

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040336.D
 Acq On : 21 Jun 2023 15:42
 Operator : MA/JU
 Sample : PB153484BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 22 04:36:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 15:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	301954	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1240580	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	595991	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	946385	20.000	ng	0.00
76) Chrysene-d12	21.521	240	645643	20.000	ng	0.00
86) Perylene-d12	23.939	264	596949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2220384	114.011	ng	0.00
7) Phenol-d6	7.128	99	2735190	103.014	ng	0.00
23) Nitrobenzene-d5	9.134	82	2420452	102.164	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	591709	71.169	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	4451612	102.524	ng	0.00
79) Terphenyl-d14	19.962	244	4256113	128.089	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	331058	42.563	ng	96
3) Pyridine	3.787	79	912136	41.007	ng	99
4) n-Nitrosodimethylamine	3.693	42	532624	53.411	ng	95
6) Aniline	7.287	93	1254881	38.506	ng	99
8) 2-Chlorophenol	7.528	128	1093265	52.753	ng	99
9) Benzaldehyde	7.099	77	470195	31.881	ng	99
10) Phenol	7.157	94	1441518	55.494	ng	97
11) bis(2-Chloroethyl)ether	7.387	93	1036464	48.116	ng	99
12) 1,3-Dichlorobenzene	7.851	146	1065735	49.809	ng	98
13) 1,4-Dichlorobenzene	7.998	146	1099662	50.763	ng	99
14) 1,2-Dichlorobenzene	8.316	146	1050067	49.576	ng	98
15) Benzyl Alcohol	8.210	79	953867	50.091	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1432492	48.180	ng	99
17) 2-Methylphenol	8.410	107	906269	47.562	ng	98
18) Hexachloroethane	9.045	117	409509	51.241	ng	97
19) n-Nitroso-di-n-propyla...	8.781	70	796514	44.661	ng	99
20) 3+4-Methylphenols	8.740	107	1215748	46.644	ng	98
22) Acetophenone	8.793	105	1570802	48.644	ng	98
24) Nitrobenzene	9.175	77	1196674	49.213	ng	98
25) Isophorone	9.704	82	2031417	44.130	ng	99
26) 2-Nitrophenol	9.887	139	522488	50.280	ng	95
27) 2,4-Dimethylphenol	9.951	122	949305	49.127	ng	99
28) bis(2-Chloroethoxy)met...	10.187	93	1273341	44.008	ng	99
29) 2,4-Dichlorophenol	10.422	162	864991	47.251	ng	98
30) 1,2,4-Trichlorobenzene	10.634	180	868338	46.546	ng	98
31) Naphthalene	10.828	128	3084098	46.273	ng	100
32) Benzoic acid	10.098	122	627426	41.963	ng	96
33) 4-Chloroaniline	10.939	127	383012	12.847	ng	98
34) Hexachlorobutadiene	11.104	225	458768	43.744	ng	99
35) Caprolactam	11.734	113	249479	39.106	ng	92
36) 4-Chloro-3-methylphenol	12.063	107	929318	43.764	ng	98
37) 2-Methylnaphthalene	12.434	142	1939966	41.054	ng	99
38) 1-Methylnaphthalene	12.651	142	1812738	40.617	ng	98
40) 1,2,4,5-Tetrachloroben...	12.798	216	851699	51.393	ng	# 98
41) Hexachlorocyclopentadiene	12.775	237	1149702	126.114	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	572772	49.839	ng	100

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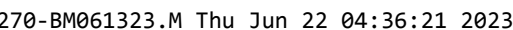
Instrument :
 BNA_M
 ClientSampleId :

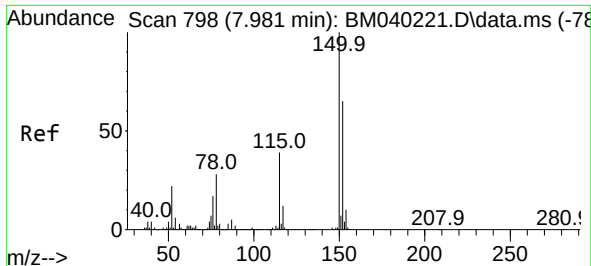
Quant Time: Jun 22 04:36:09 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	603808	44.105	ng	96
46) 1,1'-Biphenyl	13.439	154	2368453	50.347	ng	100
47) 2-Chloronaphthalene	13.480	162	1765716	50.685	ng	99
48) 2-Nitroaniline	13.686	65	581526	50.636	ng	94
49) Acenaphthylene	14.327	152	2746375	47.261	ng	100
50) Dimethylphthalate	14.063	163	1920004	40.485	ng	100
51) 2,6-Dinitrotoluene	14.180	165	406435	42.119	ng	88
52) Acenaphthene	14.669	154	1644985	46.399	ng	100
53) 3-Nitroaniline	14.510	138	291588	25.435	ng	95
54) 2,4-Dinitrophenol	14.716	184	484638	78.710	ng	95
55) Dibenzofuran	14.998	168	2470585	44.053	ng	99
56) 4-Nitrophenol	14.822	139	807905	90.161	ng	94
57) 2,4-Dinitrotoluene	14.969	165	527094	40.533	ng	95
58) Fluorene	15.645	166	2009950	44.019	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	455186	40.876	ng	95
60) Diethylphthalate	15.422	149	1833992	37.635	ng	99
61) 4-Chlorophenyl-phenylether	15.639	204	920184	40.975	ng	97
62) 4-Nitroaniline	15.674	138	450880	38.275	ng	96
63) Azobenzene	15.933	77	2128304	43.491	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	279934	49.336	ng	86
66) n-Nitrosodiphenylamine	15.857	169	1581627	52.960	ng	98
67) 4-Bromophenyl-phenylether	16.533	248	470832	47.523	ng	98
68) Hexachlorobenzene	16.651	284	529805	48.410	ng	95
69) Atrazine	16.804	200	445067	49.796	ng	99
70) Pentachlorophenol	16.992	266	699079	89.096	ng	98
71) Phenanthrene	17.386	178	2607237	49.509	ng	100
72) Anthracene	17.480	178	2617439	49.220	ng	100
73) Carbazole	17.751	167	2386191	47.692	ng	100
74) Di-n-butylphthalate	18.310	149	2585266	41.660	ng	99
75) Fluoranthene	19.398	202	2407847	41.253	ng	99
77) Benzidine	19.580	184	756019	63.053	ng	99
78) Pyrene	19.762	202	2516182	56.814	ng	99
80) Butylbenzylphthalate	20.651	149	946482	46.660	ng	88
81) Benzo(a)anthracene	21.503	228	2070111	47.062	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	442569	29.378	ng	99
83) Chrysene	21.556	228	1917981	46.079	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1275531	41.551	ng	97
85) Di-n-octyl phthalate	22.356	149	2031127	39.612	ng	97
87) Indeno(1,2,3-cd)pyrene	26.462	276	2478576	62.682	ng	98
88) Benzo(b)fluoranthene	23.203	252	1916560	53.638	ng	99
89) Benzo(k)fluoranthene	23.250	252	1908335	51.932	ng	98
90) Benzo(a)pyrene	23.833	252	1653121	48.771	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	2047148	60.878	ng	98
92) Benzo(g,h,i)perylene	27.233	276	1972964	65.553	ng	98

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

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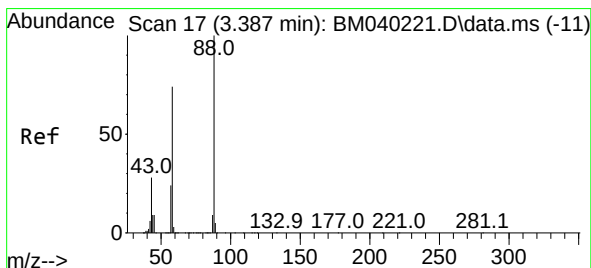
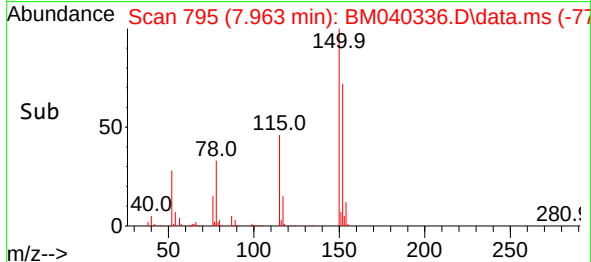
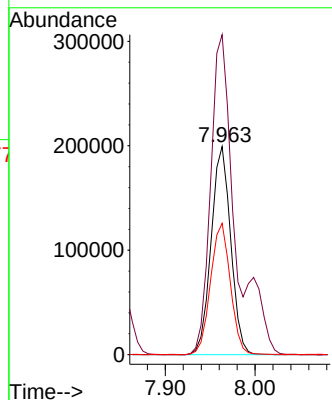
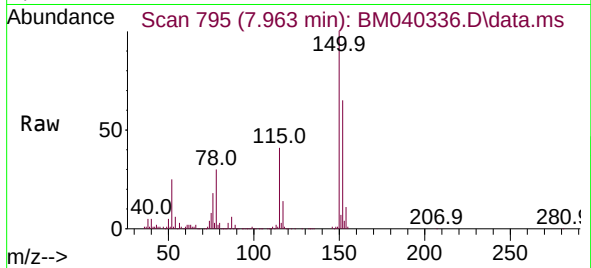




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

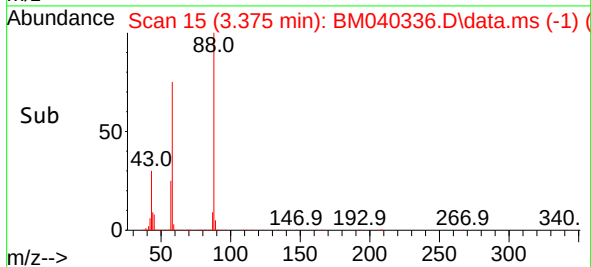
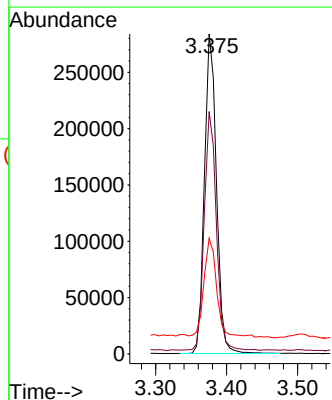
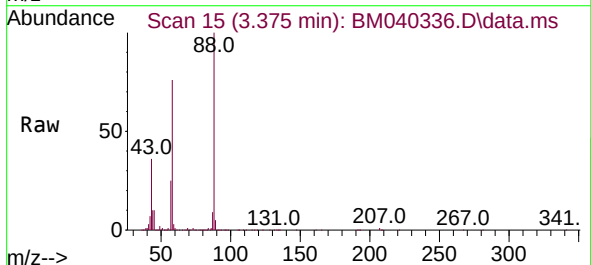
Instrument :
BNA_M
ClientSampleId :

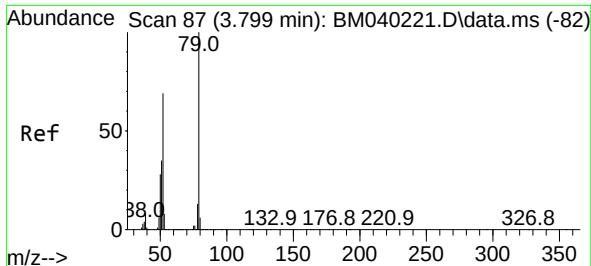
Tgt Ion:152 Resp: 301954
Ion Ratio Lower Upper
152 100
150 153.8 122.5 183.7
115 63.1 47.9 71.9



#2
1,4-Dioxane
Concen: 42.563 ng
RT: 3.375 min Scan# 15
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion: 88 Resp: 331058
Ion Ratio Lower Upper
88 100
58 75.1 59.0 88.6
43 34.3 23.2 34.8

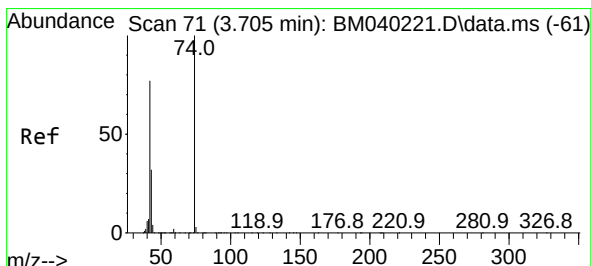
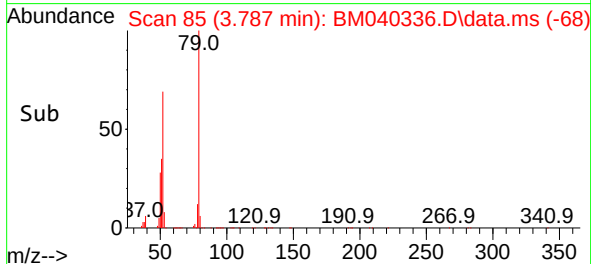
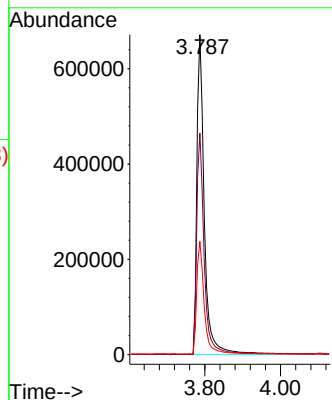
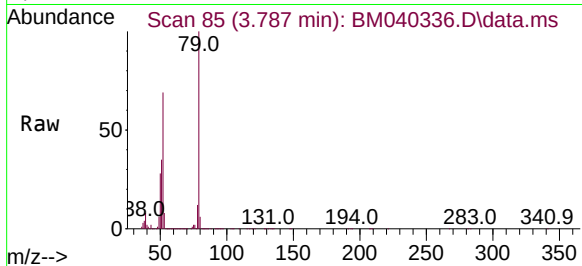




#3
 Pyridine
 Concen: 41.007 ng
 RT: 3.787 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM040336.D
 Acq: 21 Jun 2023 15:42

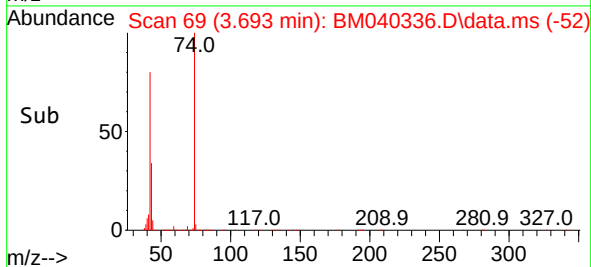
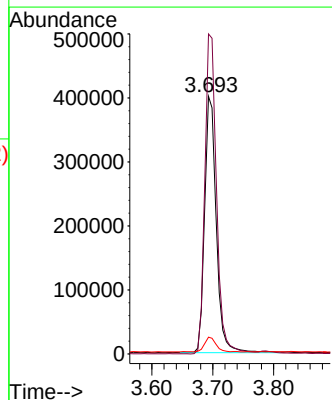
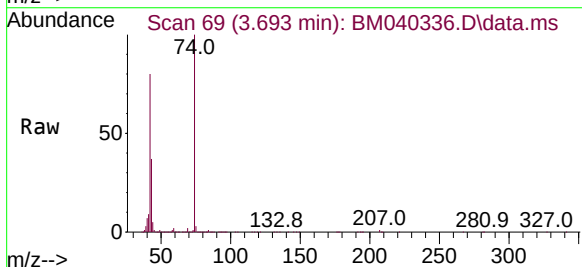
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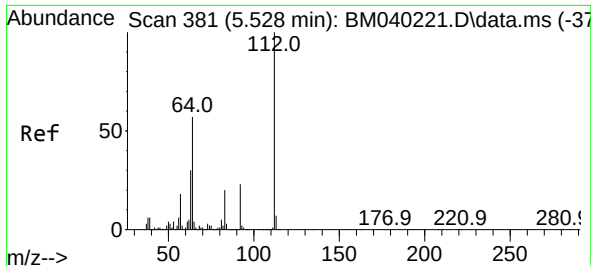
Tgt Ion: 79 Resp: 912136
 Ion Ratio Lower Upper
 79 100
 52 69.2 55.1 82.7
 51 35.4 27.9 41.9



#4
 n-Nitrosodimethylamine
 Concen: 53.411 ng
 RT: 3.693 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: BM040336.D
 Acq: 21 Jun 2023 15:42

Tgt Ion: 42 Resp: 532624
 Ion Ratio Lower Upper
 42 100
 74 124.2 104.3 156.5
 44 6.5 5.0 7.4

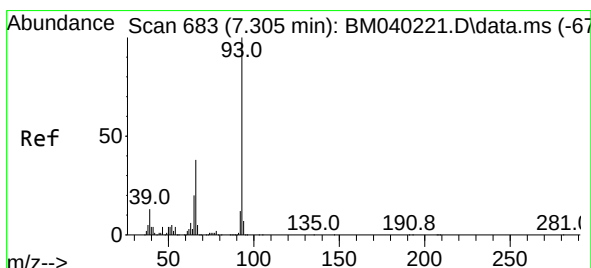
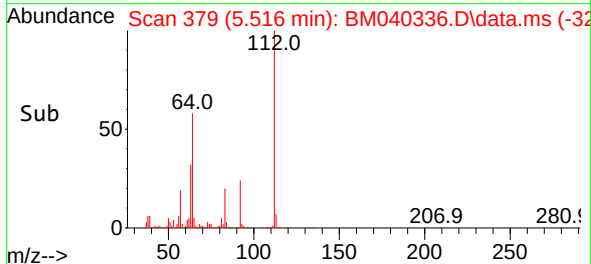
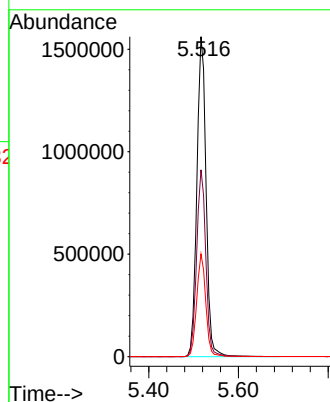
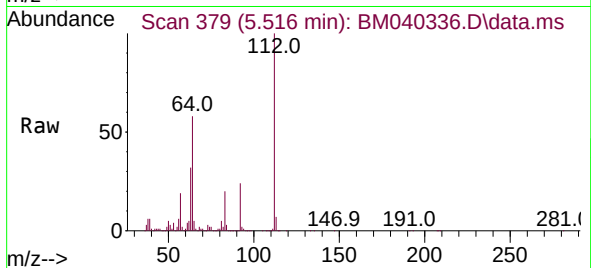




#5
2-Fluorophenol
Concen: 114.011 ng
RT: 5.516 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

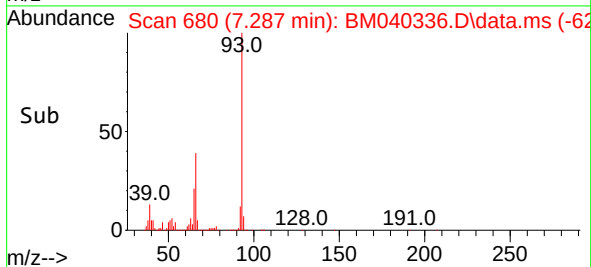
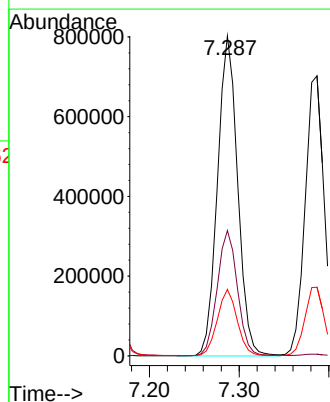
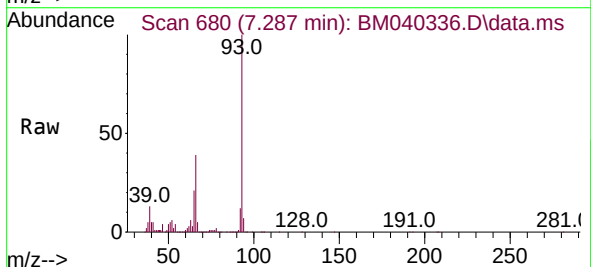
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BNA_M
ClientSampleId :

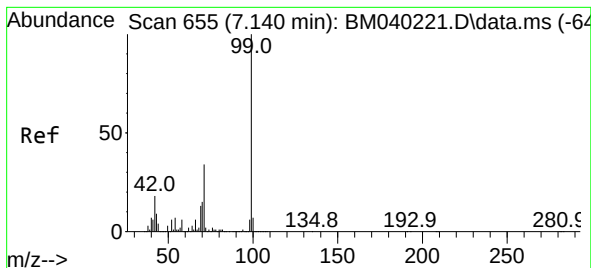
Tgt Ion:112 Resp: 2220384
Ion Ratio Lower Upper
112 100
64 58.4 45.2 67.8
63 32.1 24.2 36.4



#6
Aniline
Concen: 38.506 ng
RT: 7.287 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion: 93 Resp: 1254881
Ion Ratio Lower Upper
93 100
66 39.2 30.8 46.2
65 20.8 16.1 24.1





#7

Phenol-d6

Concen: 103.014 ng

RT: 7.128 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

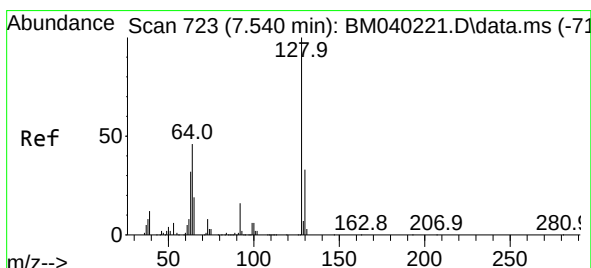
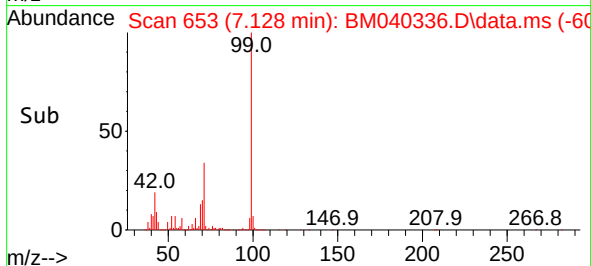
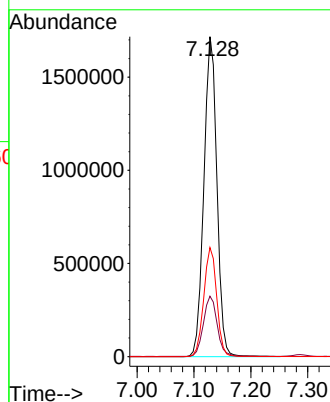
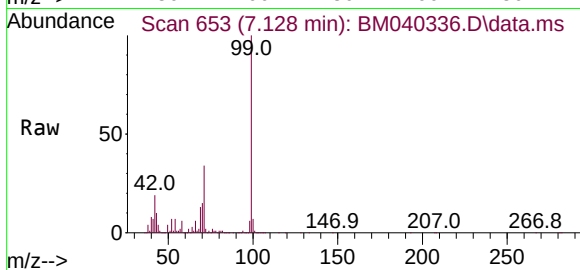
Tgt Ion: 99 Resp: 2735190

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 34.1 26.9 40.3



#8

2-Chlorophenol

Concen: 52.753 ng

RT: 7.528 min Scan# 721

Delta R.T. 0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

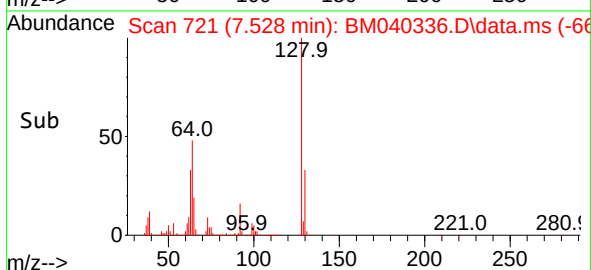
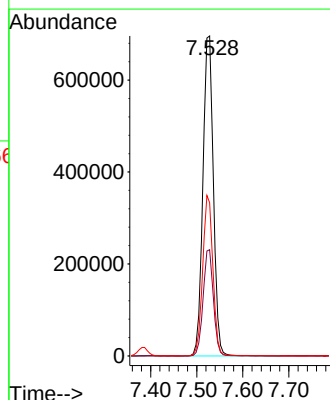
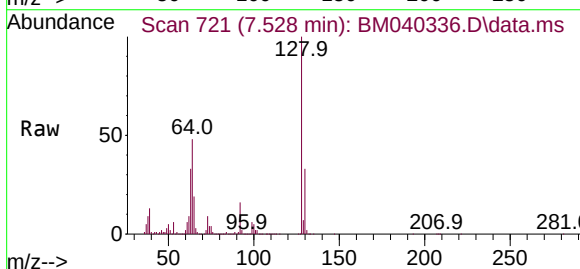
Tgt Ion:128 Resp: 1093265

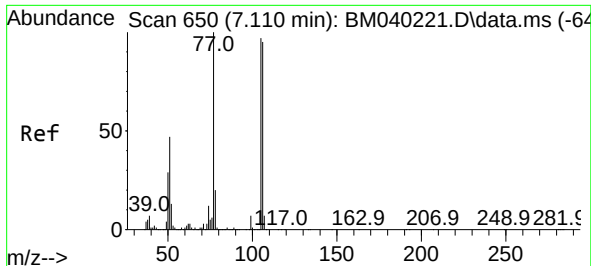
Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

64 47.9 27.4 67.4

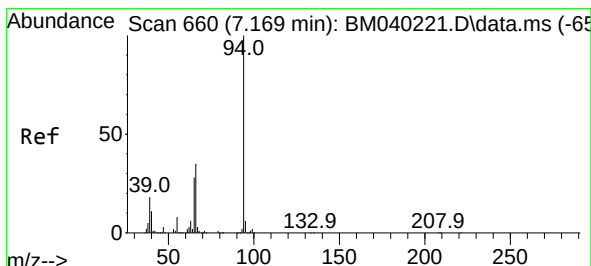
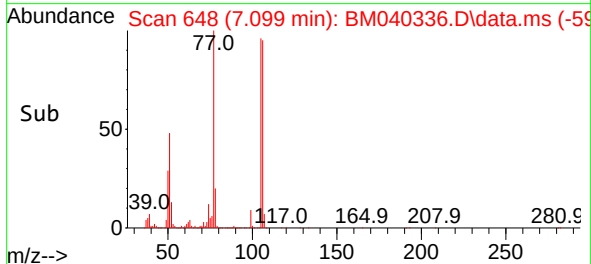
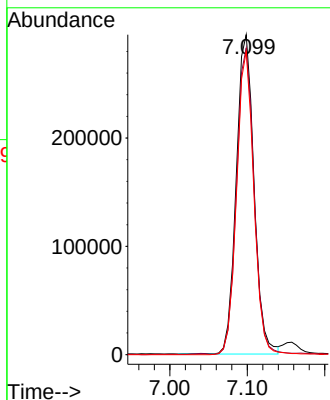
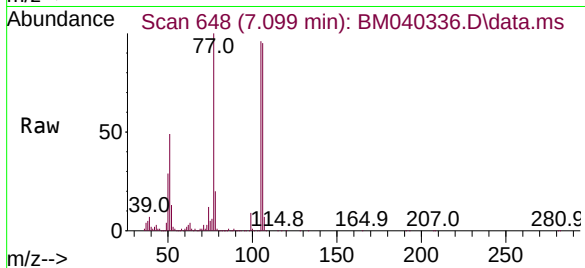




#9
Benzaldehyde
Concen: 31.881 ng
RT: 7.099 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

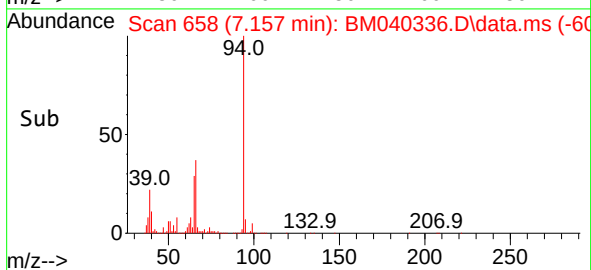
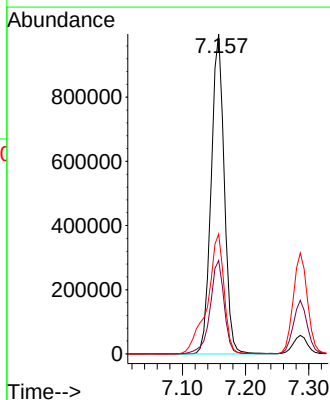
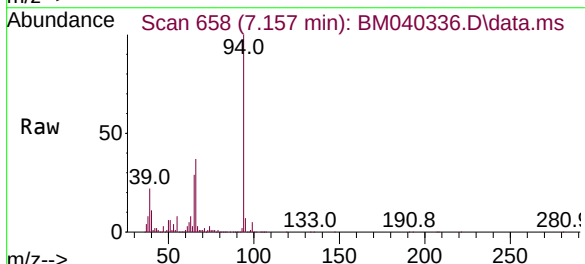
Instrument :
BNA_M
ClientSampleId :

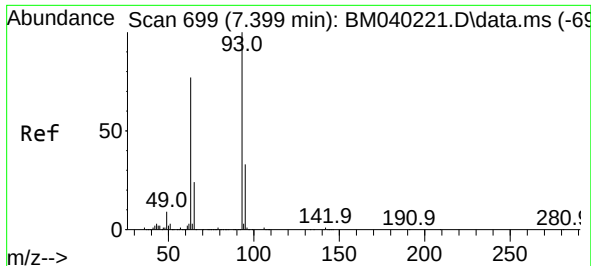
Tgt Ion: 77 Resp: 470195
Ion Ratio Lower Upper
77 100
105 95.8 77.3 117.3
106 94.8 75.2 115.2



#10
Phenol
Concen: 55.494 ng
RT: 7.157 min Scan# 658
Delta R.T. 0.006 min
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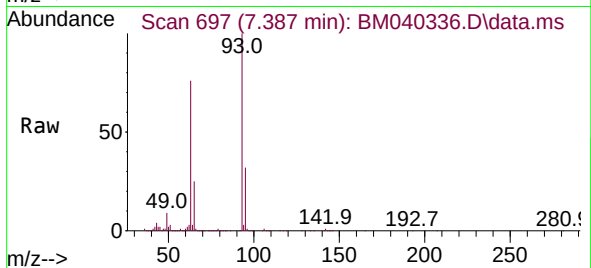
Tgt Ion: 94 Resp: 1441518
Ion Ratio Lower Upper
94 100
65 29.2 8.2 48.2
66 37.4 15.6 55.6





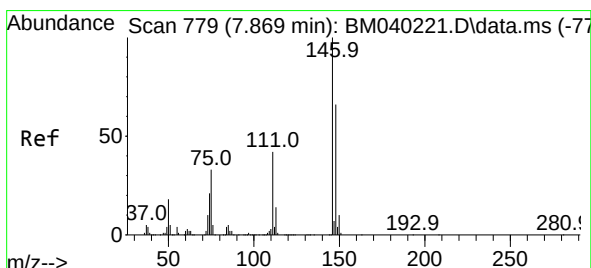
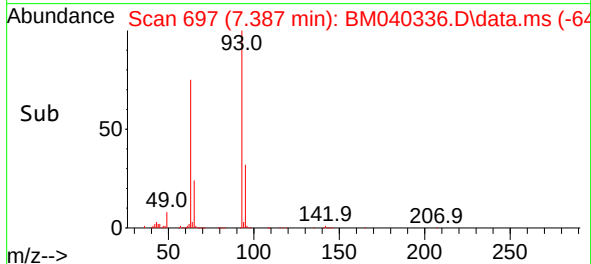
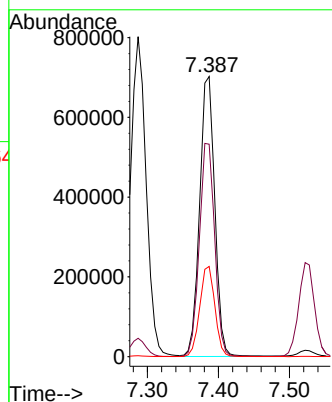
#11
bis(2-Chloroethyl)ether
Concen: 48.116 ng
RT: 7.387 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 93 Resp: 1036464

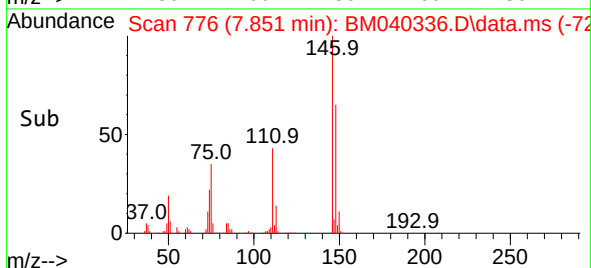
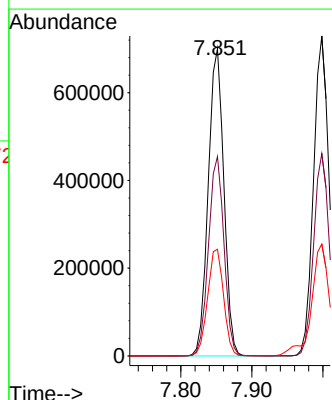
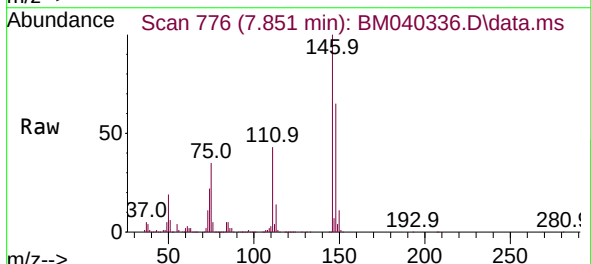
Ion	Ratio	Lower	Upper
93	100		
63	75.8	56.3	96.3
95	32.2	12.5	52.5

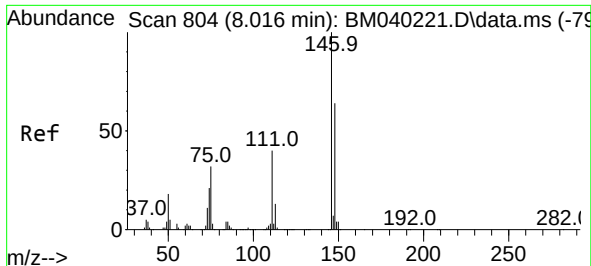


#12
1,3-Dichlorobenzene
Concen: 49.809 ng
RT: 7.851 min Scan# 776
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion: 146 Resp: 1065735

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	79.0
75	34.7	26.6	40.0

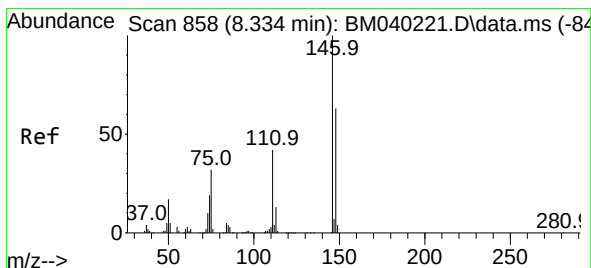
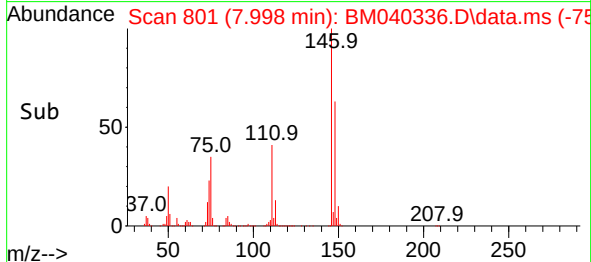
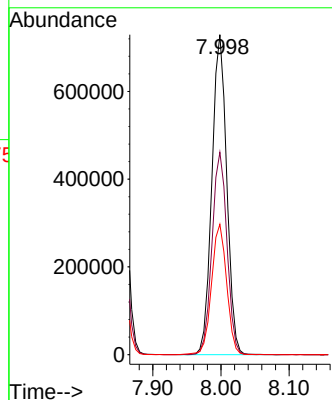
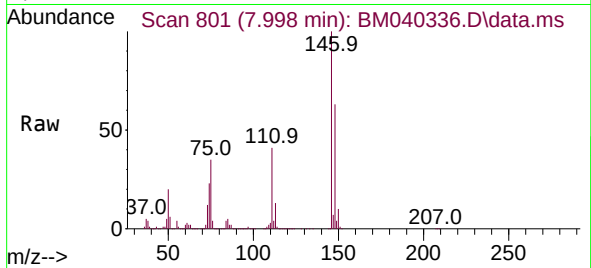




#13
 1,4-Dichlorobenzene
 Concen: 50.763 ng
 RT: 7.998 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BM040336.D
 Acq: 21 Jun 2023 15:42

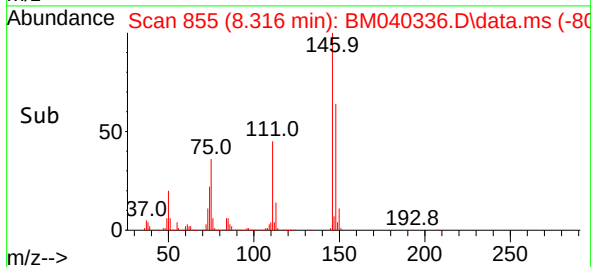
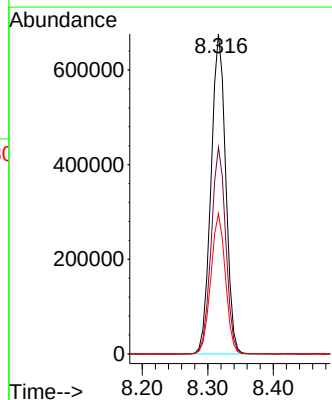
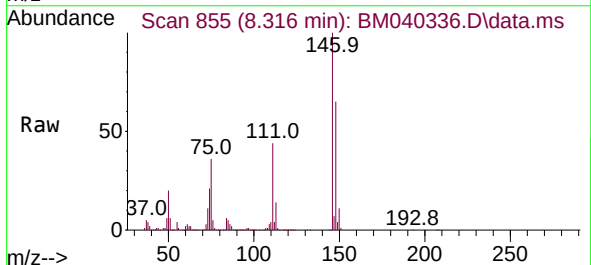
Instrument :
 BNA_M
 ClientSampleId :

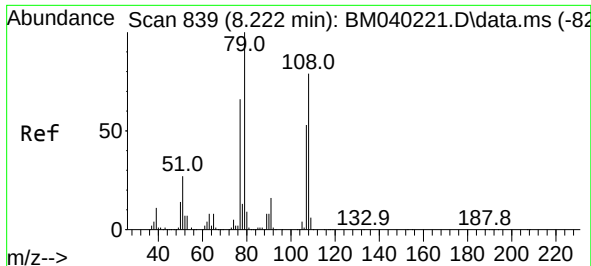
Tgt Ion:146 Resp: 1099662
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.4
 111 40.7 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 49.576 ng
 RT: 8.316 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: BM040336.D
 Acq: 21 Jun 2023 15:42

Tgt Ion:146 Resp: 1050067
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.5 75.7
 111 43.9 33.8 50.6

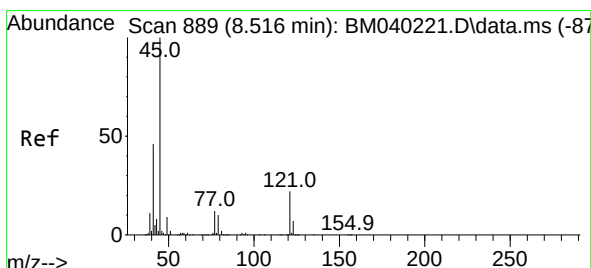
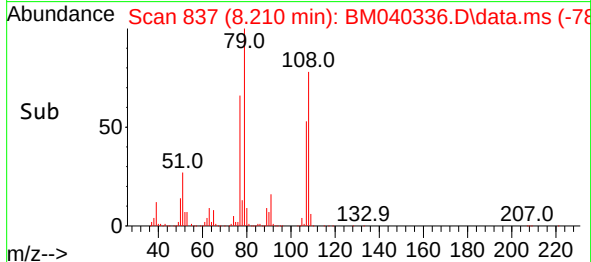
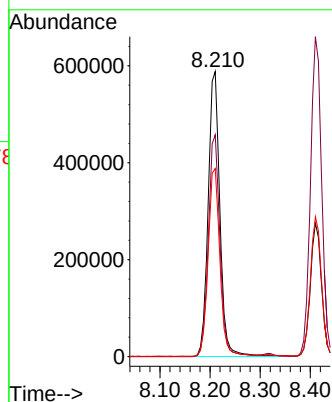
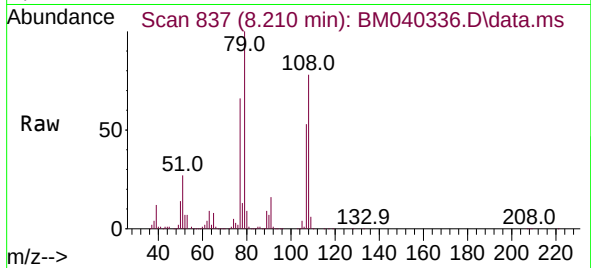




#15
Benzyl Alcohol
Concen: 50.091 ng
RT: 8.210 min Scan# 837
Delta R.T. 0.006 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

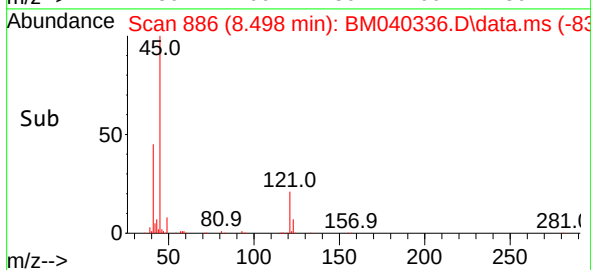
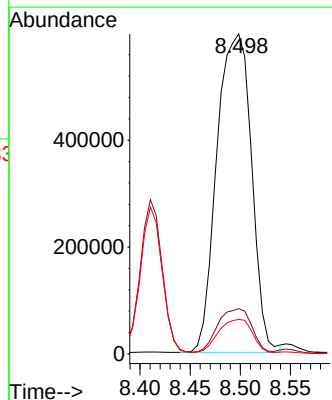
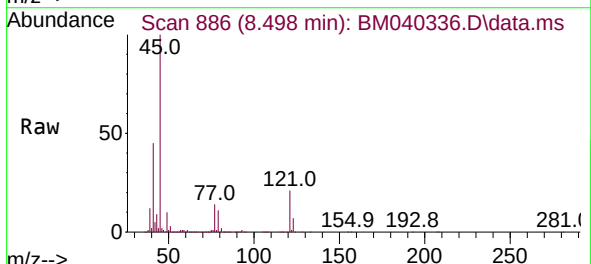
Instrument :
BNA_M
ClientSampleId :

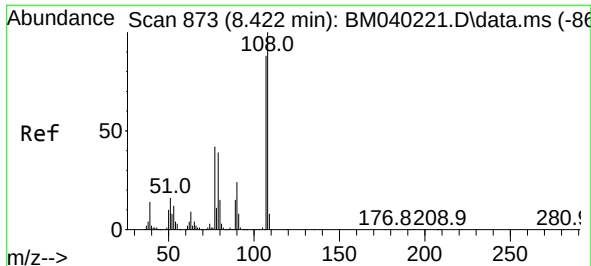
Tgt Ion: 79 Resp: 953867
Ion Ratio Lower Upper
79 100
108 77.8 63.2 94.8
77 66.0 53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.180 ng
RT: 8.498 min Scan# 886
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

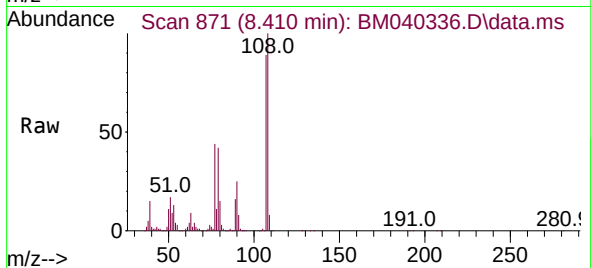
Tgt Ion: 45 Resp: 1432492
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.5
79 10.8 0.0 31.5



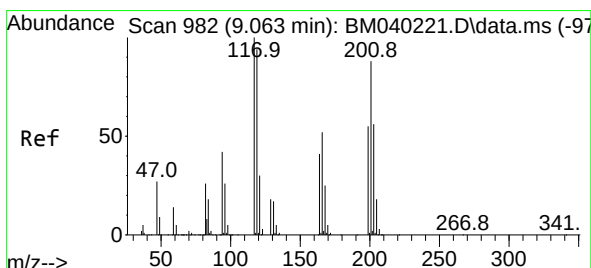
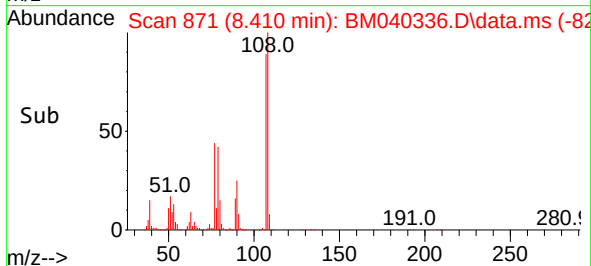
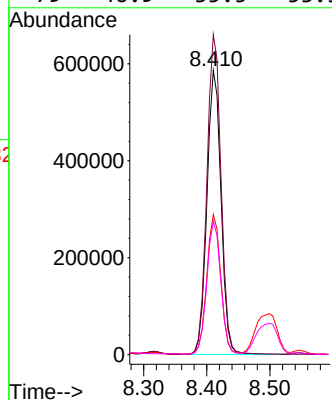


#17
2-Methylphenol
Concen: 47.562 ng
RT: 8.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Instrument :
BNA_M
ClientSampleId :

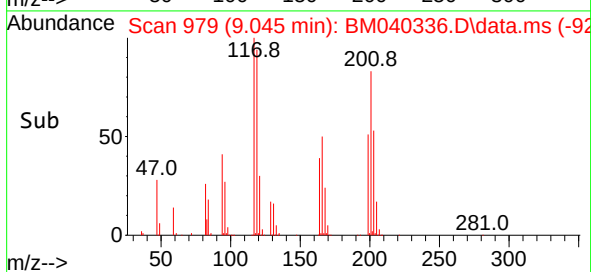
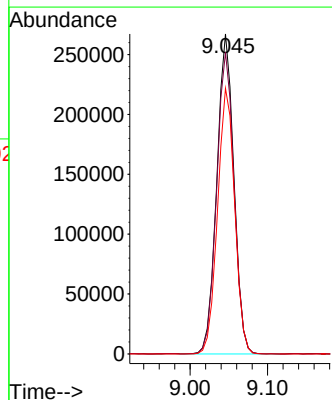
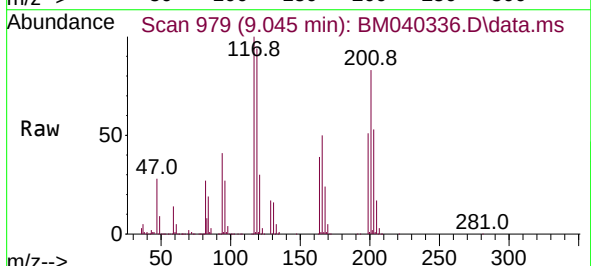


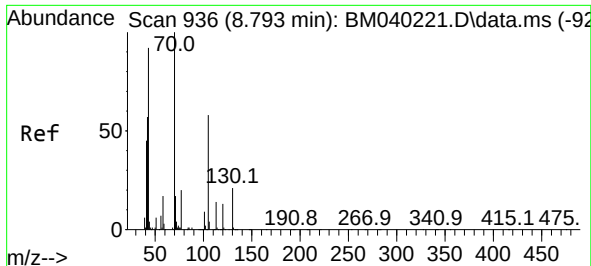
Tgt Ion:	107	Resp:	906269
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.1	136.7
77	49.2	38.7	58.1
79	46.9	35.5	53.3



#18
Hexachloroethane
Concen: 51.241 ng
RT: 9.045 min Scan# 979
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:	117	Resp:	409509
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
201	83.0	70.4	105.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.661 ng

RT: 8.781 min Scan# 91

Delta R.T. 0.006 min

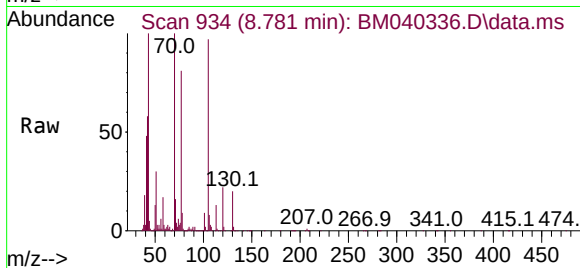
Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 70 Resp: 796514

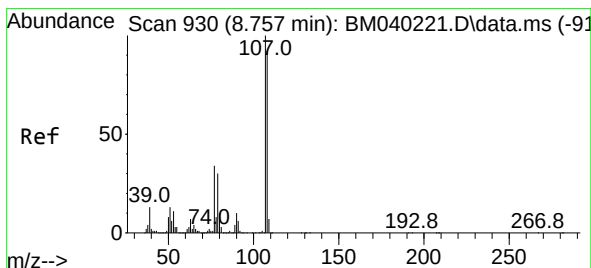
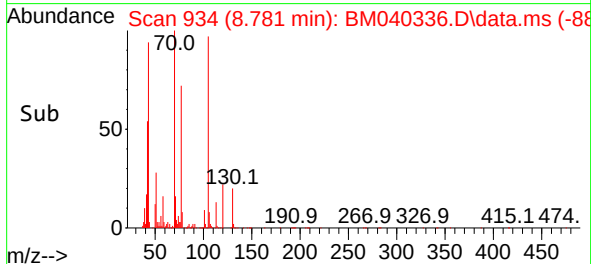
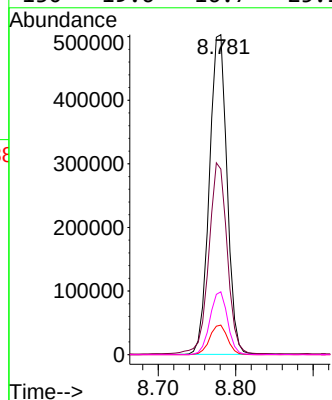
Ion Ratio Lower Upper

70 100

42 58.0 46.2 69.4

101 9.2 7.4 11.0

130 19.6 16.7 25.1



#20

3+4-Methylphenols

Concen: 46.644 ng

RT: 8.740 min Scan# 927

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Tgt Ion: 107 Resp: 1215748

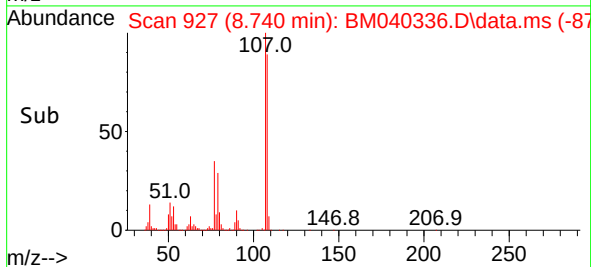
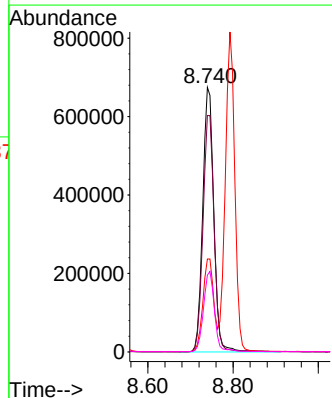
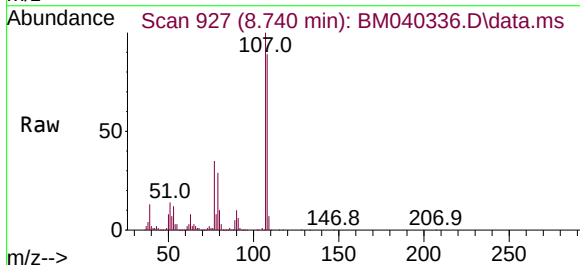
Ion Ratio Lower Upper

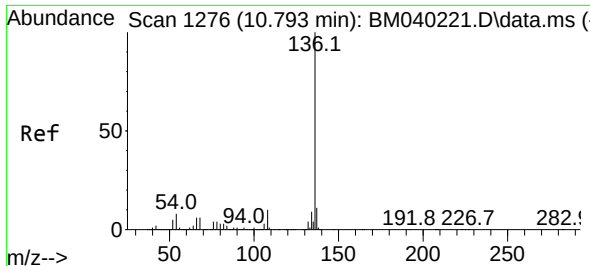
107 100

108 89.4 71.6 111.6

77 35.1 14.4 54.4

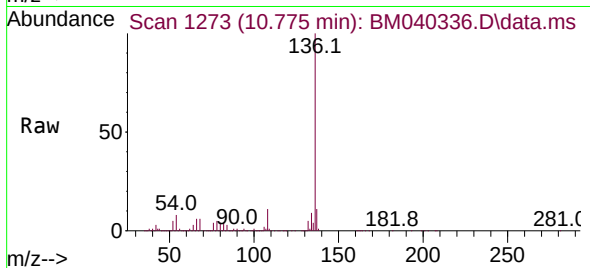
79 29.0 9.9 49.9





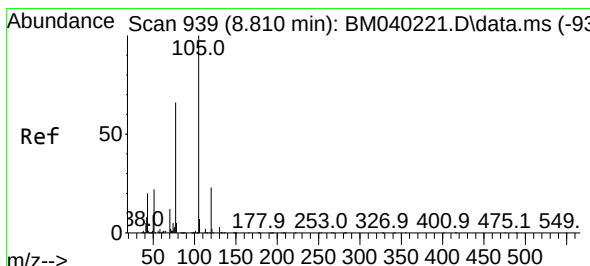
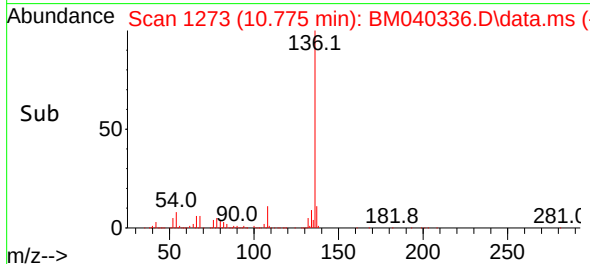
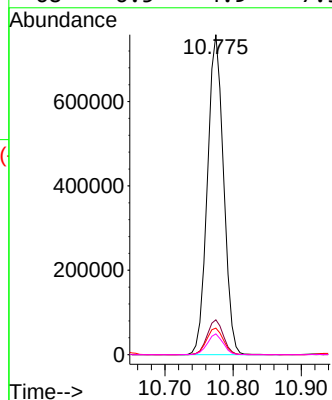
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:136 Resp: 1240580

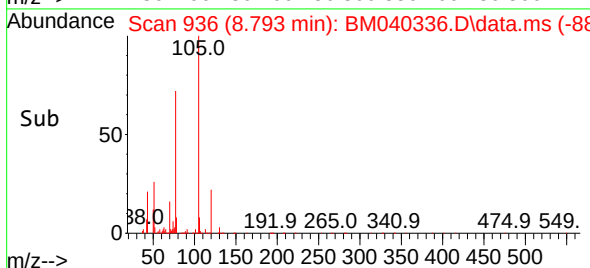
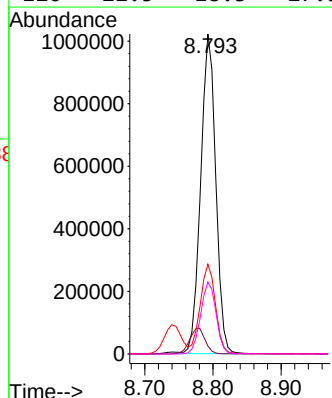
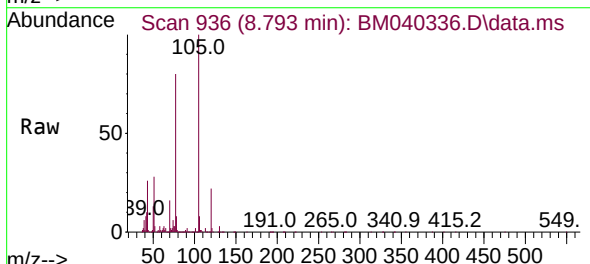
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.3	6.2	9.4
68	6.5	4.9	7.3

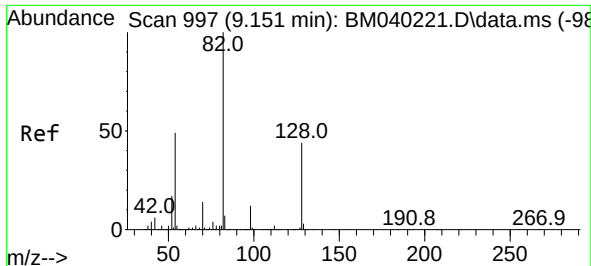


#22
Acetophenone
Concen: 48.644 ng
RT: 8.793 min Scan# 936
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:105 Resp: 1570802

Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.9	2.9
51	28.0	21.2	31.8
120	22.5	18.3	27.5





#23

Nitrobenzene-d5

Concen: 102.164 ng

RT: 9.134 min Scan# 99

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

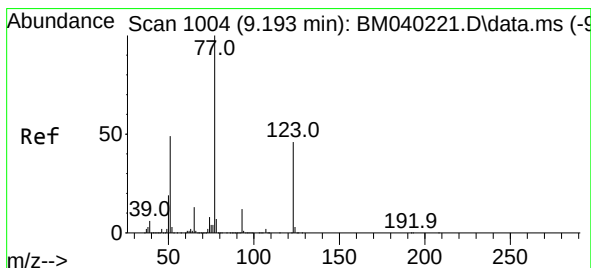
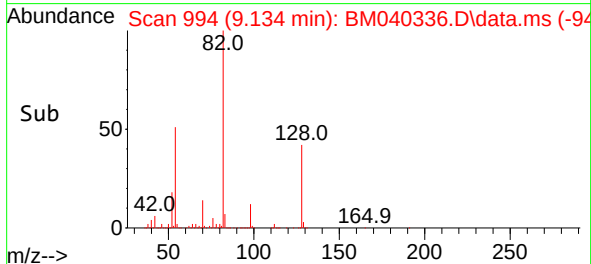
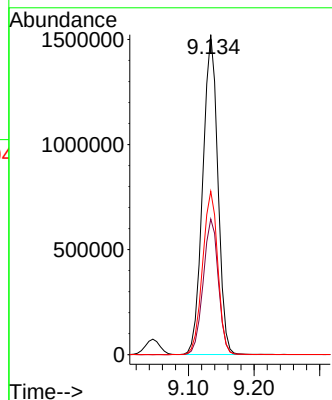
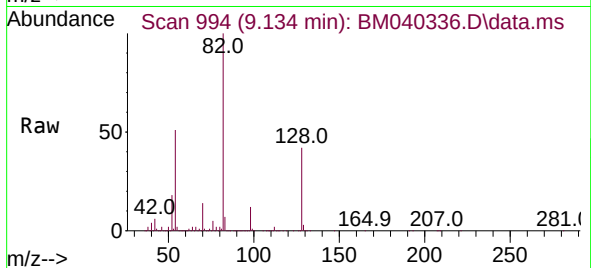
Tgt Ion: 82 Resp: 2420452

Ion Ratio Lower Upper

82 100

128 42.4 35.3 52.9

54 51.0 39.5 59.3



#24

Nitrobenzene

Concen: 49.213 ng

RT: 9.175 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

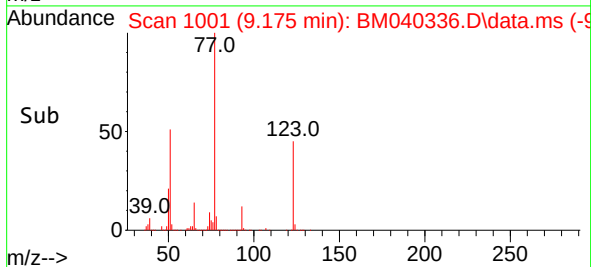
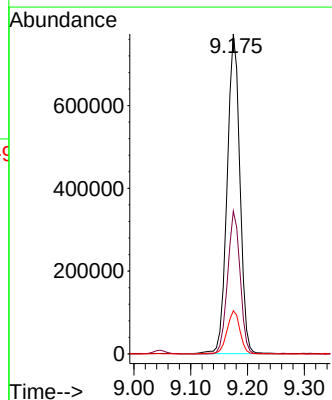
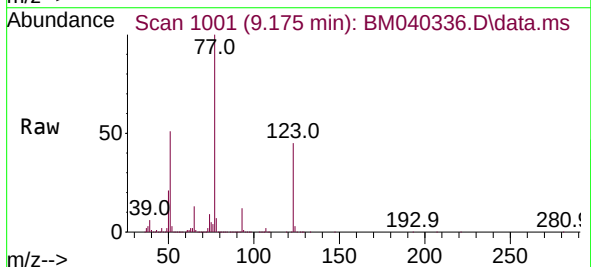
Tgt Ion: 77 Resp: 1196674

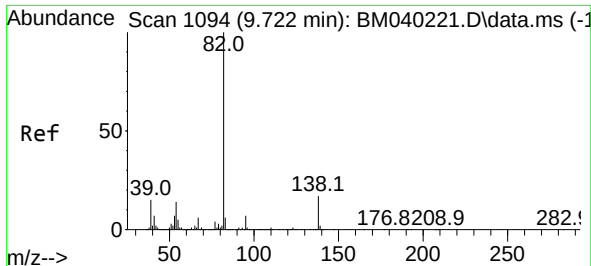
Ion Ratio Lower Upper

77 100

123 44.6 37.0 55.4

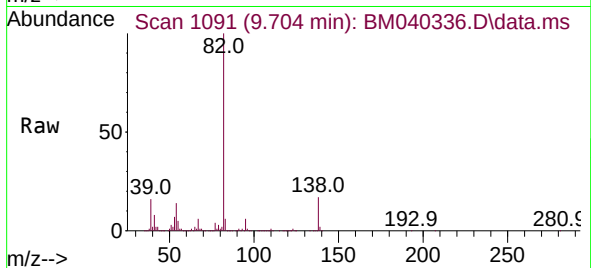
65 13.5 10.7 16.1



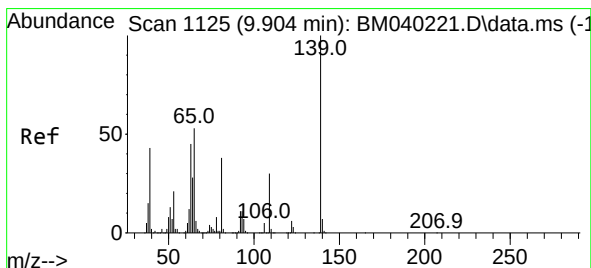
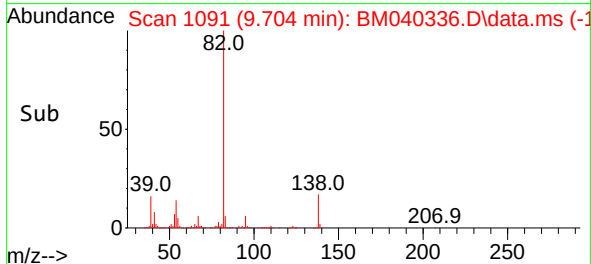
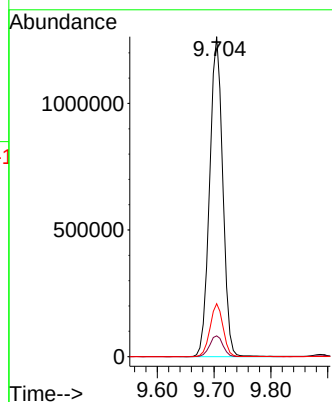


#25
Isophorone
Concen: 44.130 ng
RT: 9.704 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Instrument :
BNA_M
ClientSampleId :

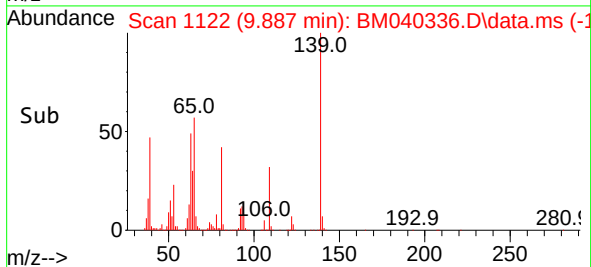
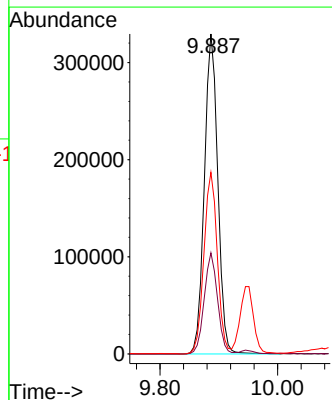
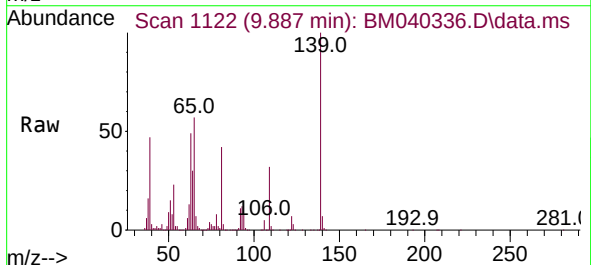


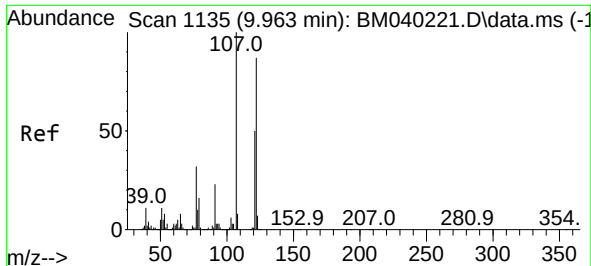
Tgt Ion: 82 Resp: 2031417
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 16.6 13.8 20.6



#26
2-Nitrophenol
Concen: 50.280 ng
RT: 9.887 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:139 Resp: 522488
Ion Ratio Lower Upper
139 100
109 31.6 23.9 35.9
65 56.7 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 49.127 ng

RT: 9.951 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

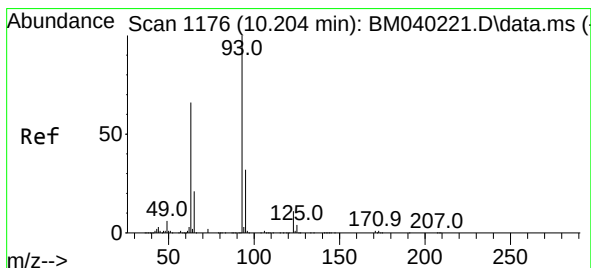
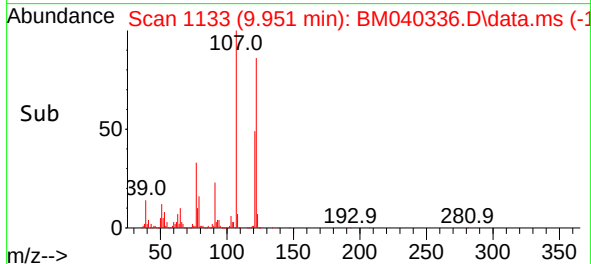
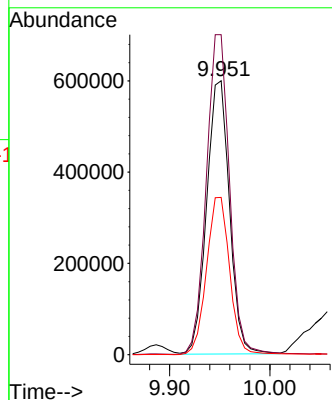
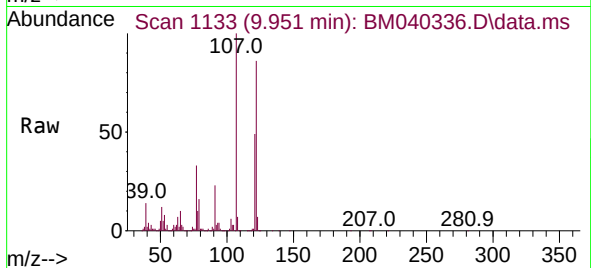
Tgt Ion:122 Resp: 949305

Ion Ratio Lower Upper

122 100

107 116.9 91.9 137.9

121 57.4 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.008 ng

RT: 10.187 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

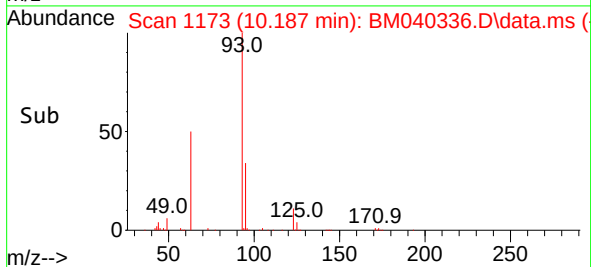
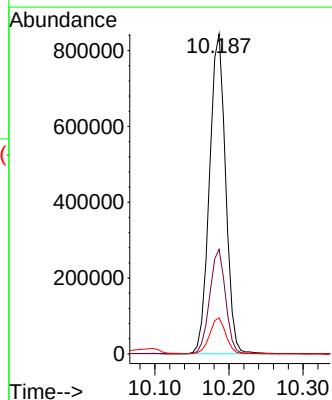
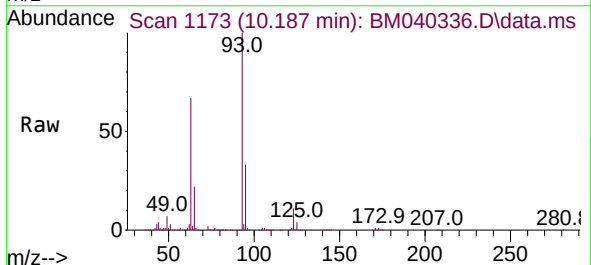
Tgt Ion: 93 Resp: 1273341

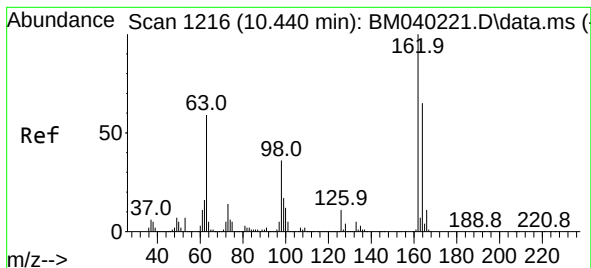
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 11.2 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 47.251 ng

RT: 10.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

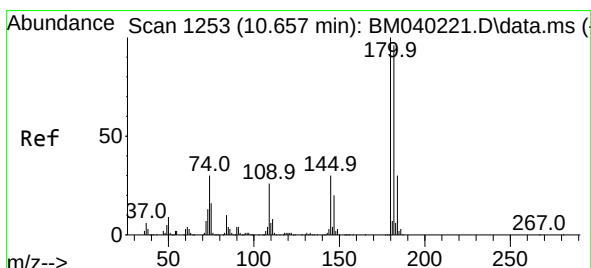
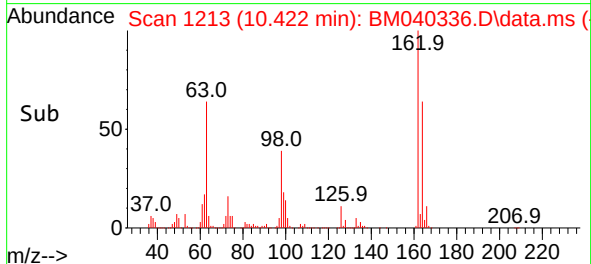
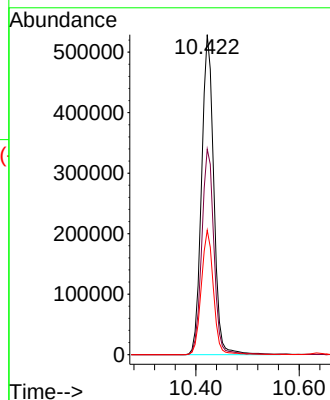
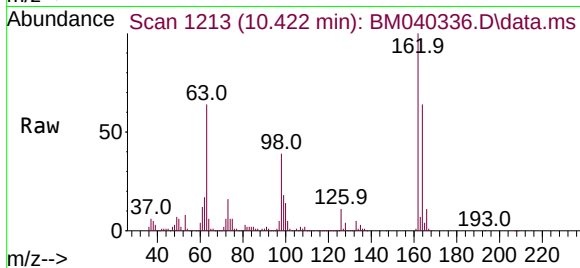
Tgt Ion:162 Resp: 864991

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

98 38.9 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 46.546 ng

RT: 10.634 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

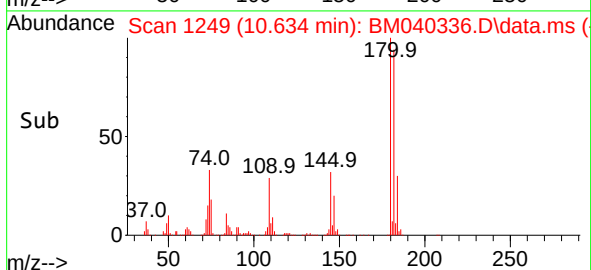
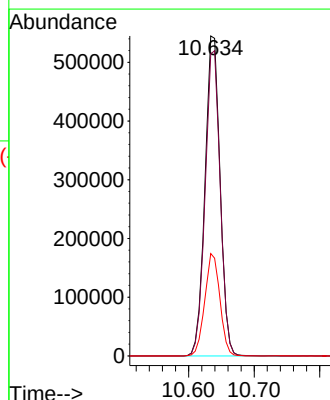
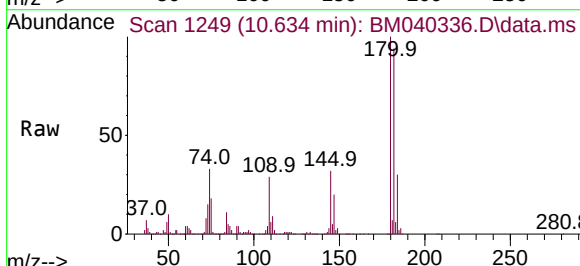
Tgt Ion:180 Resp: 868338

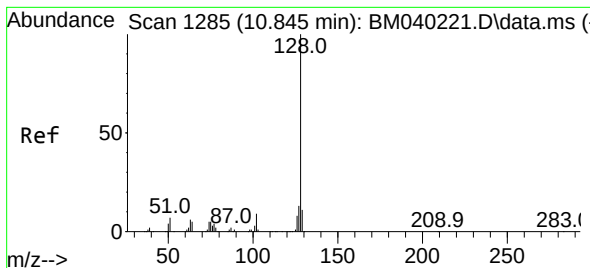
Ion Ratio Lower Upper

180 100

182 94.3 76.6 114.8

145 32.0 24.3 36.5





#31

Naphthalene

Concen: 46.273 ng

RT: 10.828 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

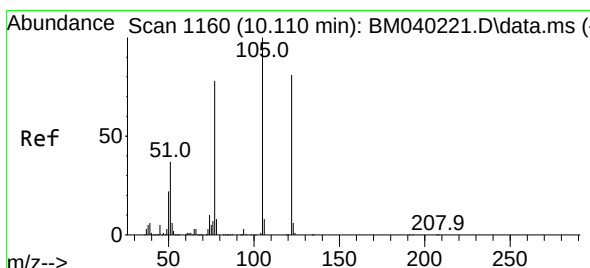
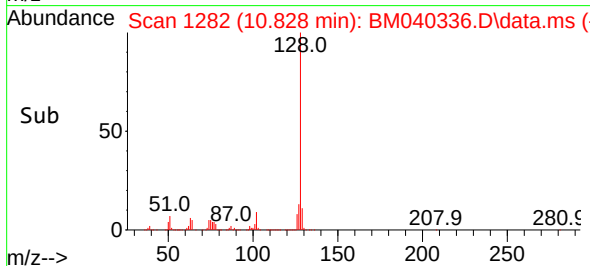
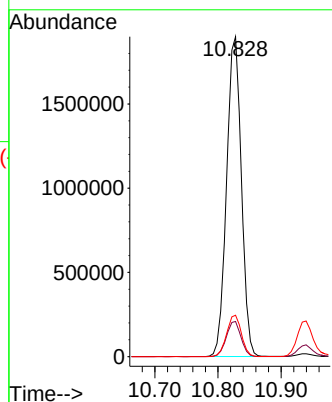
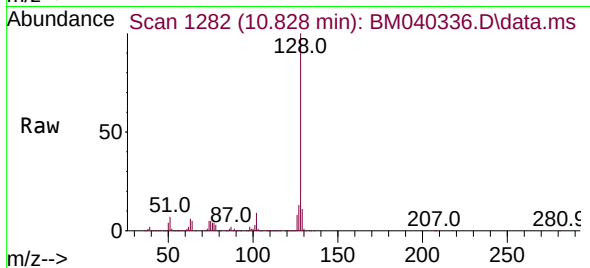
Tgt Ion:128 Resp: 3084098

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.9 10.4 15.6



#32

Benzoic acid

Concen: 41.963 ng

RT: 10.098 min Scan# 1158

Delta R.T. 0.023 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

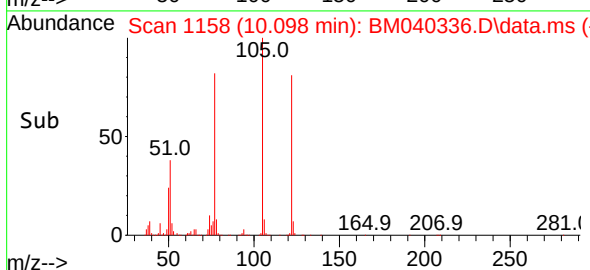
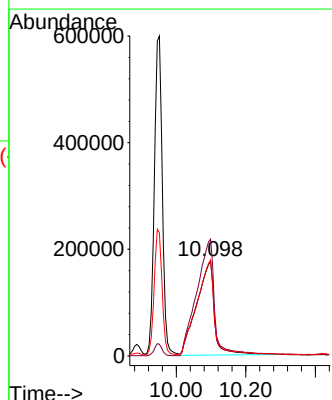
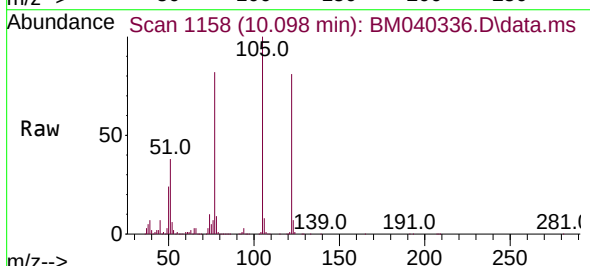
Tgt Ion:122 Resp: 627426

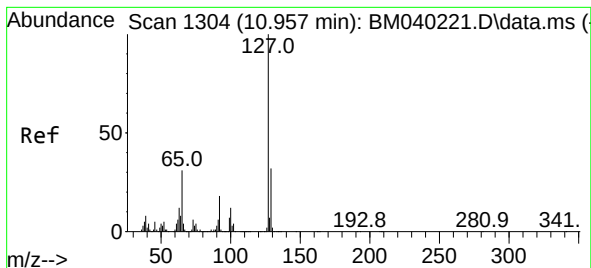
Ion Ratio Lower Upper

122 100

105 123.0 100.4 140.4

77 101.1 75.0 115.0

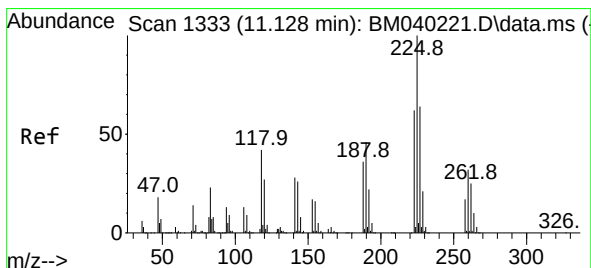
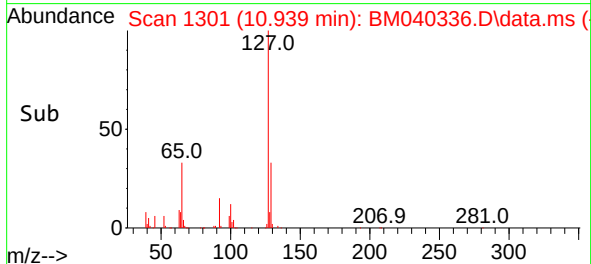
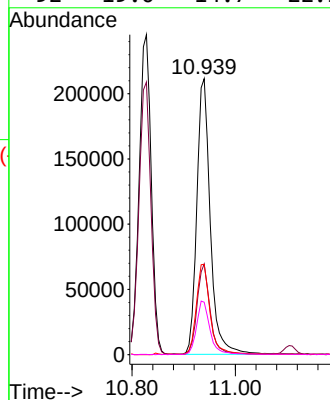
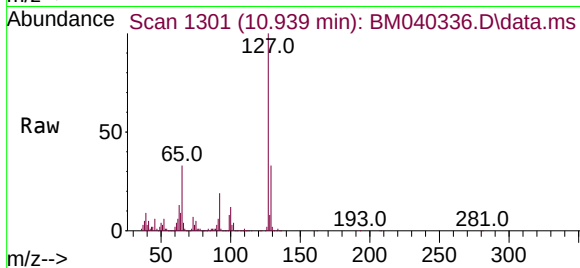




#33
4-Chloroaniline
Concen: 12.847 ng
RT: 10.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

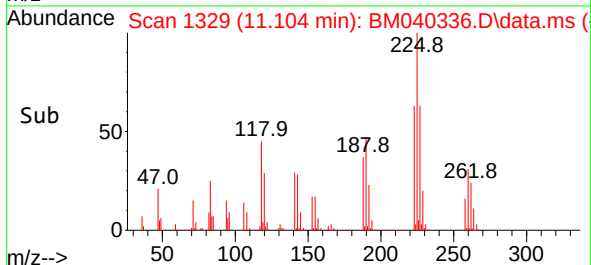
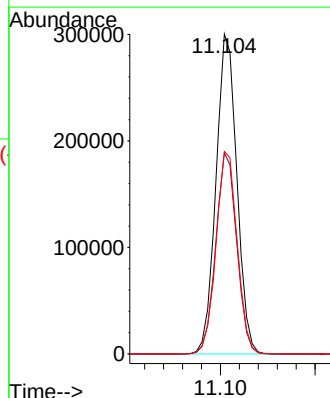
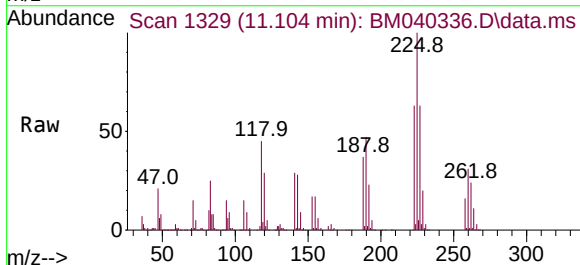
Instrument :
BNA_M
ClientSampleId :

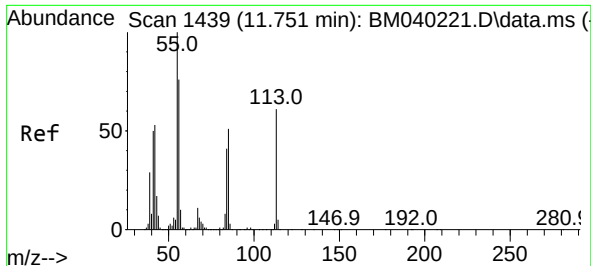
Tgt Ion:127	Resp: 383012
Ion Ratio	Lower Upper
127 100	
129 32.9	25.7 38.5
65 32.7	24.6 36.8
92 19.0	14.7 22.1



#34
Hexachlorobutadiene
Concen: 43.744 ng
RT: 11.104 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:225	Resp: 458768
Ion Ratio	Lower Upper
225 100	
223 62.9	49.5 74.3
227 63.2	51.1 76.7

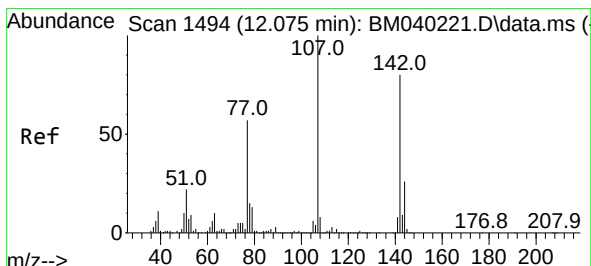
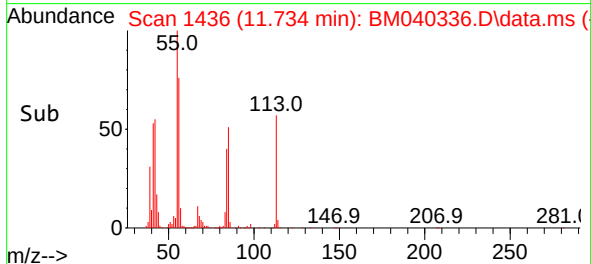
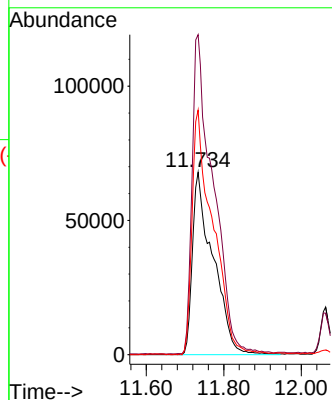
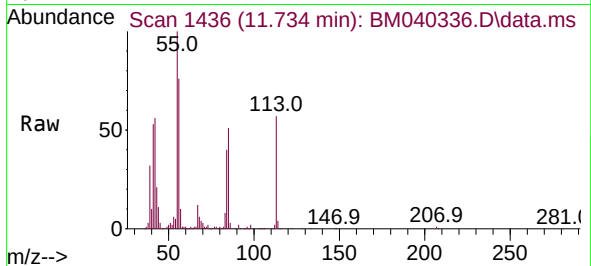




#35
Caprolactam
Concen: 39.106 ng
RT: 11.734 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

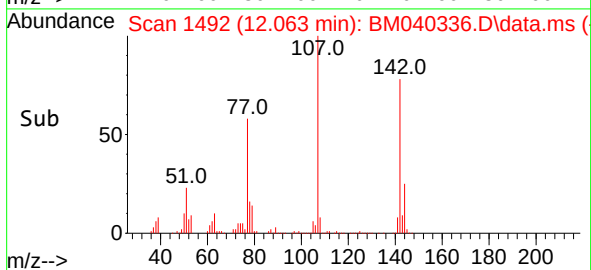
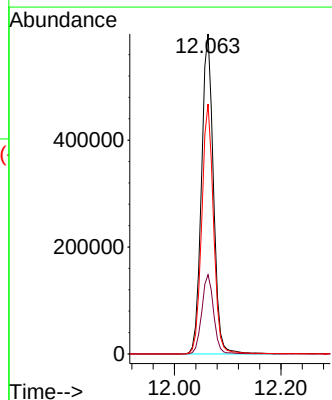
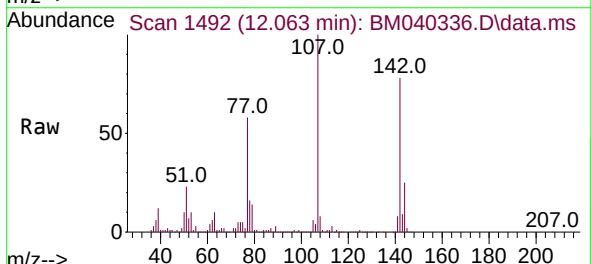
Instrument :
BNA_M
ClientSampleId :

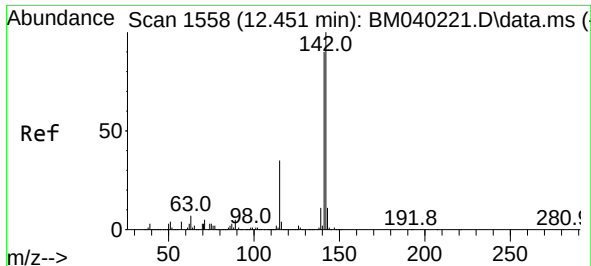
Tgt Ion:113 Resp: 249479
Ion Ratio Lower Upper
113 100
55 175.5 144.6 184.6
56 134.2 105.5 145.5



#36
4-Chloro-3-methylphenol
Concen: 43.764 ng
RT: 12.063 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:107 Resp: 929318
Ion Ratio Lower Upper
107 100
144 24.7 20.7 31.1
142 78.1 64.2 96.2

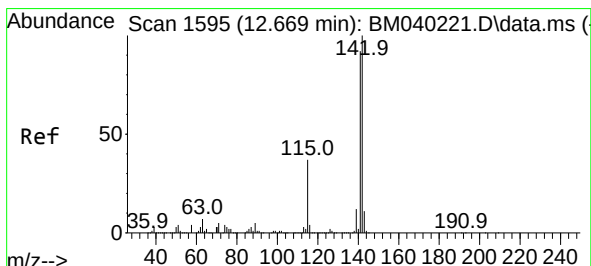
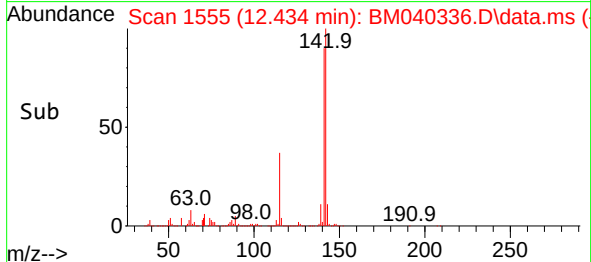
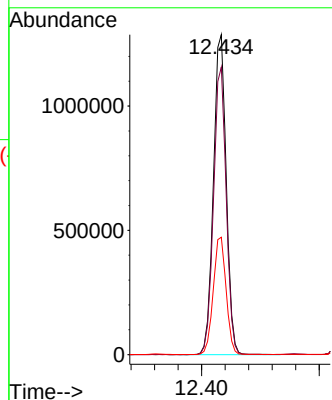
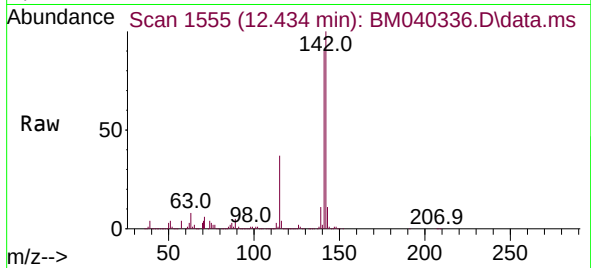




#37
2-Methylnaphthalene
Concen: 41.054 ng
RT: 12.434 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

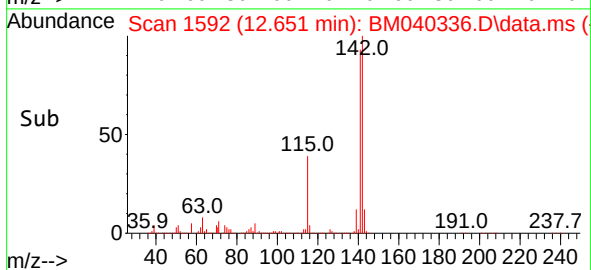
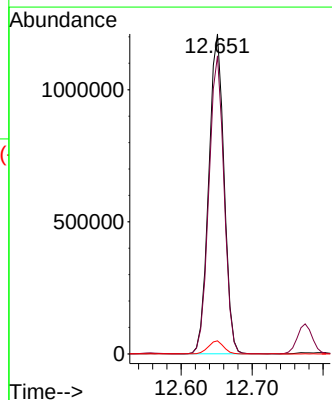
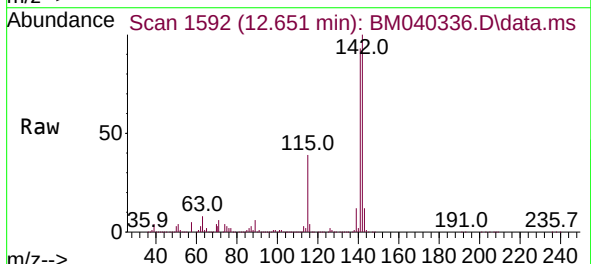
Instrument :
BNA_M
ClientSampleId :

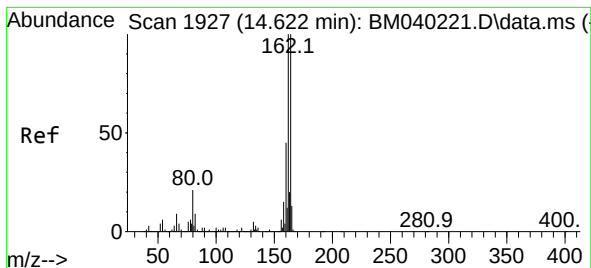
Tgt Ion:142 Resp: 1939966
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8
115 36.7 28.4 42.6



#38
1-Methylnaphthalene
Concen: 40.617 ng
RT: 12.651 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:142 Resp: 1812738
Ion Ratio Lower Upper
142 100
141 93.1 73.2 109.8
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 19

Delta R.T. -0.006 min

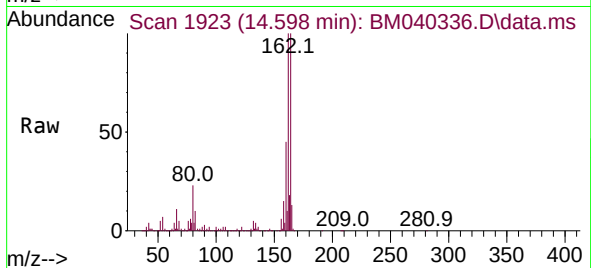
Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :



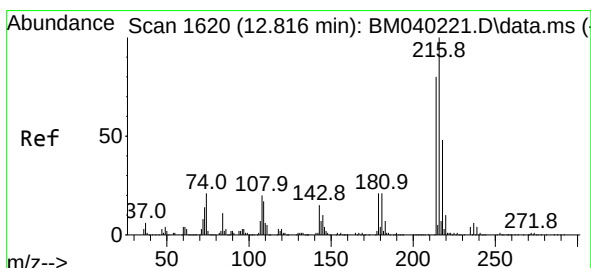
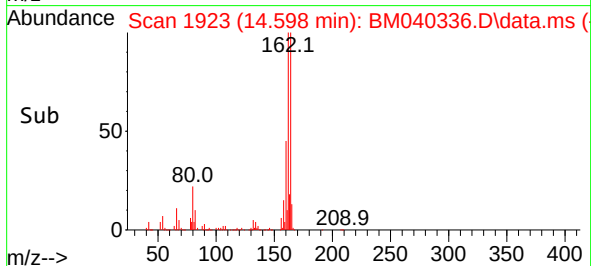
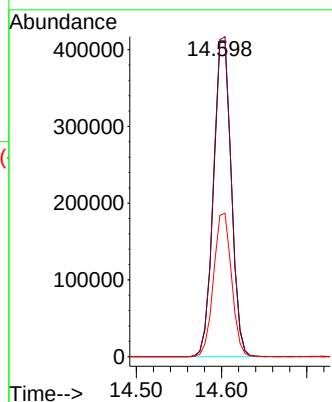
Tgt Ion:164 Resp: 595991

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

160 44.7 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.393 ng

RT: 12.798 min Scan# 1617

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Tgt Ion:216 Resp: 851699

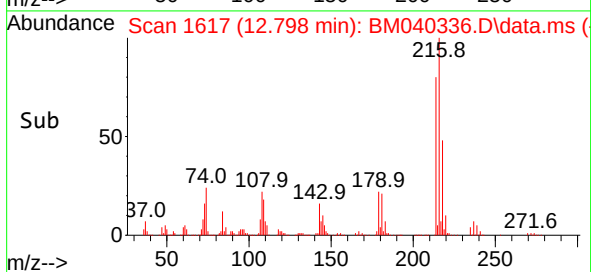
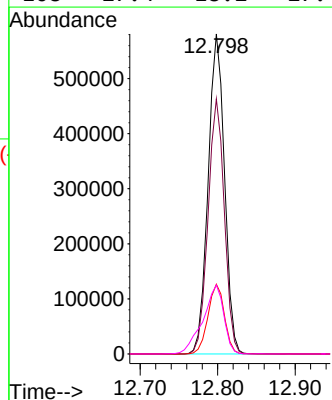
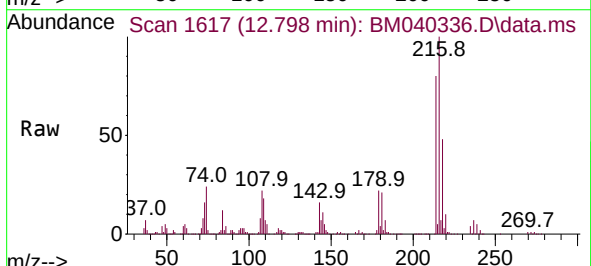
Ion Ratio Lower Upper

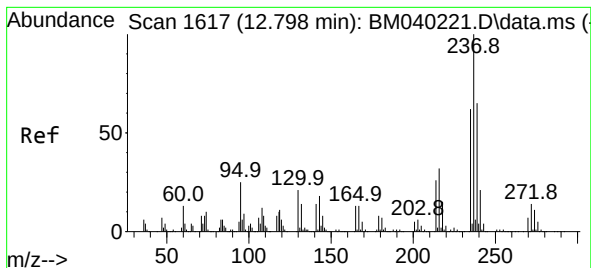
216 100

214 79.2 63.0 94.6

179 21.9 17.3 25.9

108 27.4 18.2 27.4#

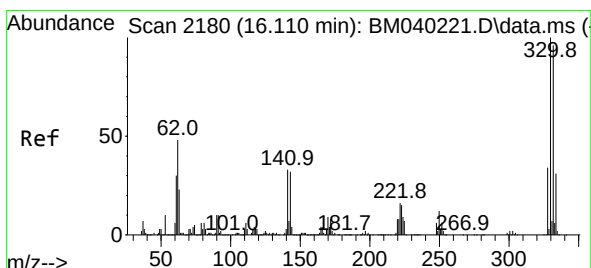
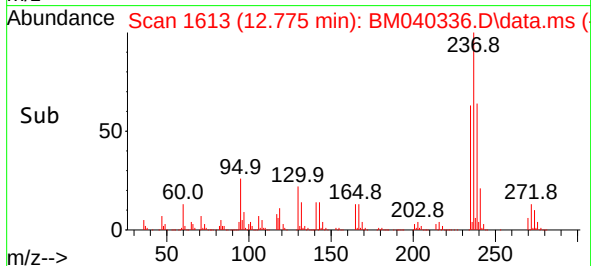
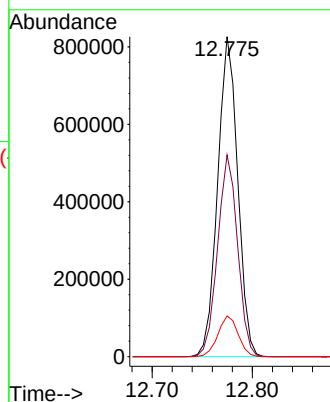
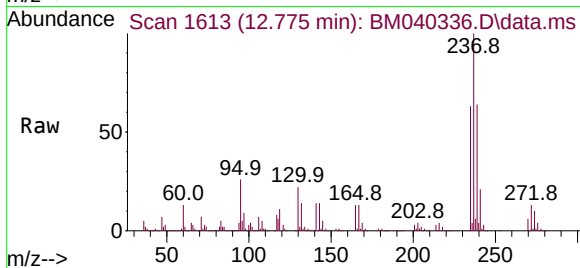




#41
Hexachlorocyclopentadiene
Concen: 126.114 ng
RT: 12.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

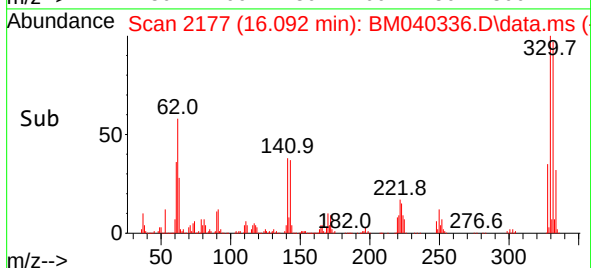
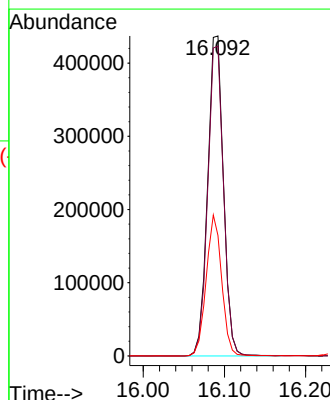
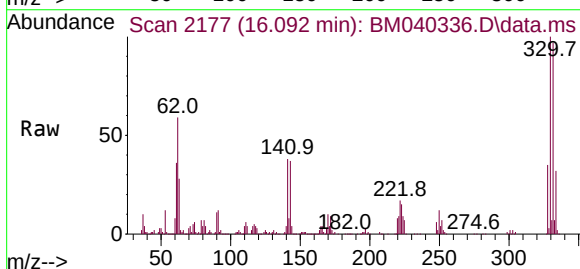
Instrument :
BNA_M
ClientSampleId :

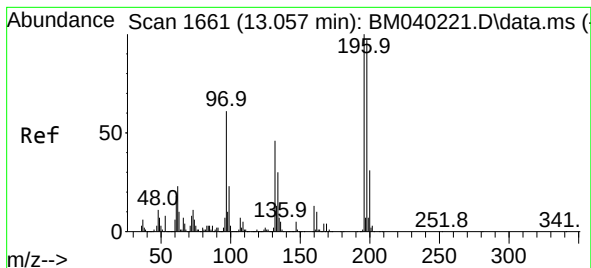
Tgt Ion:237 Resp: 1149702
Ion Ratio Lower Upper
237 100
235 63.0 42.1 82.1
272 12.7 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 71.169 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:330 Resp: 591709
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 43.2 30.0 45.0





#43

2,4,6-Trichlorophenol

Concen: 49.839 ng

RT: 13.039 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

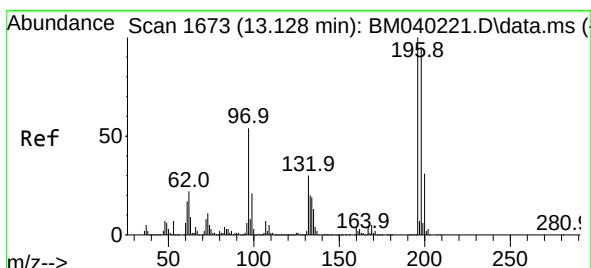
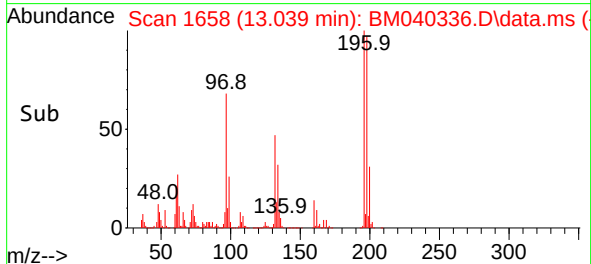
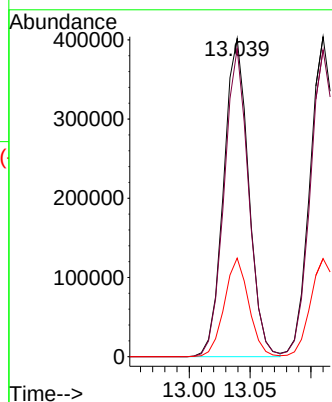
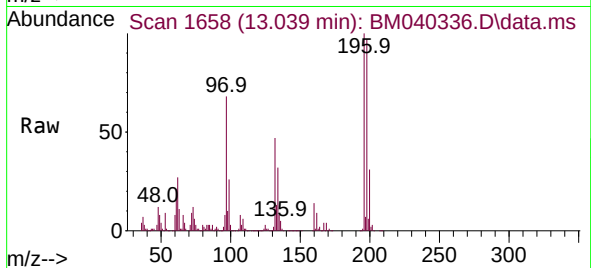
Tgt Ion:196 Resp: 572772

Ion Ratio Lower Upper

196 100

198 96.8 77.8 116.8

200 30.9 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 44.105 ng

RT: 13.110 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Tgt Ion:196 Resp: 603808

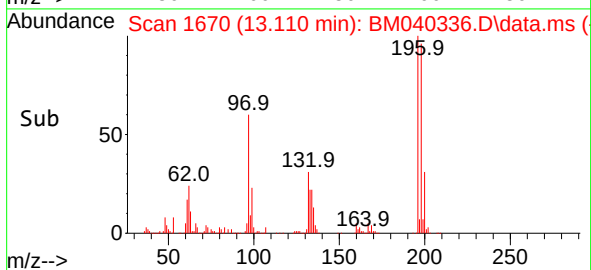
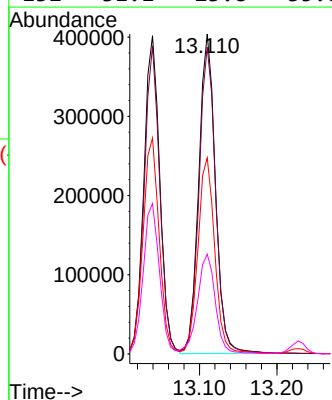
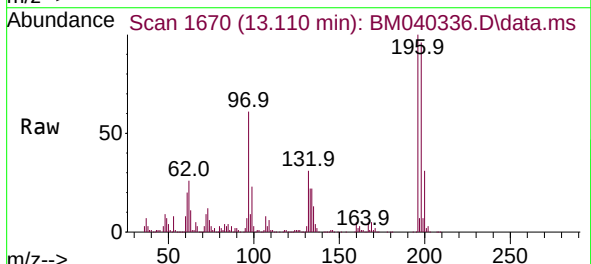
Ion Ratio Lower Upper

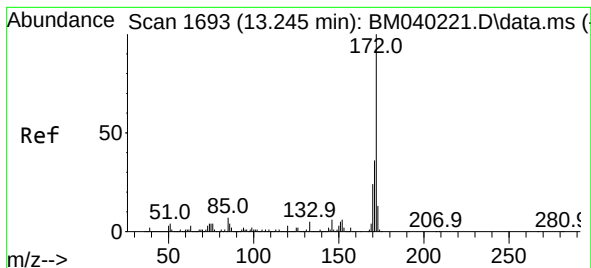
196 100

198 95.9 75.9 113.9

97 61.3 43.0 64.6

132 31.1 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 102.524 ng

RT: 13.228 min Scan# 1690

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

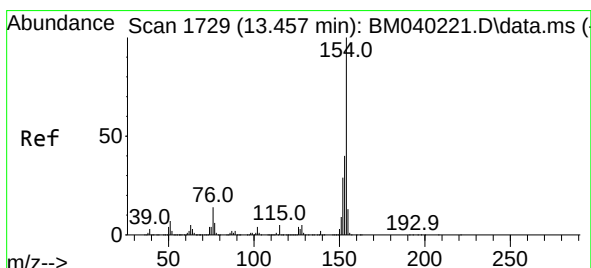
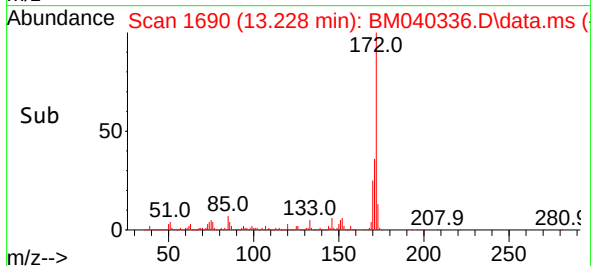
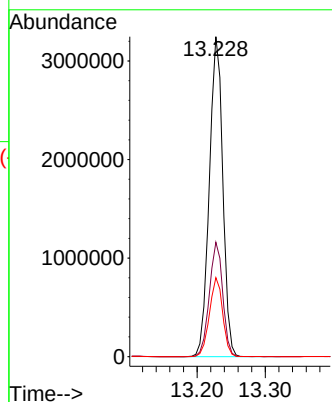
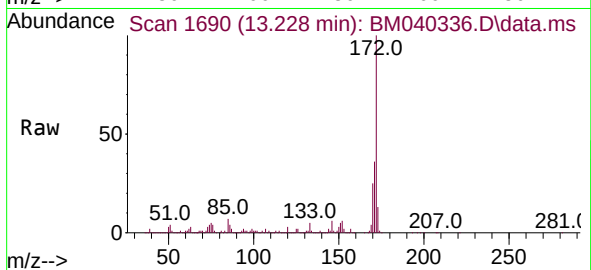
Tgt Ion:172 Resp: 4451612

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.7 19.5 29.3



#46

1,1'-Biphenyl

Concen: 50.347 ng

RT: 13.439 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

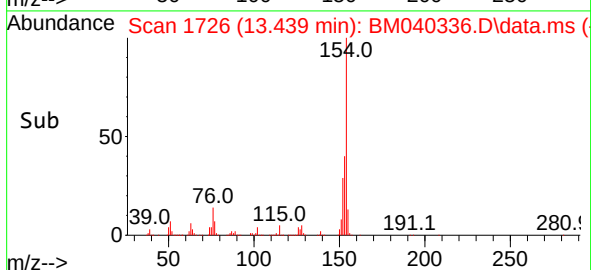
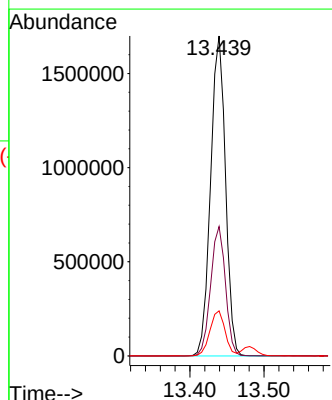
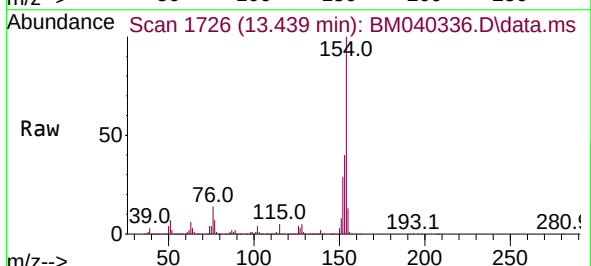
Tgt Ion:154 Resp: 2368453

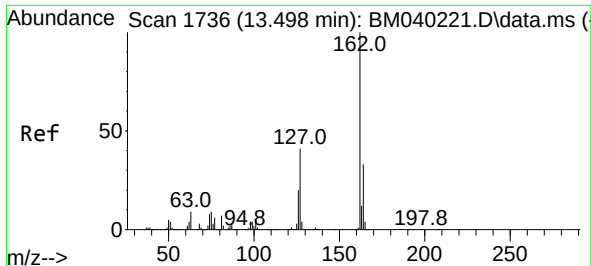
Ion Ratio Lower Upper

154 100

153 40.4 20.5 60.5

76 14.1 0.0 33.7





#47

2-Chloronaphthalene

Concen: 50.685 ng

RT: 13.480 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

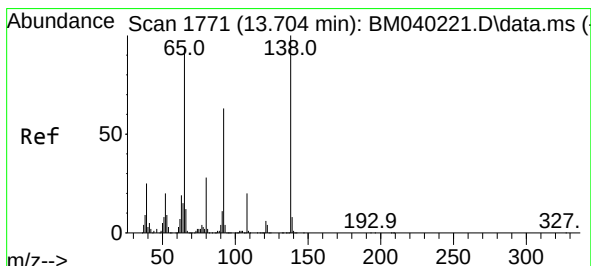
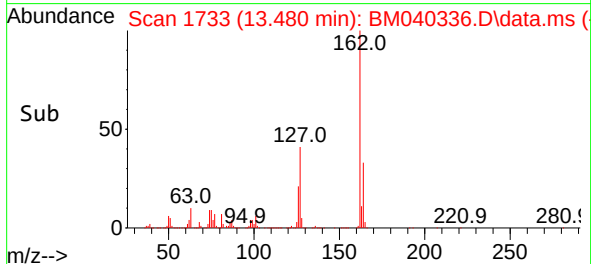
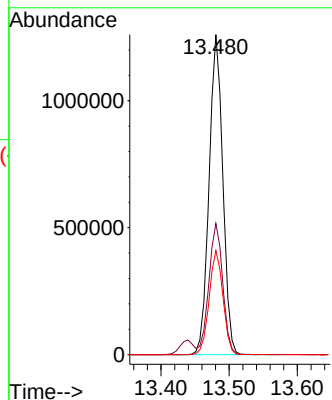
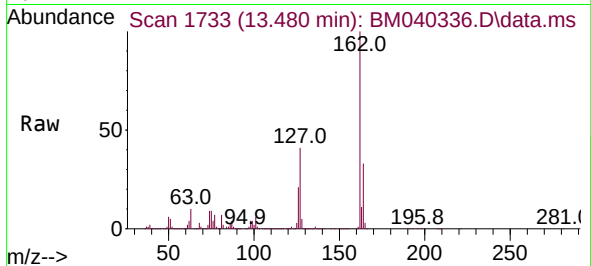
Tgt Ion:162 Resp: 1765716

Ion Ratio Lower Upper

162 100

127 41.0 32.7 49.1

164 32.5 26.6 40.0



#48

2-Nitroaniline

Concen: 50.636 ng

RT: 13.686 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

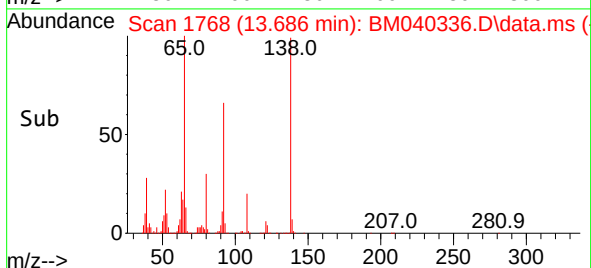
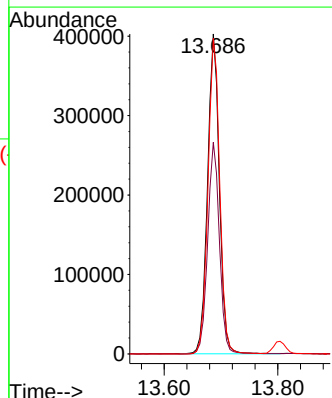
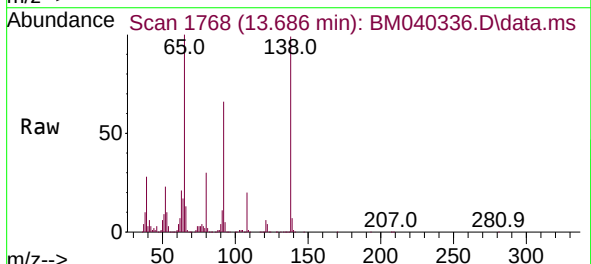
Tgt Ion: 65 Resp: 581526

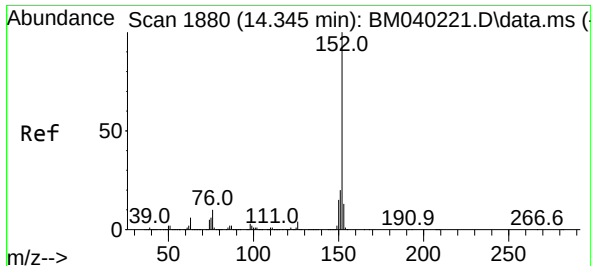
Ion Ratio Lower Upper

65 100

92 66.1 54.1 81.1

138 98.7 86.0 129.0

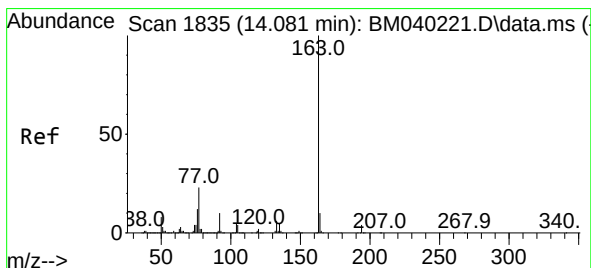
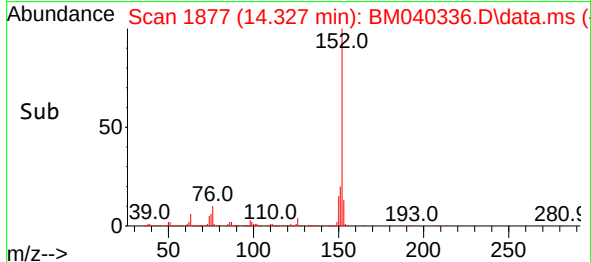
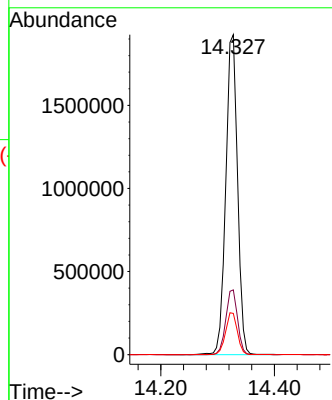
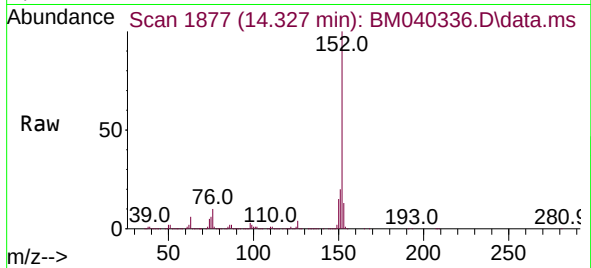




#49
Acenaphthylene
Concen: 47.261 ng
RT: 14.327 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

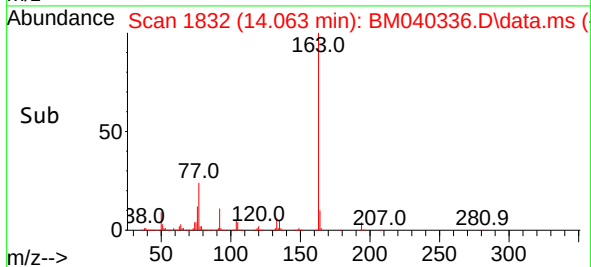
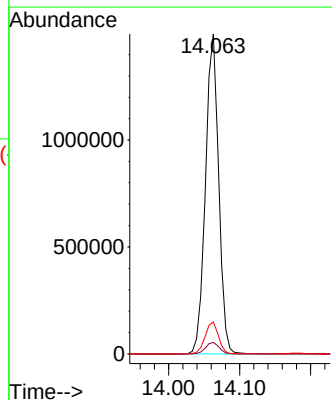
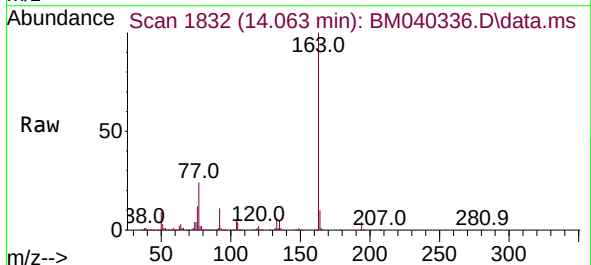
Instrument :
BNA_M
ClientSampleId :

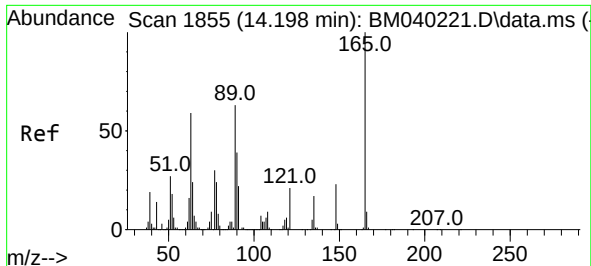
Tgt Ion:152 Resp: 2746375
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 40.485 ng
RT: 14.063 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:163 Resp: 1920004
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.0 8.1 12.1

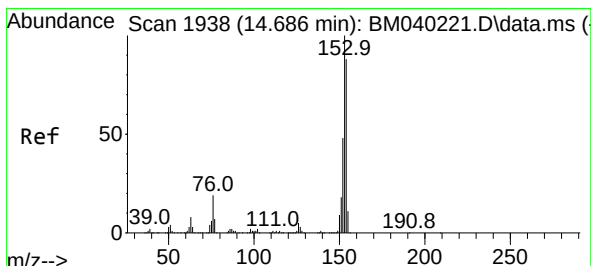
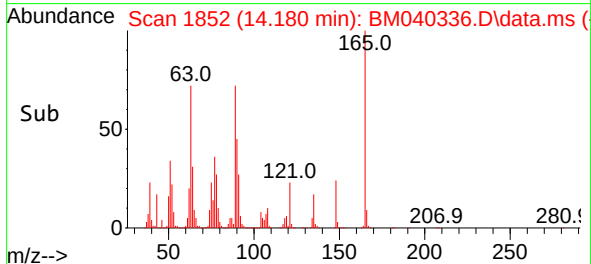
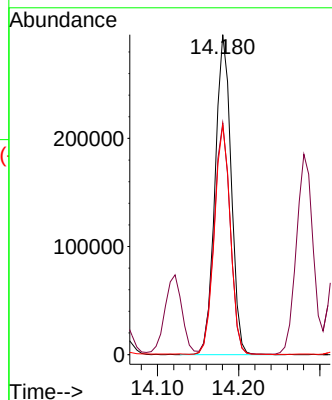
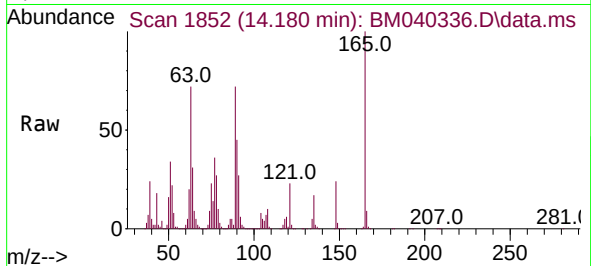




#51
2,6-Dinitrotoluene
Concen: 42.119 ng
RT: 14.180 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

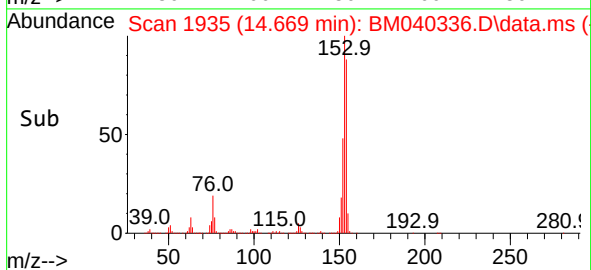
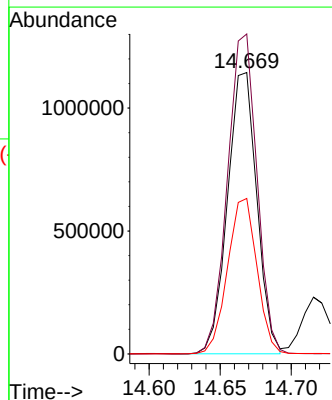
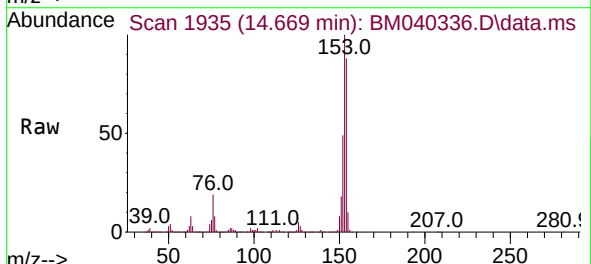
Instrument :
BNA_M
ClientSampleId :

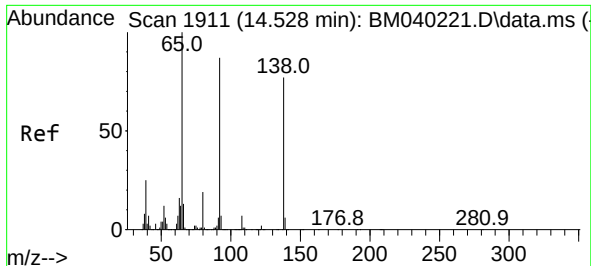
Tgt Ion:165 Resp: 406435
Ion Ratio Lower Upper
165 100
63 72.4 49.8 74.8
89 71.8 50.2 75.4



#52
Acenaphthene
Concen: 46.399 ng
RT: 14.669 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:154 Resp: 1644985
Ion Ratio Lower Upper
154 100
153 113.7 90.9 136.3
152 55.3 43.8 65.8

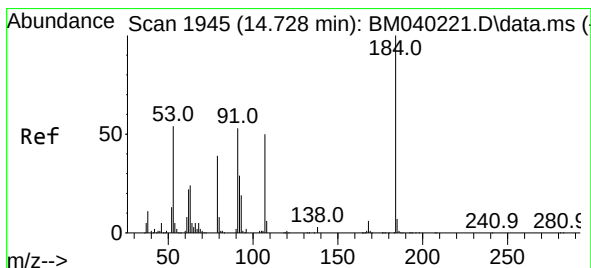
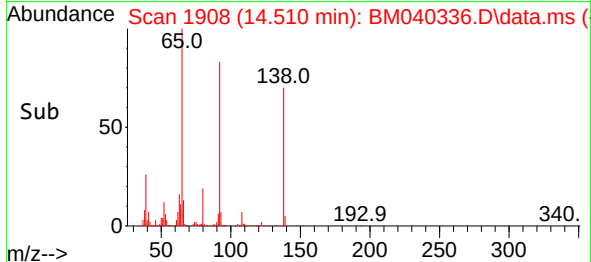
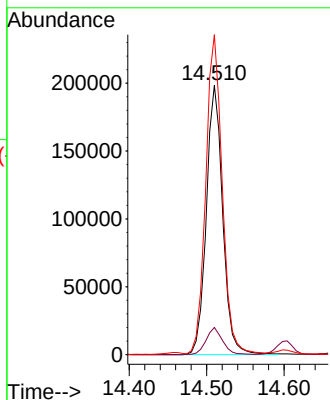
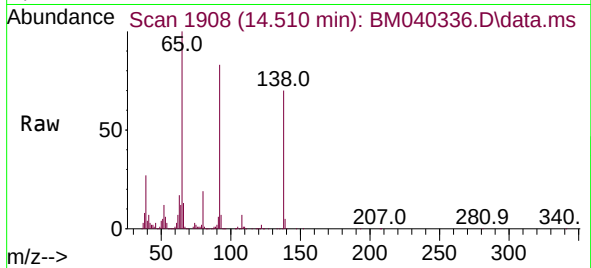




#53
3-Nitroaniline
Concen: 25.435 ng
RT: 14.510 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

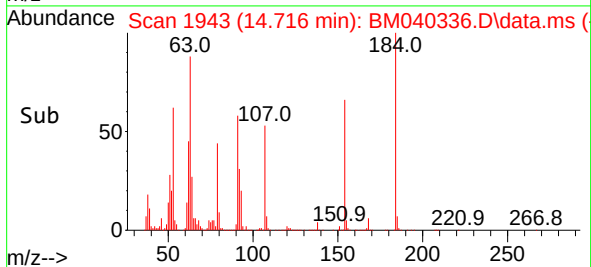
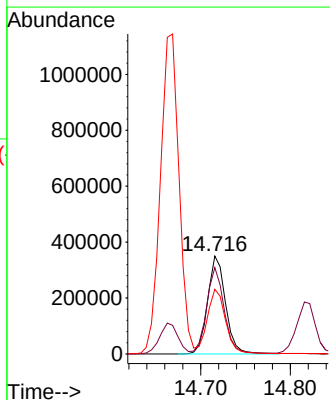
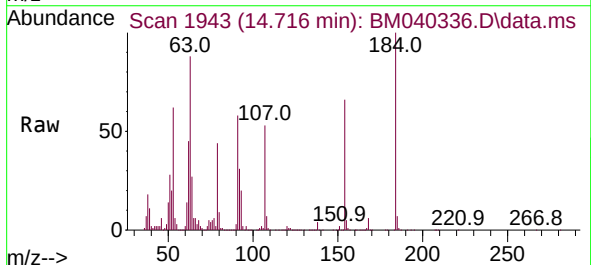
Instrument :
BNA_M
ClientSampleId :

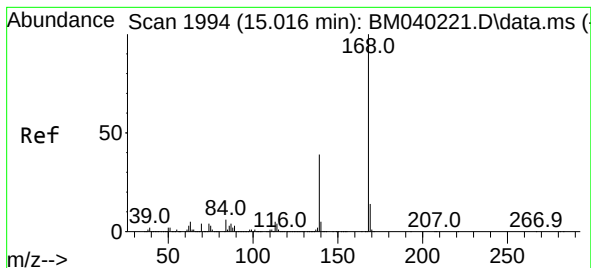
Tgt Ion:138 Resp: 291588
Ion Ratio Lower Upper
138 100
108 10.1 7.7 11.5
92 118.8 90.3 135.5



#54
2,4-Dinitrophenol
Concen: 78.710 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:184 Resp: 484638
Ion Ratio Lower Upper
184 100
63 88.2 63.8 95.8
154 66.0 52.6 79.0





#55

Dibenzenofuran

Concen: 44.053 ng

RT: 14.998 min Scan# 1994

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

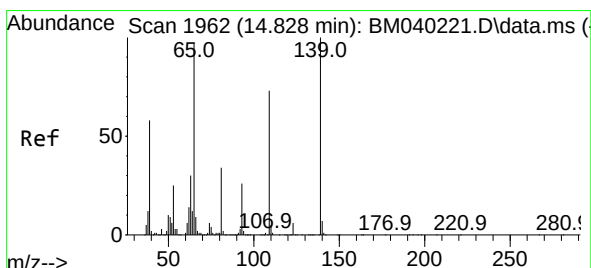
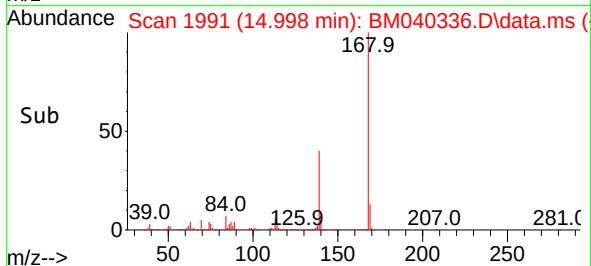
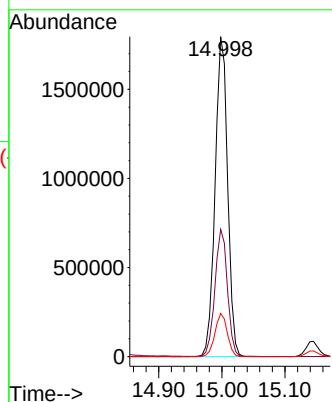
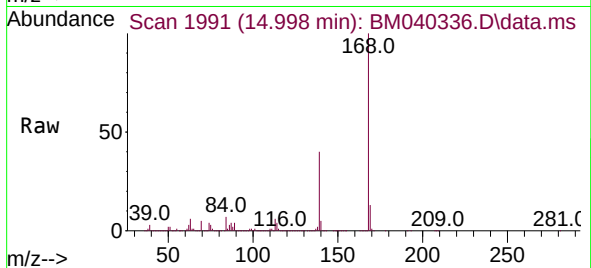
Tgt Ion:168 Resp: 2470585

Ion Ratio Lower Upper

168 100

139 39.8 31.2 46.8

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 90.161 ng

RT: 14.822 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

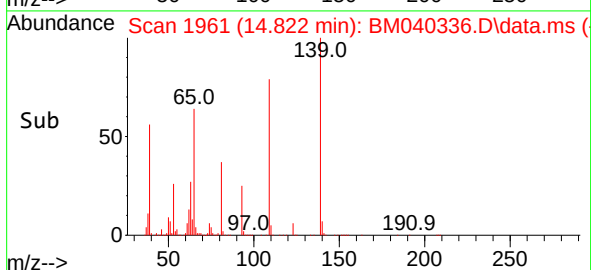
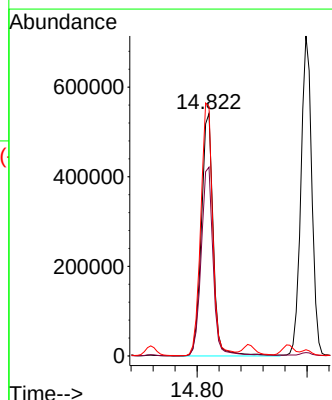
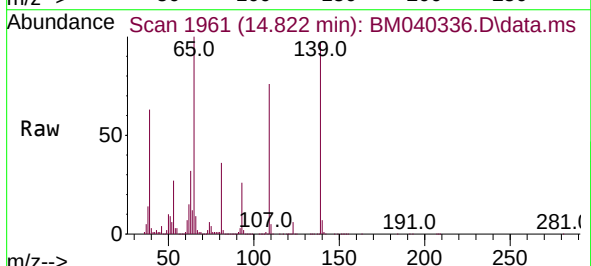
Tgt Ion:139 Resp: 807905

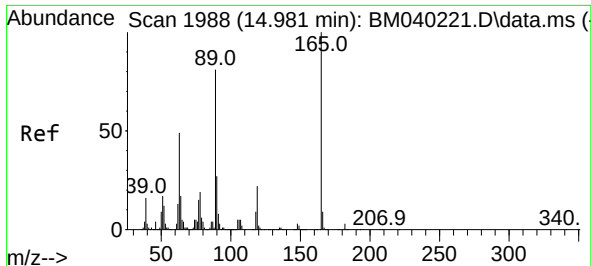
Ion Ratio Lower Upper

139 100

109 77.9 53.1 93.1

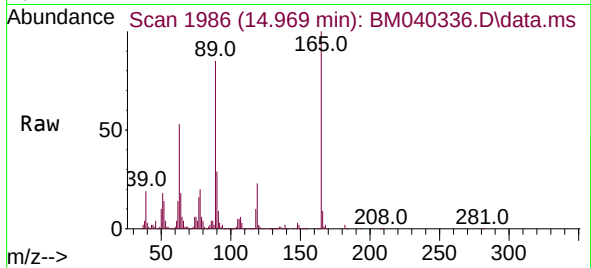
65 102.9 77.4 117.4



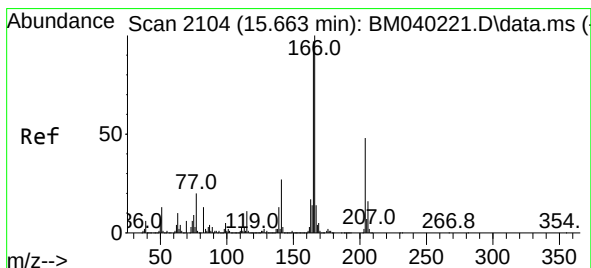
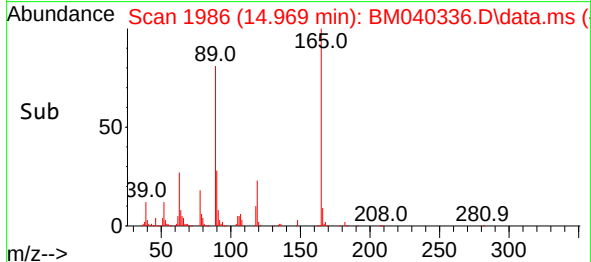
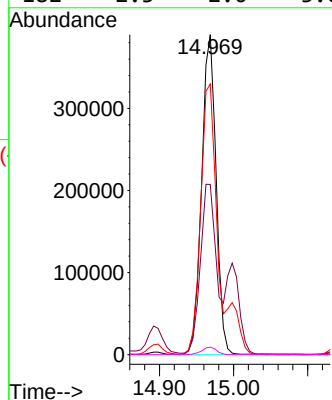


#57
2,4-Dinitrotoluene
Concen: 40.533 ng
RT: 14.969 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Instrument :
BNA_M
ClientSampleId :

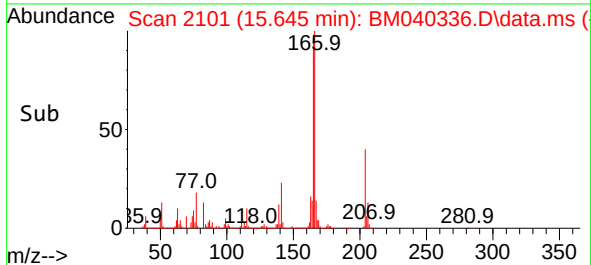
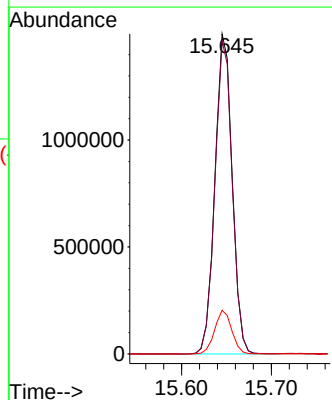
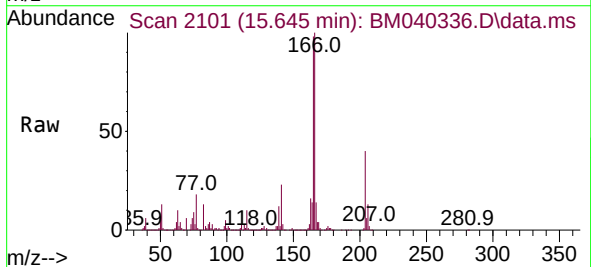


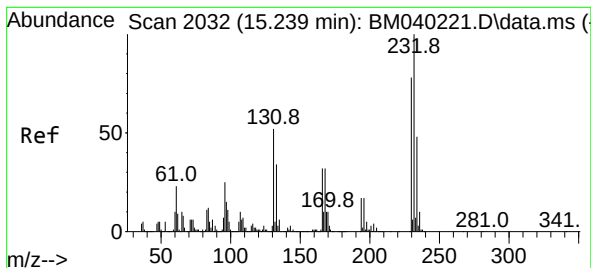
Tgt Ion:165 Resp: 527094
Ion Ratio Lower Upper
165 100
63 53.2 39.0 58.4
89 84.6 64.6 96.8
182 2.3 2.0 3.0



#58
Fluorene
Concen: 44.019 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:166 Resp: 2009950
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.6 11.1 16.7

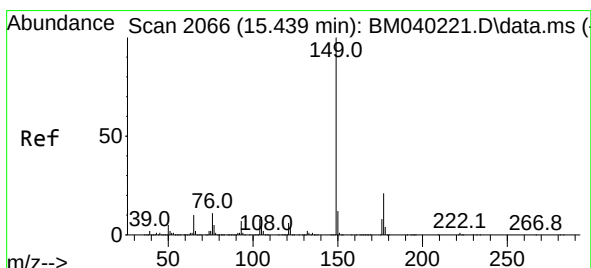
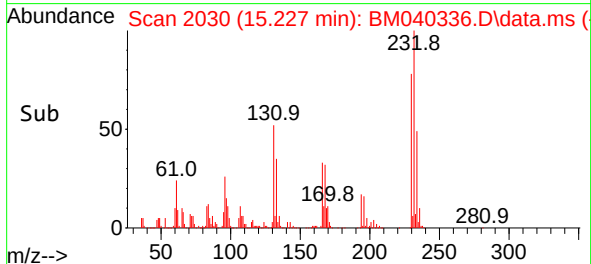
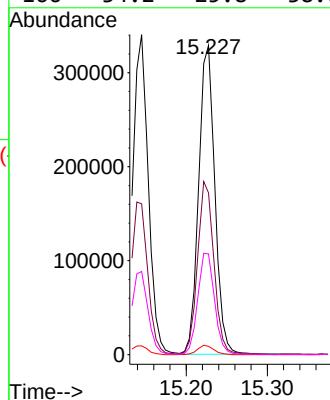
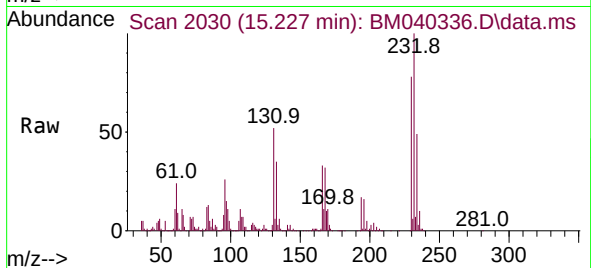




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.876 ng
RT: 15.227 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

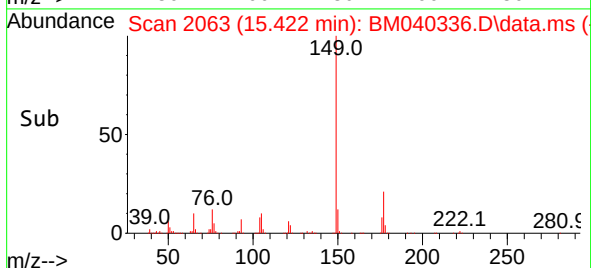
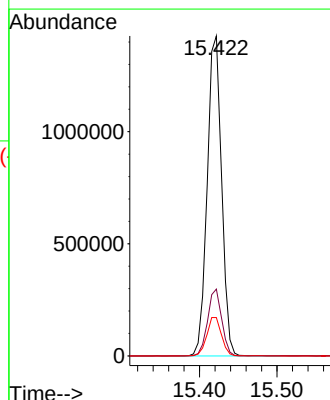
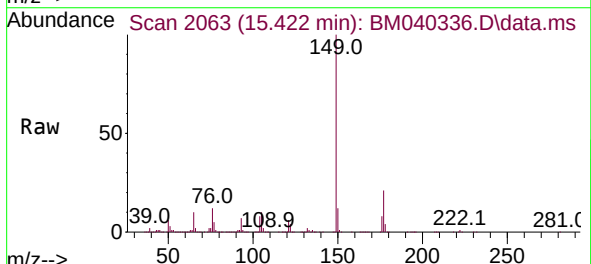
Instrument :
BNA_M
ClientSampleId :

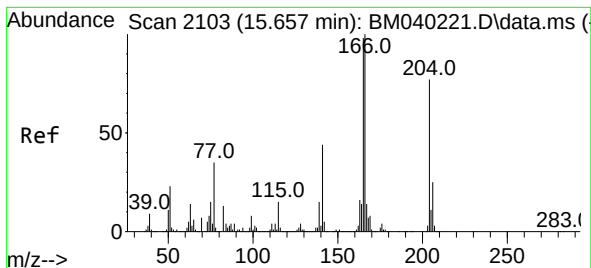
Tgt Ion:232 Resp: 455186
Ion Ratio Lower Upper
232 100
131 56.6 41.9 62.9
130 3.0 2.2 3.2
166 34.2 25.8 38.6



#60
Diethylphthalate
Concen: 37.635 ng
RT: 15.422 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:149 Resp: 1833992
Ion Ratio Lower Upper
149 100
177 20.9 17.1 25.7
150 12.0 9.8 14.8

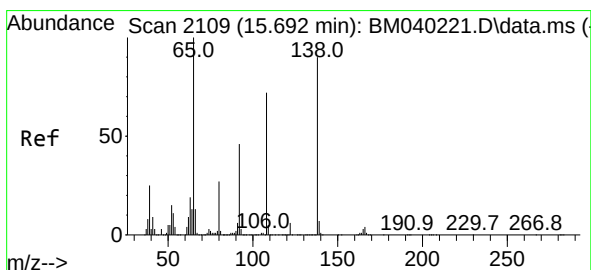
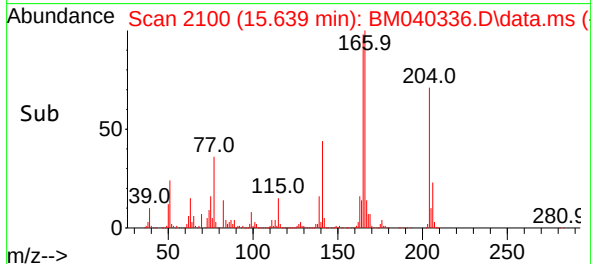
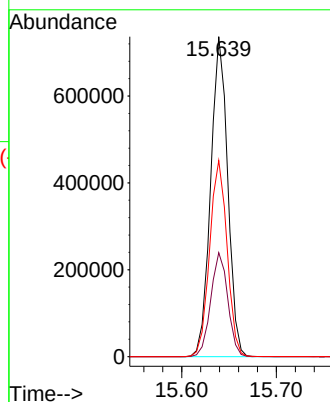
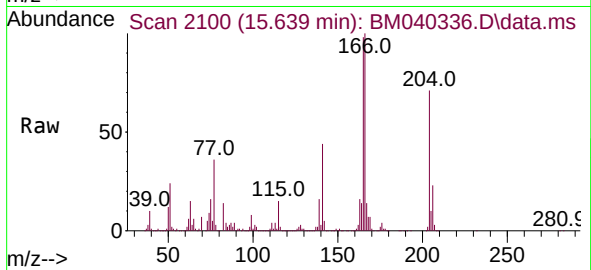




#61
4-Chlorophenyl-phenylether
Concen: 40.975 ng
RT: 15.639 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

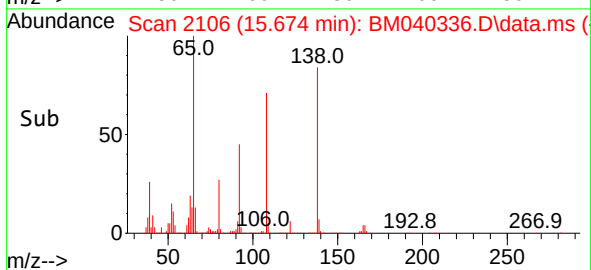
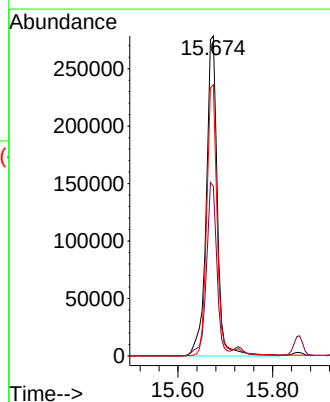
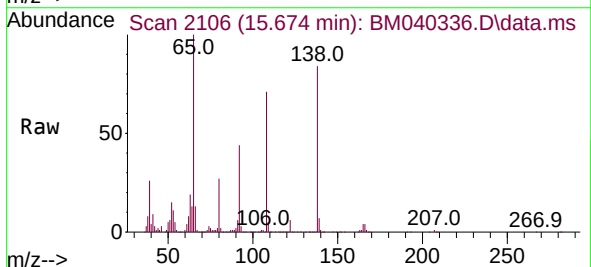
Instrument :
BNA_M
ClientSampleId :

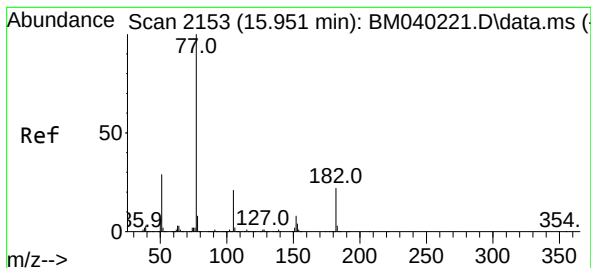
Tgt Ion:204 Resp: 920184
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 61.3 46.4 69.6



#62
4-Nitroaniline
Concen: 38.275 ng
RT: 15.674 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:138 Resp: 450880
Ion Ratio Lower Upper
138 100
92 53.0 30.9 70.9
108 84.7 60.7 100.7





#63

Azobenzene

Concen: 43.491 ng

RT: 15.933 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 2128304

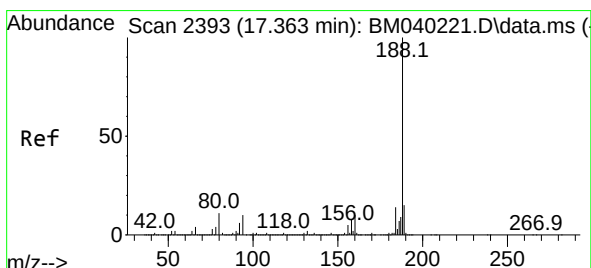
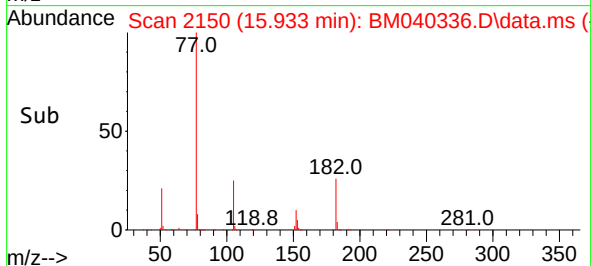
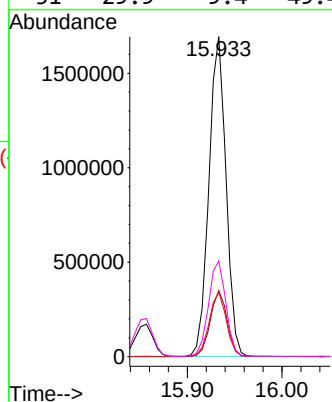
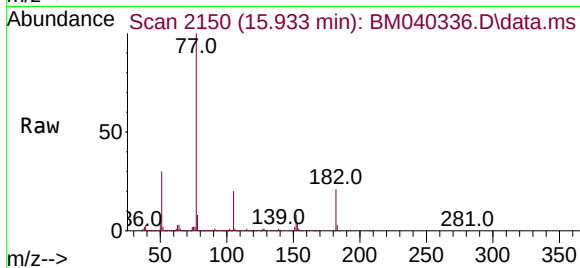
Ion Ratio Lower Upper

77 100

182 20.6 2.1 42.1

105 20.1 1.2 41.2

51 29.9 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 2390

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

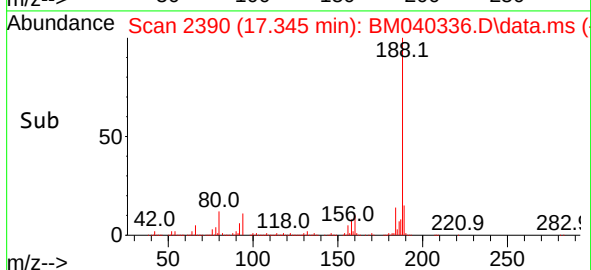
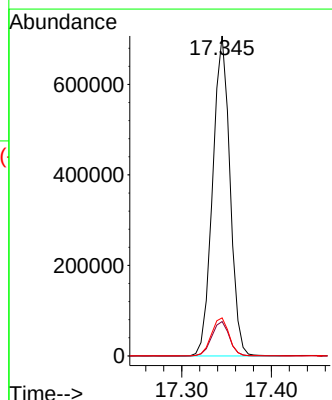
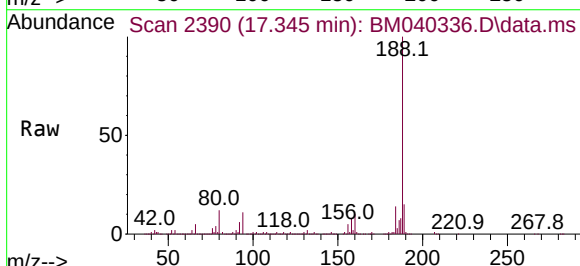
Tgt Ion:188 Resp: 946385

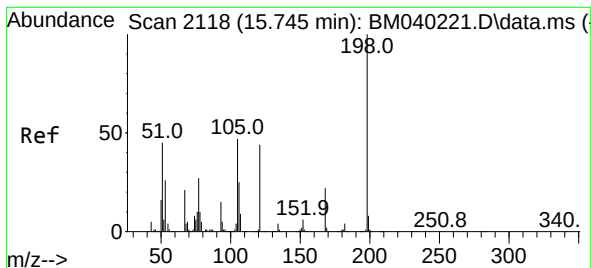
Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 11.9 8.6 12.8

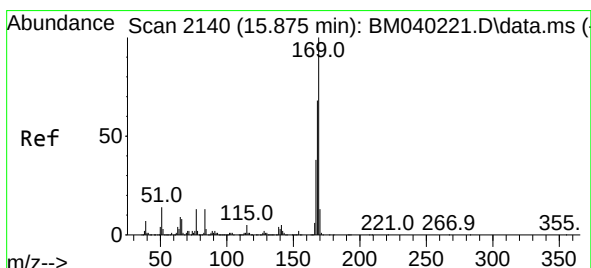
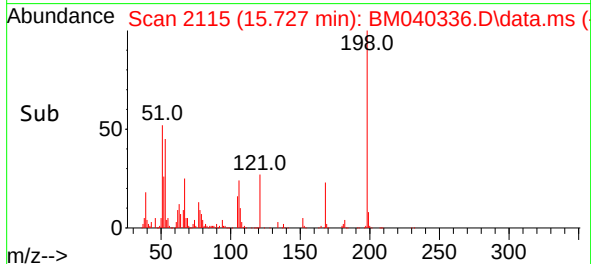
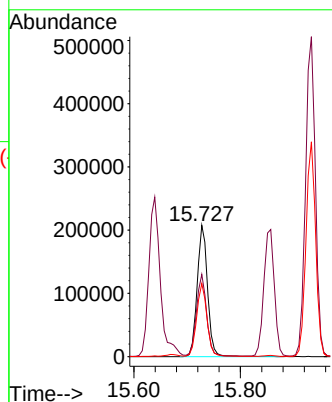
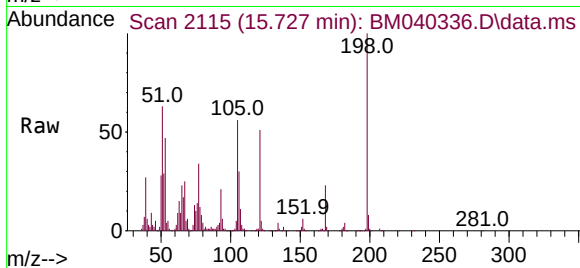




#65
4,6-Dinitro-2-methylphenol
Concen: 49.336 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

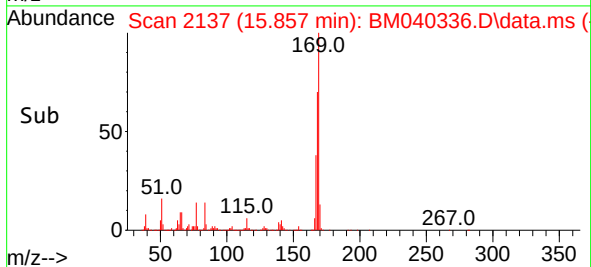
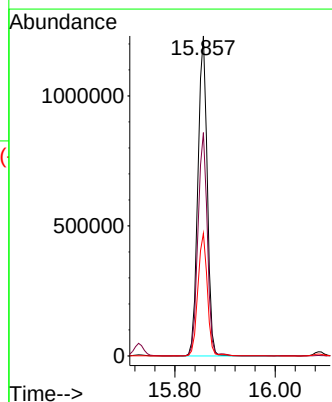
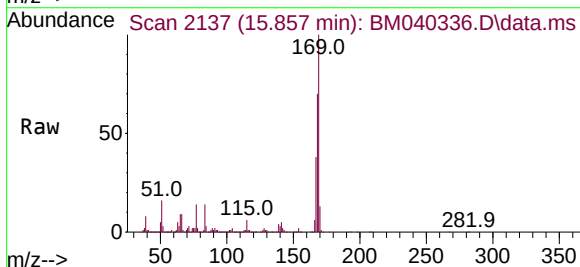
Instrument :
BNA_M
ClientSampleId :

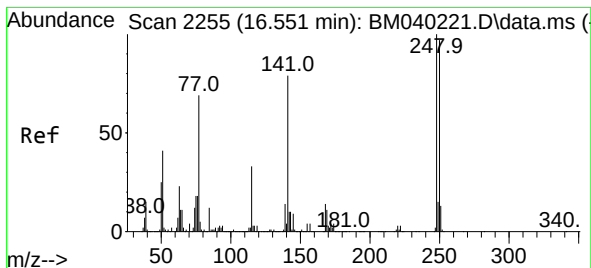
Tgt Ion:198 Resp: 279934
Ion Ratio Lower Upper
198 100
51 62.6 30.9 70.9
105 55.7 28.6 68.6



#66
n-Nitrosodiphenylamine
Concen: 52.960 ng
RT: 15.857 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

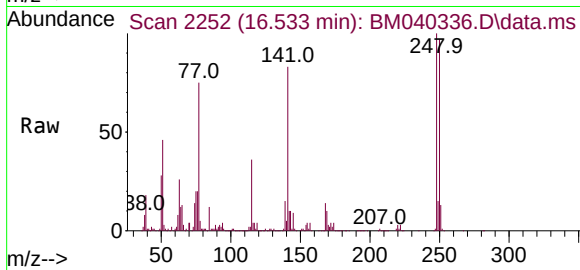
Tgt Ion:169 Resp: 1581627
Ion Ratio Lower Upper
169 100
168 69.8 54.5 81.7
167 38.3 30.3 45.5



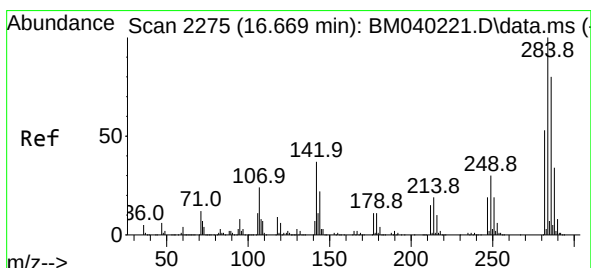
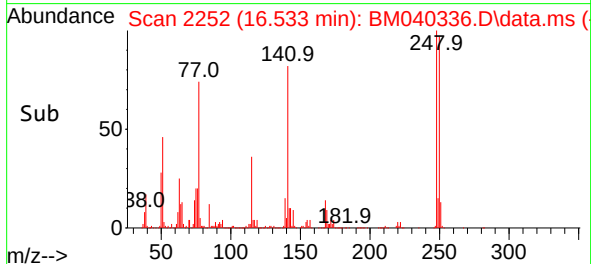
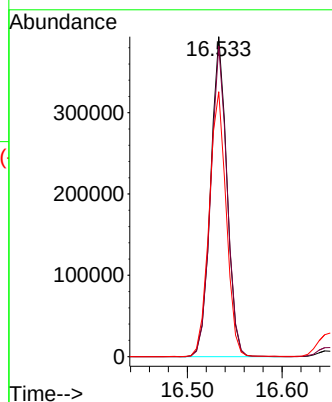


#67
4-Bromophenyl-phenylether
Concen: 47.523 ng
RT: 16.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Instrument :
BNA_M
ClientSampleId :

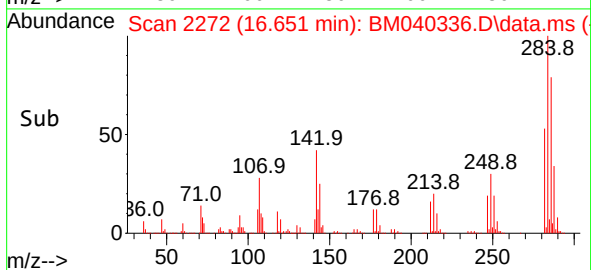
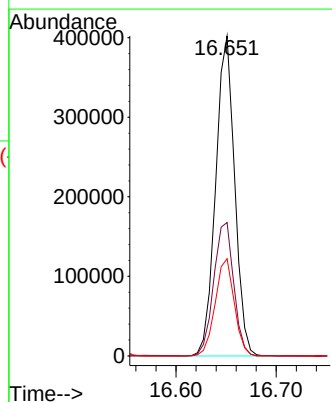
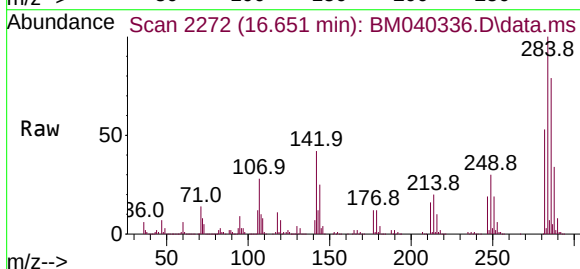


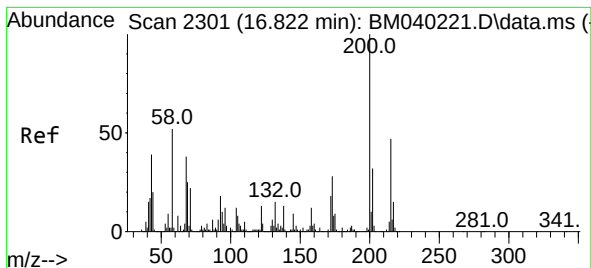
Tgt Ion:248 Resp: 470832
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 82.8 63.4 95.0



#68
Hexachlorobenzene
Concen: 48.410 ng
RT: 16.651 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:284 Resp: 529805
Ion Ratio Lower Upper
284 100
142 41.7 29.5 44.3
249 30.4 24.2 36.2





#69

Atrazine

Concen: 49.796 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

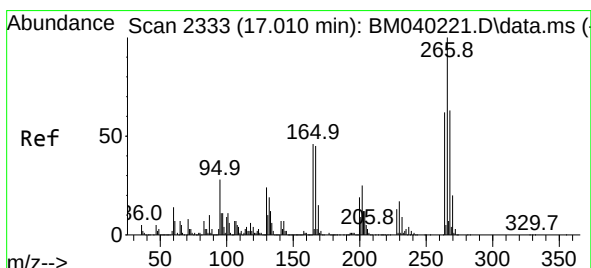
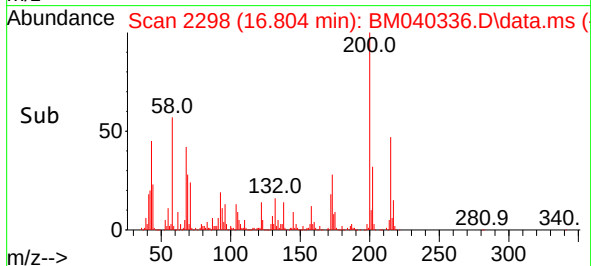
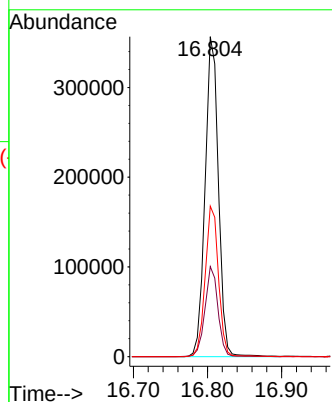
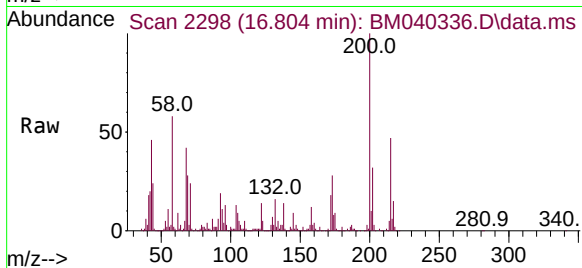
Tgt Ion:200 Resp: 445067

Ion Ratio Lower Upper

200 100

173 28.1 7.6 47.6

215 47.0 26.7 66.7



#70

Pentachlorophenol

Concen: 89.096 ng

RT: 16.992 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

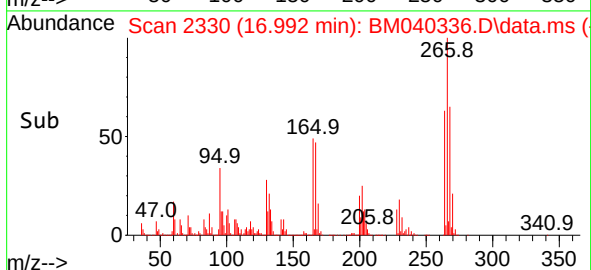
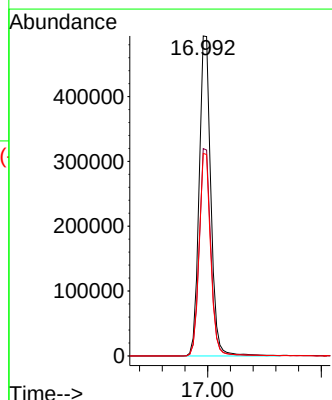
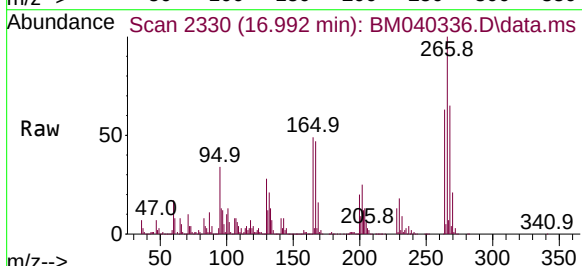
Tgt Ion:266 Resp: 699079

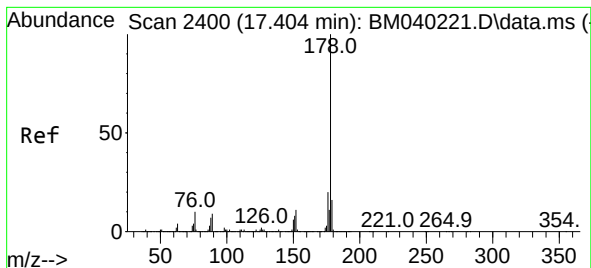
Ion Ratio Lower Upper

266 100

268 64.8 50.6 75.8

264 63.3 49.8 74.8





#71

Phenanthrene

Concen: 49.509 ng

RT: 17.386 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

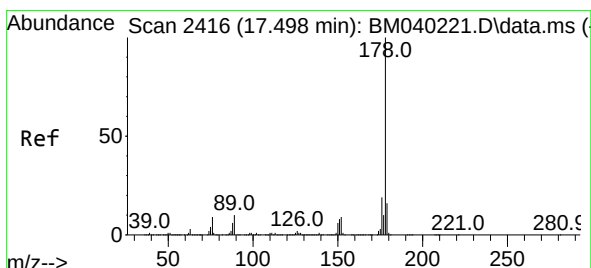
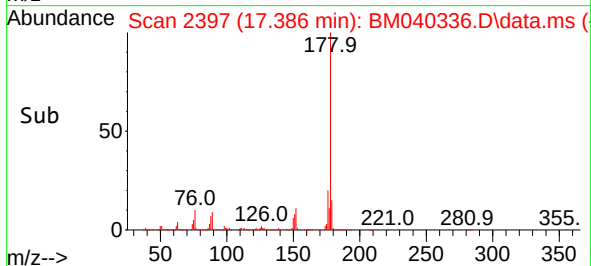
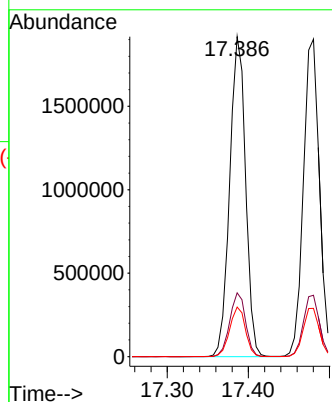
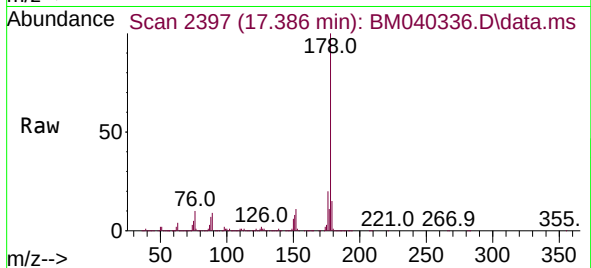
Tgt Ion:178 Resp: 2607237

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 15.5 12.6 18.8



#72

Anthracene

Concen: 49.220 ng

RT: 17.480 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

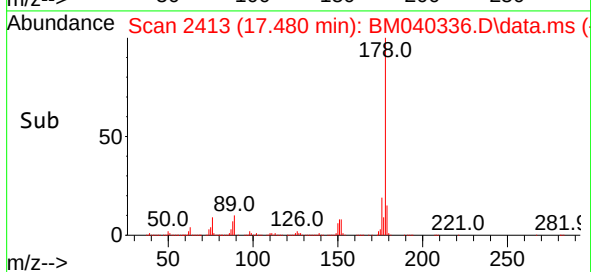
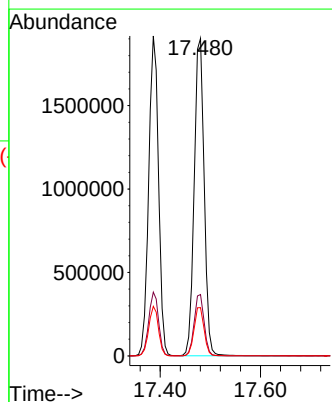
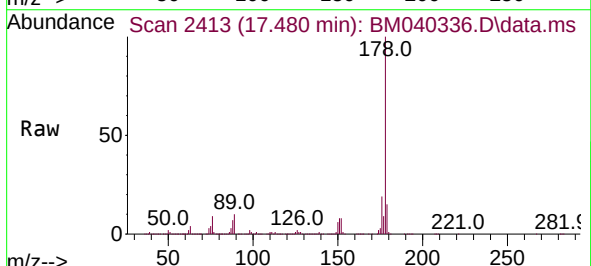
Tgt Ion:178 Resp: 2617439

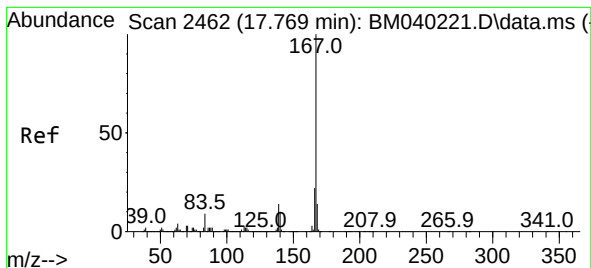
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.2 12.4 18.6





#73

Carbazole

Concen: 47.692 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

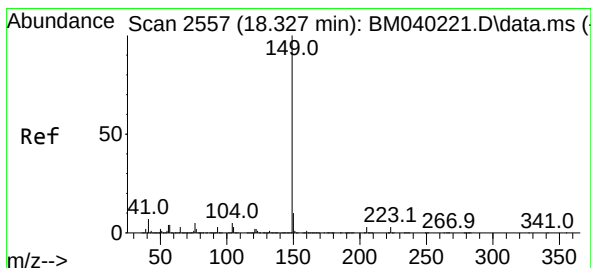
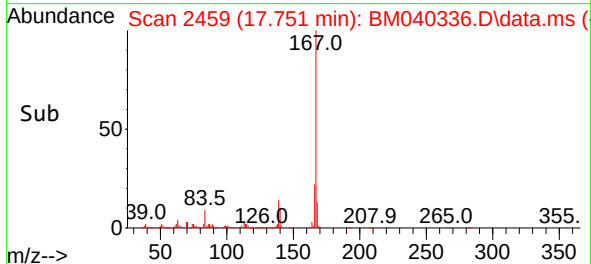
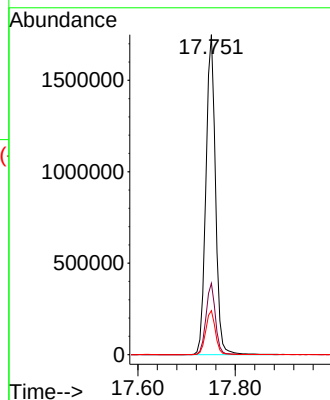
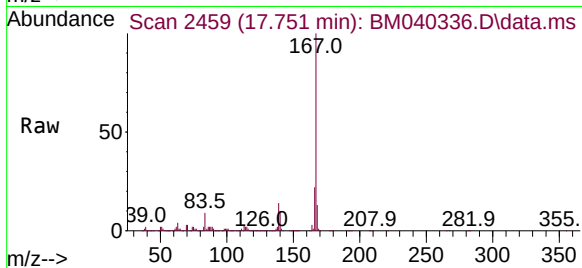
Tgt Ion:167 Resp: 2386191

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.8

139 13.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 41.660 ng

RT: 18.310 min Scan# 2554

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

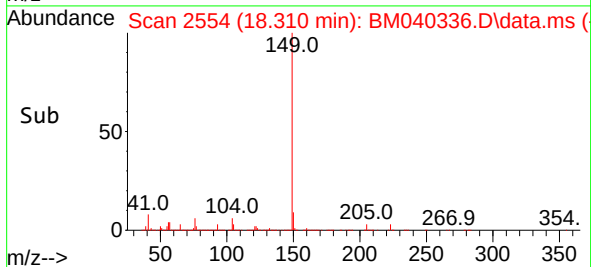
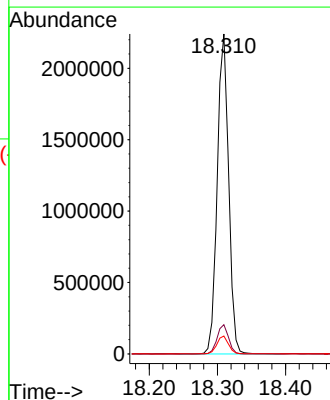
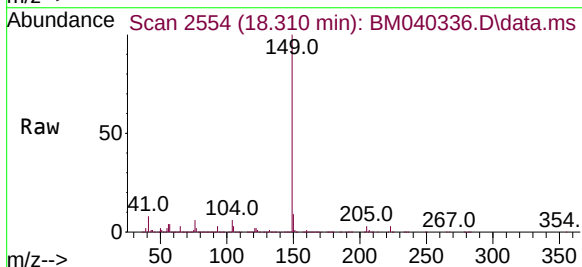
Tgt Ion:149 Resp: 2585266

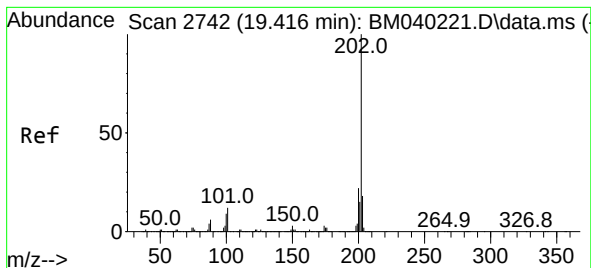
Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 41.253 ng

RT: 19.398 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

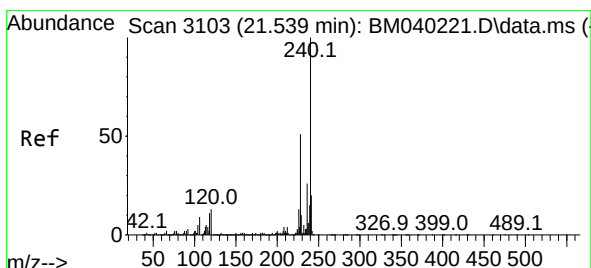
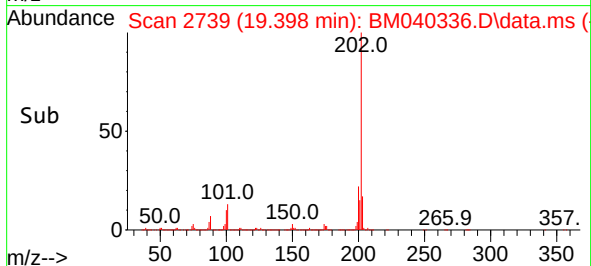
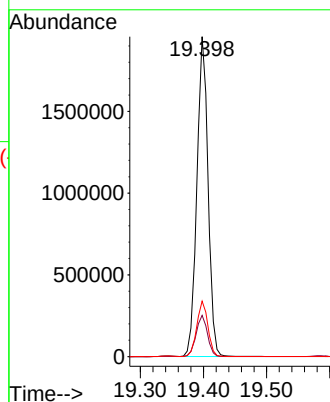
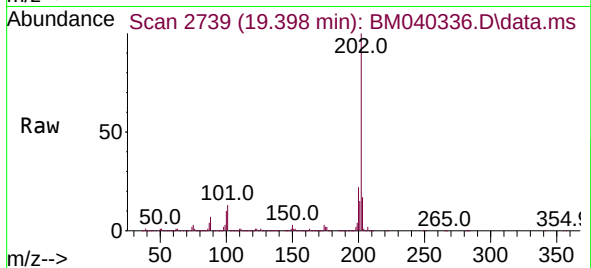
Tgt Ion:202 Resp: 2407847

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.5

203 17.3 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

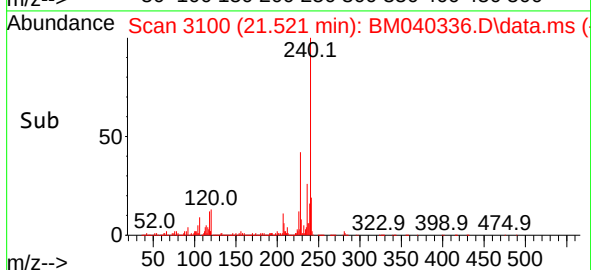
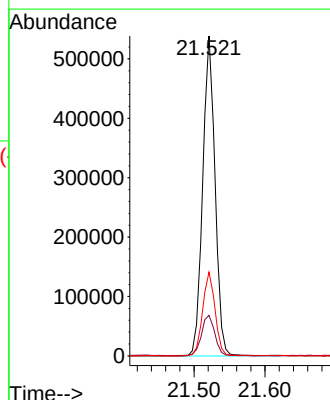
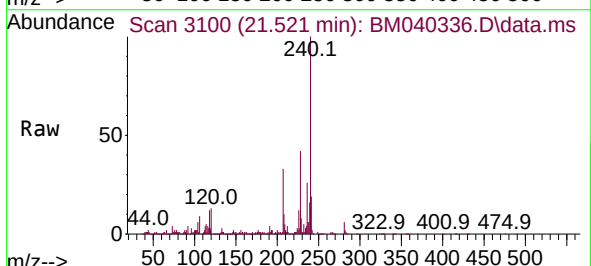
Tgt Ion:240 Resp: 645643

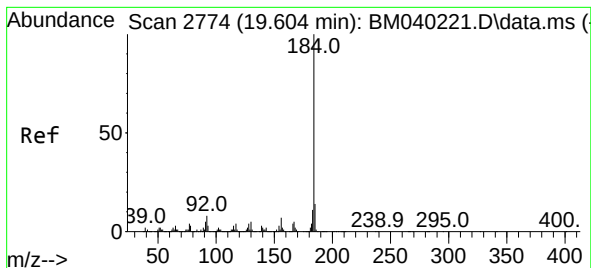
Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

236 26.2 21.0 31.4





#77

Benzidine

Concen: 63.053 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

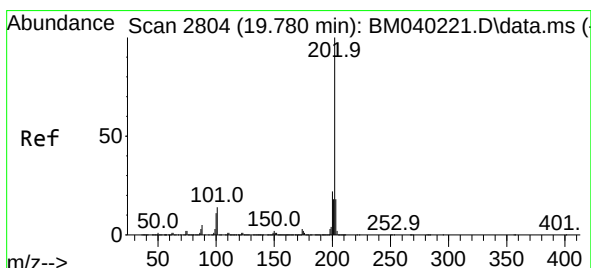
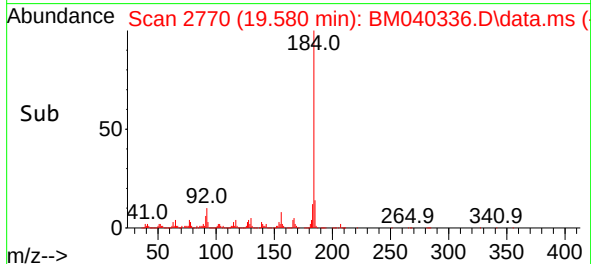
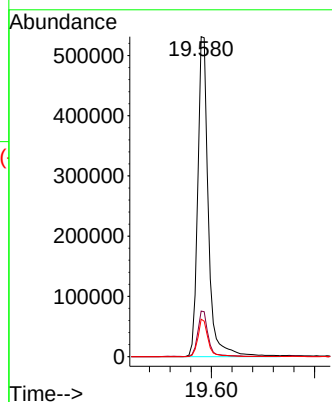
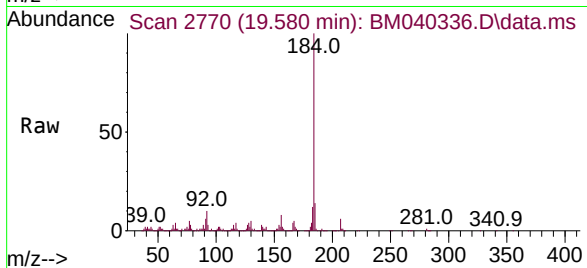
Tgt Ion:184 Resp: 756019

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 11.7 9.2 13.8



#78

Pyrene

Concen: 56.814 ng

RT: 19.762 min Scan# 2801

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

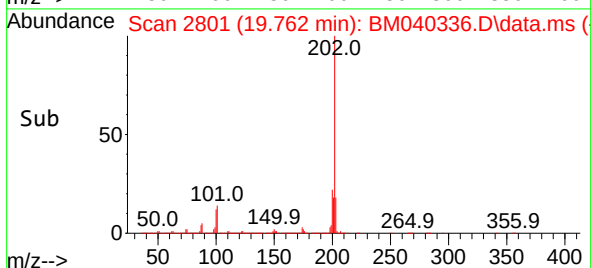
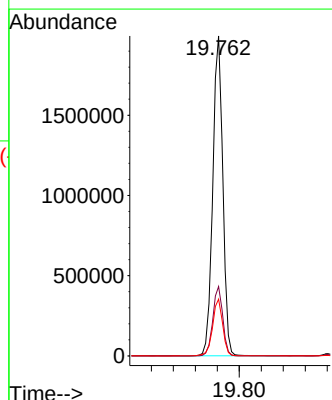
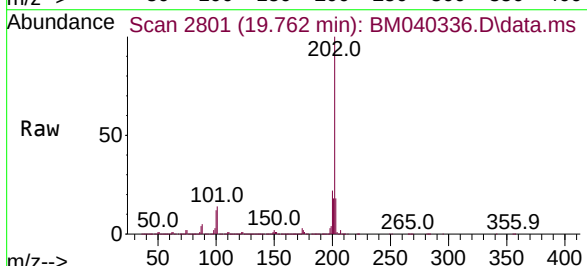
Tgt Ion:202 Resp: 2516182

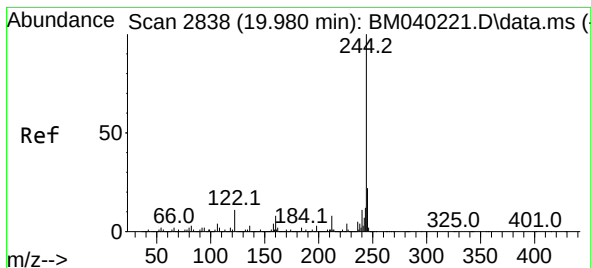
Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.8

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 128.089 ng

RT: 19.962 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

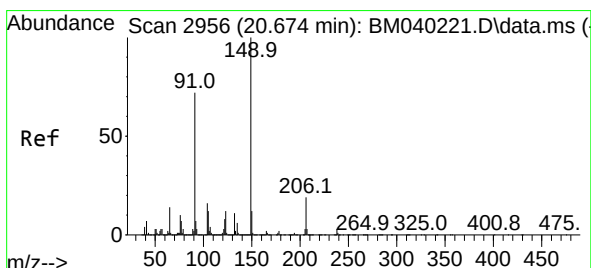
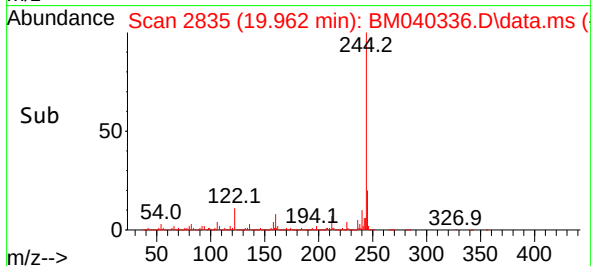
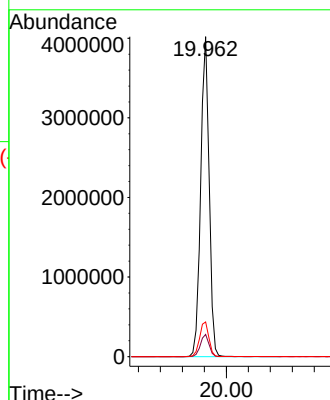
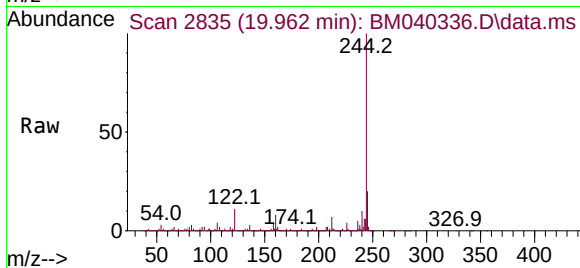
Tgt Ion:244 Resp: 4256113

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 10.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 46.660 ng

RT: 20.651 min Scan# 2952

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

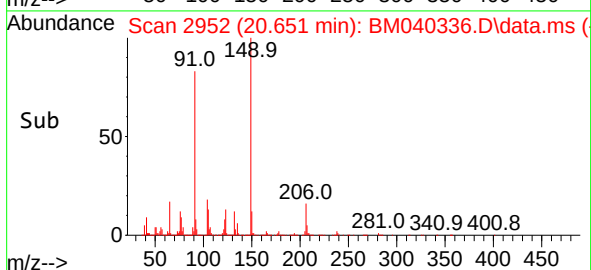
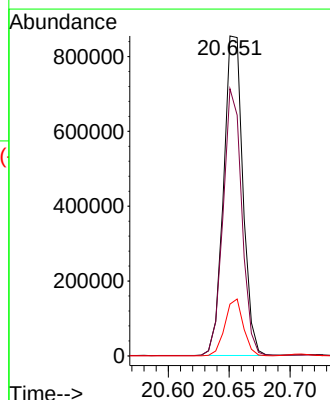
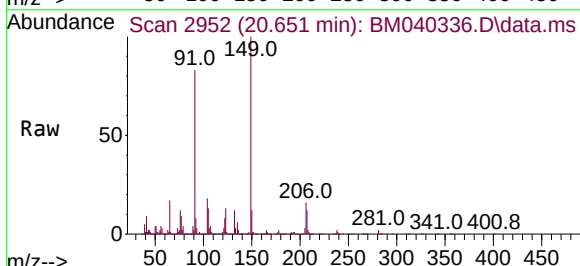
Tgt Ion:149 Resp: 946482

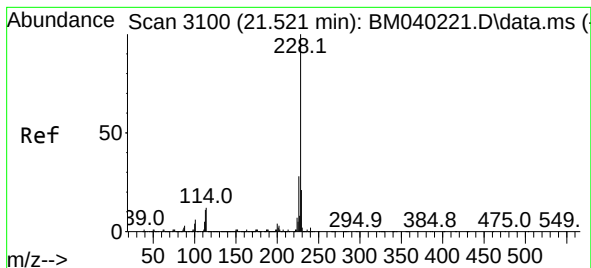
Ion Ratio Lower Upper

149 100

91 83.5 58.0 87.0

206 16.2 15.5 23.3





#81

Benzo(a)anthracene

Concen: 47.062 ng

RT: 21.503 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

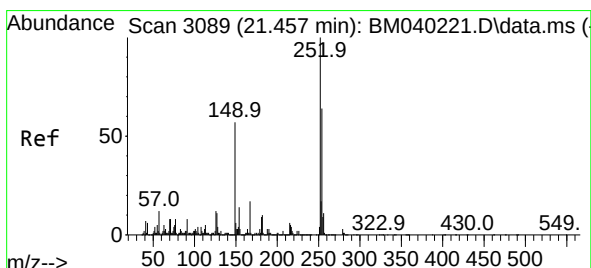
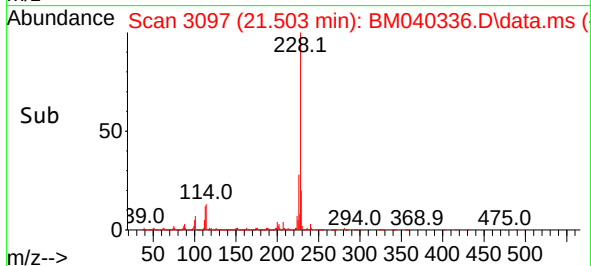
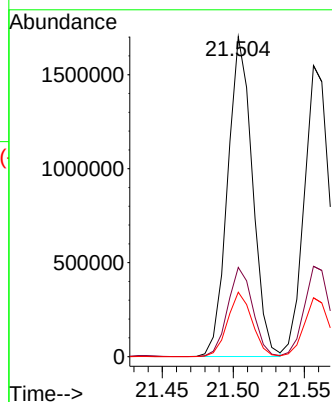
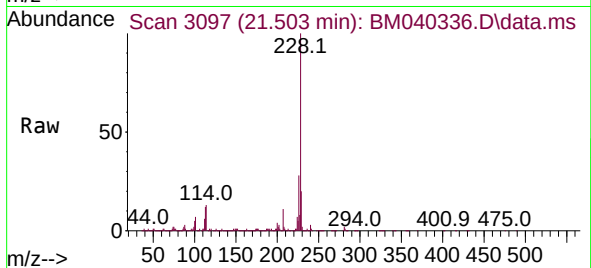
Tgt Ion:228 Resp: 2070111

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 20.1 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 29.378 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

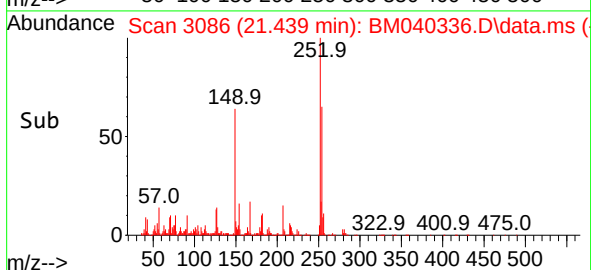
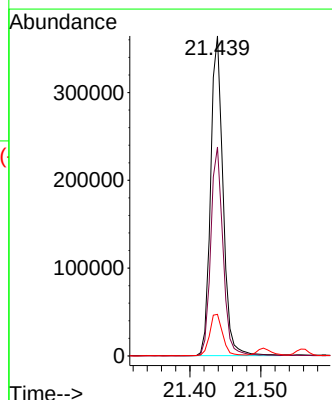
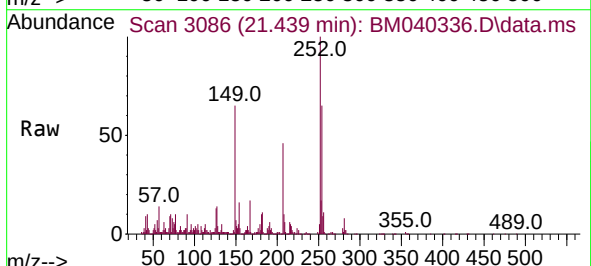
Tgt Ion:252 Resp: 442569

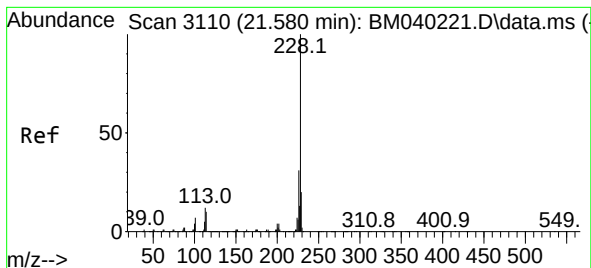
Ion Ratio Lower Upper

252 100

254 65.3 51.6 77.4

126 13.0 9.4 14.0





#83

Chrysene

Concen: 46.079 ng

RT: 21.556 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

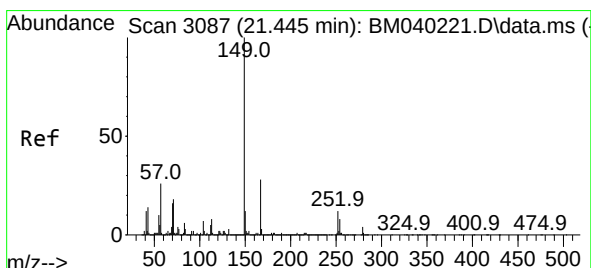
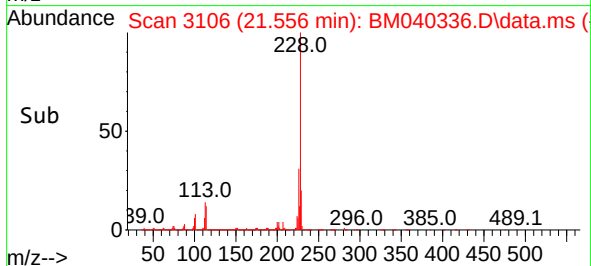
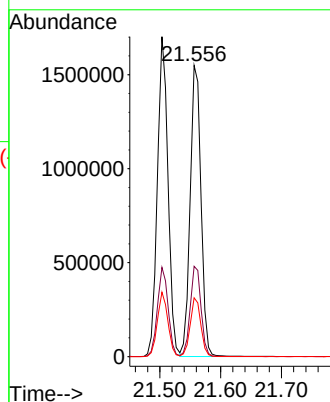
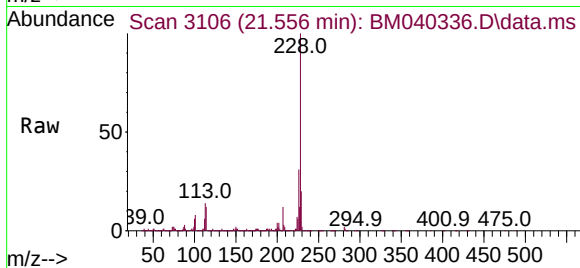
Tgt Ion:228 Resp: 1917981

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.551 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

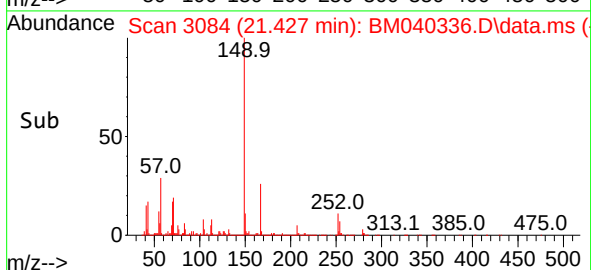
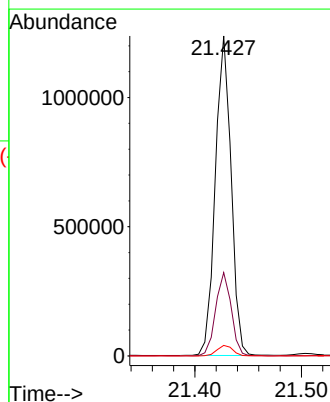
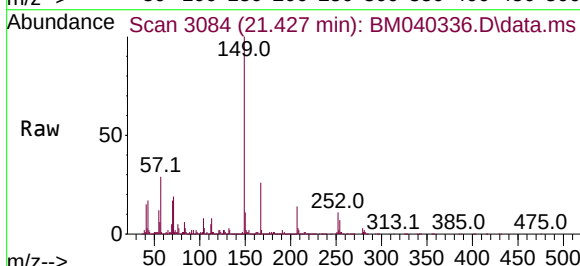
Tgt Ion:149 Resp: 1275531

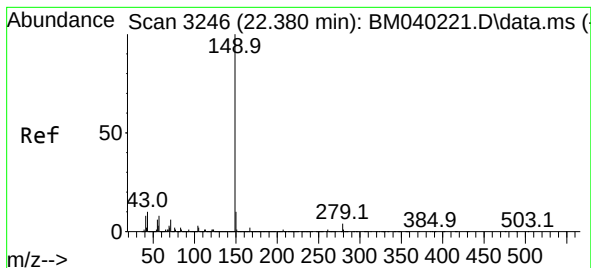
Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.4

279 3.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 39.612 ng

RT: 22.356 min Scan# 31

Delta R.T. -0.006 min

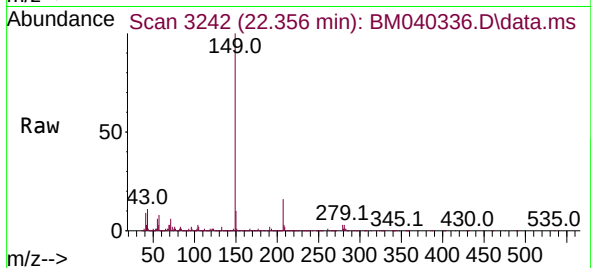
Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :



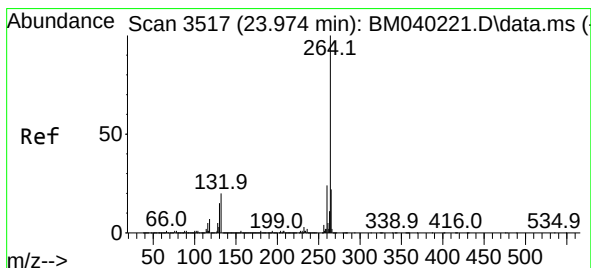
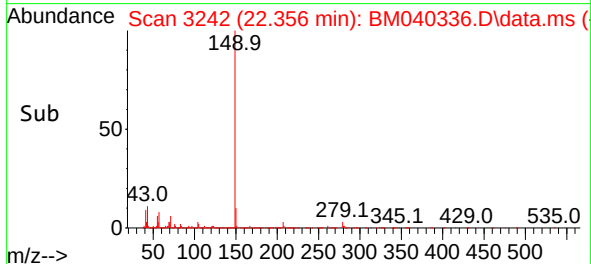
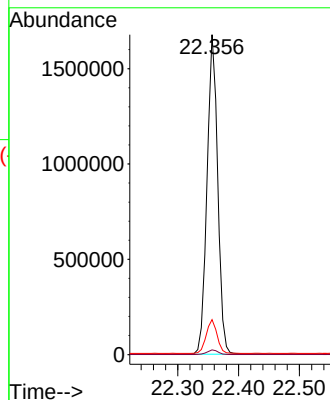
Tgt Ion:149 Resp: 2031127

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.939 min Scan# 3511

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

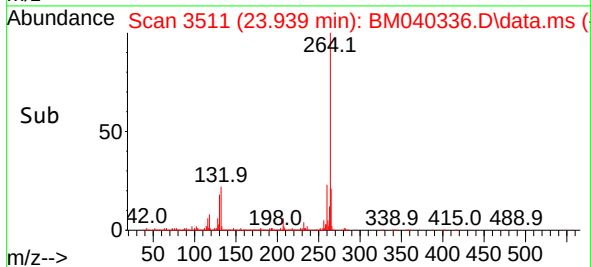
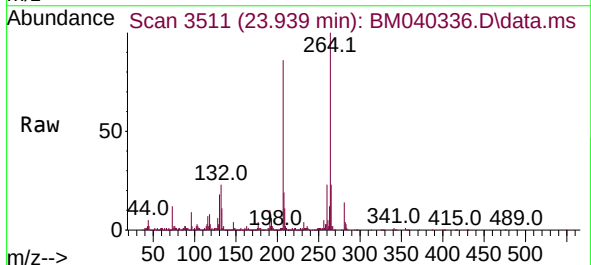
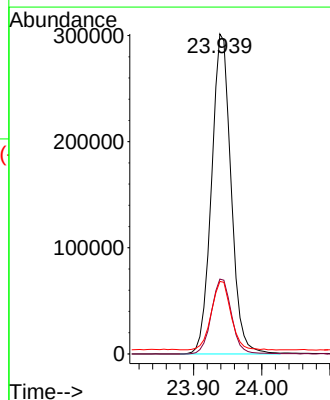
Tgt Ion:264 Resp: 596949

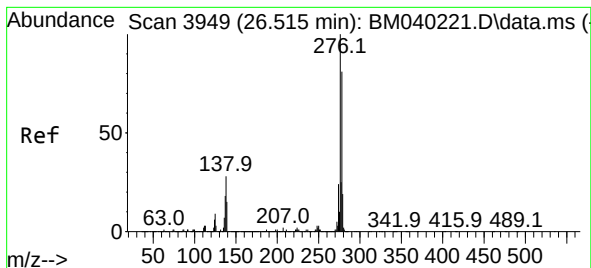
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.682 ng

RT: 26.462 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

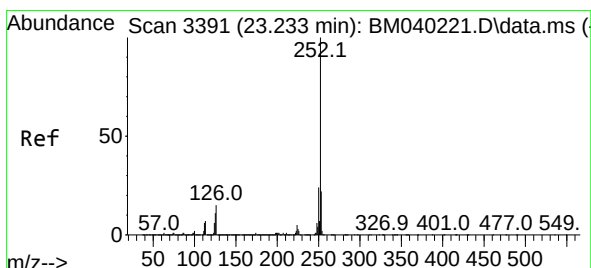
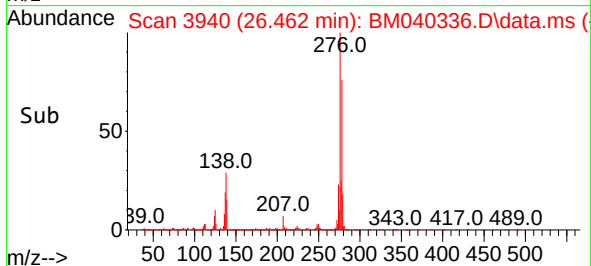
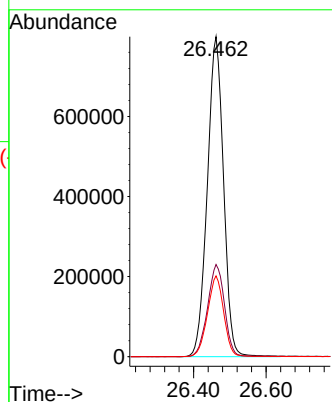
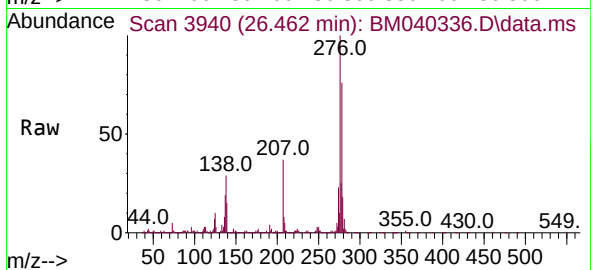
Tgt Ion:276 Resp: 2478576

Ion Ratio Lower Upper

276 100

138 30.1 22.7 34.1

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.638 ng

RT: 23.203 min Scan# 3386

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

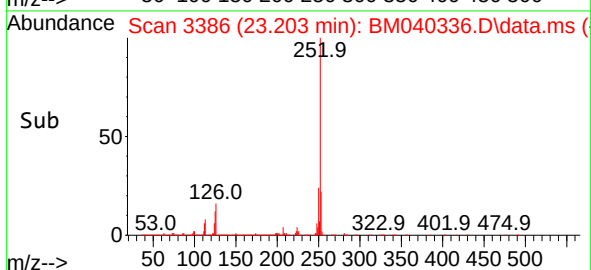
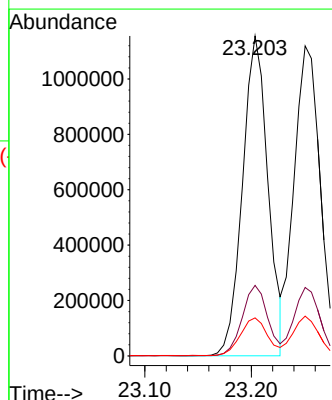
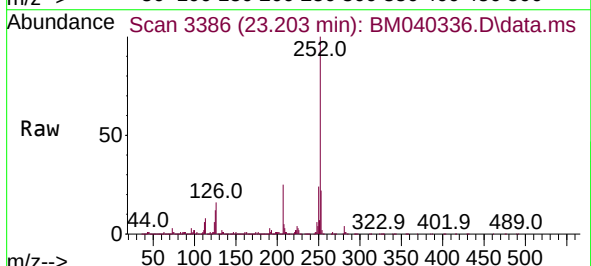
Tgt Ion:252 Resp: 1916560

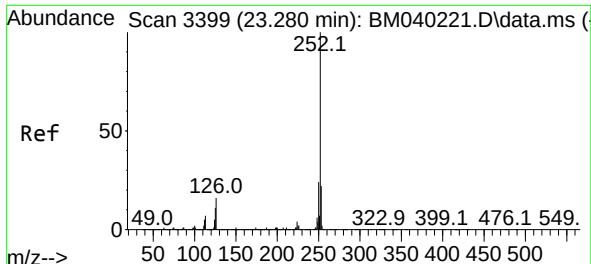
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 11.9 8.8 13.2

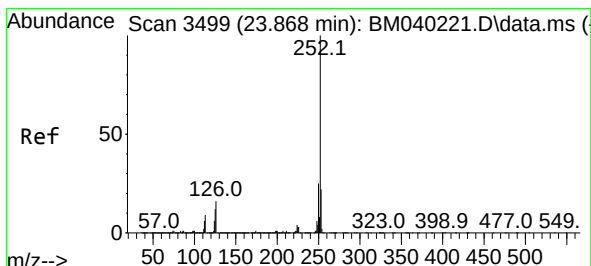
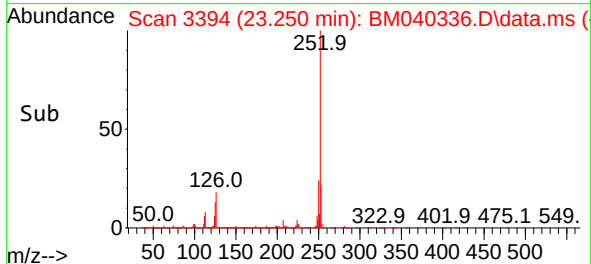
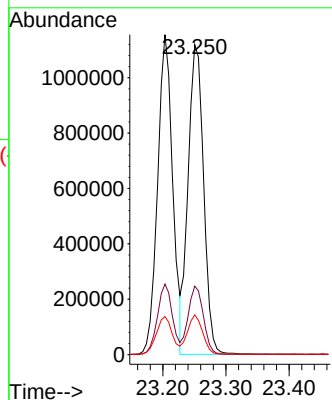
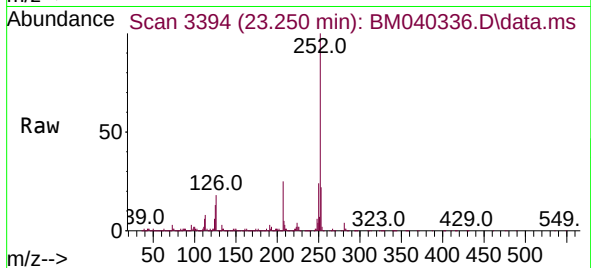




#89
Benzo(k)fluoranthene
Concen: 51.932 ng
RT: 23.250 min Scan# 341
Delta R.T. -0.006 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

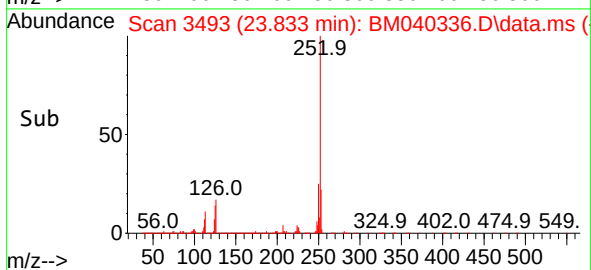
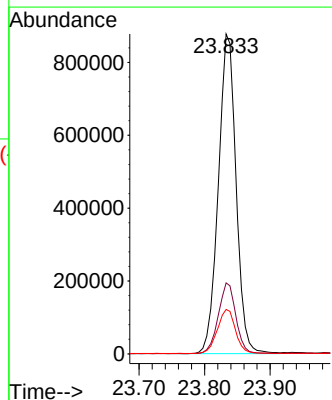
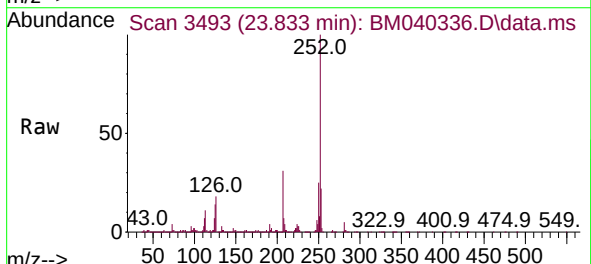
Instrument :
BNA_M
ClientSampleId :

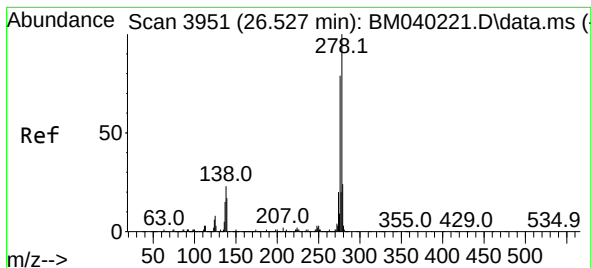
Tgt Ion:252 Resp: 1908335
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.8 9.1 13.7



#90
Benzo(a)pyrene
Concen: 48.771 ng
RT: 23.833 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM040336.D
Acq: 21 Jun 2023 15:42

Tgt Ion:252 Resp: 1653121
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 13.9 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 60.878 ng

RT: 26.474 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Instrument :

BNA_M

ClientSampleId :

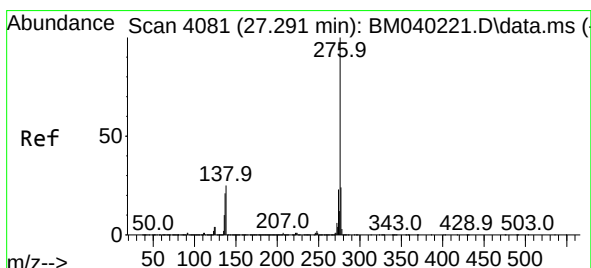
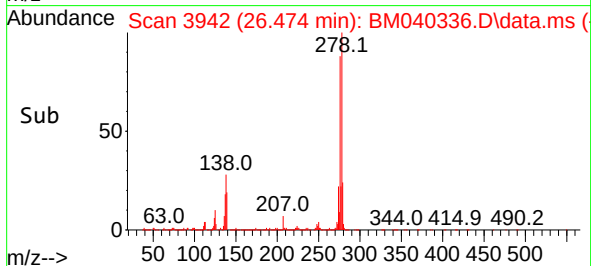
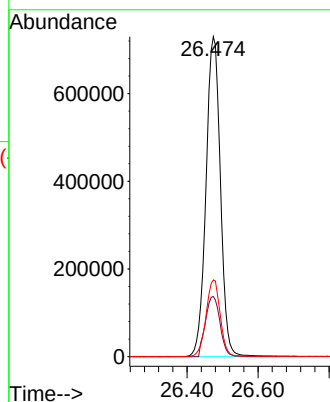
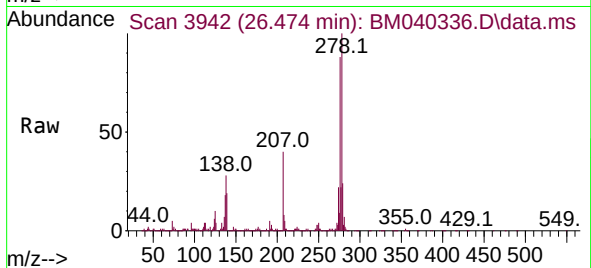
Tgt Ion:278 Resp: 2047148

Ion Ratio Lower Upper

278 100

139 18.8 13.8 20.6

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 65.553 ng

RT: 27.233 min Scan# 4071

Delta R.T. -0.006 min

Lab File: BM040336.D

Acq: 21 Jun 2023 15:42

Tgt Ion:276 Resp: 1972964

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 26.8 19.8 29.6

