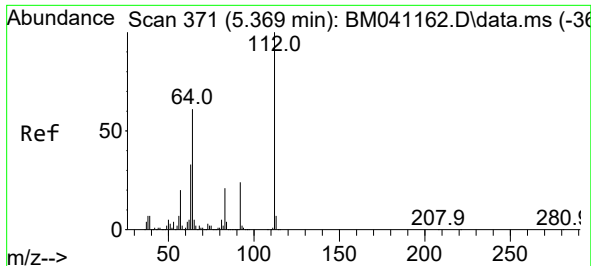
Tgt Ion: 79 Resp: 302438
 Ion Ratio Lower Upper
 79 100
 52 62.1 52.1 78.1
 51 34.1 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 37.582 ng
 RT: 3.581 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

Tgt Ion: 42 Resp: 166611
 Ion Ratio Lower Upper
 42 100
 74 137.5 100.8 151.2
 44 5.9 5.0 7.4

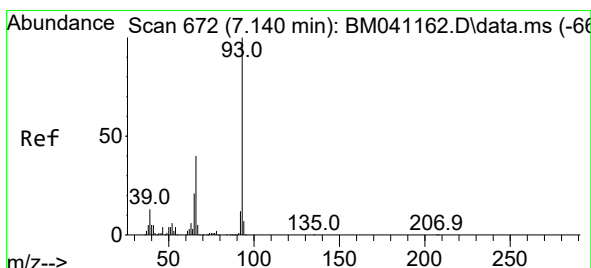
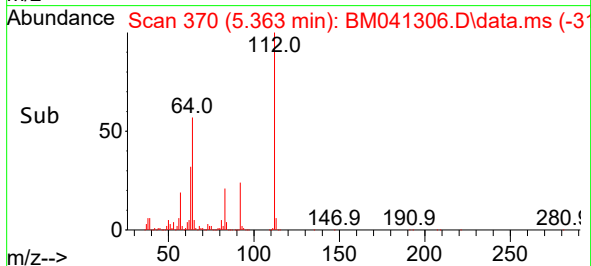
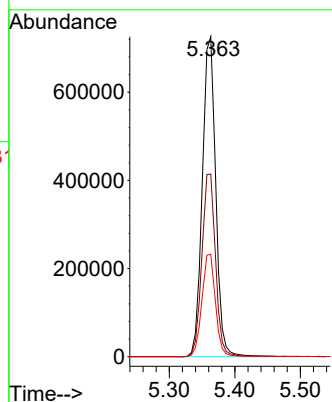
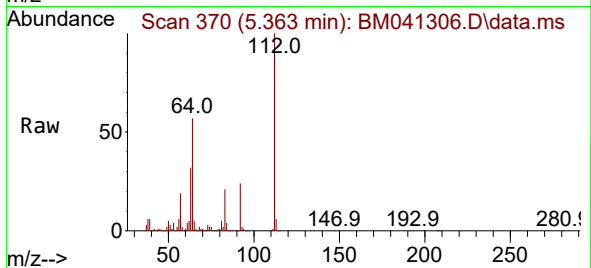




#5
2-Fluorophenol
Concen: 121.526 ng
RT: 5.363 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

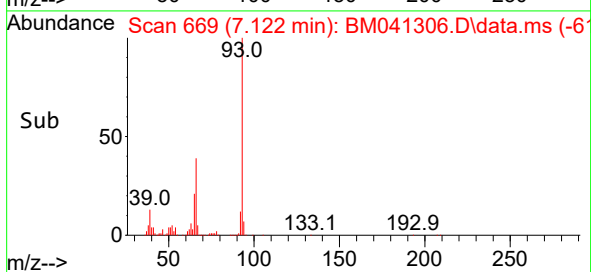
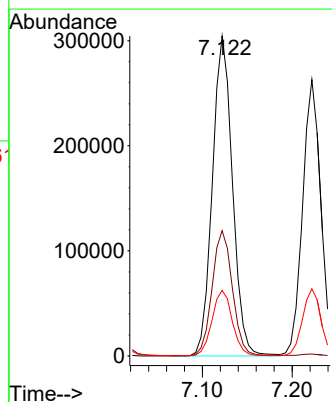
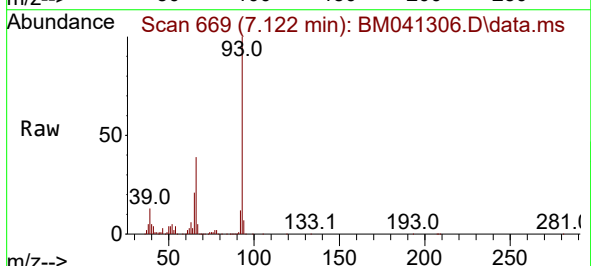
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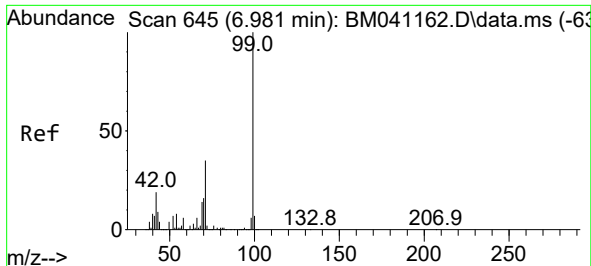
Tgt Ion:112 Resp: 1035647
Ion Ratio Lower Upper
112 100
64 57.1 48.5 72.7
63 32.0 26.5 39.7



#6
Aniline
Concen: 36.604 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 93 Resp: 473206
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.5 16.6 24.8

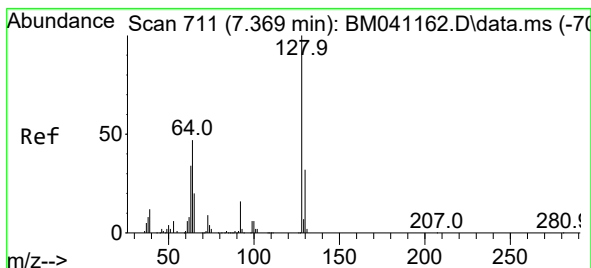
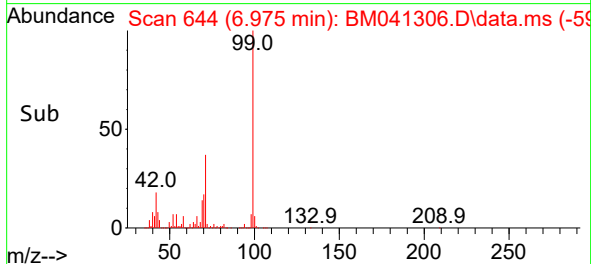
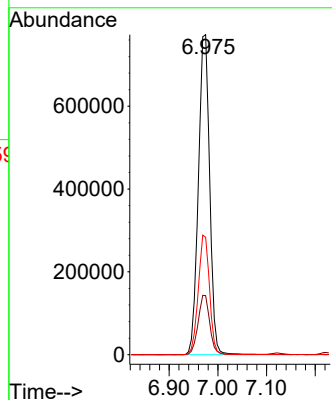
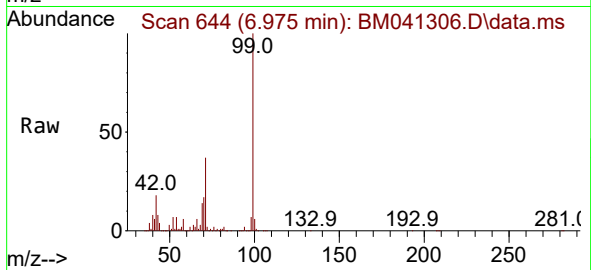




#7
Phenol-d6
Concen: 113.403 ng
RT: 6.975 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

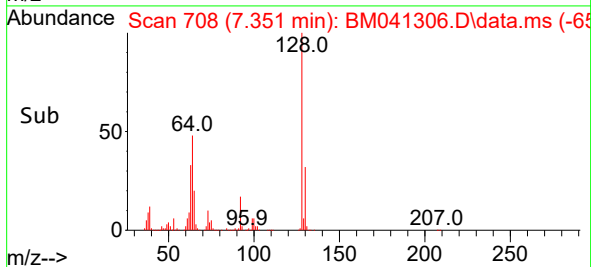
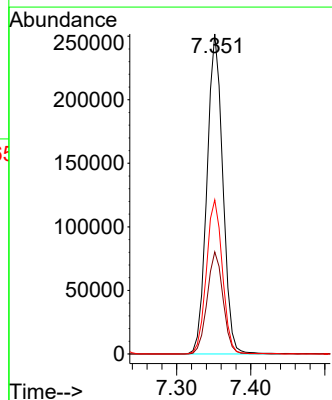
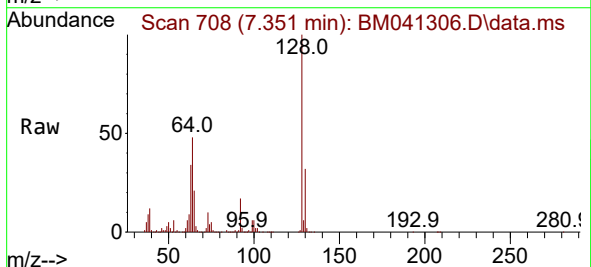
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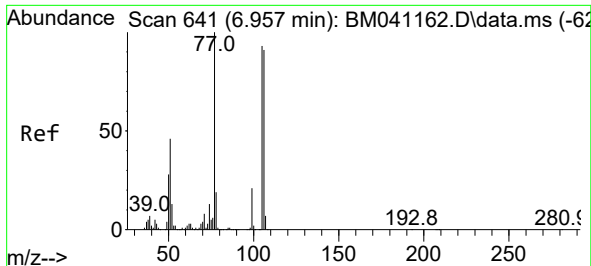
Tgt Ion: 99 Resp: 1252720
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 36.7 28.2 42.4



#8
2-Chlorophenol
Concen: 44.964 ng
RT: 7.351 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 128 Resp: 374077
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 48.1 29.3 69.3

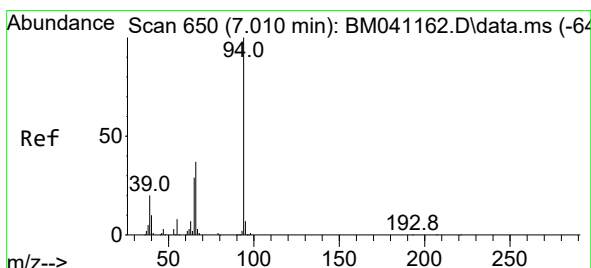
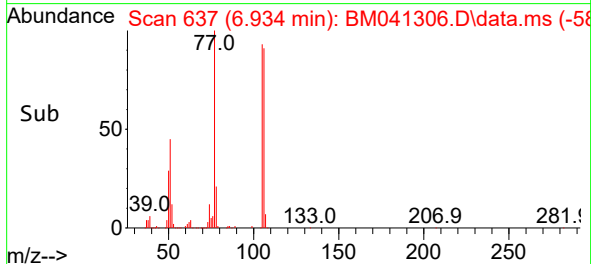
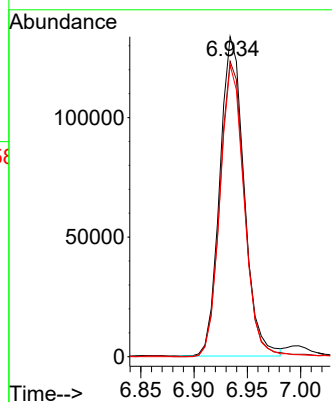
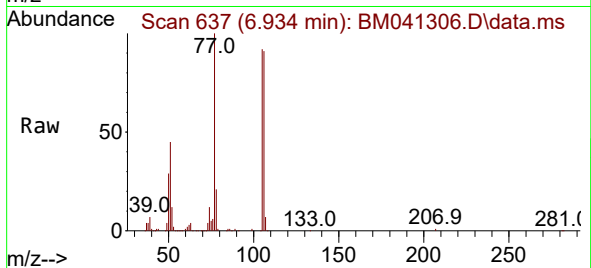




#9
Benzaldehyde
Concen: 36.281 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

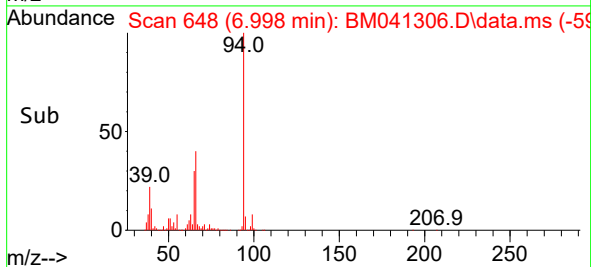
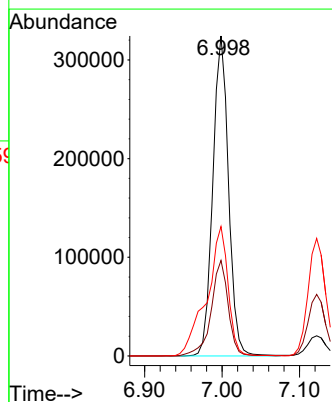
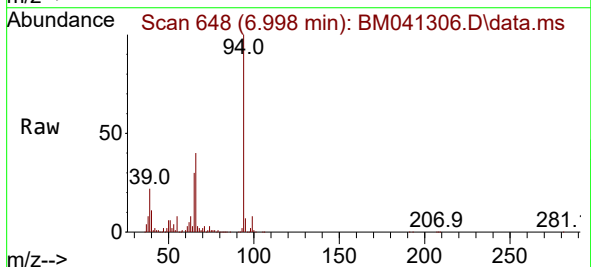
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ClientSampleId :
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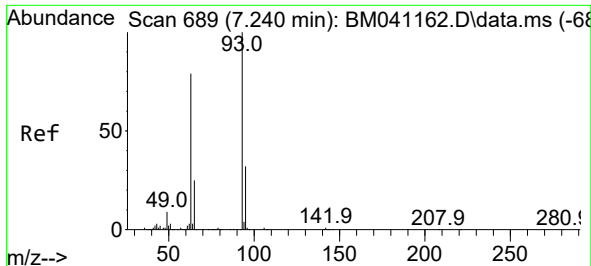
Tgt Ion: 77 Resp: 211475
Ion Ratio Lower Upper
77 100
105 92.3 72.8 112.8
106 91.2 70.8 110.8



#10
Phenol
Concen: 42.938 ng
RT: 6.998 min Scan# 648
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 94 Resp: 458118
Ion Ratio Lower Upper
94 100
65 29.8 9.5 49.5
66 40.4 18.0 58.0

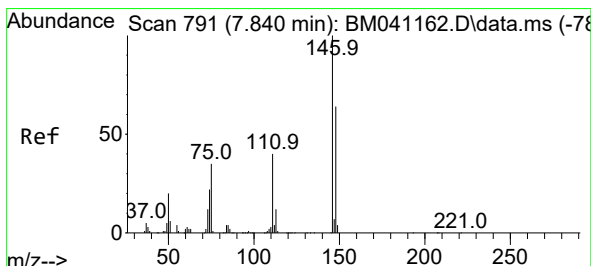
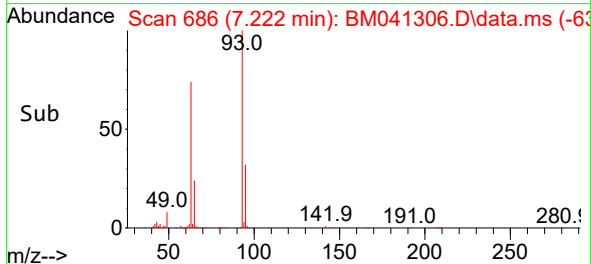
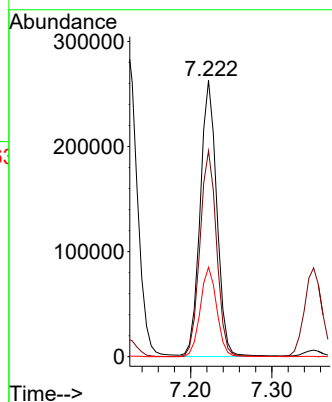
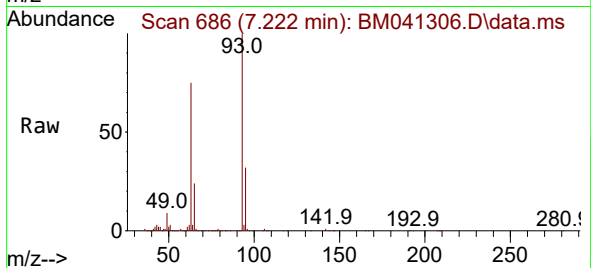




#11
bis(2-Chloroethyl)ether
Concen: 43.328 ng
RT: 7.222 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

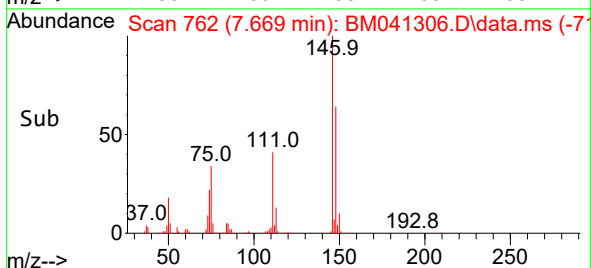
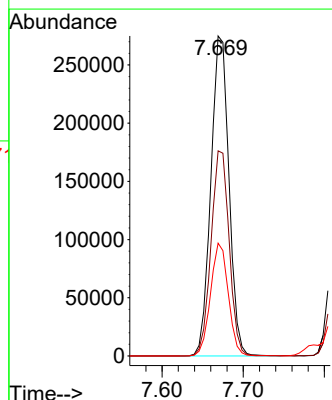
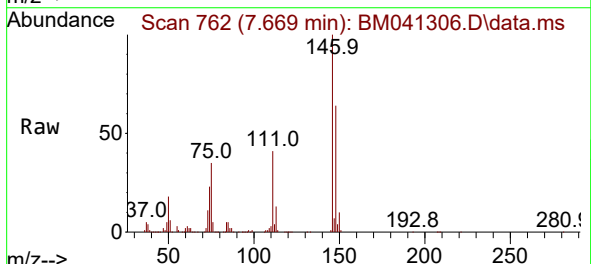
Instrument :
BNA_M
ClientSampleId :
PB154462BS

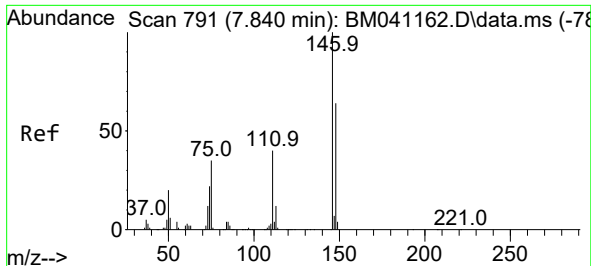
Tgt Ion: 93 Resp: 374194
Ion Ratio Lower Upper
93 100
63 74.5 58.8 98.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.889 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 146 Resp: 424629
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 35.2 28.3 42.5

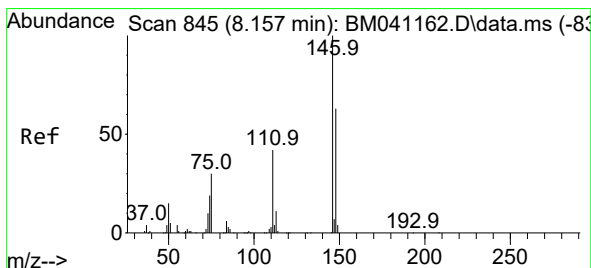
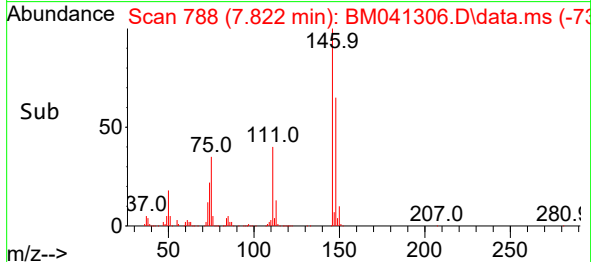
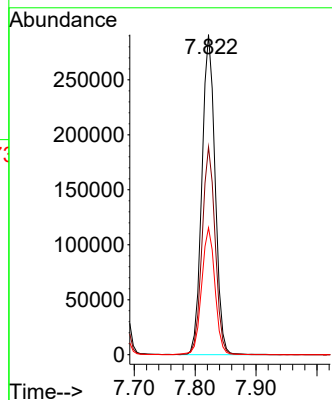
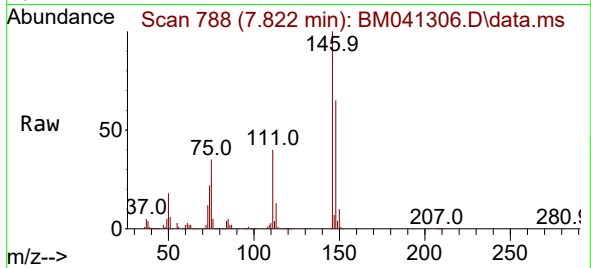




#13
1,4-Dichlorobenzene
Concen: 47.932 ng
RT: 7.822 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

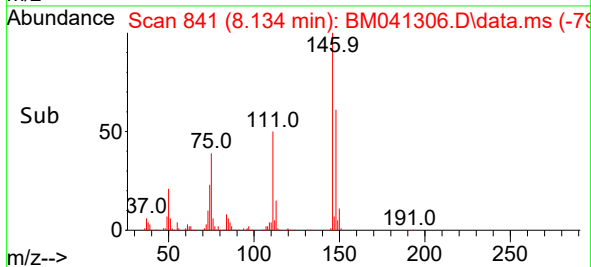
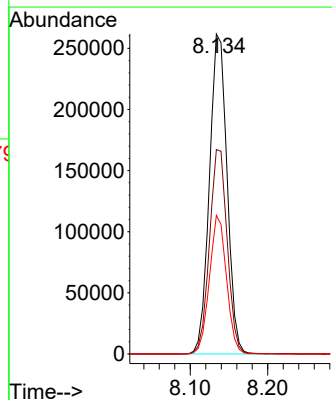
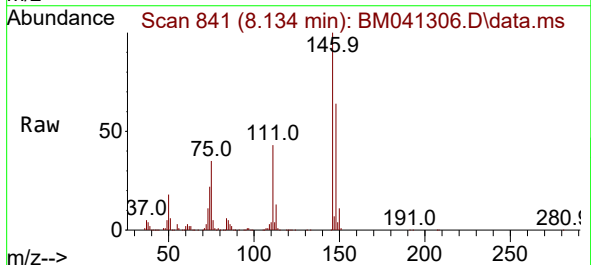
Instrument :
BNA_M
ClientSampleId :
PB154462BS

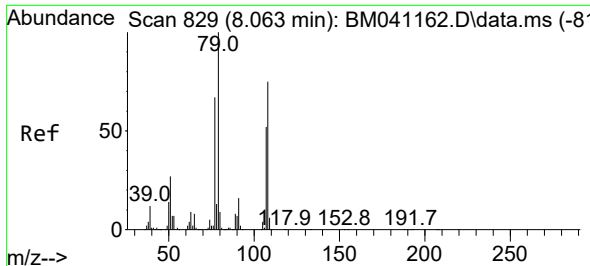
Tgt Ion:146 Resp: 436297
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
111 39.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 47.419 ng
RT: 8.134 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:146 Resp: 413856
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 43.3 33.8 50.6

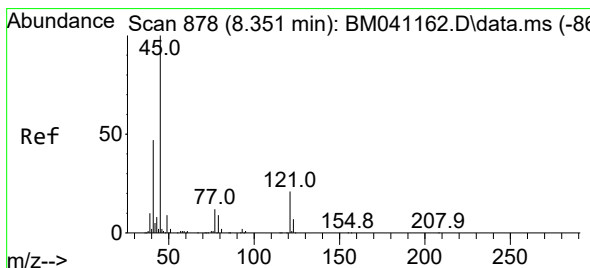
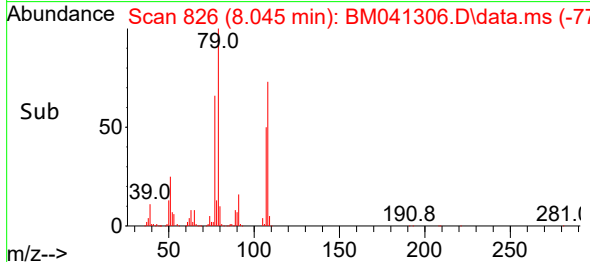
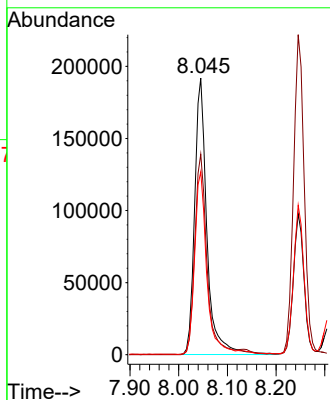
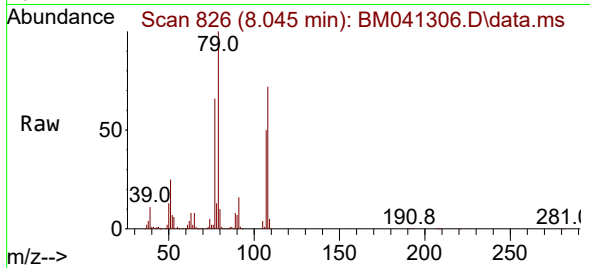




#15
Benzyl Alcohol
Concen: 48.357 ng
RT: 8.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

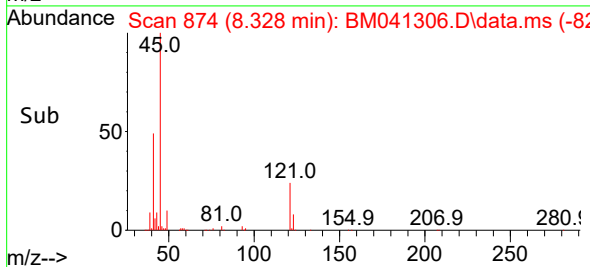
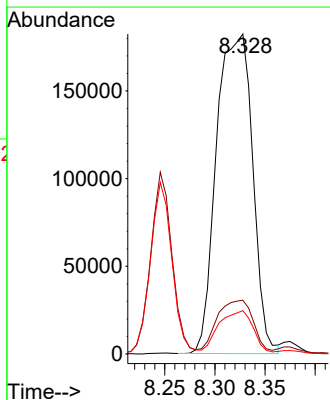
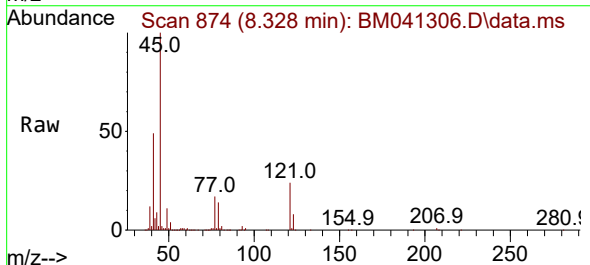
Instrument :
BNA_M
ClientSampleId :
PB154462BS

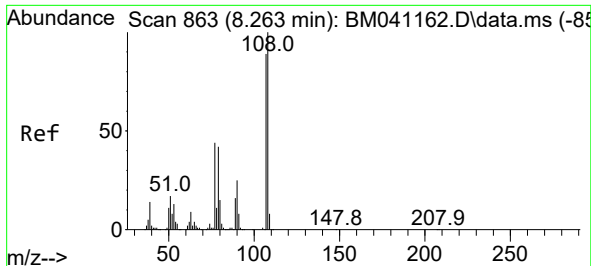
Tgt Ion: 79 Resp: 337340
Ion Ratio Lower Upper
79 100
108 72.5 59.8 89.8
77 66.1 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.665 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 45 Resp: 456419
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.5
79 13.6 0.0 32.1

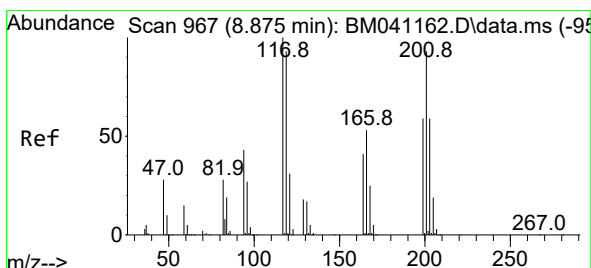
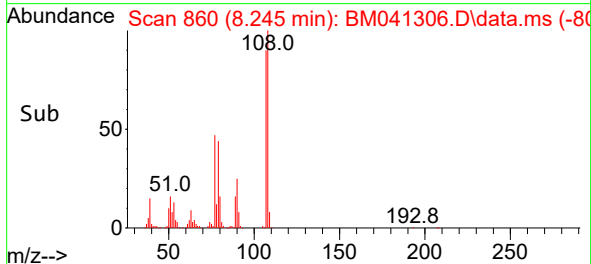
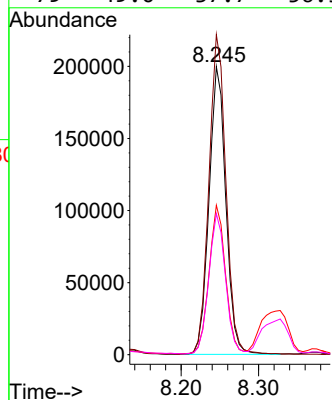
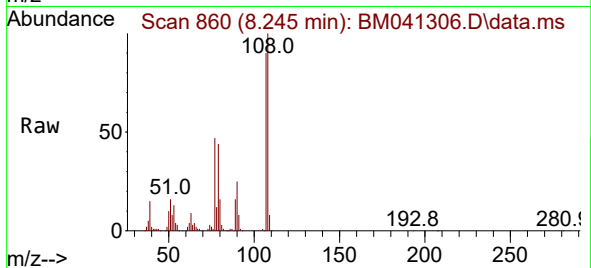




#17
2-Methylphenol
Concen: 41.244 ng
RT: 8.245 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

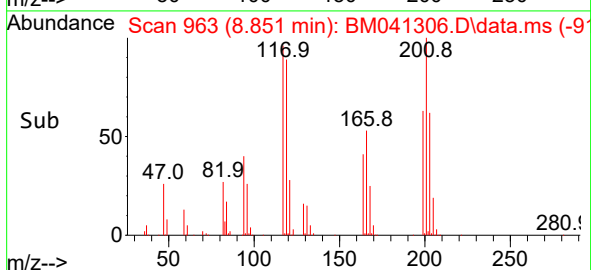
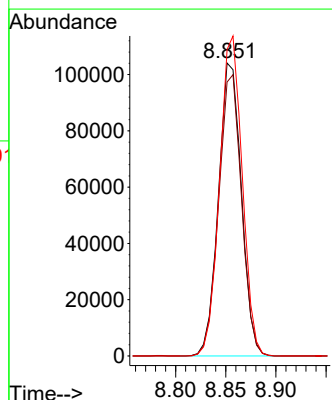
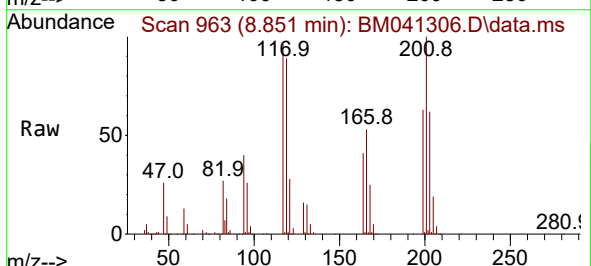
Instrument :
BNA_M
ClientSampleId :
PB154462BS

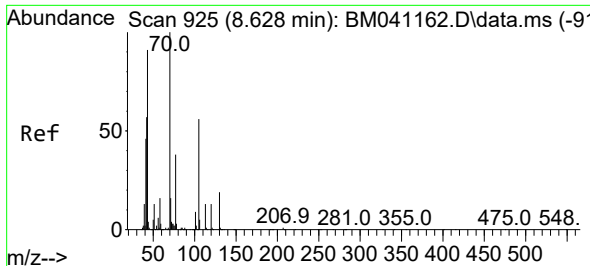
Tgt Ion:107 Resp: 300633
Ion Ratio Lower Upper
107 100
108 111.1 89.9 134.9
77 51.9 39.8 59.8
79 49.0 37.7 56.5



#18
Hexachloroethane
Concen: 48.850 ng
RT: 8.851 min Scan# 963
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:117 Resp: 165541
Ion Ratio Lower Upper
117 100
119 93.5 74.2 111.4
201 104.6 74.5 111.7



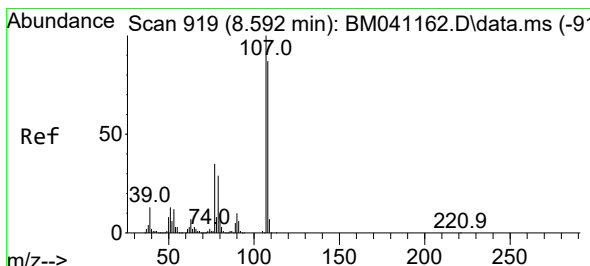
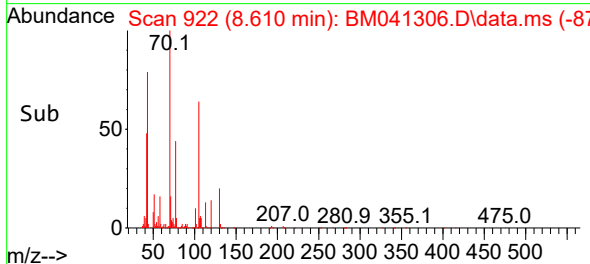
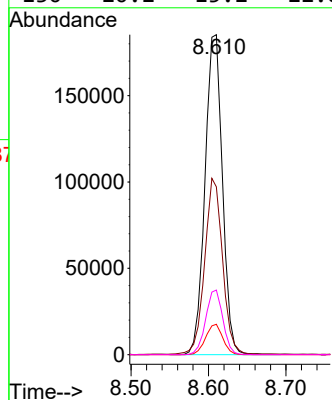
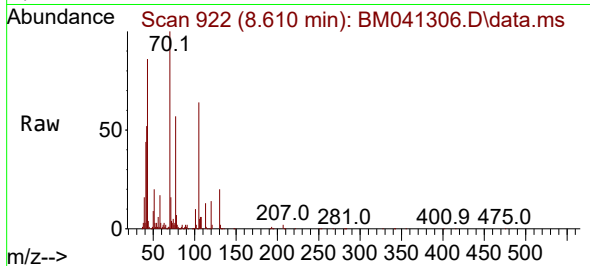


#19
n-Nitroso-di-n-propylamine
Concen: 43.208 ng
RT: 8.610 min Scan# 917
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Instrument :
BNA_M
ClientSampleId :
PB154462BS

Tgt Ion: 70 Resp: 289909

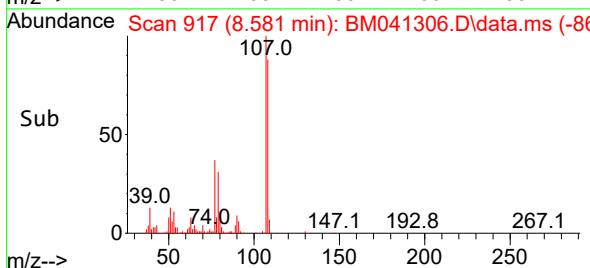
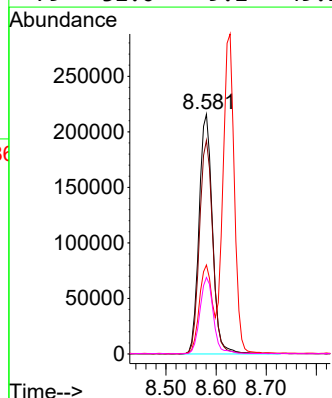
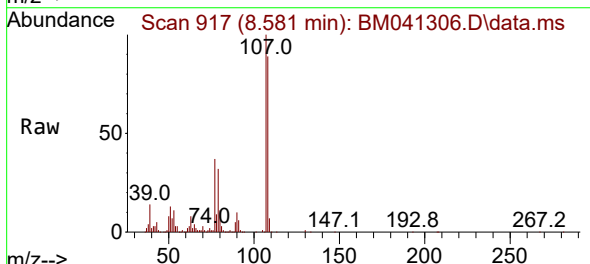
Ion	Ratio	Lower	Upper
70	100		
42	52.5	45.8	68.8
101	9.5	7.4	11.0
130	20.2	15.2	22.8

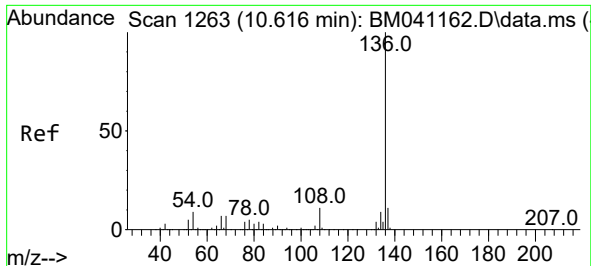


#20
3+4-Methylphenols
Concen: 41.234 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 107 Resp: 401868

Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.2	107.2
77	37.1	15.4	55.4
79	32.0	9.2	49.2

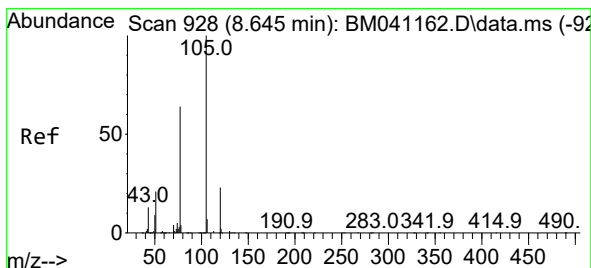
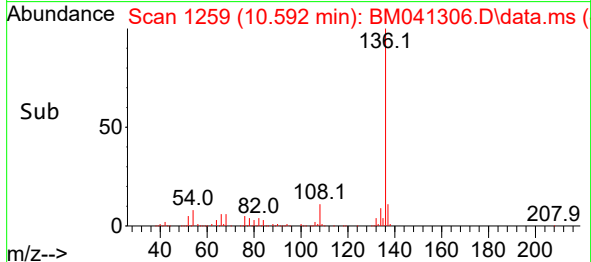
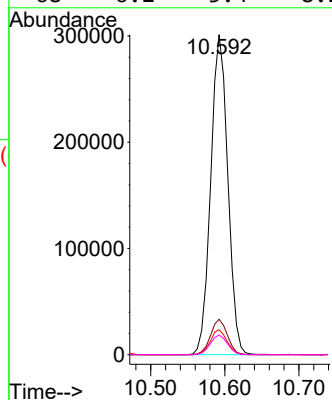
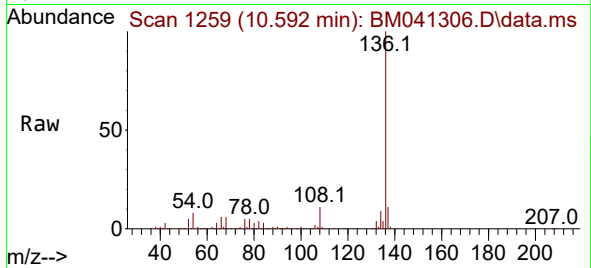




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

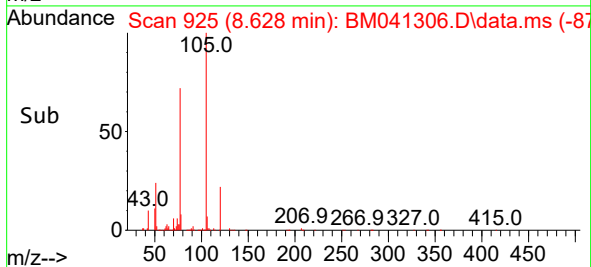
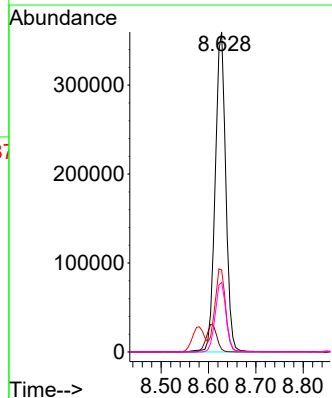
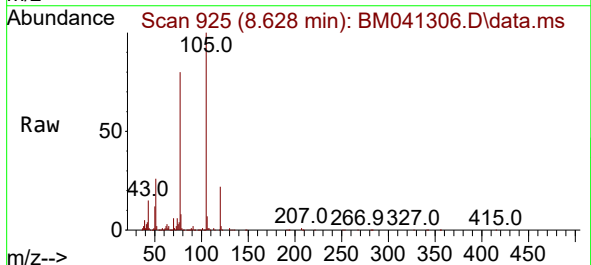
Instrument :
BNA_M
ClientSampleId :
PB154462BS

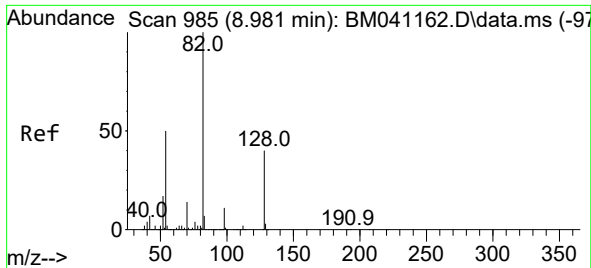
Tgt Ion:136 Resp: 481834
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.9 10.3
68 6.2 5.4 8.2



#22
Acetophenone
Concen: 43.841 ng
RT: 8.628 min Scan# 925
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:105 Resp: 559455
Ion Ratio Lower Upper
105 100
71 0.9 1.2 1.8#
51 25.6 22.0 33.0
120 21.7 18.0 27.0

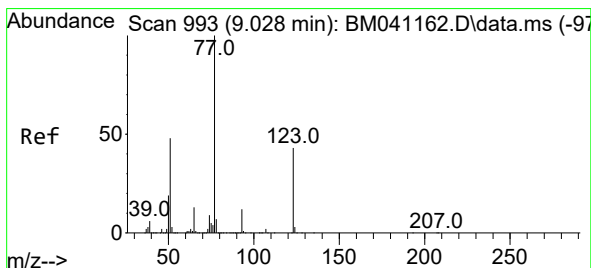
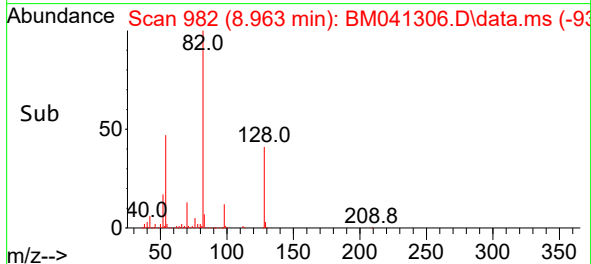
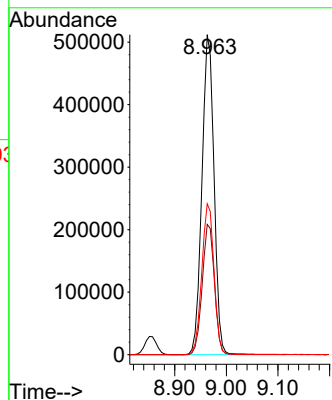
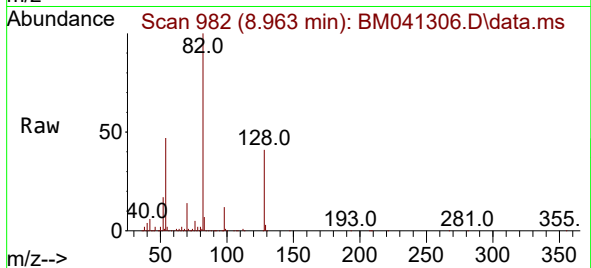




#23
Nitrobenzene-d5
Concen: 80.371 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

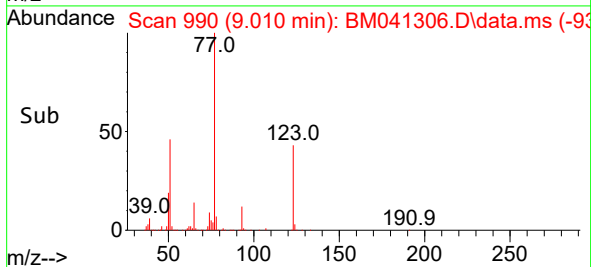
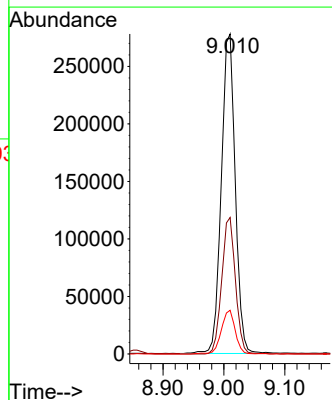
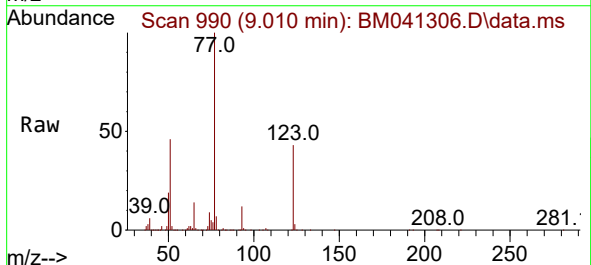
Instrument :
BNA_M
ClientSampleId :
PB154462BS

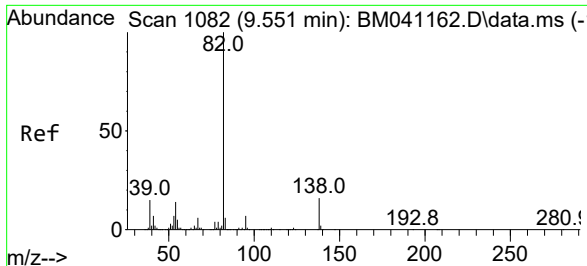
Tgt Ion: 82 Resp: 832725
Ion Ratio Lower Upper
82 100
128 40.7 31.8 47.6
54 47.2 40.1 60.1



#24
Nitrobenzene
Concen: 42.110 ng
RT: 9.010 min Scan# 990
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 77 Resp: 441227
Ion Ratio Lower Upper
77 100
123 42.6 34.2 51.2
65 13.6 10.7 16.1

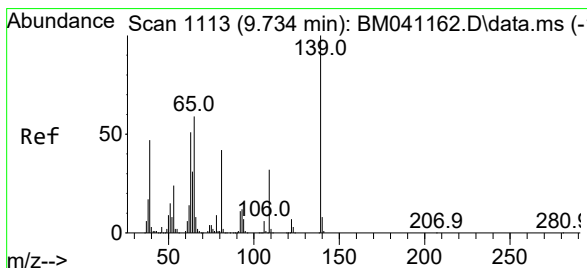
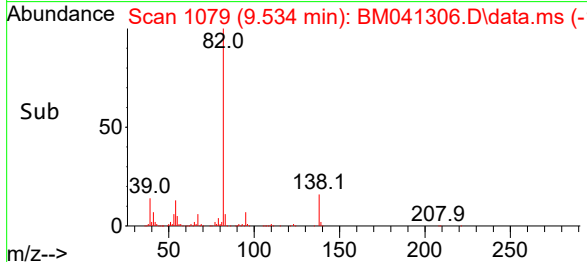
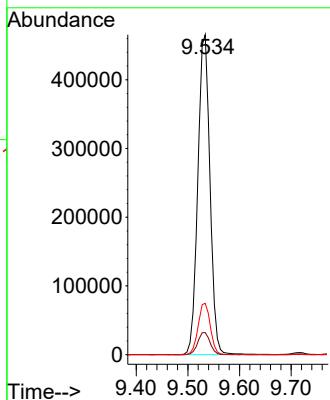
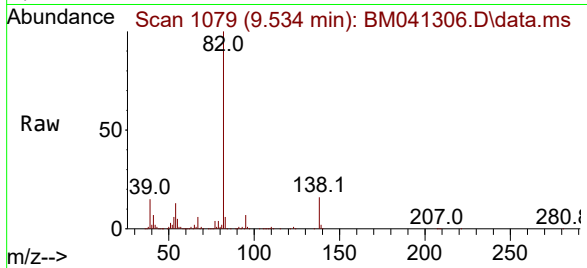




#25
Isophorone
Concen: 43.155 ng
RT: 9.534 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

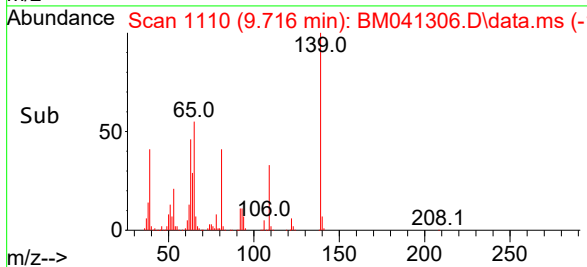
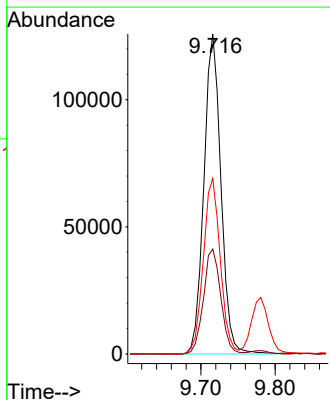
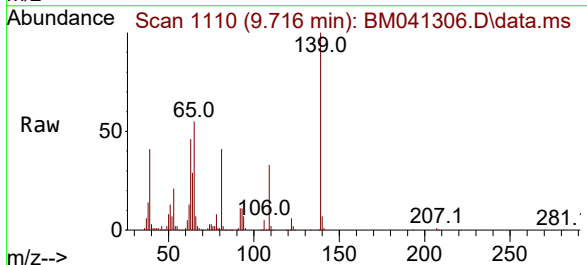
Instrument :
BNA_M
ClientSampleId :
PB154462BS

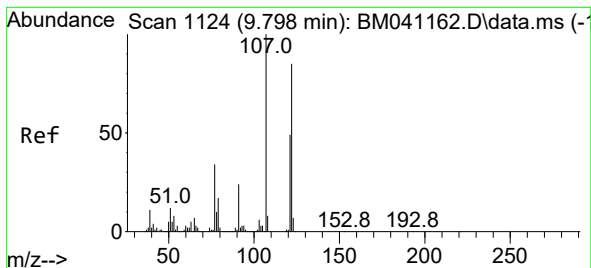
Tgt Ion: 82 Resp: 759010
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 16.0 12.8 19.2



#26
2-Nitrophenol
Concen: 49.034 ng
RT: 9.716 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 139 Resp: 200846
Ion Ratio Lower Upper
139 100
109 32.8 25.4 38.2
65 54.9 47.2 70.8

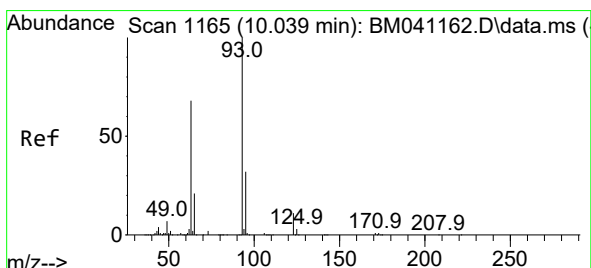
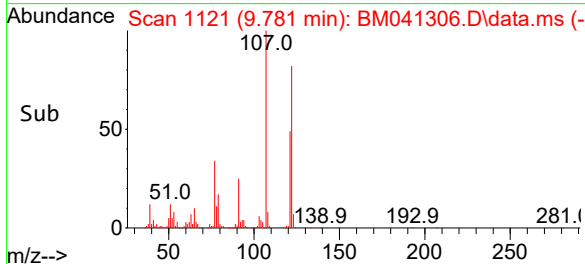
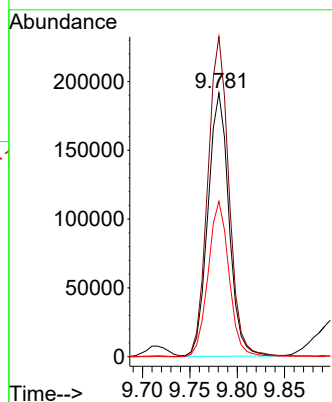
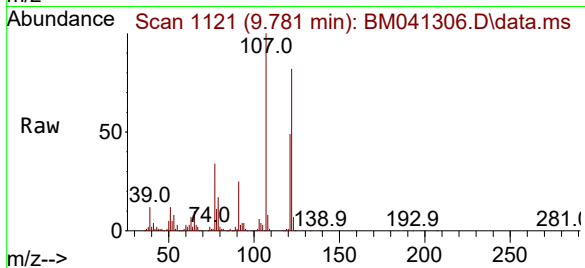




#27
2,4-Dimethylphenol
Concen: 40.969 ng
RT: 9.781 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

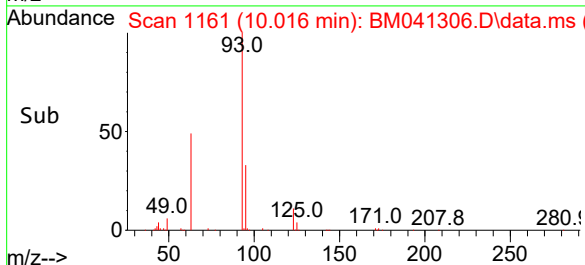
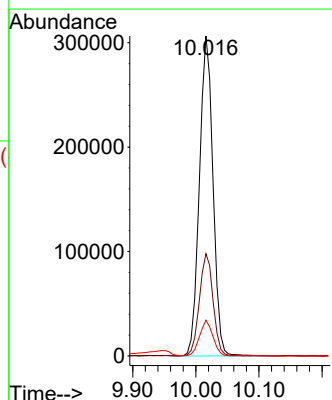
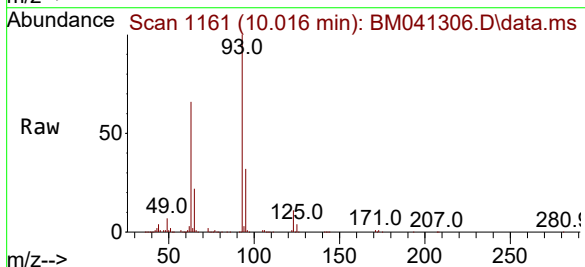
Instrument :
BNA_M
ClientSampleId :
PB154462BS

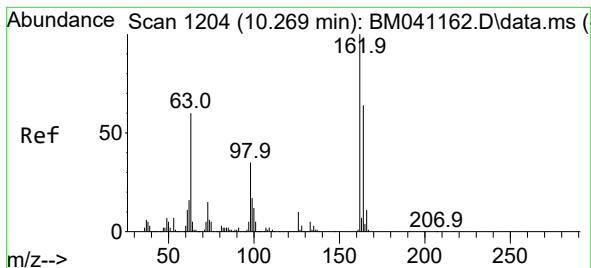
Tgt Ion:122 Resp: 295295
Ion Ratio Lower Upper
122 100
107 121.4 94.3 141.5
121 58.9 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.579 ng
RT: 10.016 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 93 Resp: 458082
Ion Ratio Lower Upper
93 100
95 31.9 25.9 38.9
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.510 ng

RT: 10.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

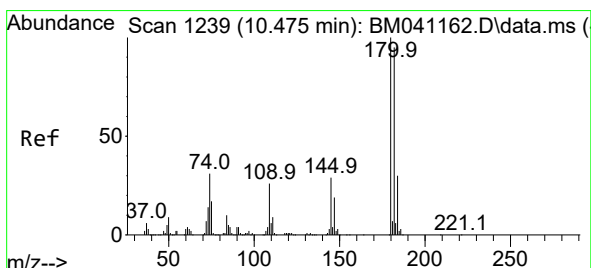
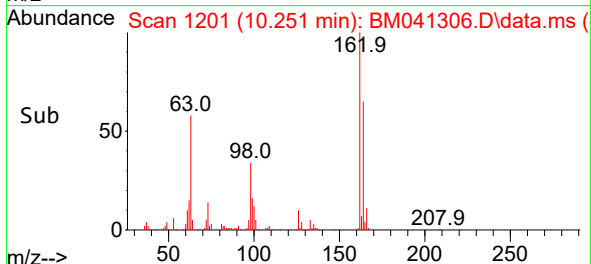
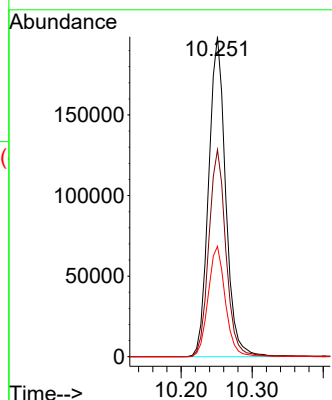
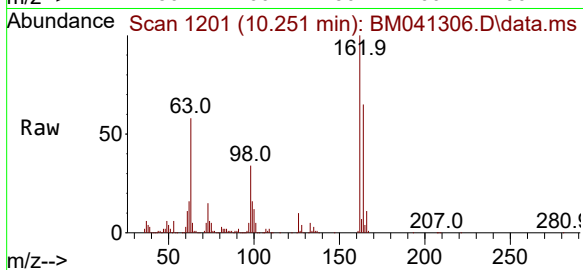
Tgt Ion:162 Resp: 330792

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 34.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 48.508 ng

RT: 10.457 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

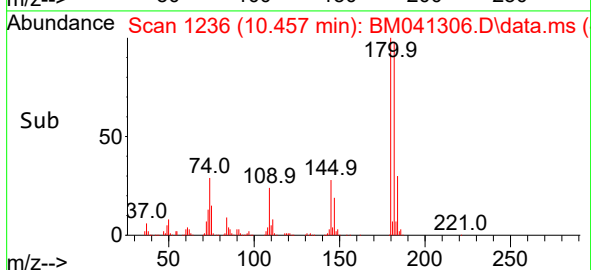
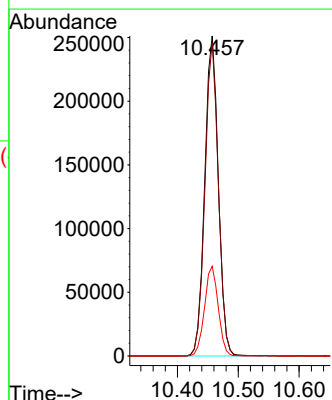
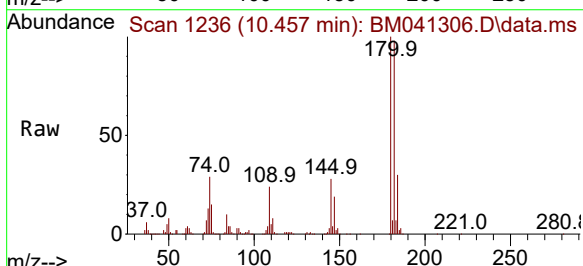
Tgt Ion:180 Resp: 389551

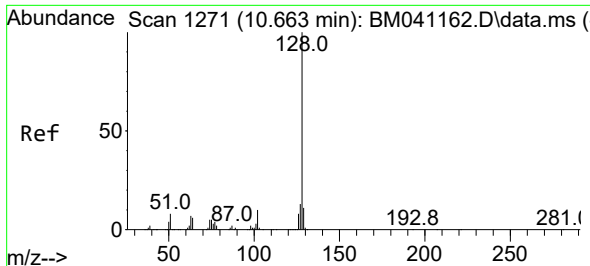
Ion Ratio Lower Upper

180 100

182 98.2 75.9 113.9

145 28.0 23.6 35.4

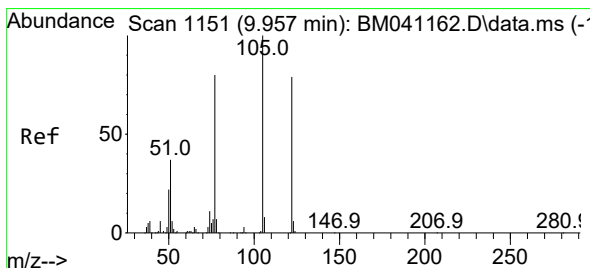
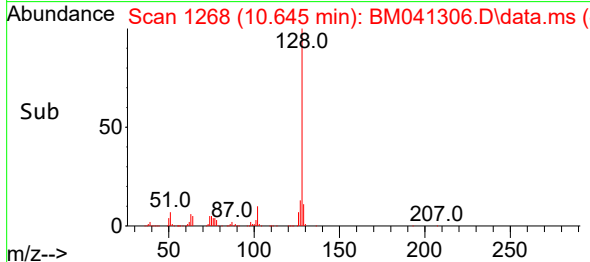
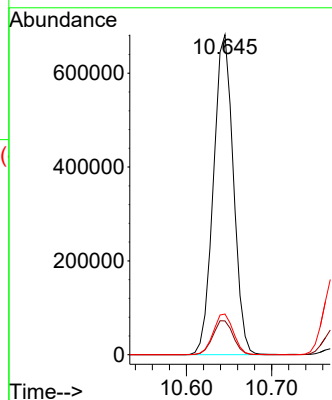
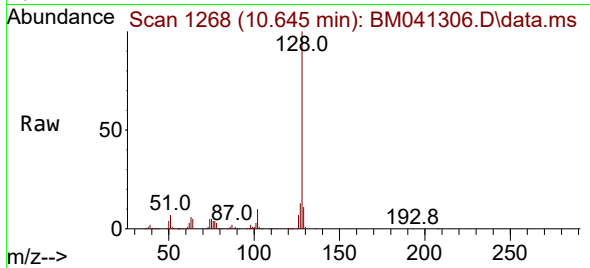




#31
Naphthalene
Concen: 42.311 ng
RT: 10.645 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

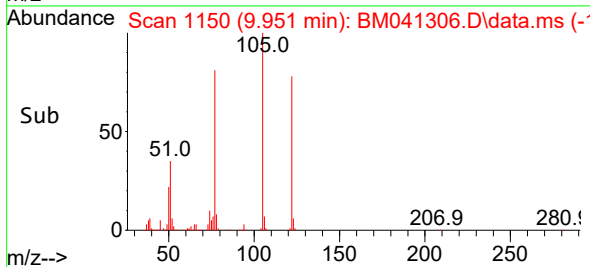
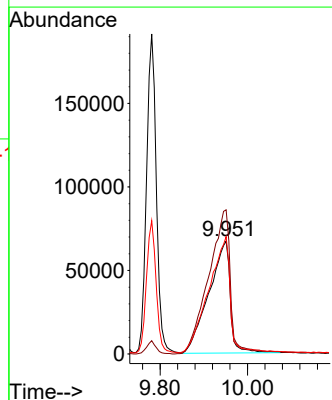
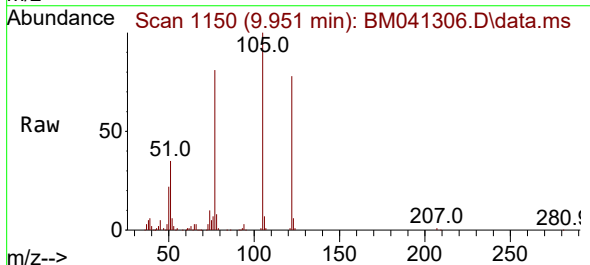
Instrument :
BNA_M
ClientSampleId :
PB154462BS

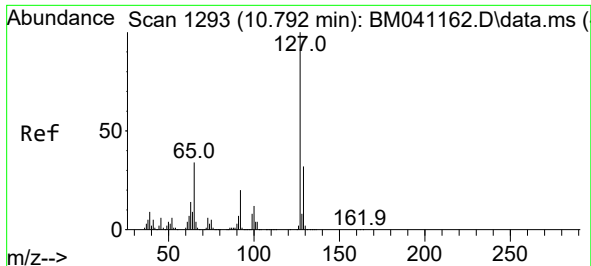
Tgt Ion:128 Resp: 1106299
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.7 10.5 15.7



#32
Benzoic acid
Concen: 42.967 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:122 Resp: 227822
Ion Ratio Lower Upper
122 100
105 127.8 104.0 144.0
77 104.1 79.9 119.9

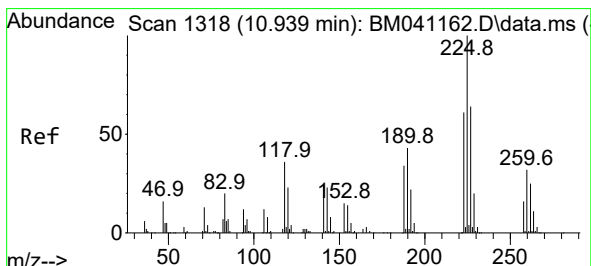
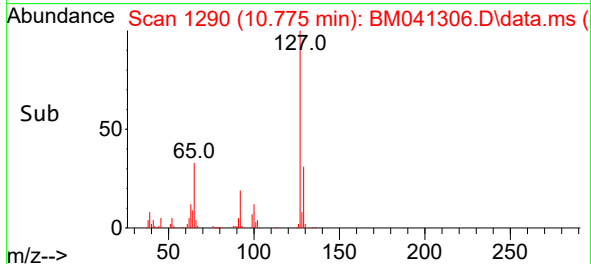
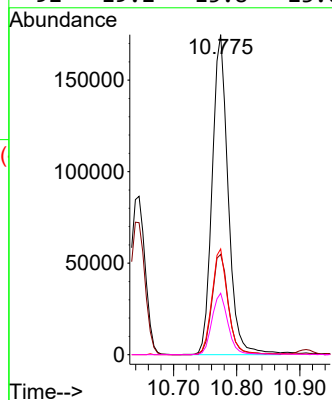
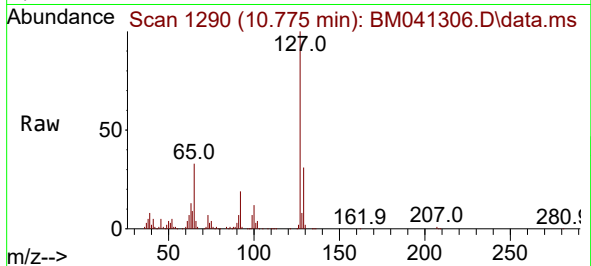




#33
4-Chloroaniline
Concen: 29.470 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

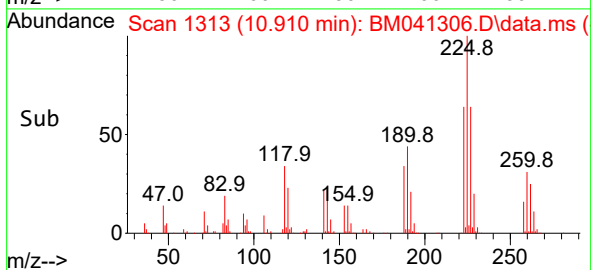
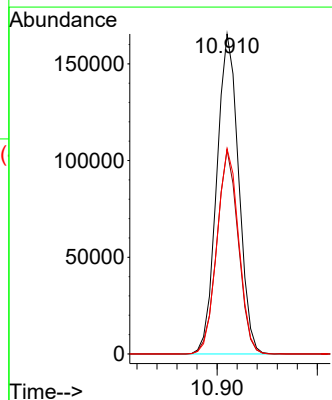
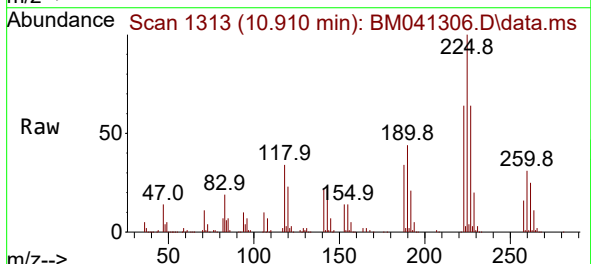
Instrument :
BNA_M
ClientSampleId :
PB154462BS

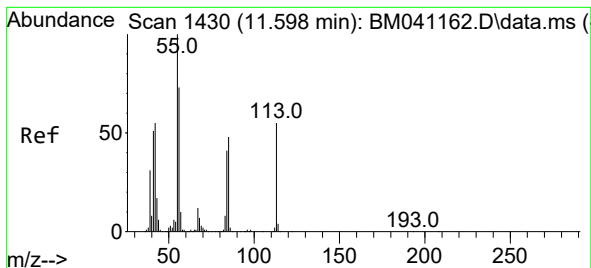
Tgt Ion:127	Resp: 307936
Ion Ratio	Lower Upper
127 100	
129 31.4	25.9 38.9
65 33.1	26.9 40.3
92 19.2	15.8 23.6



#34
Hexachlorobutadiene
Concen: 51.850 ng
RT: 10.910 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:225	Resp: 250430
Ion Ratio	Lower Upper
225 100	
223 63.8	49.0 73.4
227 64.1	50.8 76.2

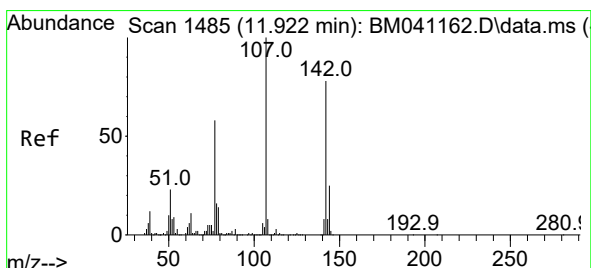
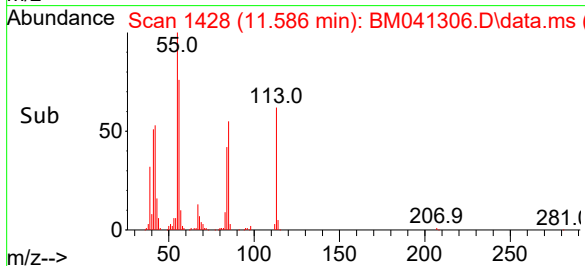
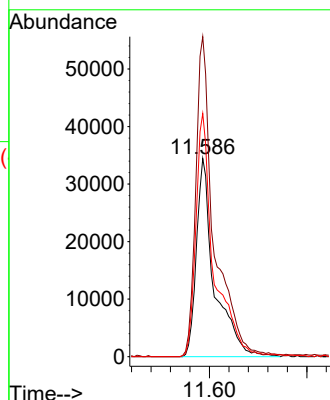
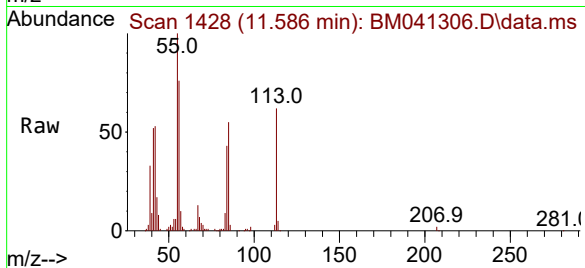




#35
Caprolactam
Concen: 42.119 ng
RT: 11.586 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

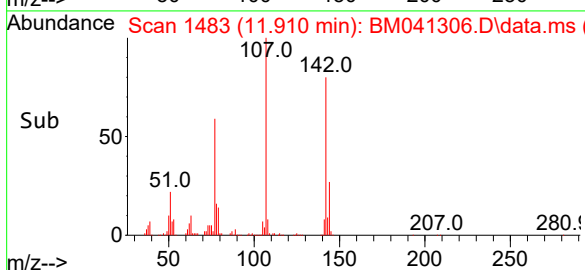
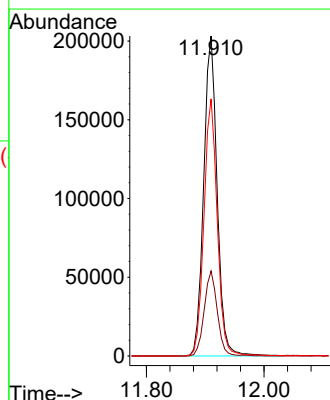
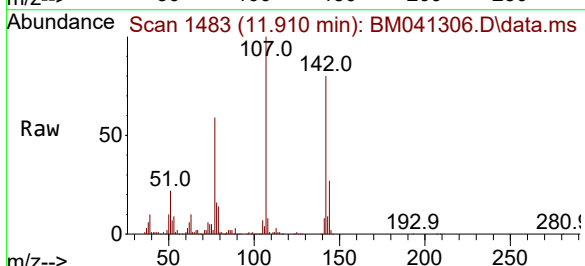
Instrument :
BNA_M
ClientSampleId :
PB154462BS

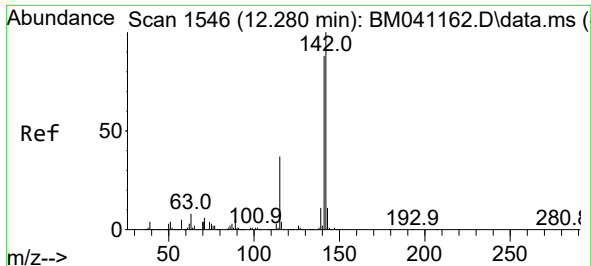
Tgt Ion:113 Resp: 88561
Ion Ratio Lower Upper
113 100
55 161.5 162.5 202.5#
56 122.8 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 42.227 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:107 Resp: 323055
Ion Ratio Lower Upper
107 100
144 26.5 20.1 30.1
142 80.3 62.2 93.4

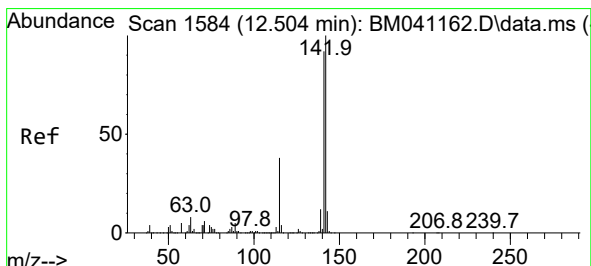
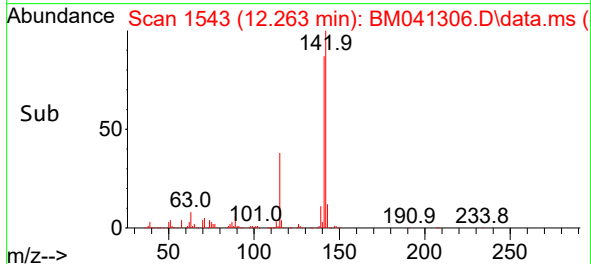
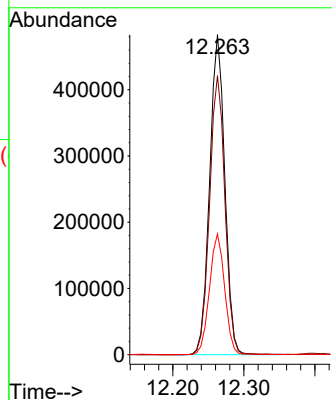
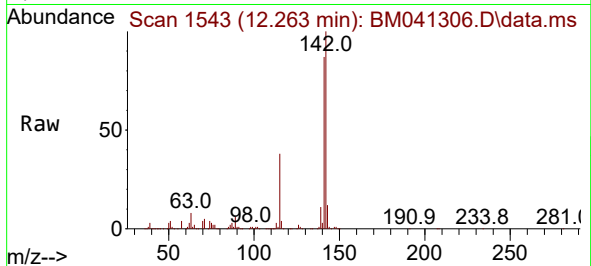




#37
2-Methylnaphthalene
Concen: 40.740 ng
RT: 12.263 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

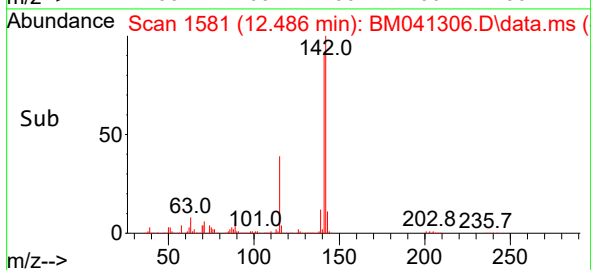
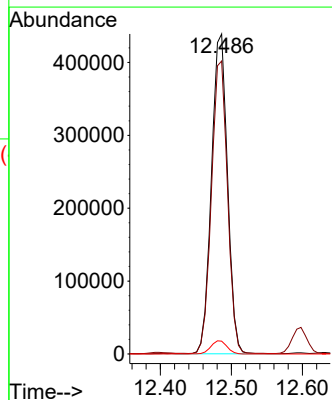
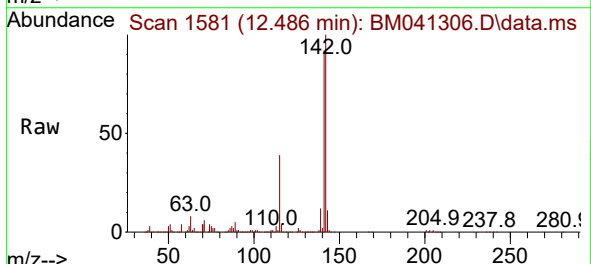
Instrument :
BNA_M
ClientSampleId :
PB154462BS

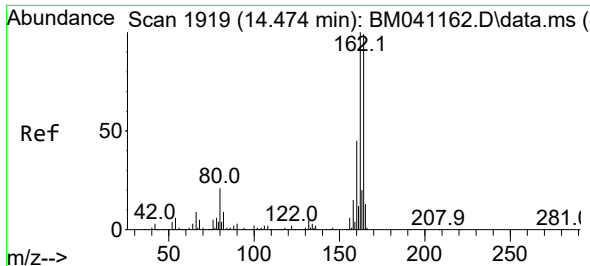
Tgt Ion:142 Resp: 718161
Ion Ratio Lower Upper
142 100
141 87.2 70.7 106.1
115 37.8 29.3 43.9



#38
1-Methylnaphthalene
Concen: 41.713 ng
RT: 12.486 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:142 Resp: 688204
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 4.0 3.2 4.8

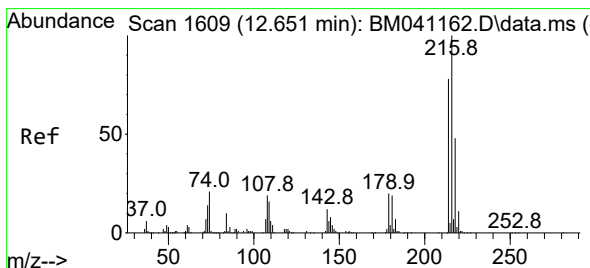
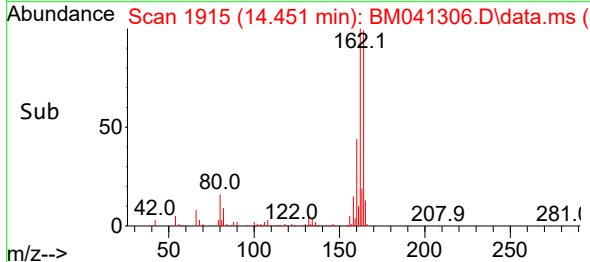
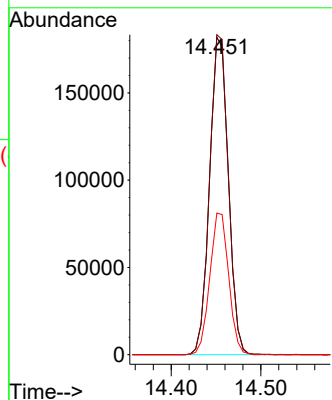
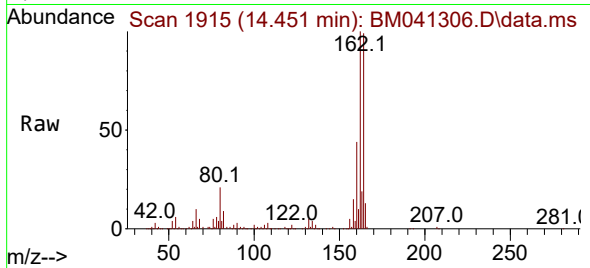




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

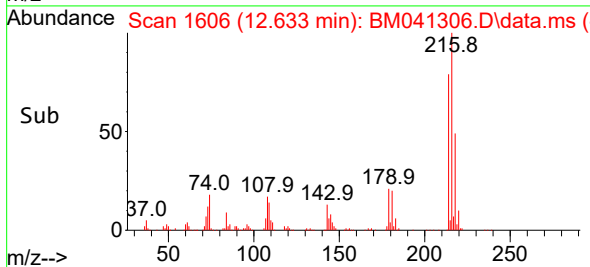
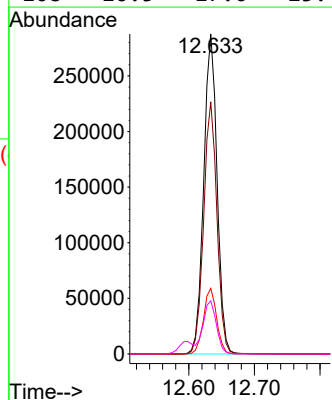
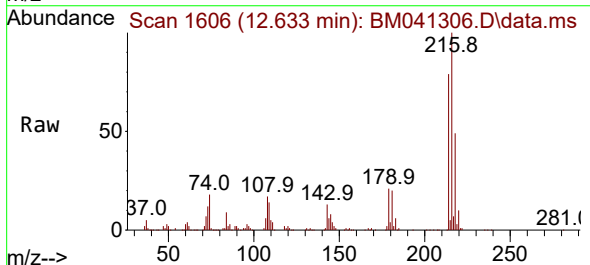
Instrument :
 BNA_M
 ClientSampleId :
 PB154462BS

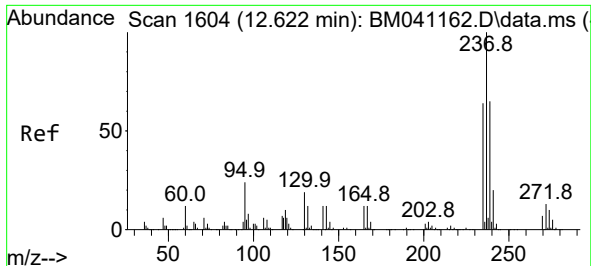
Tgt Ion:164 Resp: 264010
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.4 120.6
 160 44.6 36.2 54.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.641 ng
 RT: 12.633 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

Tgt Ion:216 Resp: 408409
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.2 94.8
 179 20.2 16.2 24.2
 108 16.5 17.0 25.4#

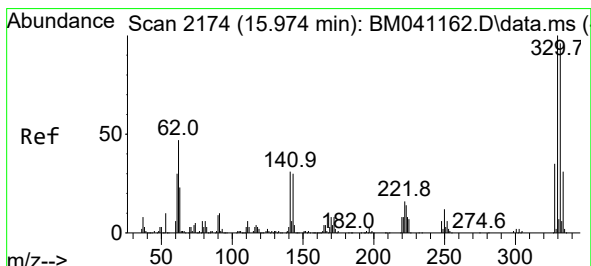
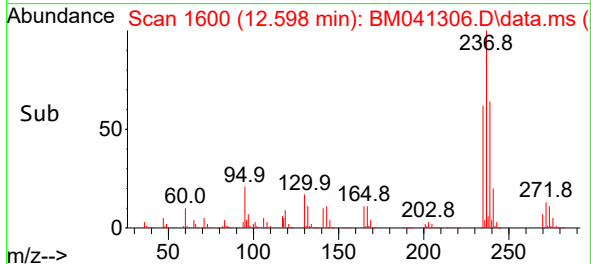
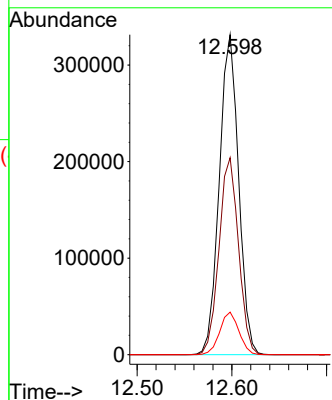
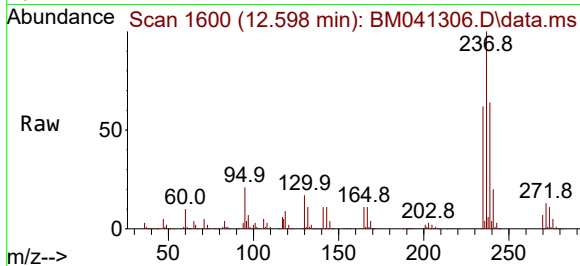




#41
Hexachlorocyclopentadiene
Concen: 103.611 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

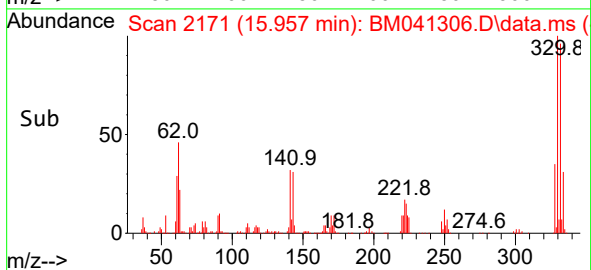
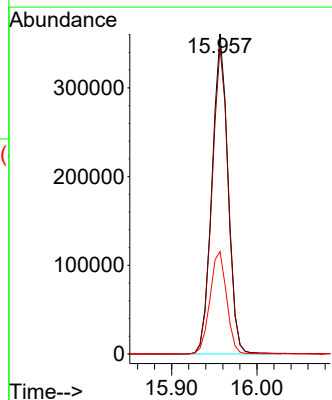
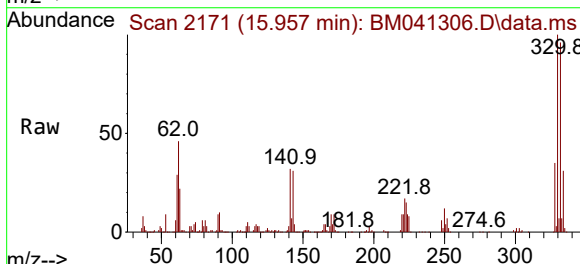
Instrument :
BNA_M
ClientSampleId :
PB154462BS

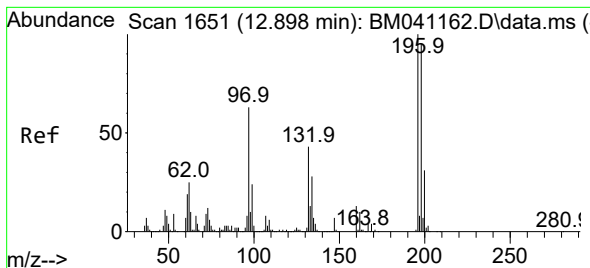
Tgt Ion:237 Resp: 469913
Ion Ratio Lower Upper
237 100
235 61.6 43.6 83.6
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 125.960 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:330 Resp: 470371
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 33.3 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 46.960 ng

RT: 12.886 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

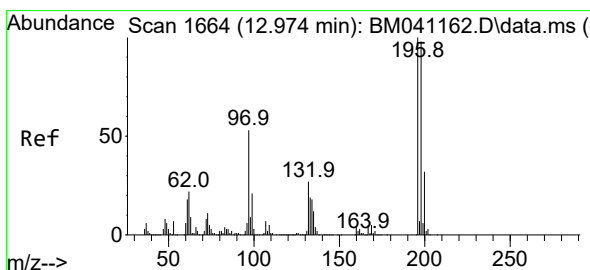
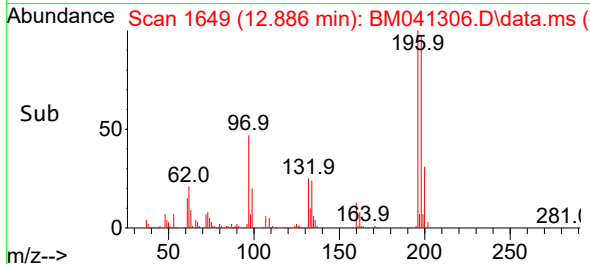
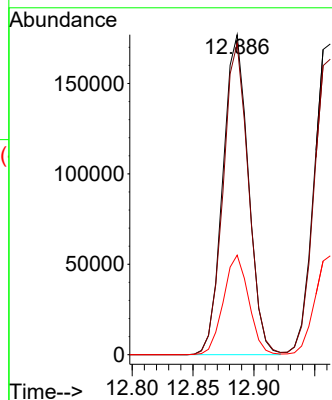
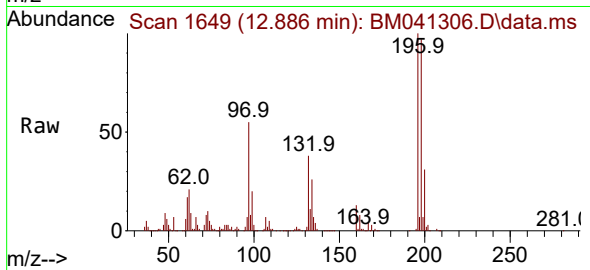
Tgt Ion:196 Resp: 258027

Ion Ratio Lower Upper

196 100

198 97.3 76.2 114.4

200 31.1 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 43.454 ng

RT: 12.963 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Tgt Ion:196 Resp: 276347

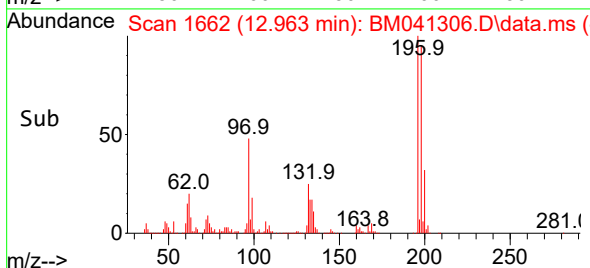
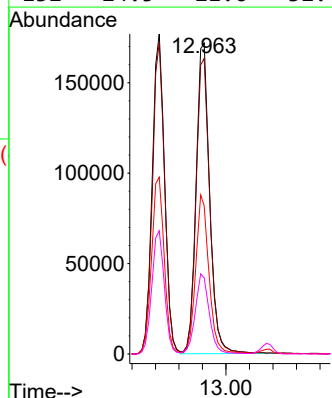
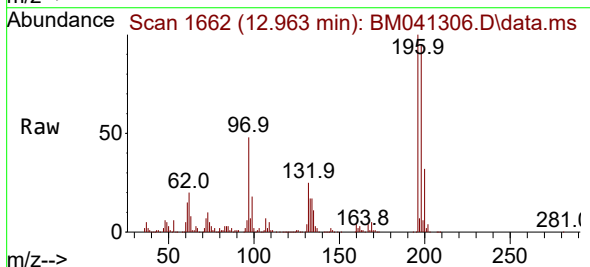
Ion Ratio Lower Upper

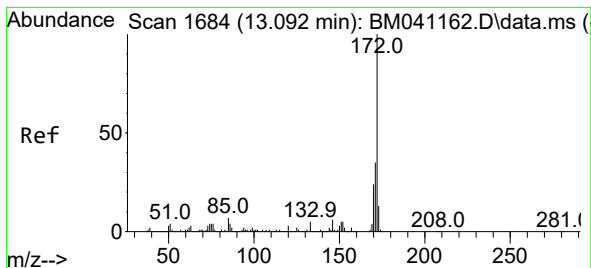
196 100

198 95.1 78.2 117.4

97 47.7 42.7 64.1

132 24.5 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 81.658 ng

RT: 13.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

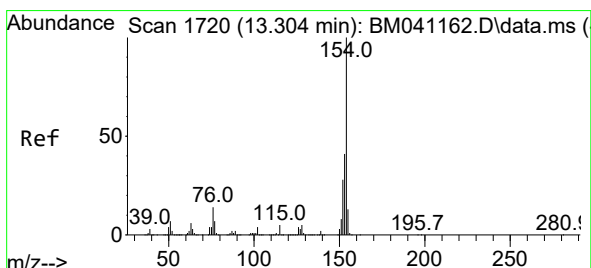
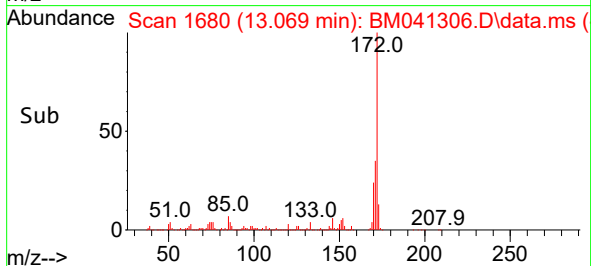
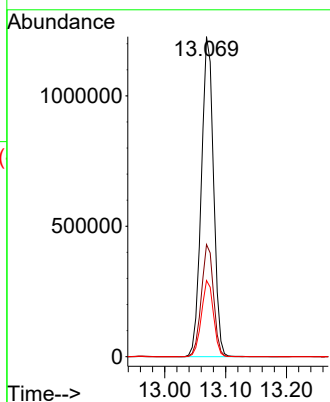
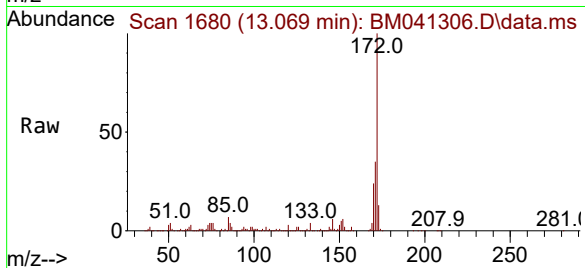
Tgt Ion:172 Resp: 1706595

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.781 ng

RT: 13.280 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

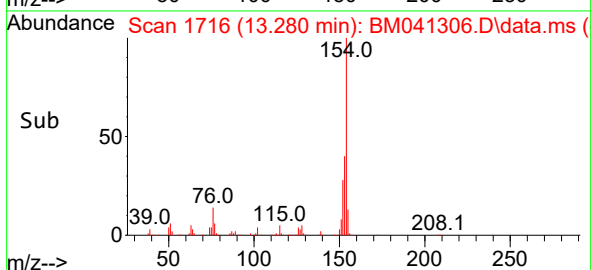
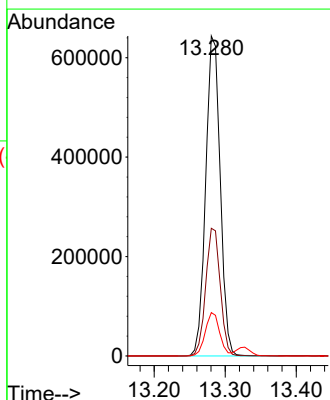
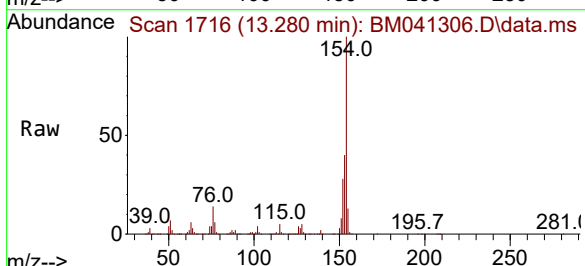
Tgt Ion:154 Resp: 915644

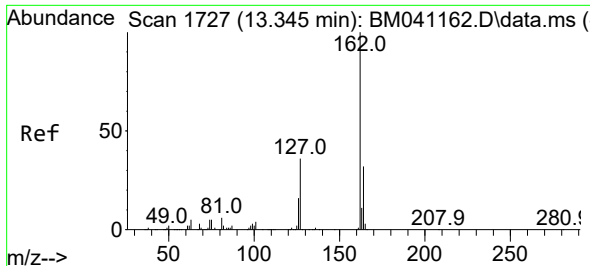
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

76 13.6 0.0 34.1

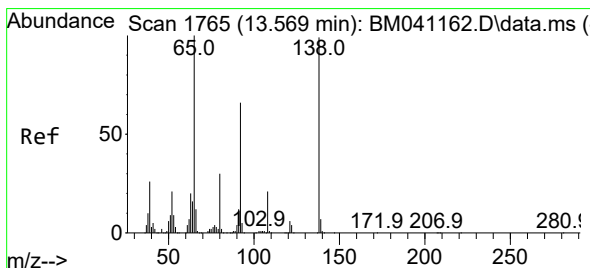
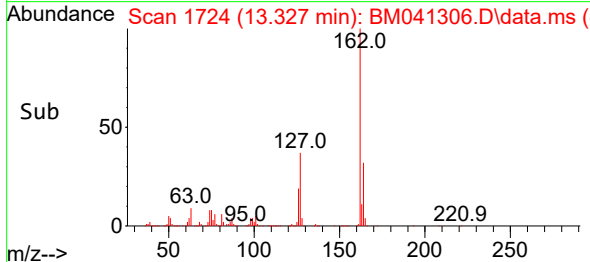
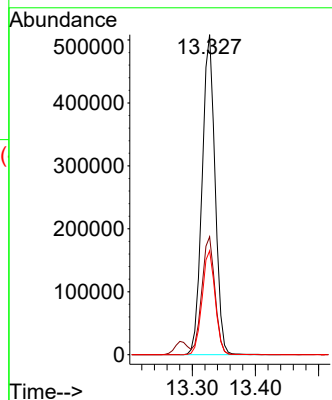
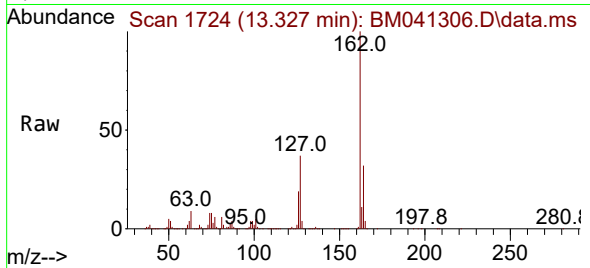




#47
2-Chloronaphthalene
Concen: 45.408 ng
RT: 13.327 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

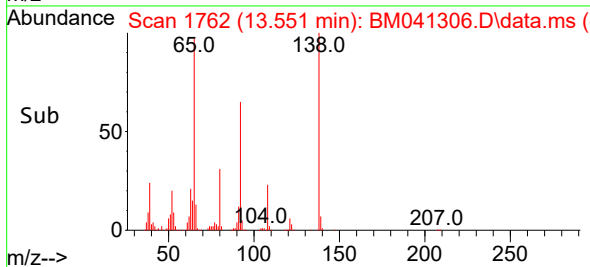
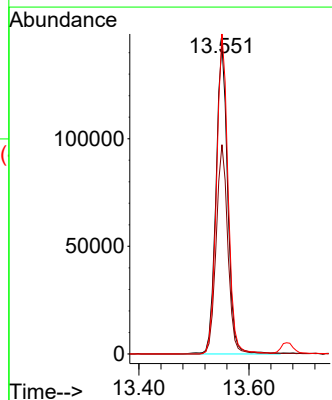
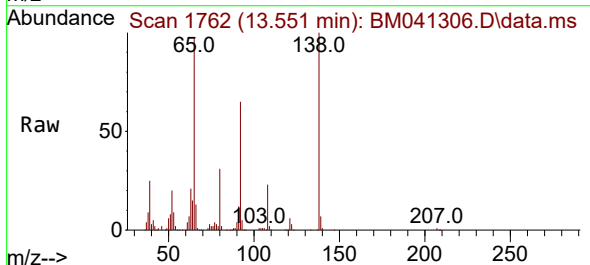
Instrument :
BNA_M
ClientSampleId :
PB154462BS

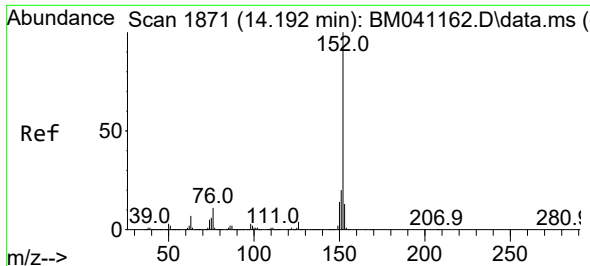
Tgt Ion:162 Resp: 725662
Ion Ratio Lower Upper
162 100
127 36.8 30.6 45.8
164 32.4 25.6 38.4



#48
2-Nitroaniline
Concen: 41.913 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion: 65 Resp: 213803
Ion Ratio Lower Upper
65 100
92 67.7 53.0 79.4
138 103.6 79.1 118.7

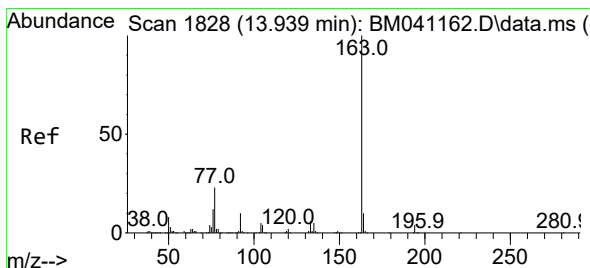
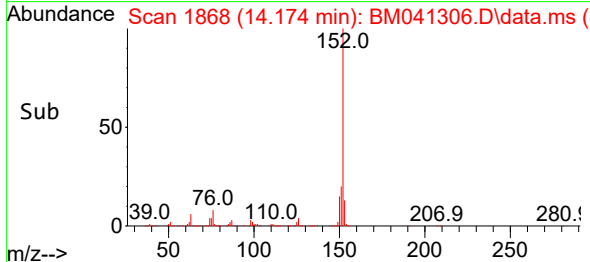
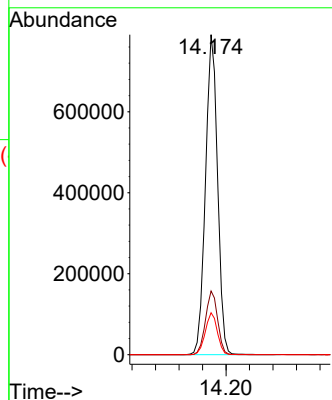
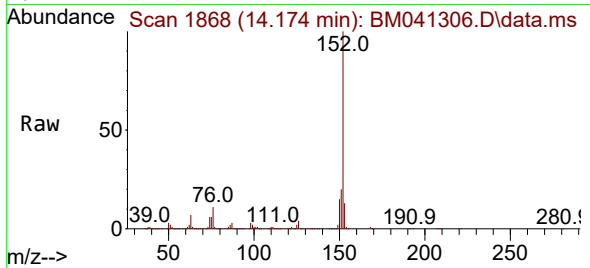




#49
Acenaphthylene
Concen: 43.530 ng
RT: 14.174 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

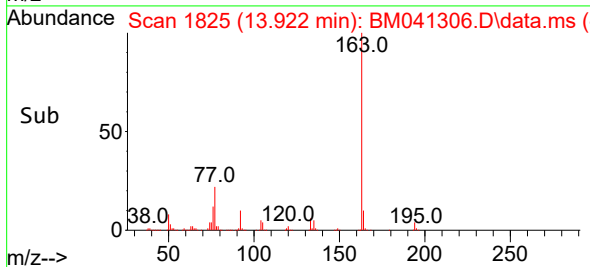
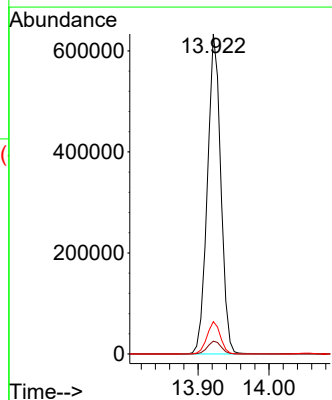
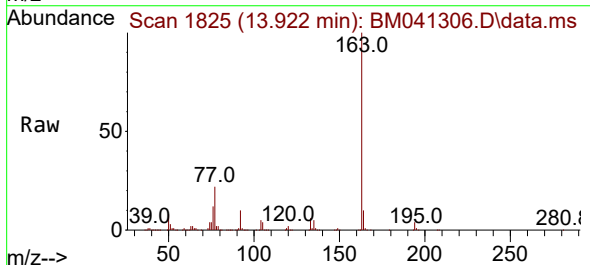
Instrument :
BNA_M
ClientSampleId :
PB154462BS

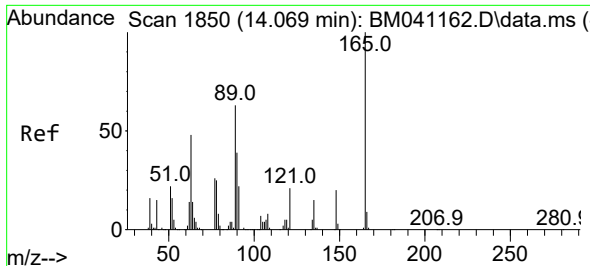
Tgt Ion:152 Resp: 1122835
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 41.912 ng
RT: 13.922 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:163 Resp: 832331
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.3 12.5

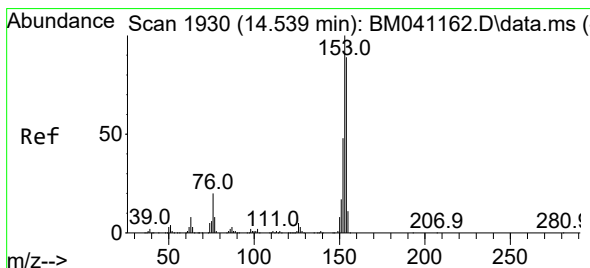
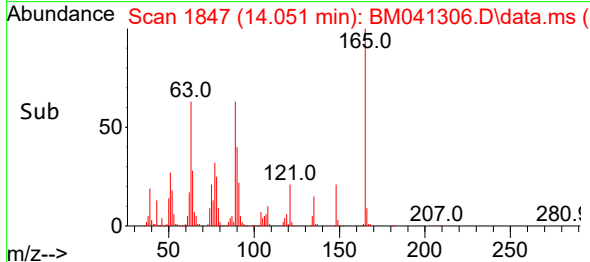
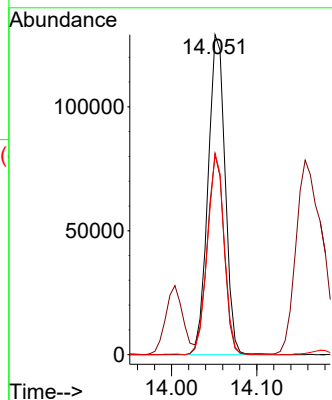
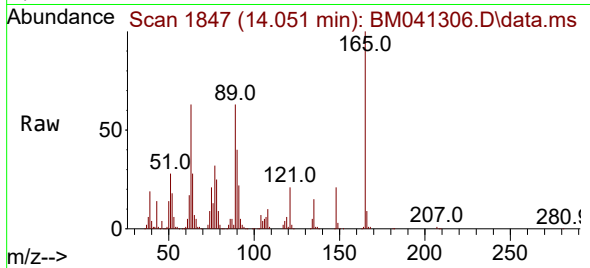




#51
2,6-Dinitrotoluene
Concen: 43.810 ng
RT: 14.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

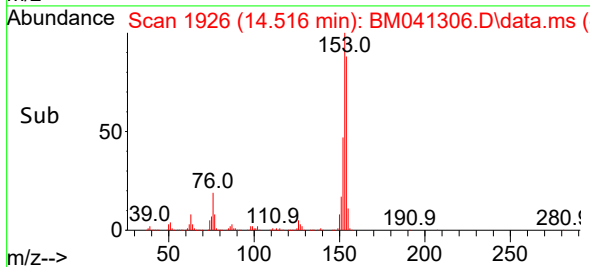
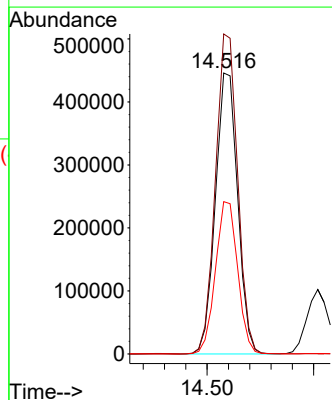
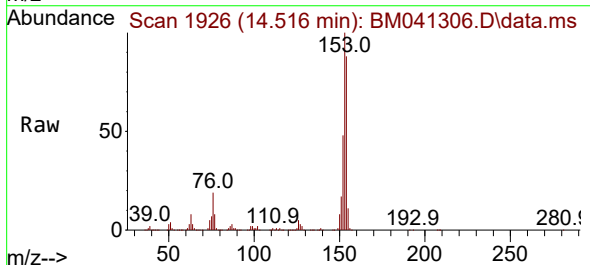
Instrument :
BNA_M
ClientSampleId :
PB154462BS

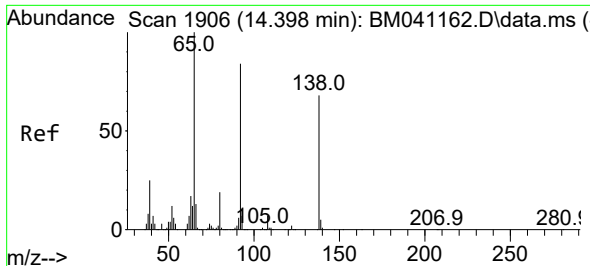
Tgt Ion:165 Resp: 180273
Ion Ratio Lower Upper
165 100
63 62.5 50.9 76.3
89 62.9 50.6 76.0



#52
Acenaphthene
Concen: 41.573 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:154 Resp: 646011
Ion Ratio Lower Upper
154 100
153 113.9 90.2 135.4
152 54.2 43.4 65.0

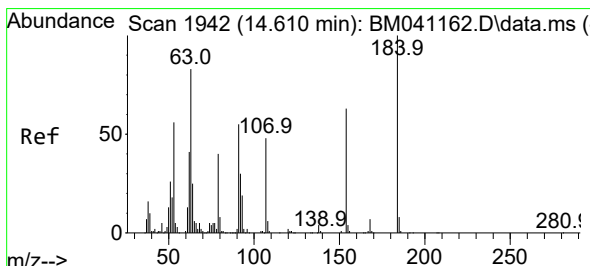
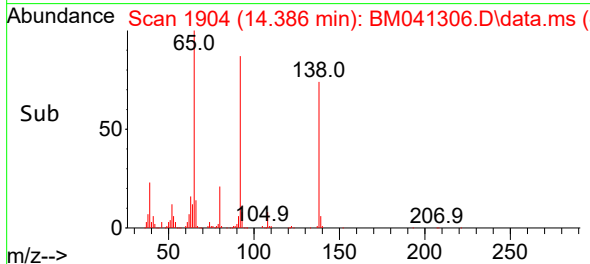
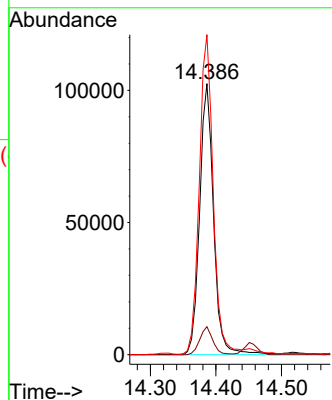
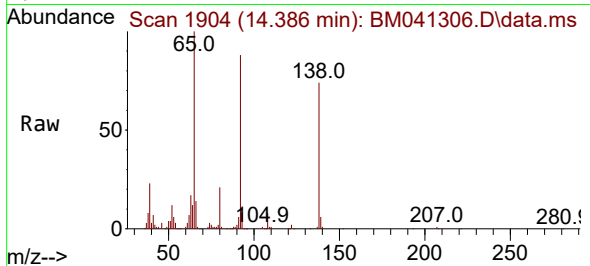




#53
3-Nitroaniline
Concen: 32.785 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

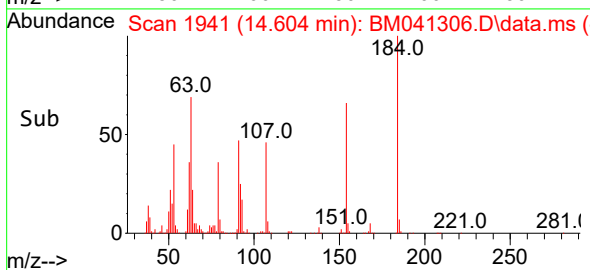
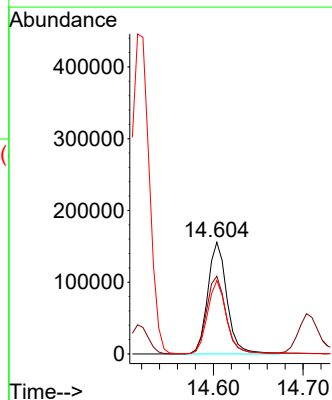
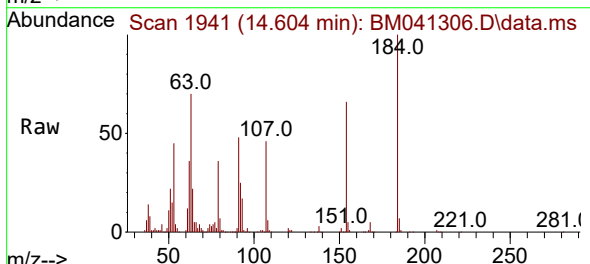
Instrument :
BNA_M
ClientSampleId :
PB154462BS

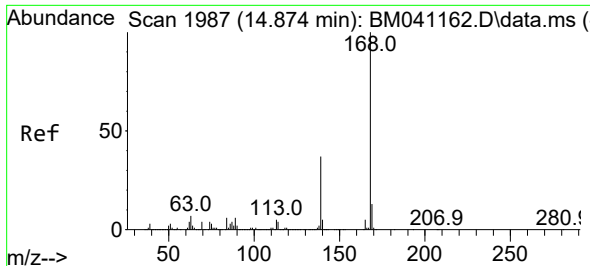
Tgt Ion:138 Resp: 151998
Ion Ratio Lower Upper
138 100
108 10.3 7.6 11.4
92 118.1 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 83.107 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:184 Resp: 231613
Ion Ratio Lower Upper
184 100
63 69.5 66.5 99.7
154 65.7 52.8 79.2

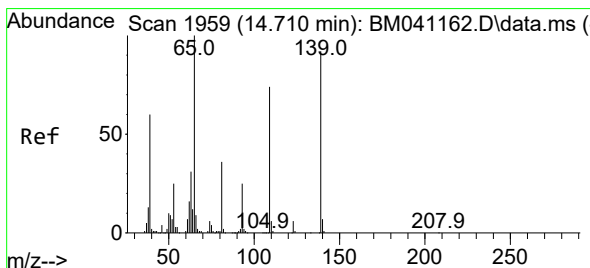
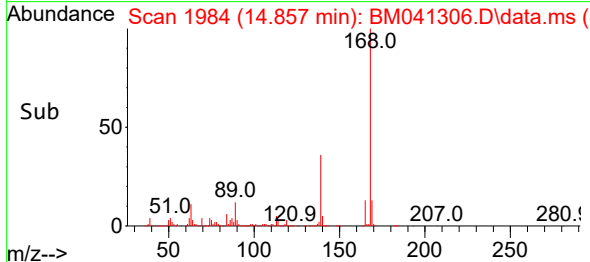
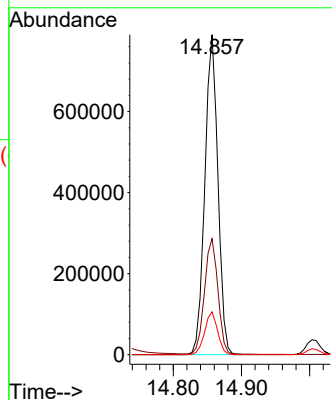
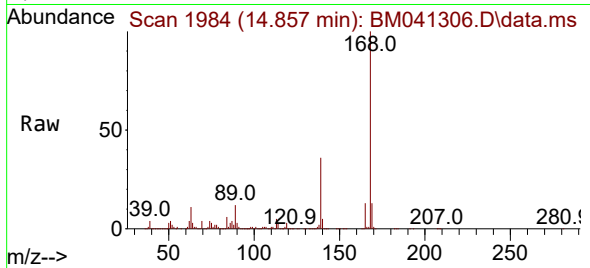




#55
Dibenzenofuran
Concen: 41.469 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

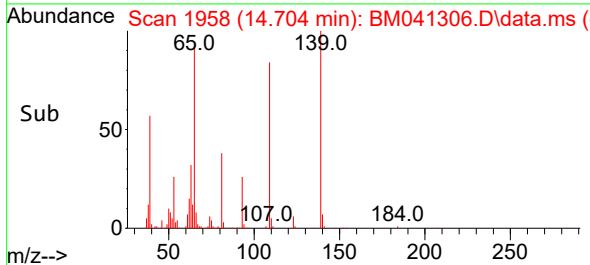
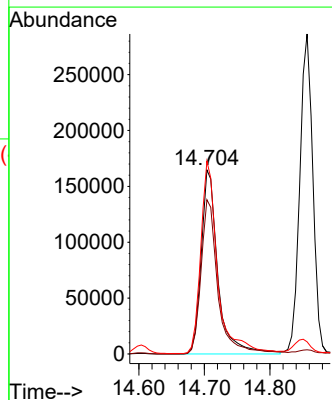
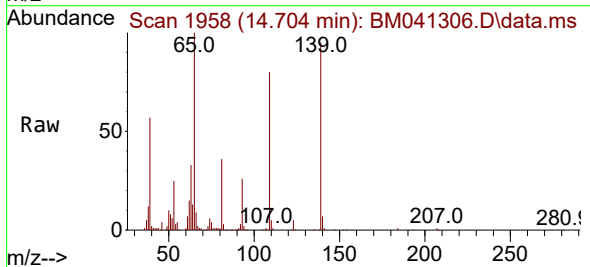
Instrument :
BNA_M
ClientSampleId :
PB154462BS

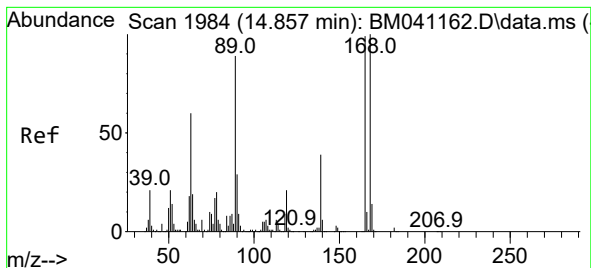
Tgt Ion:168 Resp: 1051378
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 85.359 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:139 Resp: 292729
Ion Ratio Lower Upper
139 100
109 83.8 61.2 101.2
65 104.7 89.5 129.5

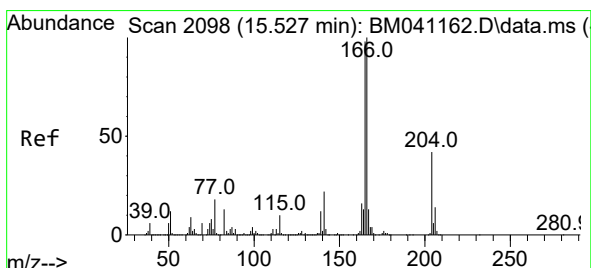
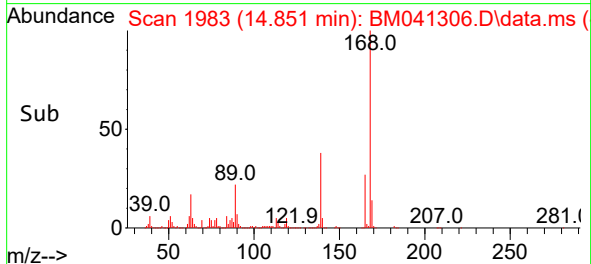
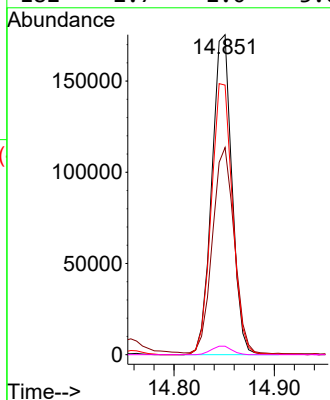
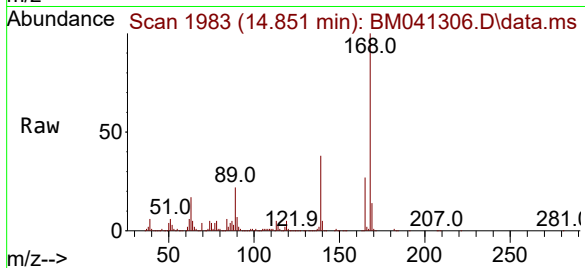




#57
2,4-Dinitrotoluene
Concen: 41.926 ng
RT: 14.851 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

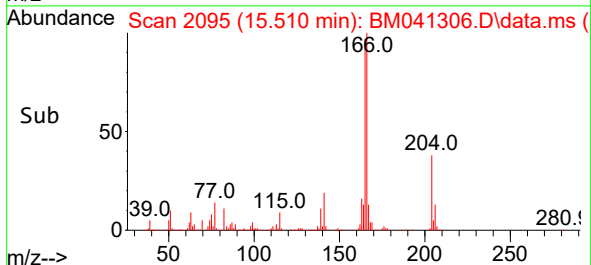
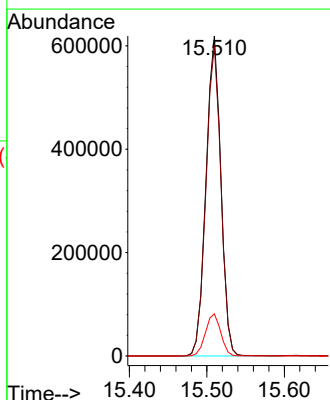
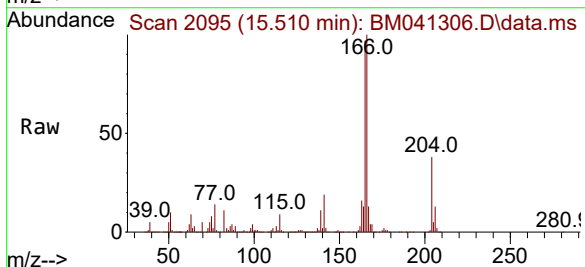
Instrument :
BNA_M
ClientSampleId :
PB154462BS

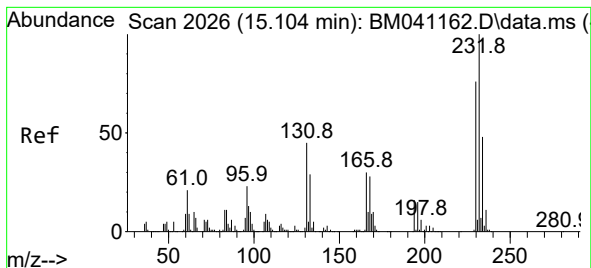
Tgt Ion:165 Resp: 244268
Ion Ratio Lower Upper
165 100
63 64.8 48.3 72.5
89 84.2 71.8 107.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 41.287 ng
RT: 15.510 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:166 Resp: 825768
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.2 10.6 16.0

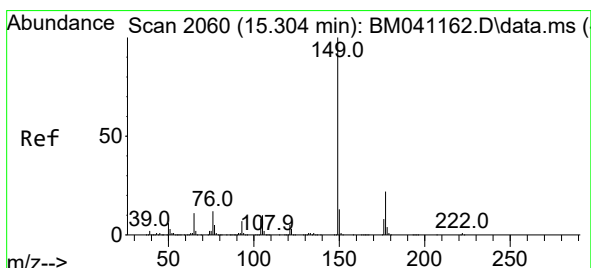
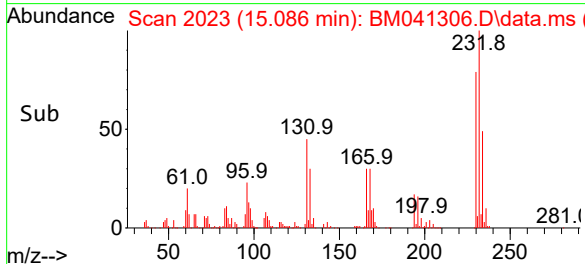
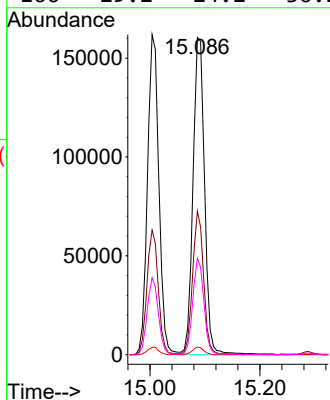
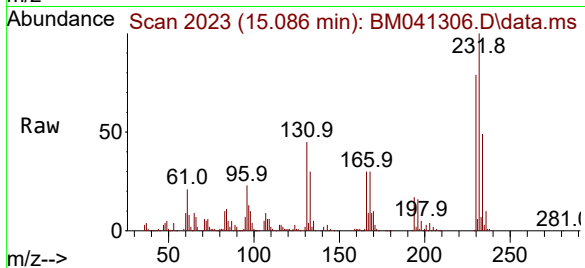




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.744 ng
RT: 15.086 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

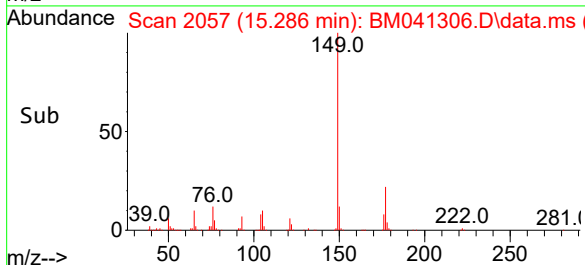
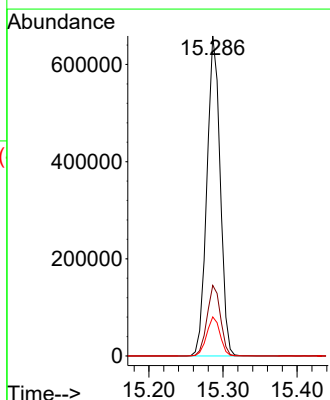
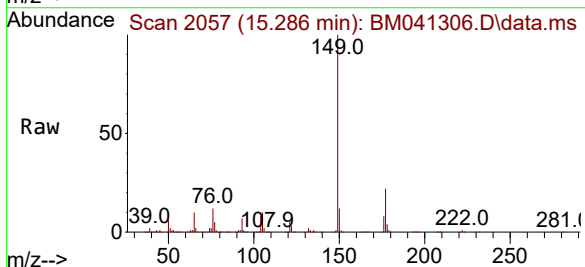
Instrument :
BNA_M
ClientSampleId :
PB154462BS

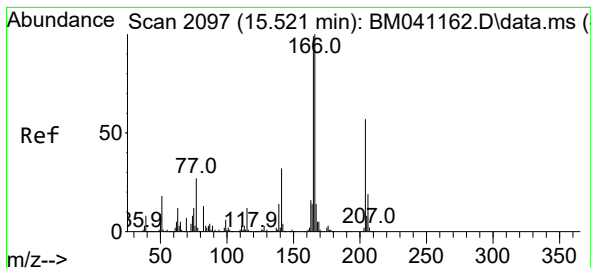
Tgt Ion:232 Resp: 235570
Ion Ratio Lower Upper
232 100
131 42.4 36.9 55.3
130 2.3 2.0 3.0
166 29.2 24.2 36.2



#60
Diethylphthalate
Concen: 42.693 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:149 Resp: 819916
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.2 10.1 15.1

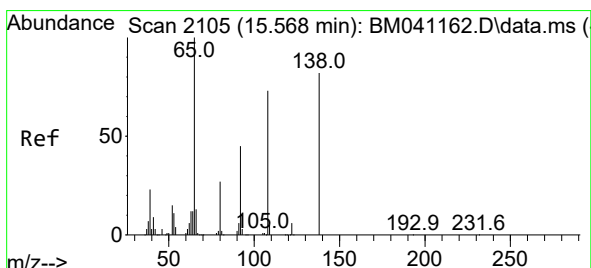
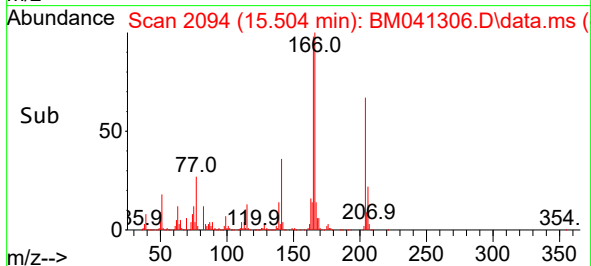
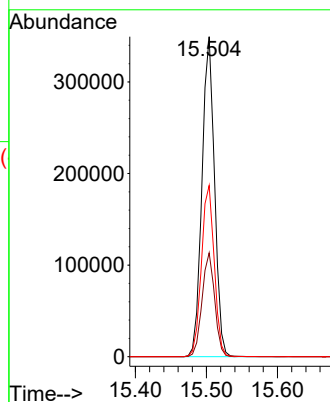
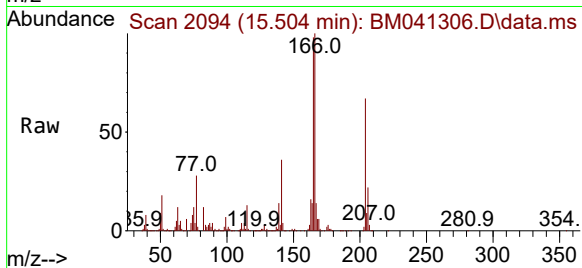




#61
4-Chlorophenyl-phenylether
Concen: 43.010 ng
RT: 15.504 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

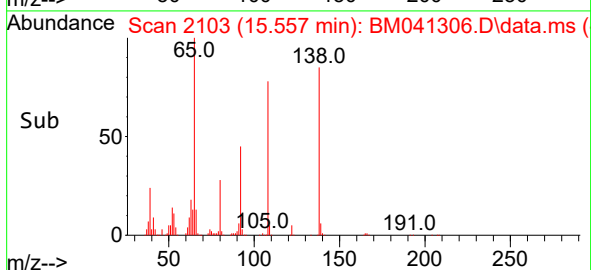
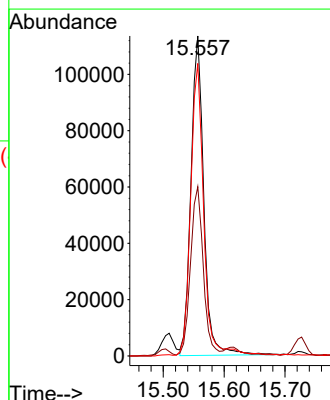
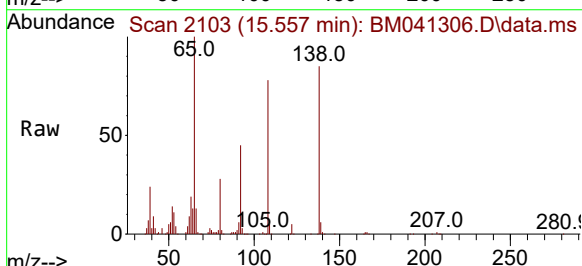
Instrument :
BNA_M
ClientSampleId :
PB154462BS

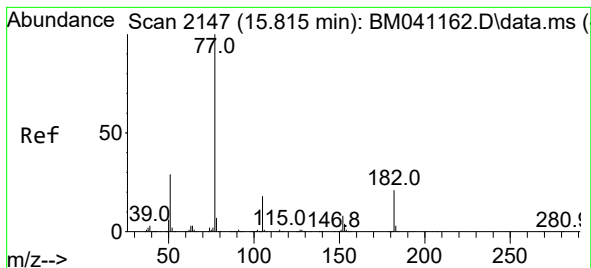
Tgt Ion:204 Resp: 431076
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 53.5 44.8 67.2



#62
4-Nitroaniline
Concen: 38.656 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:138 Resp: 165774
Ion Ratio Lower Upper
138 100
92 52.9 35.1 75.1
108 91.4 67.8 107.8





#63

Azobenzene

Concen: 39.909 ng

RT: 15.798 min Scan# 2147

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

Tgt Ion: 77 Resp: 839565

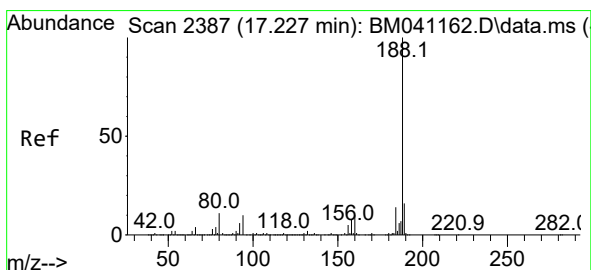
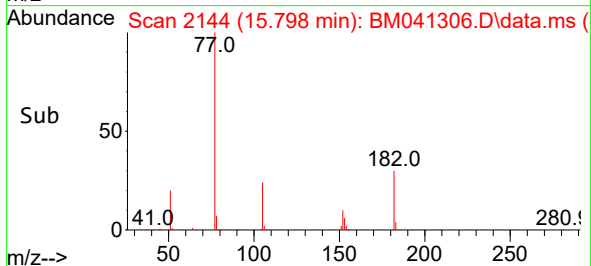
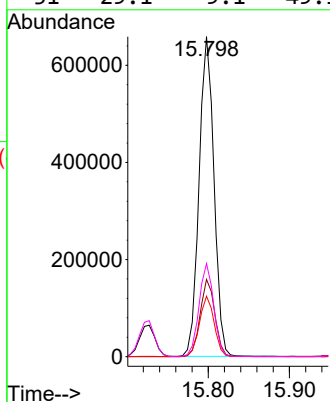
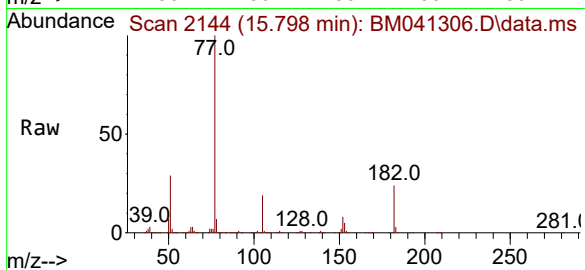
Ion Ratio Lower Upper

77 100

182 24.2 1.3 41.3

105 18.9 0.0 38.5

51 29.1 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2385

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

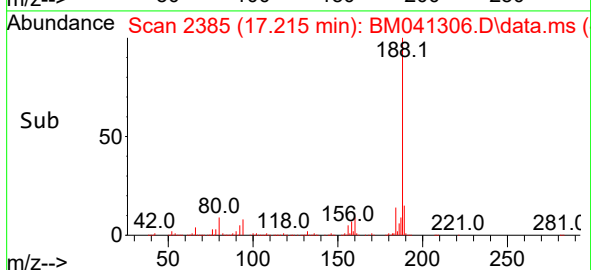
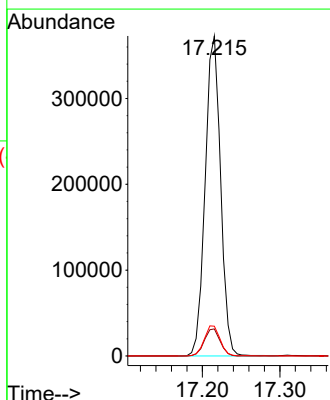
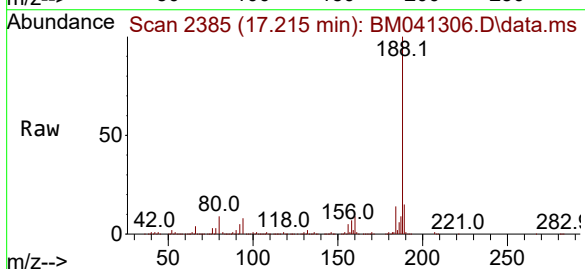
Tgt Ion: 188 Resp: 514461

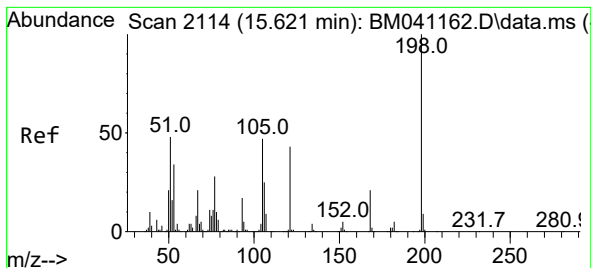
Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.3 8.6 13.0

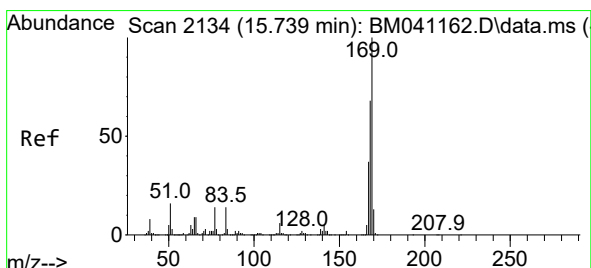
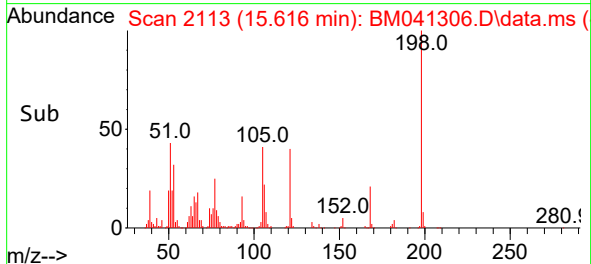
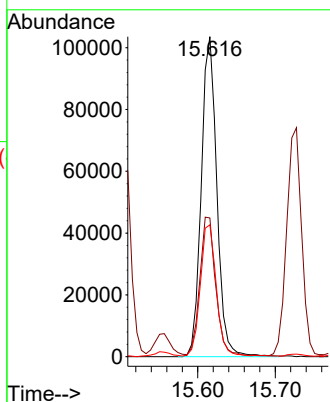
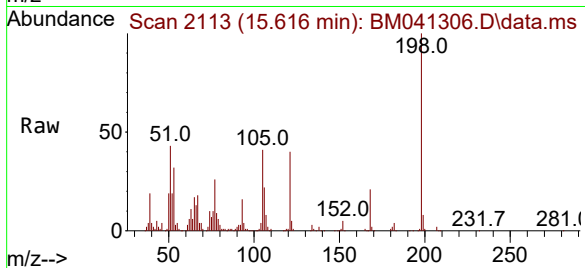




#65
4,6-Dinitro-2-methylphenol
Concen: 46.420 ng
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

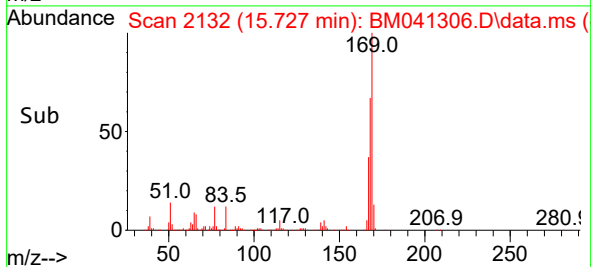
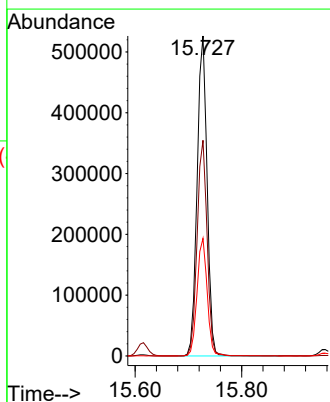
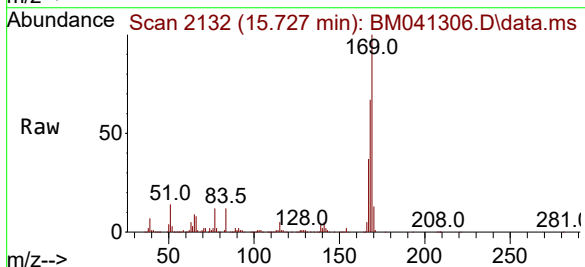
Instrument :
BNA_M
ClientSampleId :
PB154462BS

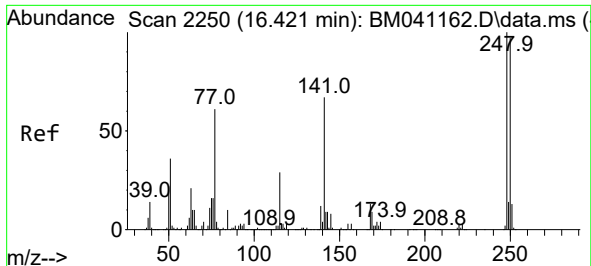
Tgt Ion:198 Resp: 144671
Ion Ratio Lower Upper
198 100
51 43.4 31.7 71.7
105 41.2 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 42.815 ng
RT: 15.727 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:169 Resp: 685043
Ion Ratio Lower Upper
169 100
168 67.4 54.6 81.8
167 36.8 29.9 44.9

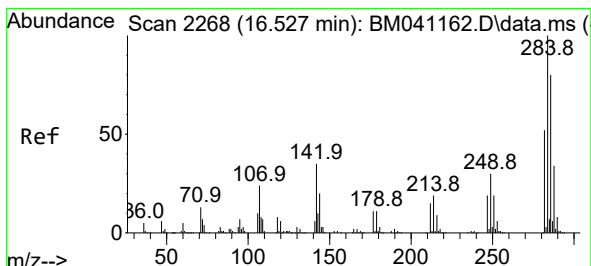
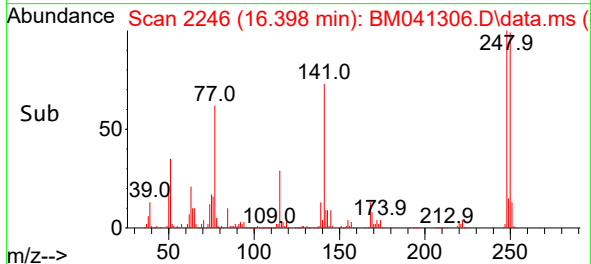
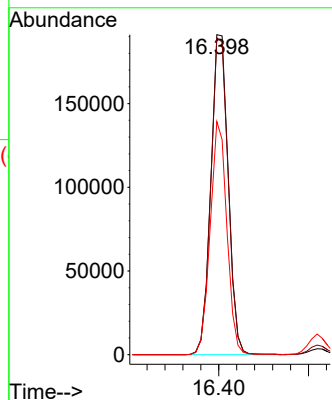
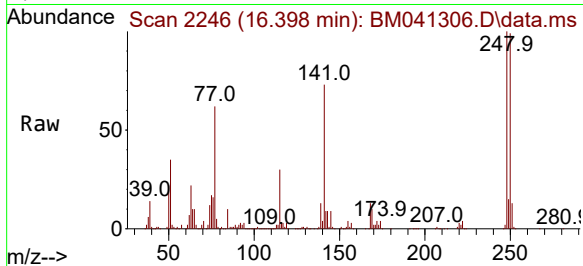




#67
4-Bromophenyl-phenylether
Concen: 45.614 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

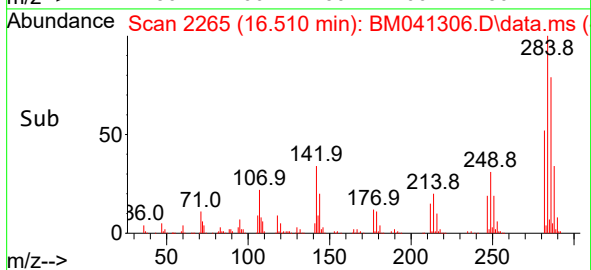
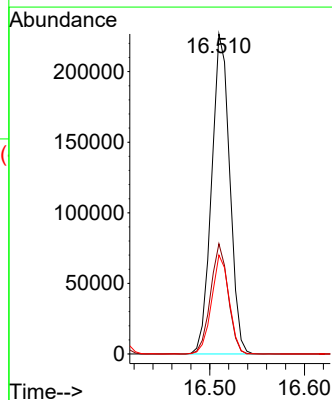
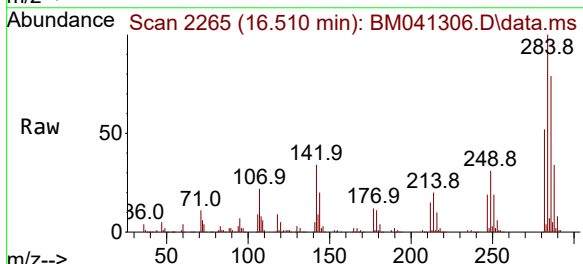
Instrument :
BNA_M
ClientSampleId :
PB154462BS

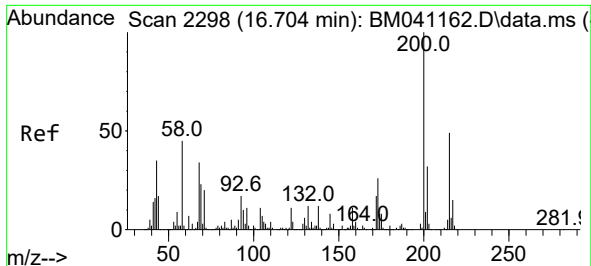
Tgt Ion:248 Resp: 257293
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 72.8 53.8 80.8



#68
Hexachlorobenzene
Concen: 48.100 ng
RT: 16.510 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:284 Resp: 301691
Ion Ratio Lower Upper
284 100
142 34.5 28.0 42.0
249 30.9 23.7 35.5

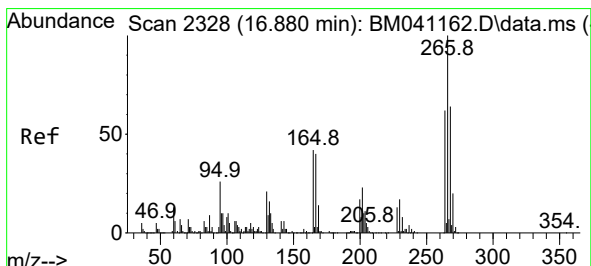
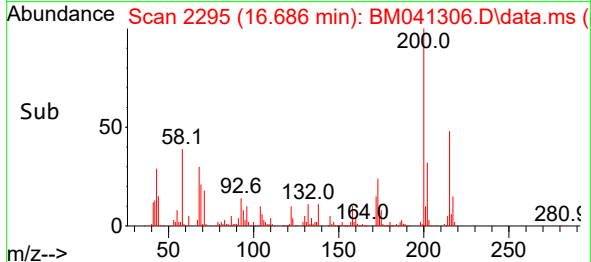
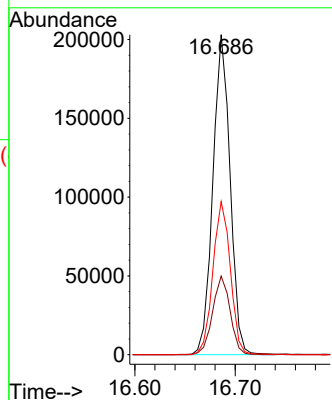
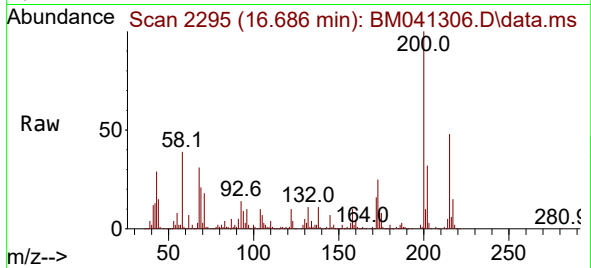




#69
 Atrazine
 Concen: 57.714 ng
 RT: 16.686 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

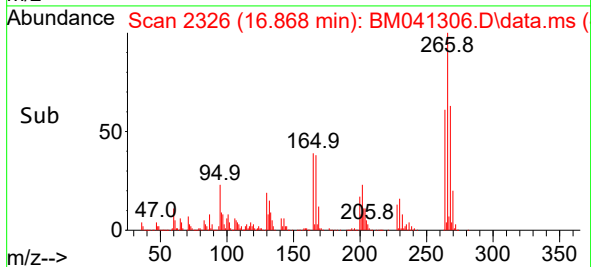
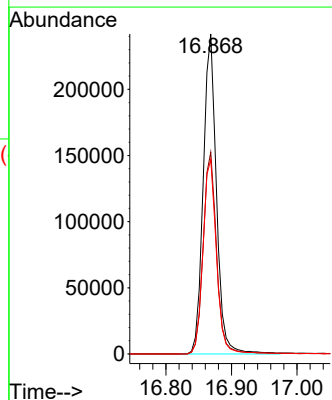
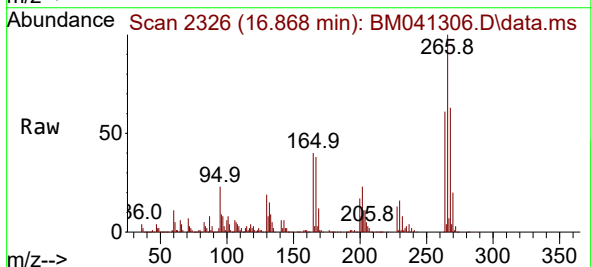
Instrument :
 BNA_M
 ClientSampleId :
 PB154462BS

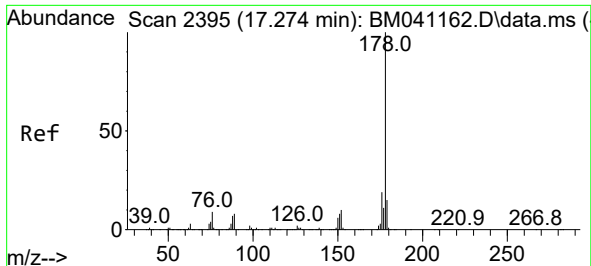
Tgt Ion:200 Resp: 242507
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.6 45.6
 215 47.8 28.5 68.5



#70
 Pentachlorophenol
 Concen: 78.286 ng
 RT: 16.868 min Scan# 2326
 Delta R.T. 0.000 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

Tgt Ion:266 Resp: 340014
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.0 76.6
 264 60.8 49.4 74.2

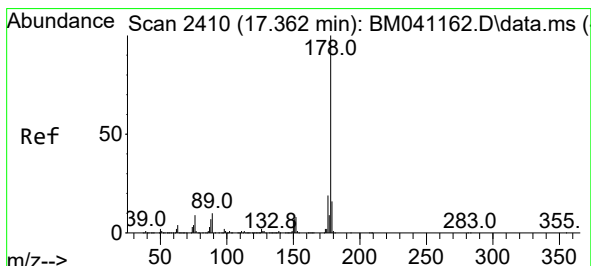
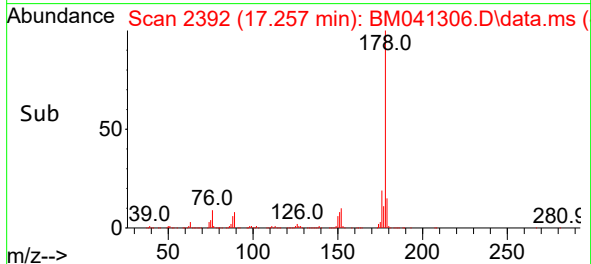
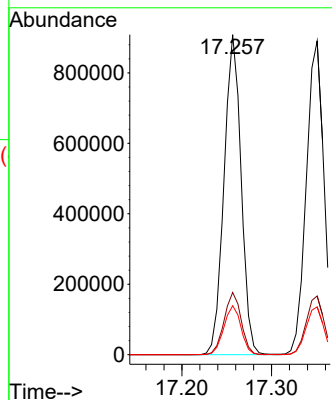
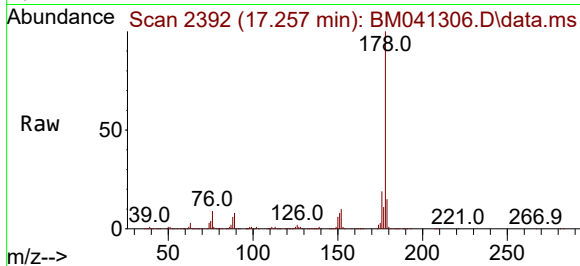




#71
Phenanthrene
Concen: 42.048 ng
RT: 17.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

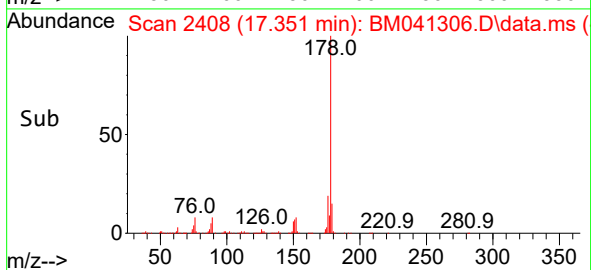
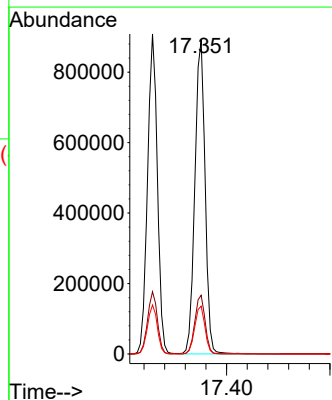
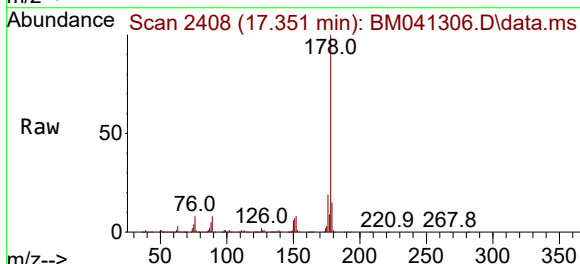
Instrument :
BNA_M
ClientSampleId :
PB154462BS

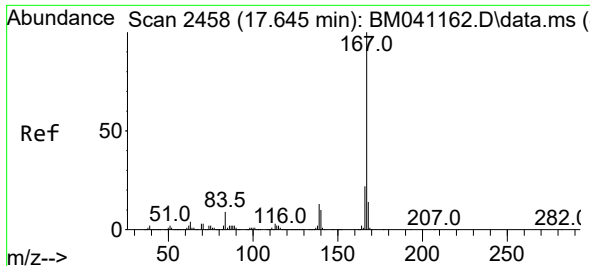
Tgt Ion:178 Resp: 1201881
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.3 12.1 18.1



#72
Anthracene
Concen: 43.223 ng
RT: 17.351 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:178 Resp: 1221901
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.2 12.4 18.6

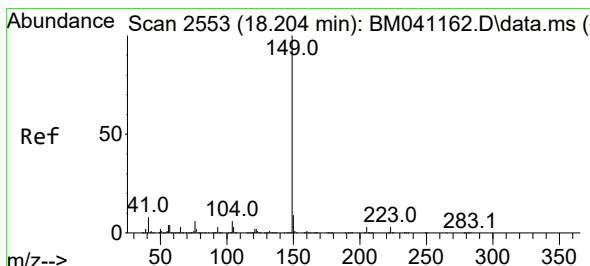
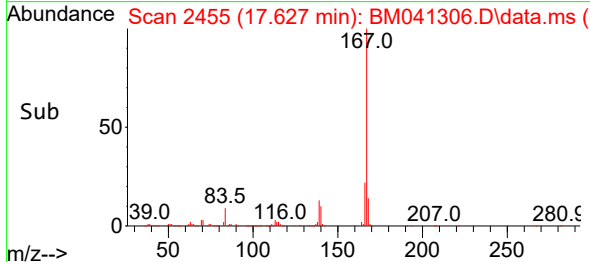
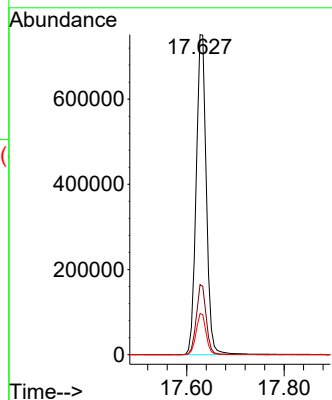
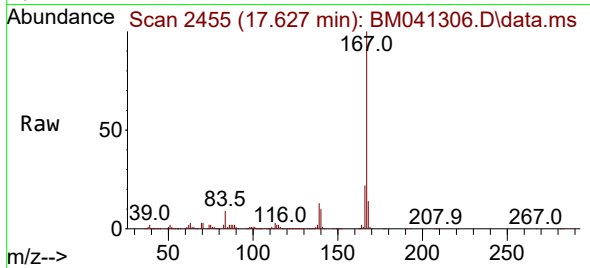




#73
 Carbazole
 Concen: 42.803 ng
 RT: 17.627 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

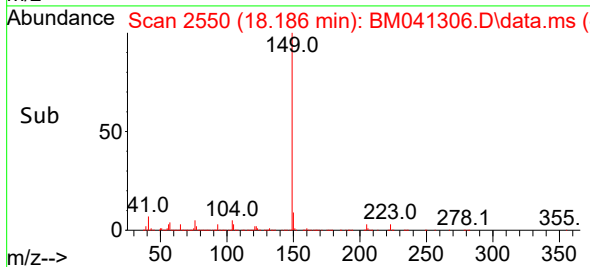
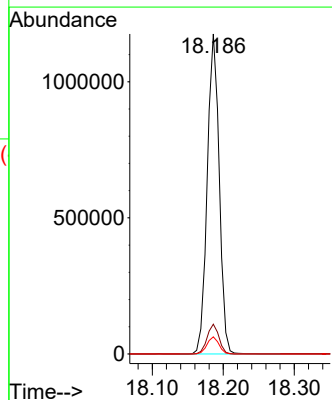
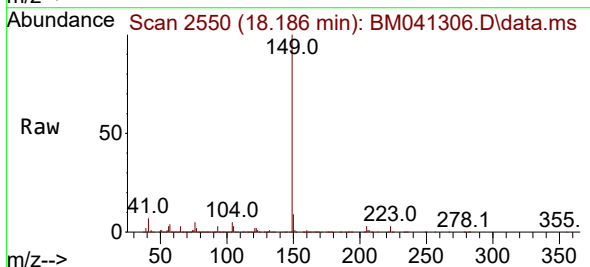
Instrument :
 BNA_M
 ClientSampleId :
 PB154462BS

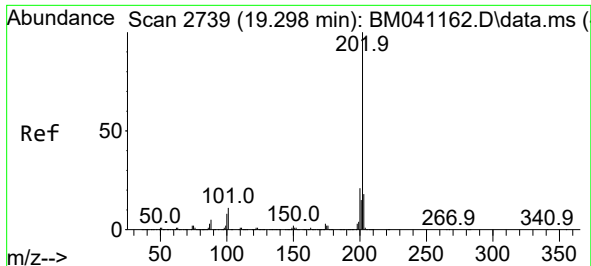
Tgt Ion:167 Resp: 1095203
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 47.668 ng
 RT: 18.186 min Scan# 2550
 Delta R.T. 0.000 min
 Lab File: BM041306.D
 Acq: 07 Aug 2023 11:10

Tgt Ion:149 Resp: 1378266
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.4 4.5 6.7

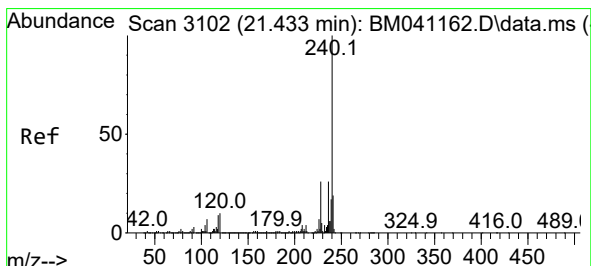
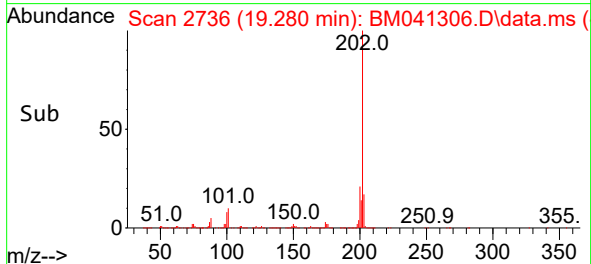
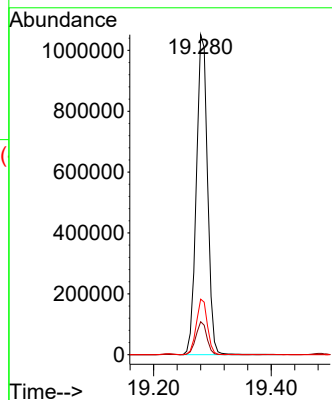
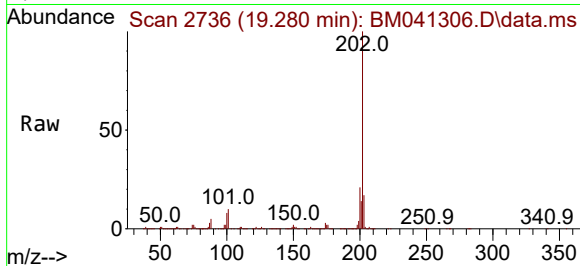




#75
Fluoranthene
Concen: 43.067 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

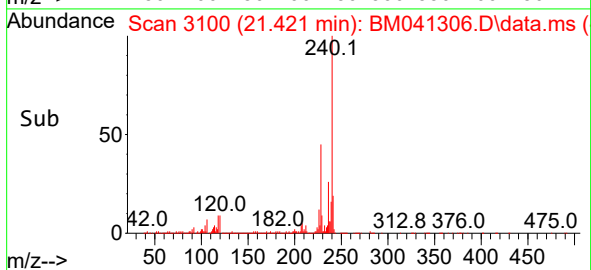
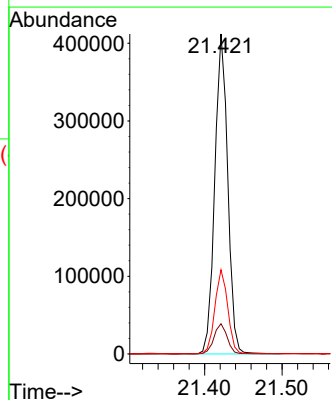
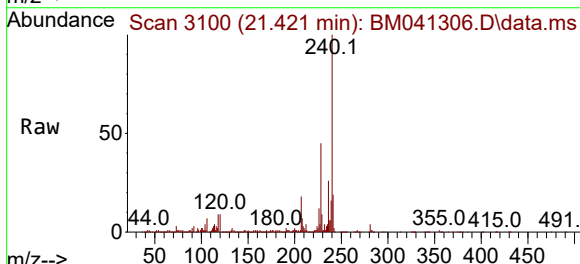
Instrument :
BNA_M
ClientSampleId :
PB154462BS

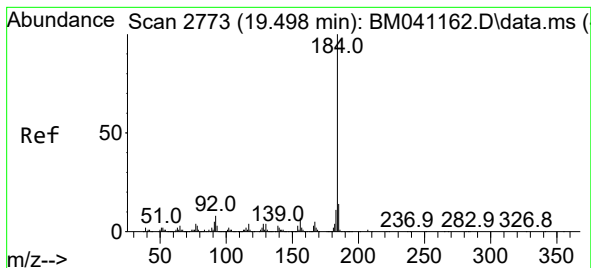
Tgt Ion:202 Resp: 1383015
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.8
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM041306.D
Acq: 07 Aug 2023 11:10

Tgt Ion:240 Resp: 478268
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 26.3 20.6 30.8





#77

Benzidine

Concen: 119.945 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

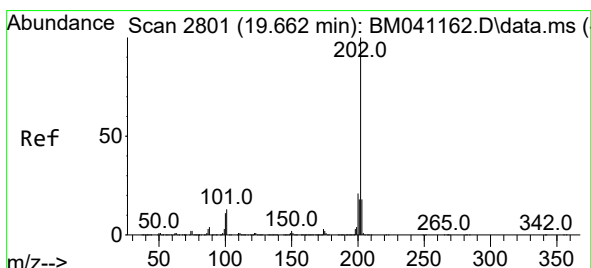
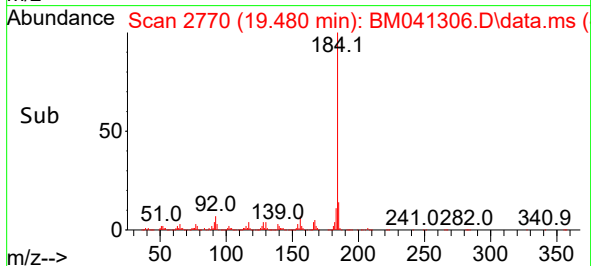
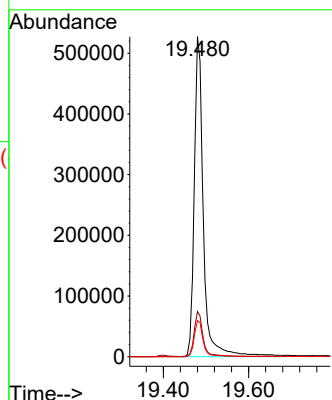
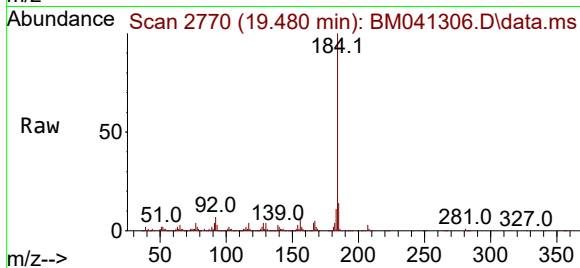
Tgt Ion:184 Resp: 781888

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 43.138 ng

RT: 19.651 min Scan# 2799

Delta R.T. 0.006 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

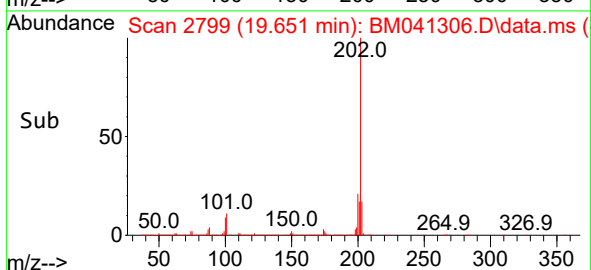
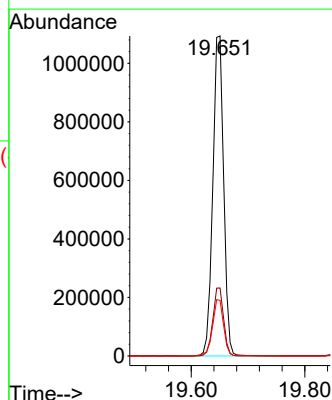
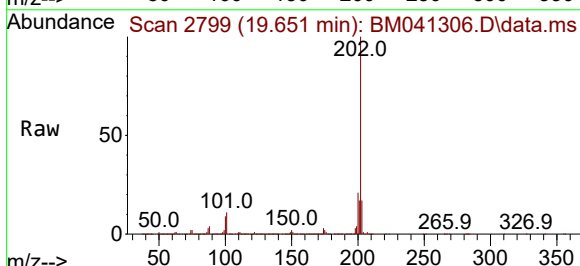
Tgt Ion:202 Resp: 1442790

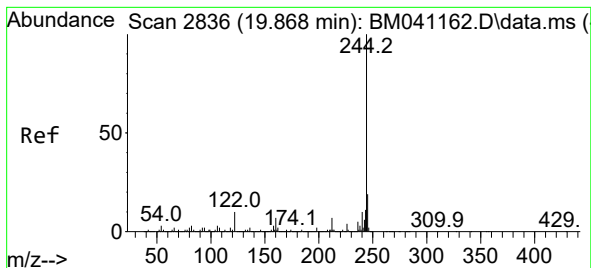
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 88.133 ng

RT: 19.851 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

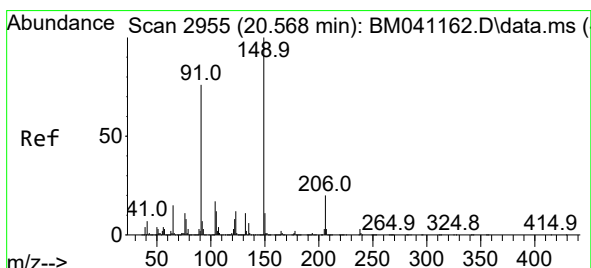
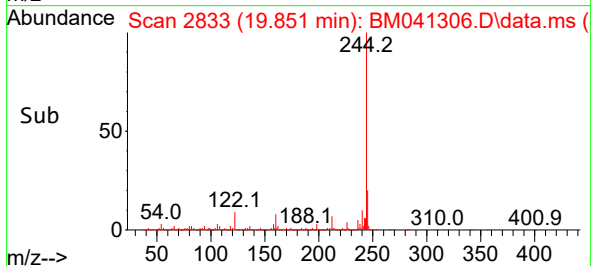
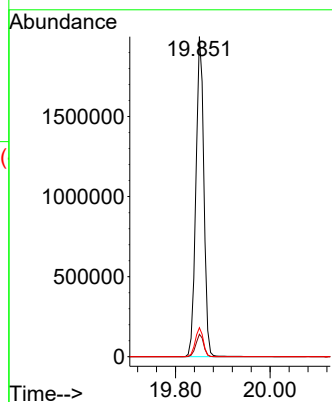
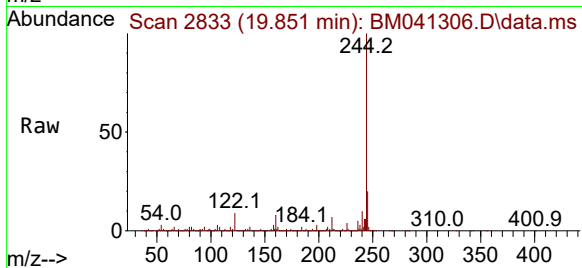
Tgt Ion:244 Resp: 2331304

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.1 7.8 11.6



#80

Butylbenzylphthalate

Concen: 49.757 ng

RT: 20.551 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

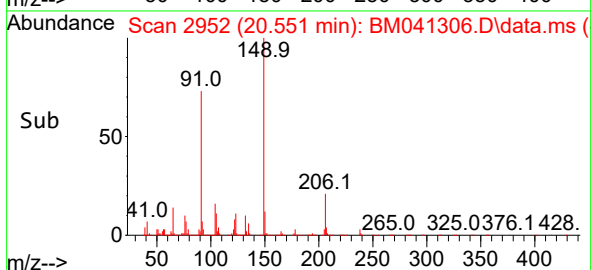
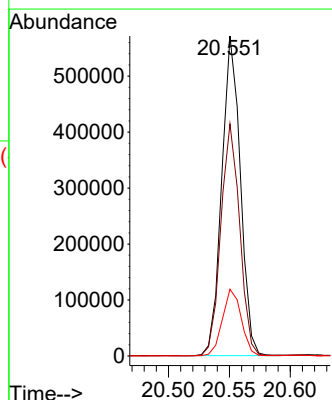
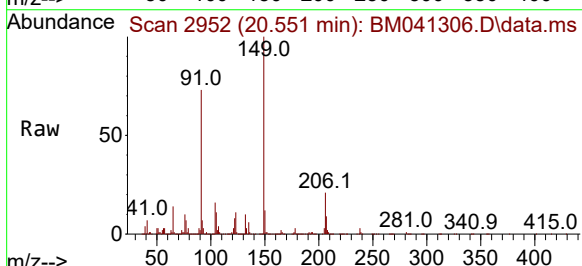
Tgt Ion:149 Resp: 607719

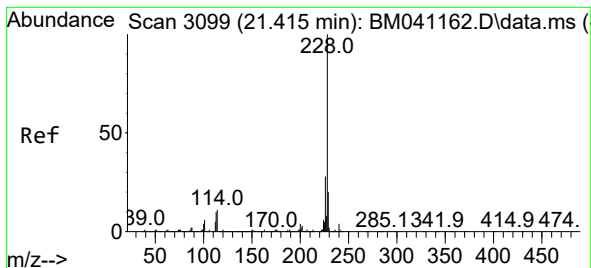
Ion Ratio Lower Upper

149 100

91 72.5 60.8 91.2

206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.955 ng

RT: 21.403 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

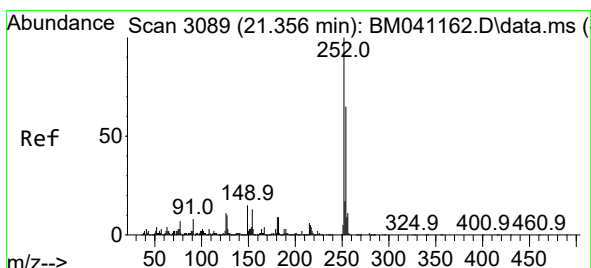
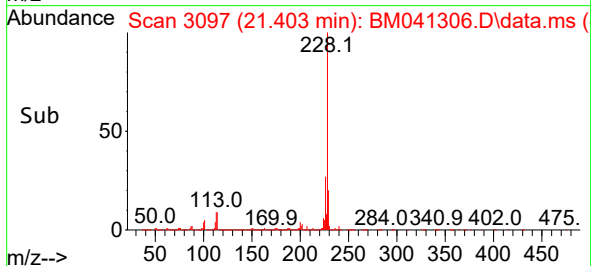
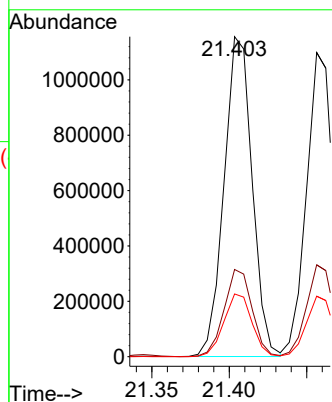
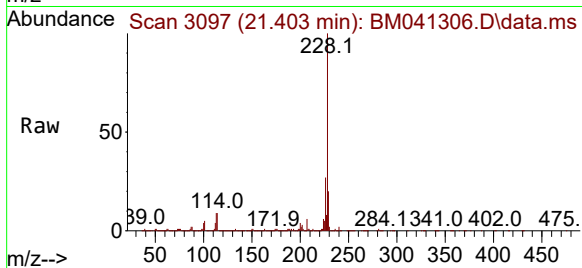
Tgt Ion:228 Resp: 1457572

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 49.977 ng

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

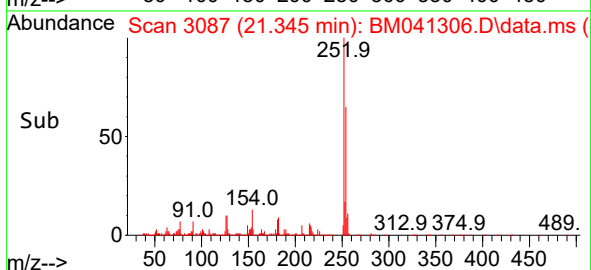
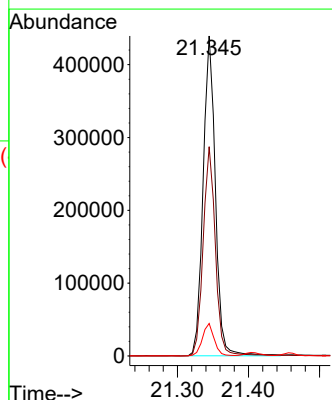
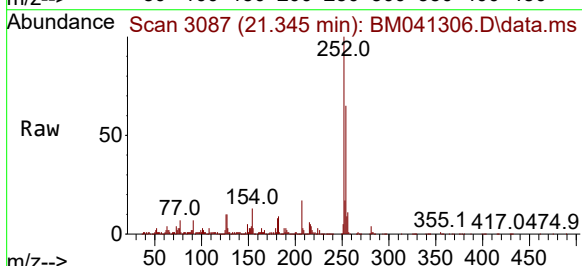
Tgt Ion:252 Resp: 528750

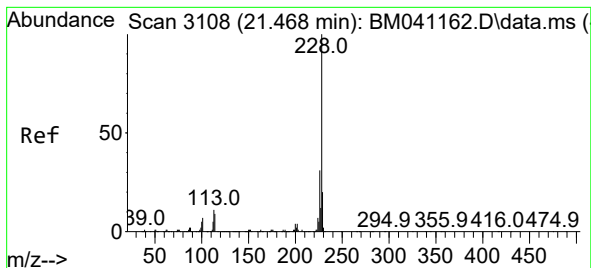
Ion Ratio Lower Upper

252 100

254 65.4 51.8 77.6

126 10.2 8.6 13.0





#83

Chrysene

Concen: 42.526 ng

RT: 21.456 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

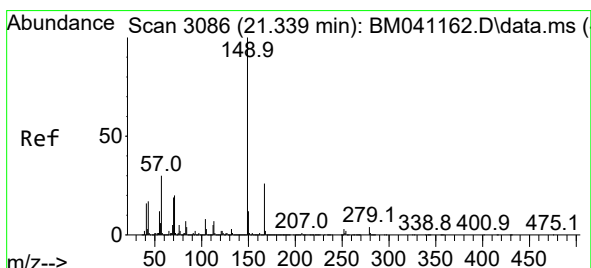
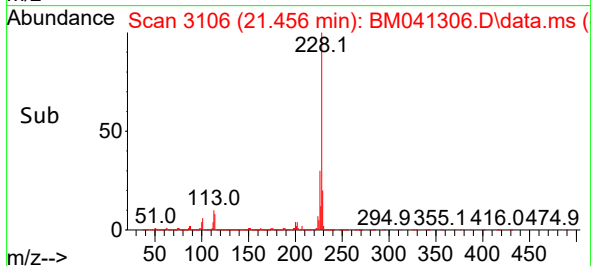
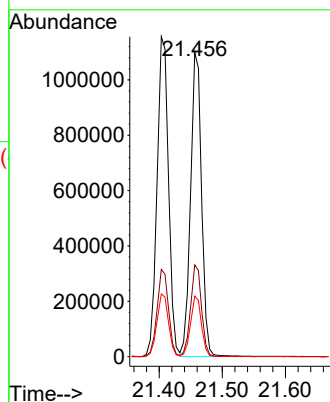
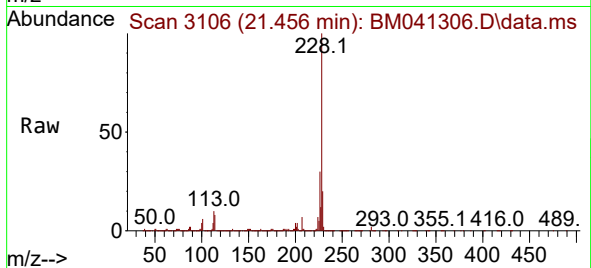
Tgt Ion:228 Resp: 1333657

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.196 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

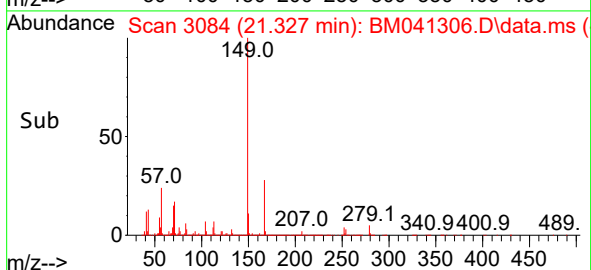
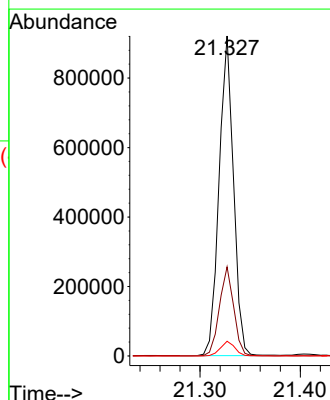
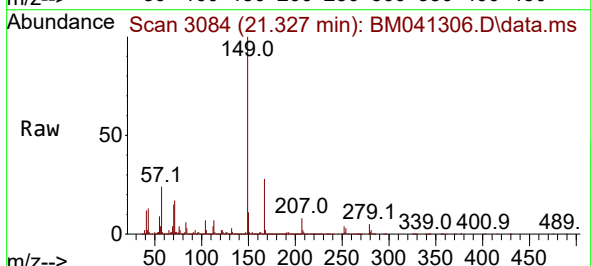
Tgt Ion:149 Resp: 914561

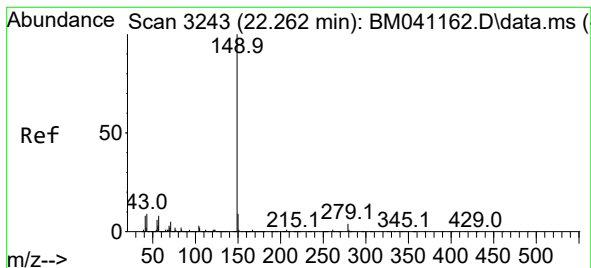
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.997 ng

RT: 22.245 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

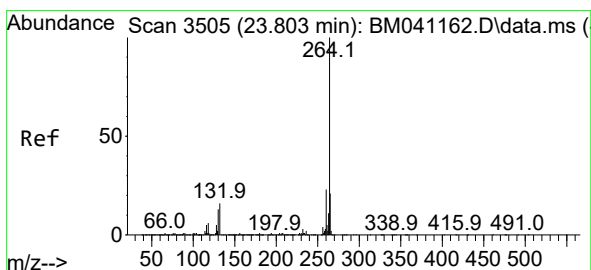
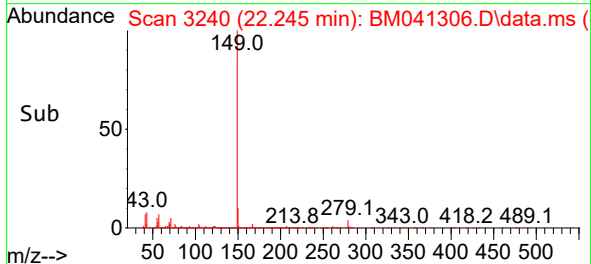
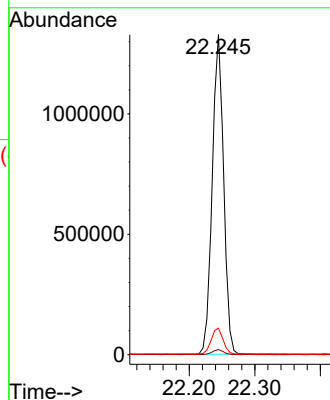
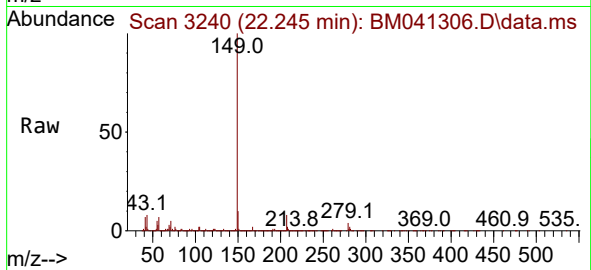
Tgt Ion:149 Resp: 1605077

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.5 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3503

Delta R.T. 0.006 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

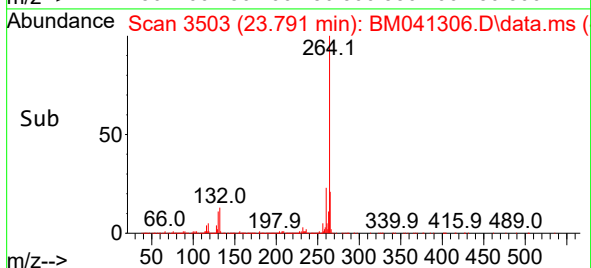
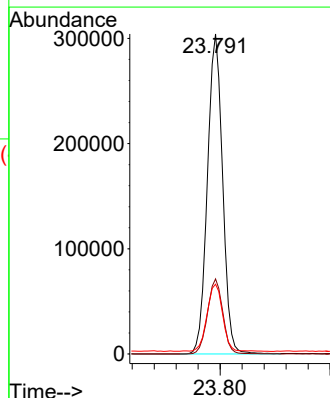
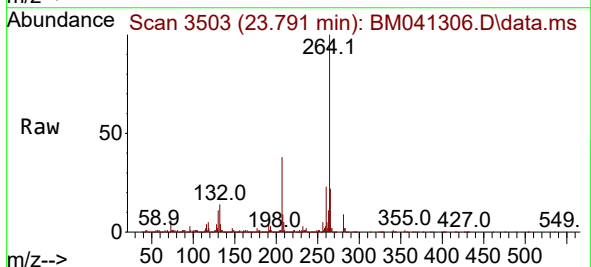
Tgt Ion:264 Resp: 583740

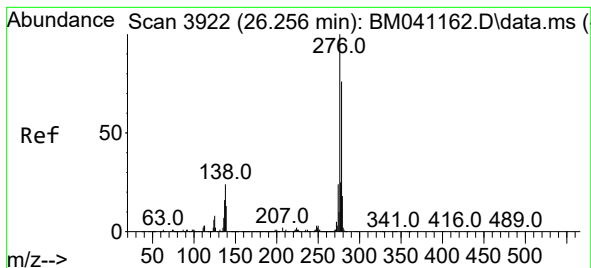
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.721 ng

RT: 26.250 min Scan# 3922

Delta R.T. 0.006 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

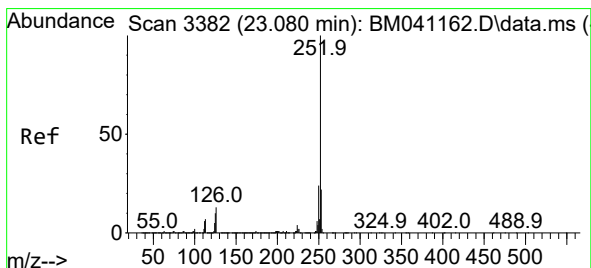
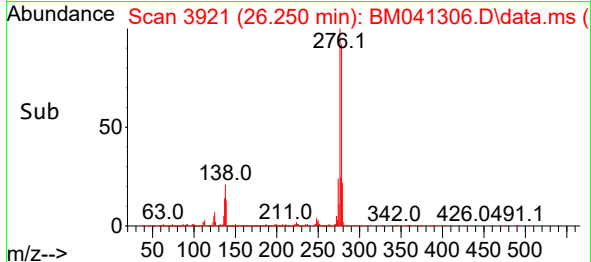
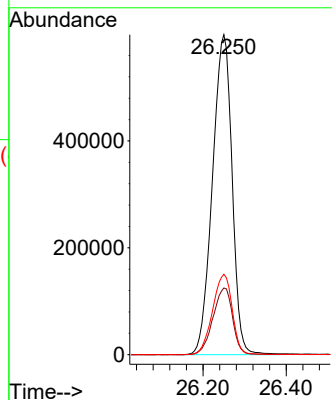
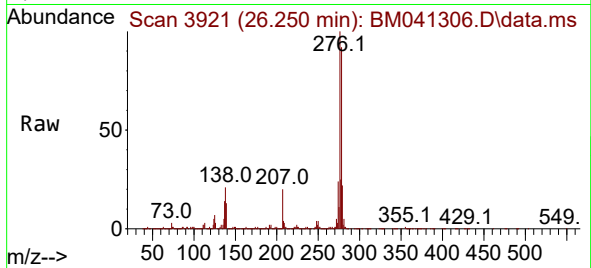
Tgt Ion:276 Resp: 1962204

Ion Ratio Lower Upper

276 100

138 20.9 20.0 30.0

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.515 ng

RT: 23.074 min Scan# 3381

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

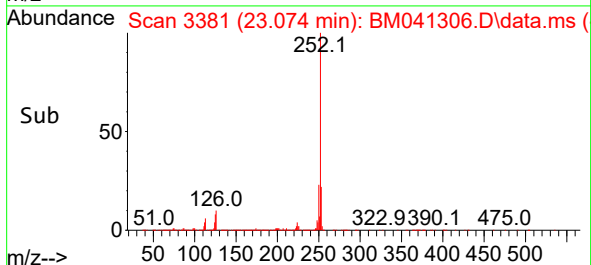
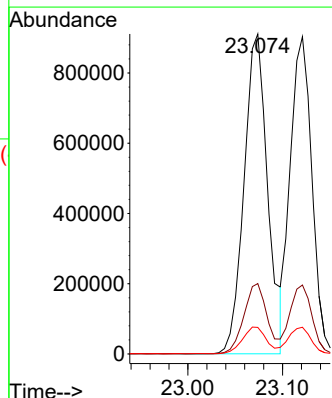
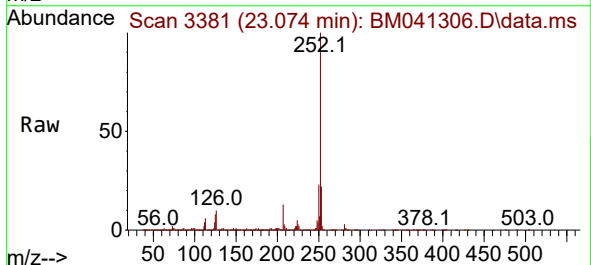
Tgt Ion:252 Resp: 1578368

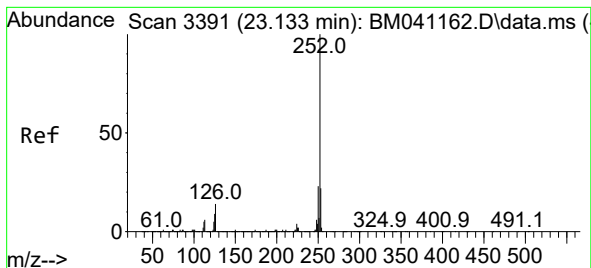
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 40.319 ng

RT: 23.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

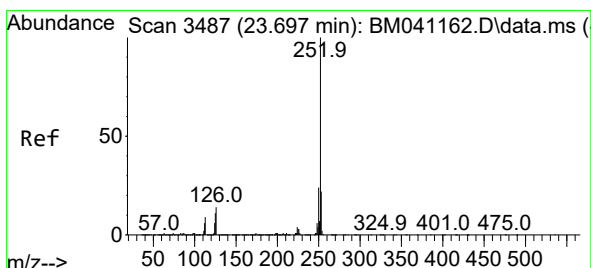
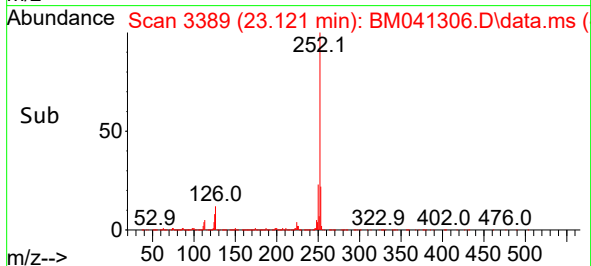
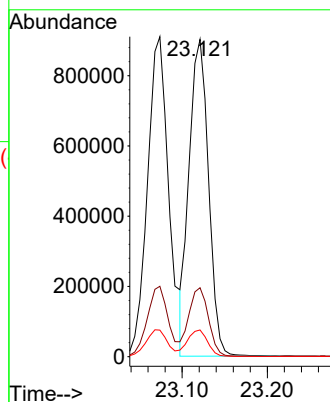
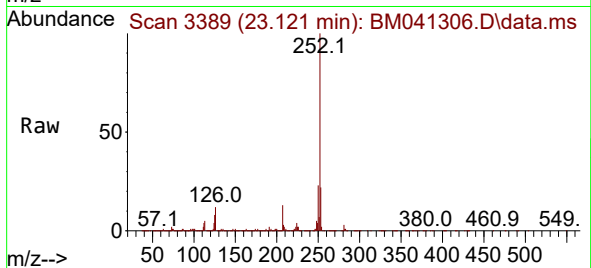
Tgt Ion:252 Resp: 1430216

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.4 7.6 11.4



#90

Benzo(a)pyrene

Concen: 41.349 ng

RT: 23.686 min Scan# 3485

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

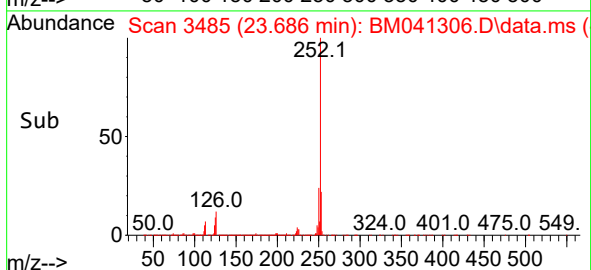
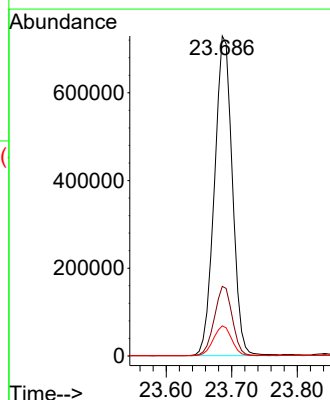
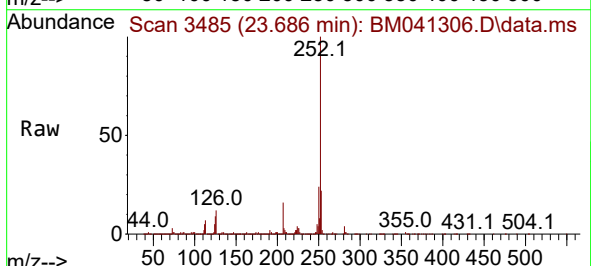
Tgt Ion:252 Resp: 1377760

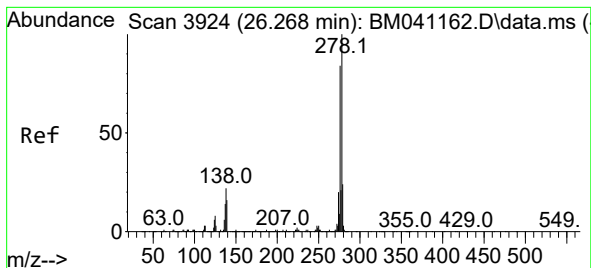
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 46.199 ng

RT: 26.256 min Scan# 3924

Delta R.T. 0.000 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Instrument :

BNA_M

ClientSampleId :

PB154462BS

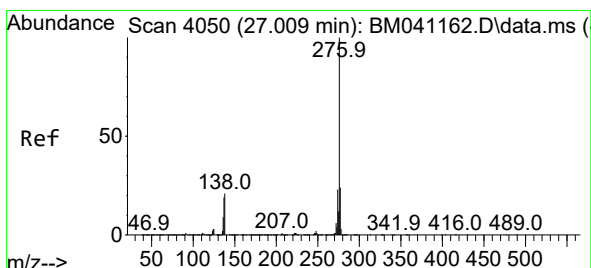
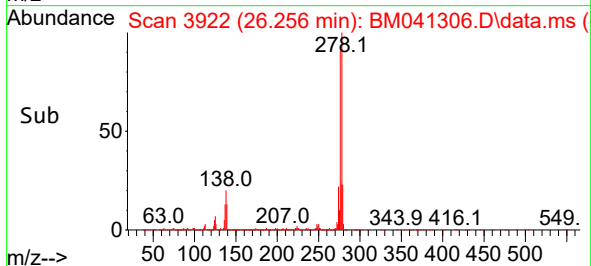
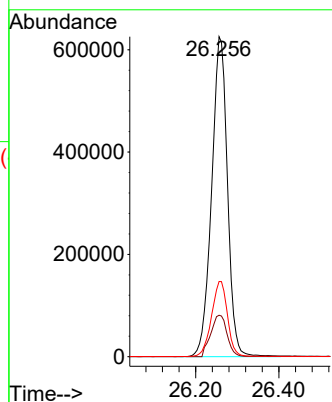
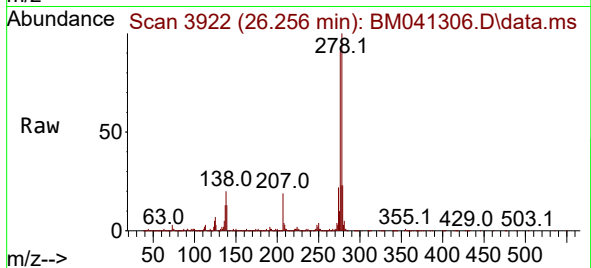
Tgt Ion:278 Resp: 1653780

Ion Ratio Lower Upper

278 100

139 13.0 12.7 19.1

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 44.459 ng

RT: 27.003 min Scan# 4049

Delta R.T. 0.006 min

Lab File: BM041306.D

Acq: 07 Aug 2023 11:10

Tgt Ion:276 Resp: 1557239

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 17.5 17.1 25.7

