

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040333.D
 Acq On : 21 Jun 2023 13:52
 Operator : MA/JU
 Sample : PB153189BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 22 04:34:10 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	241712	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	972565	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	466777	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	796769	20.000	ng	0.00
76) Chrysene-d12	21.521	240	593466	20.000	ng	0.00
86) Perylene-d12	23.944	264	584158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1741551	111.712	ng	0.00
7) Phenol-d6	7.128	99	2185771	102.838	ng	0.00
23) Nitrobenzene-d5	9.134	82	1936162	104.244	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	483709	74.285	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3578679	105.236	ng	0.00
79) Terphenyl-d14	19.962	244	3733804	122.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	272151	43.710	ng	97
3) Pyridine	3.787	79	748665	42.047	ng	99
4) n-Nitrosodimethylamine	3.693	42	440941	55.237	ng	95
6) Aniline	7.287	93	995490	38.160	ng	99
8) 2-Chlorophenol	7.522	128	896542	54.043	ng	98
9) Benzaldehyde	7.098	77	452245	38.306	ng	97
10) Phenol	7.157	94	1189658	57.212	ng	97
11) bis(2-Chloroethyl)ether	7.387	93	848775	49.223	ng	99
12) 1,3-Dichlorobenzene	7.851	146	880185	51.390	ng	98
13) 1,4-Dichlorobenzene	7.998	146	903443	52.100	ng	99
14) 1,2-Dichlorobenzene	8.316	146	865573	51.051	ng	99
15) Benzyl Alcohol	8.210	79	796580	52.257	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1155698	48.558	ng	99
17) 2-Methylphenol	8.410	107	747958	49.037	ng	98
18) Hexachloroethane	9.045	117	338180	52.863	ng	97
19) n-Nitroso-di-n-propyla...	8.775	70	653855	45.799	ng	97
20) 3+4-Methylphenols	8.740	107	1016620	48.725	ng	98
22) Acetophenone	8.792	105	1308351	51.681	ng	99
24) Nitrobenzene	9.175	77	992977	52.090	ng	97
25) Isophorone	9.704	82	1688001	46.775	ng	99
26) 2-Nitrophenol	9.886	139	432986	53.149	ng	94
27) 2,4-Dimethylphenol	9.951	122	792274	52.300	ng	99
28) bis(2-Chloroethoxy)met...	10.186	93	1049617	46.273	ng	100
29) 2,4-Dichlorophenol	10.422	162	717293	49.980	ng	98
30) 1,2,4-Trichlorobenzene	10.639	180	707636	48.385	ng	99
31) Naphthalene	10.828	128	2556092	48.919	ng	100
32) Benzoic acid	10.092	122	534601	45.098	ng	98
33) 4-Chloroaniline	10.939	127	255668	10.939	ng	97
34) Hexachlorobutadiene	11.110	225	373583	45.438	ng	99
35) Caprolactam	11.733	113	222827	44.554	ng	92
36) 4-Chloro-3-methylphenol	12.063	107	792520	47.607	ng	97
37) 2-Methylnaphthalene	12.433	142	1617637	43.667	ng	98
38) 1-Methylnaphthalene	12.651	142	1512055	43.216	ng	99
40) 1,2,4,5-Tetrachloroben...	12.798	216	706388	54.424	ng	98
41) Hexachlorocyclopentadiene	12.775	237	925504	129.624	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	477621	53.065	ng	100

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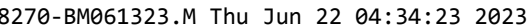
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 ClientSampleId :

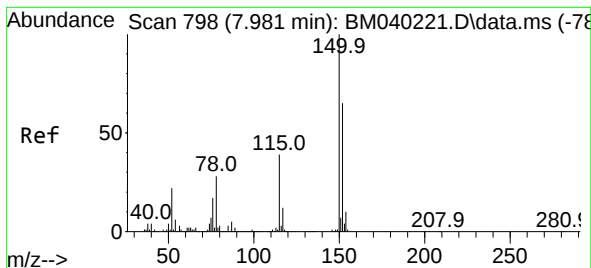
Quant Time: Jun 22 04:34:10 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	514546	47.989	ng	95
46) 1,1'-Biphenyl	13.439	154	1990833	54.035	ng	100
47) 2-Chloronaphthalene	13.480	162	1485578	54.448	ng	99
48) 2-Nitroaniline	13.686	65	506659	56.330	ng	93
49) Acenaphthylene	14.327	152	2342635	51.473	ng	99
50) Dimethylphthalate	14.063	163	1653338	44.512	ng	99
51) 2,6-Dinitrotoluene	14.180	165	351568	46.519	ng	90
52) Acenaphthene	14.669	154	1404570	50.585	ng	100
53) 3-Nitroaniline	14.510	138	240456	26.781	ng	95
54) 2,4-Dinitrophenol	14.716	184	429923	88.415	ng	95
55) Dibenzofuran	14.998	168	2112535	48.096	ng	99
56) 4-Nitrophenol	14.821	139	718524	102.383	ng	92
57) 2,4-Dinitrotoluene	14.969	165	461186	45.282	ng	93
58) Fluorene	15.645	166	1729114	48.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	399364	45.791	ng	96
60) Diethylphthalate	15.421	149	1605022	42.054	ng	98
61) 4-Chlorophenyl-phenylether	15.639	204	784549	44.606	ng	95
62) 4-Nitroaniline	15.674	138	407581	44.177	ng	96
63) Azobenzene	15.933	77	1839986	48.008	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	248902	52.104	ng	87
66) n-Nitrosodiphenylamine	15.857	169	1382305	54.977	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	403645	48.392	ng	96
68) Hexachlorobenzene	16.651	284	458440	49.755	ng	95
69) Atrazine	16.804	200	402185	53.448	ng	99
70) Pentachlorophenol	16.998	266	608965	92.185	ng	99
71) Phenanthrene	17.386	178	2322668	52.387	ng	100
72) Anthracene	17.480	178	2310782	51.614	ng	100
73) Carbazole	17.751	167	2168970	51.491	ng	99
74) Di-n-butylphthalate	18.309	149	2310794	44.229	ng	99
75) Fluoranthene	19.398	202	2205527	44.882	ng	99
77) Benzidine	19.586	184	747734	67.845	ng	100
78) Pyrene	19.762	202	2320590	57.004	ng	99
80) Butylbenzylphthalate	20.656	149	909639	48.787	ng	93
81) Benzo(a)anthracene	21.509	228	2009122	49.691	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	398514	28.780	ng	# 98
83) Chrysene	21.562	228	1851819	48.401	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1235031	43.769	ng	# 96
85) Di-n-octyl phthalate	22.362	149	2032963	43.133	ng	97
87) Indeno(1,2,3-cd)pyrene	26.468	276	2436199	62.960	ng	98
88) Benzo(b)fluoranthene	23.209	252	1954778	55.906	ng	99
89) Benzo(k)fluoranthene	23.256	252	1892123	52.618	ng	99
90) Benzo(a)pyrene	23.839	252	1659678	50.037	ng	98
91) Dibenzo(a,h)anthracene	26.480	278	2034106	61.814	ng	98
92) Benzo(g,h,i)perylene	27.238	276	1944761	66.031	ng	97

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

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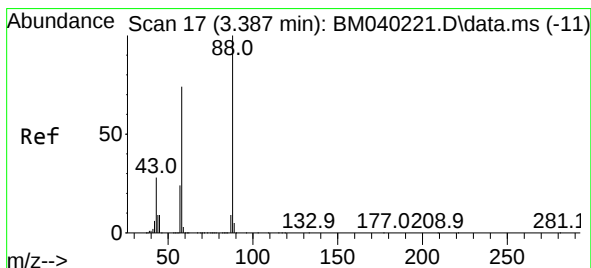
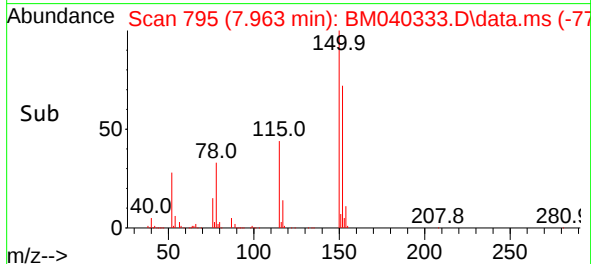
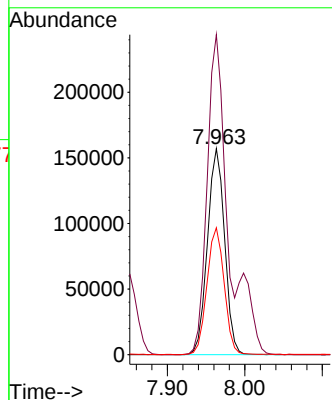
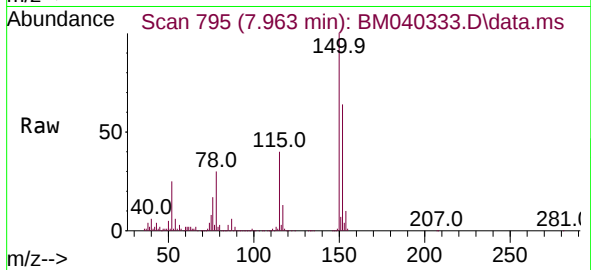




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.963 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM040333.D
 Acq: 21 Jun 2023 13:52

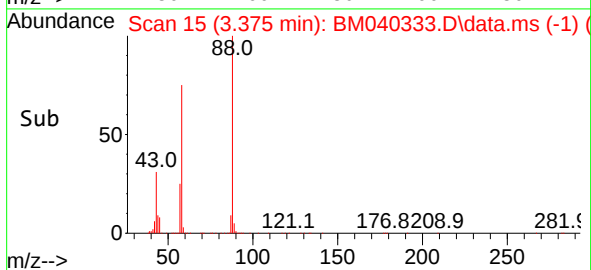
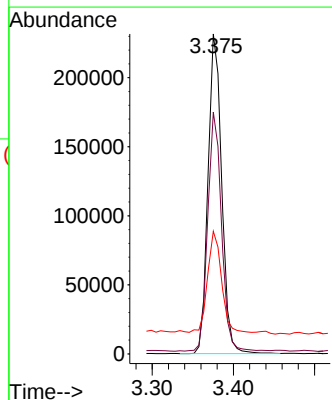
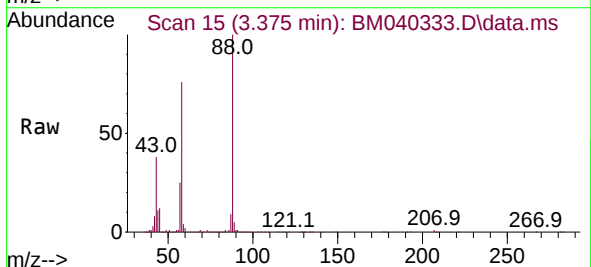
Instrument :
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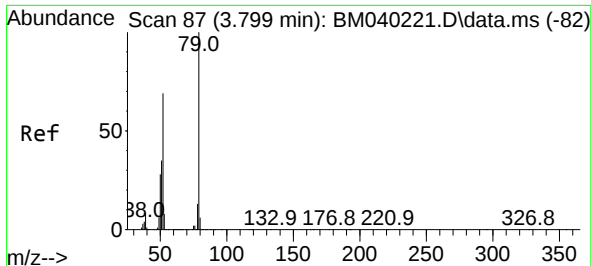
Tgt Ion:152 Resp: 241712
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.5 183.7
 115 61.6 47.9 71.9



#2
 1,4-Dioxane
 Concen: 43.710 ng
 RT: 3.375 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: BM040333.D
 Acq: 21 Jun 2023 13:52

Tgt Ion: 88 Resp: 272151
 Ion Ratio Lower Upper
 88 100
 58 75.2 59.0 88.6
 43 31.8 23.2 34.8

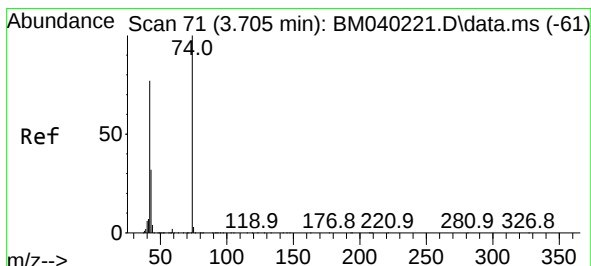
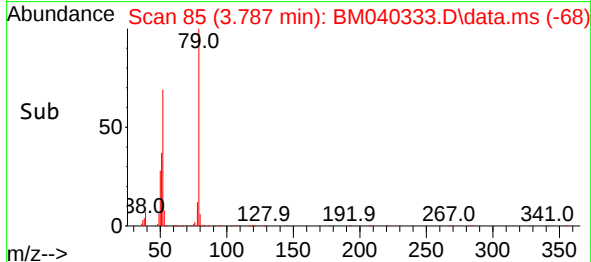
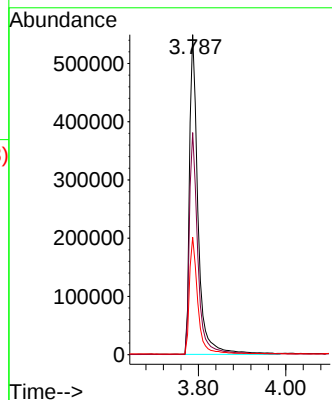
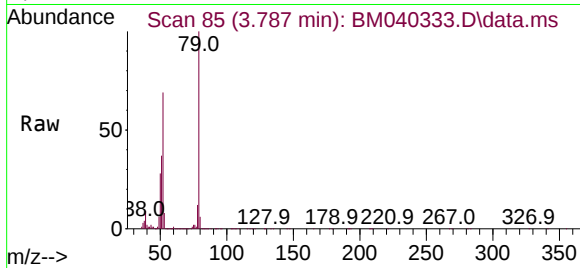




#3
 Pyridine
 Concen: 42.047 ng
 RT: 3.787 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM040333.D
 Acq: 21 Jun 2023 13:52

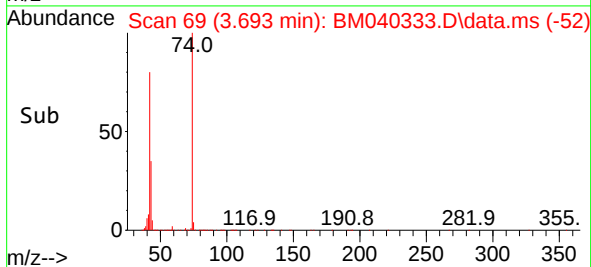
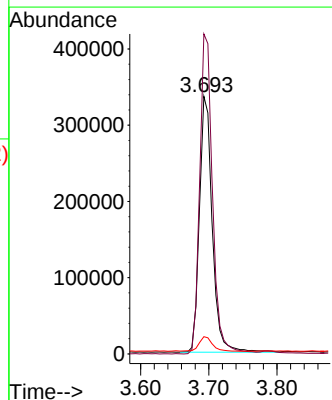
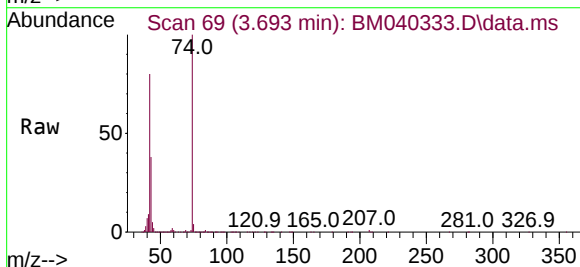
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 ClientSampleId :

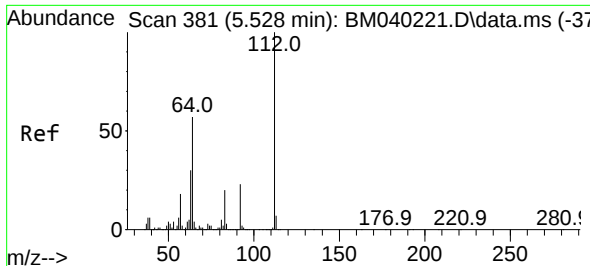
Tgt Ion: 79 Resp: 748665
 Ion Ratio Lower Upper
 79 100
 52 69.4 55.1 82.7
 51 36.7 27.9 41.9



#4
 n-Nitrosodimethylamine
 Concen: 55.237 ng
 RT: 3.693 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: BM040333.D
 Acq: 21 Jun 2023 13:52

Tgt Ion: 42 Resp: 440941
 Ion Ratio Lower Upper
 42 100
 74 124.3 104.3 156.5
 44 6.7 5.0 7.4

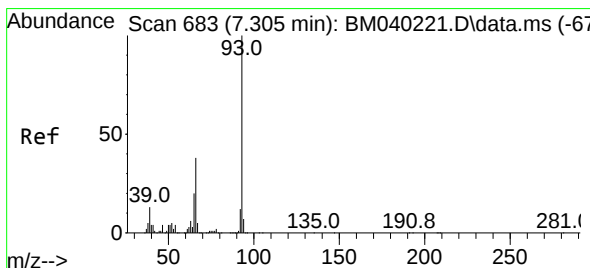
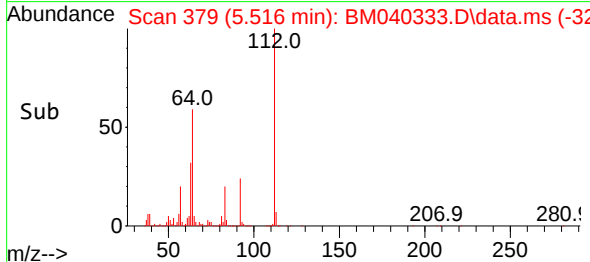
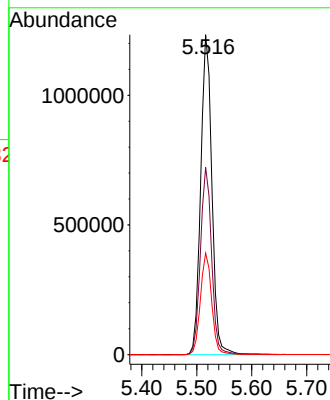
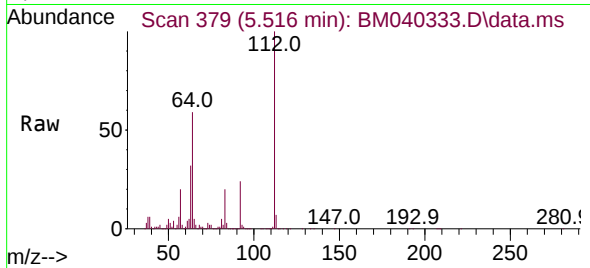




#5
2-Fluorophenol
Concen: 111.712 ng
RT: 5.516 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

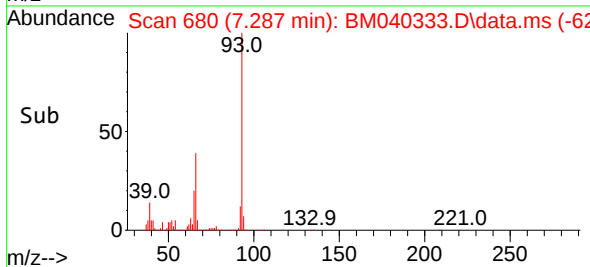
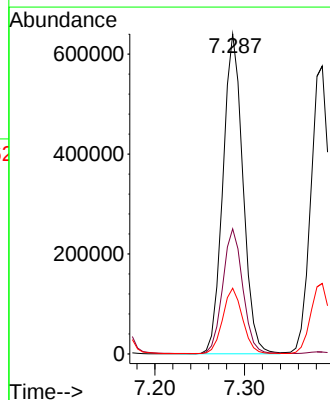
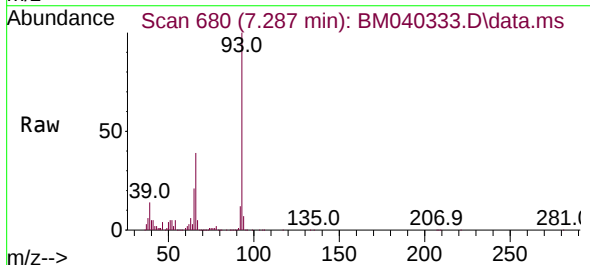
Instrument :
BNA_M
ClientSampleId :

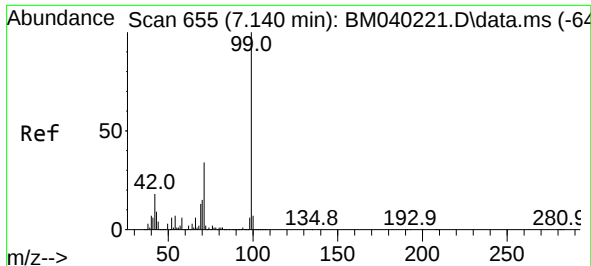
Tgt Ion:112 Resp: 1741551
Ion Ratio Lower Upper
112 100
64 58.5 45.2 67.8
63 31.7 24.2 36.4



#6
Aniline
Concen: 38.160 ng
RT: 7.287 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 93 Resp: 995490
Ion Ratio Lower Upper
93 100
66 39.1 30.8 46.2
65 20.5 16.1 24.1

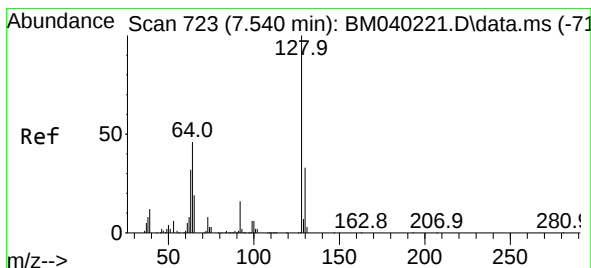
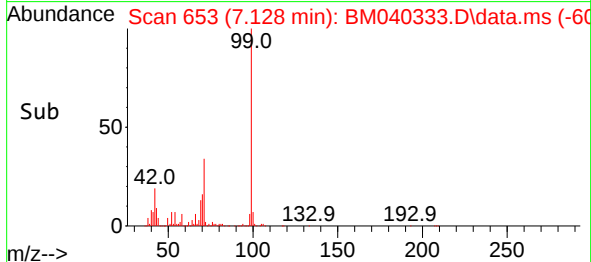
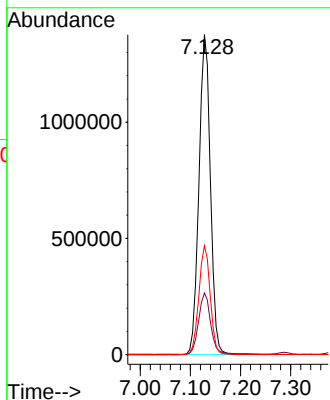
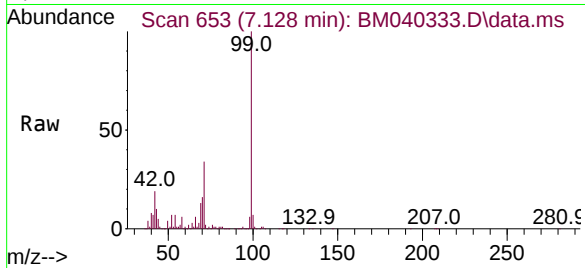




#7
Phenol-d6
Concen: 102.838 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

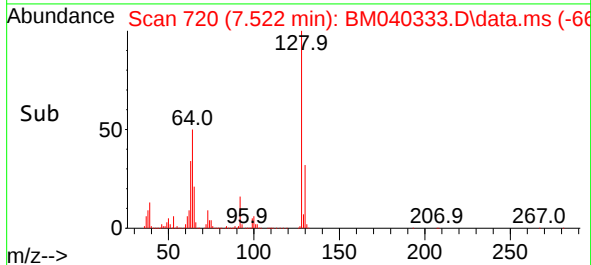
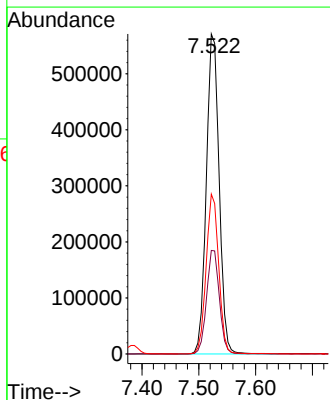
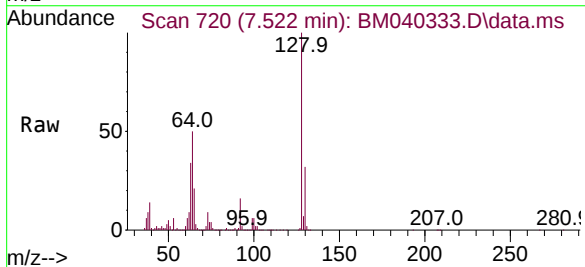
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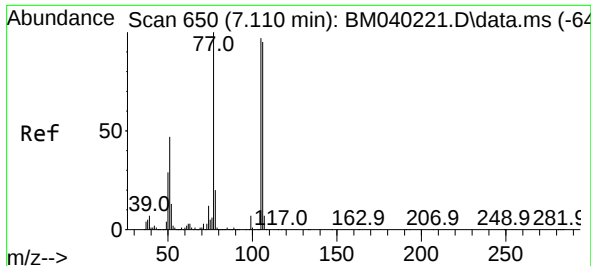
Tgt Ion: 99 Resp: 2185771
Ion Ratio Lower Upper
99 100
42 19.3 14.5 21.7
71 34.0 26.9 40.3



#8
2-Chlorophenol
Concen: 54.043 ng
RT: 7.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 128 Resp: 896542
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 49.9 27.4 67.4

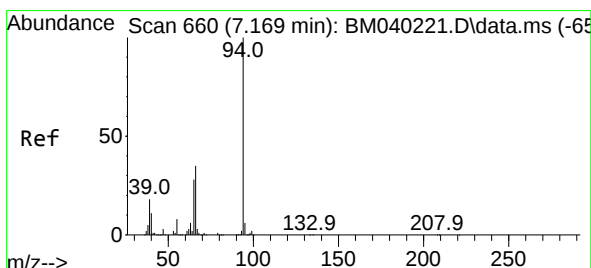
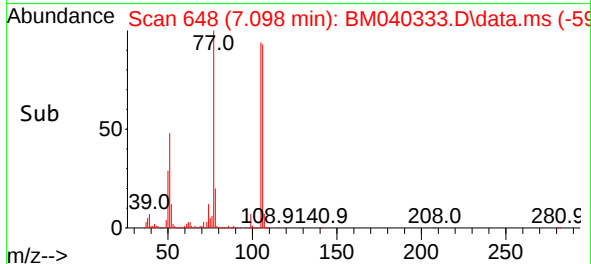
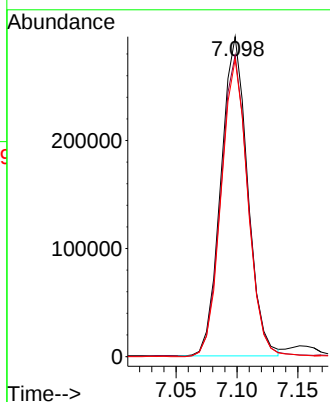
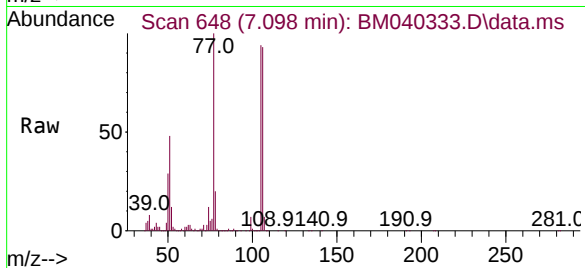




#9
Benzaldehyde
Concen: 38.306 ng
RT: 7.098 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

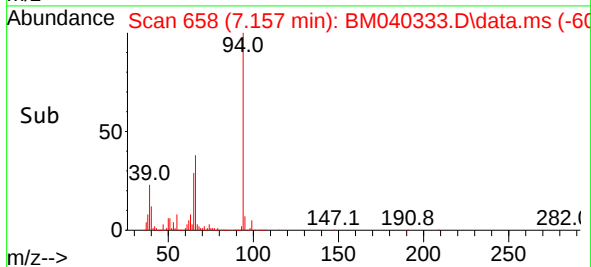
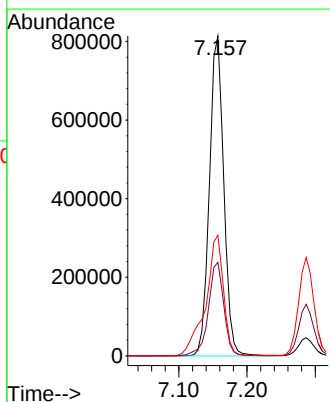
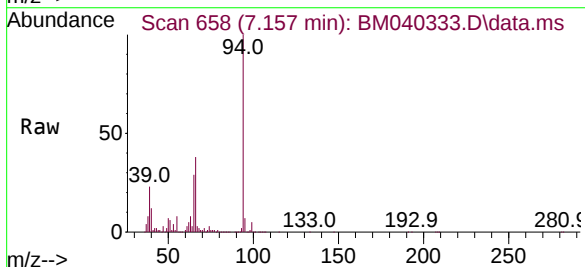
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ClientSampleId :

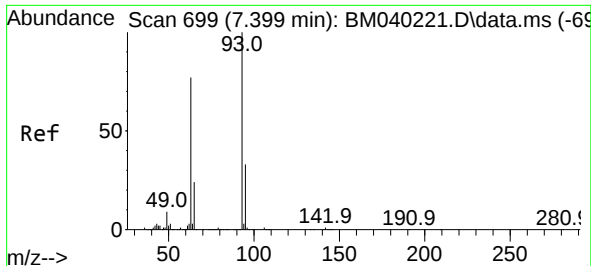
Tgt Ion: 77 Resp: 452245
Ion Ratio Lower Upper
77 100
105 94.2 77.3 117.3
106 92.9 75.2 115.2



#10
Phenol
Concen: 57.212 ng
RT: 7.157 min Scan# 658
Delta R.T. 0.006 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 94 Resp: 1189658
Ion Ratio Lower Upper
94 100
65 29.2 8.2 48.2
66 37.7 15.6 55.6

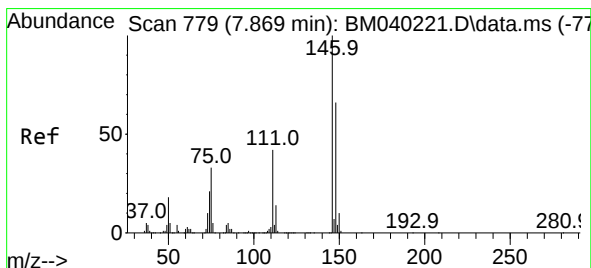
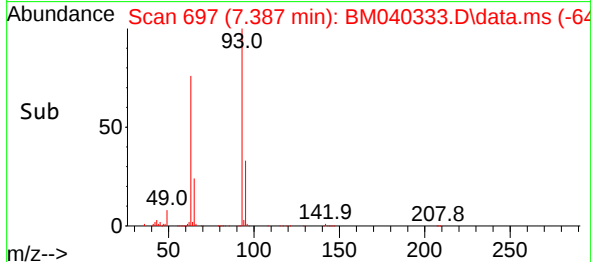
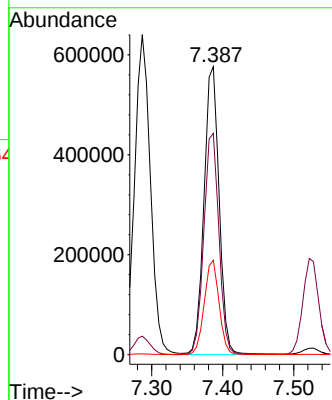
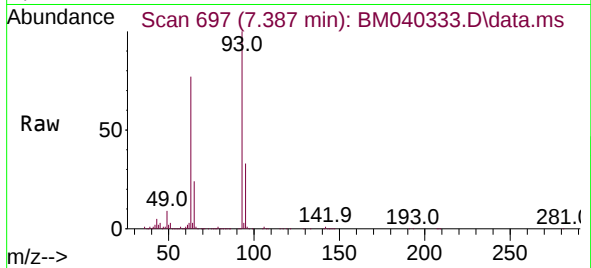




#11
bis(2-Chloroethyl)ether
Concen: 49.223 ng
RT: 7.387 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

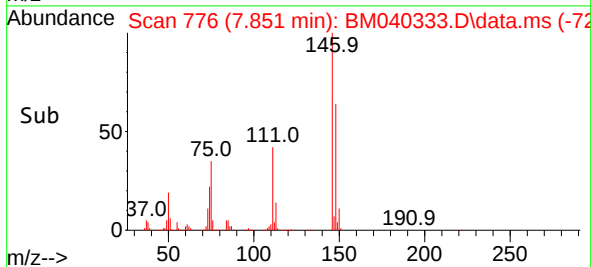
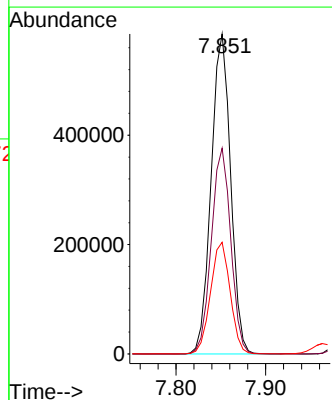
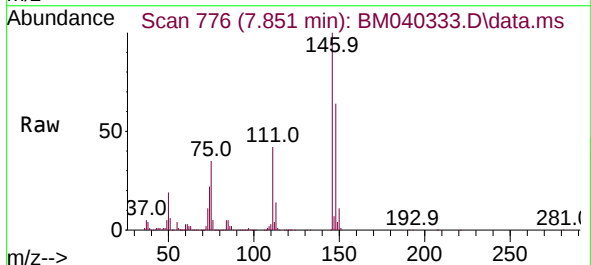
Instrument :
BNA_M
ClientSampleId :

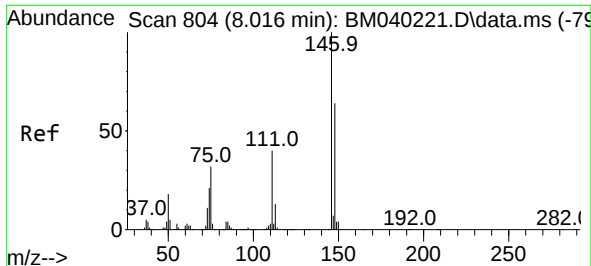
Tgt Ion: 93 Resp: 848775
Ion Ratio Lower Upper
93 100
63 76.9 56.3 96.3
95 32.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 51.390 ng
RT: 7.851 min Scan# 776
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 146 Resp: 880185
Ion Ratio Lower Upper
146 100
148 64.3 52.6 79.0
75 34.9 26.6 40.0

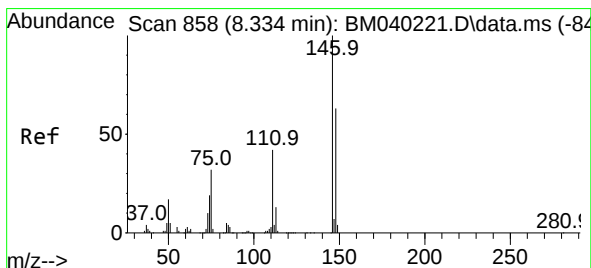
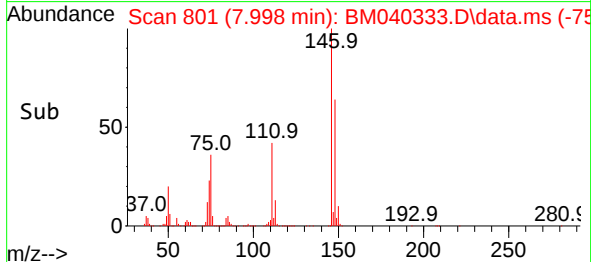
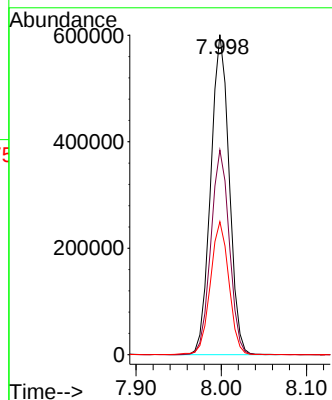
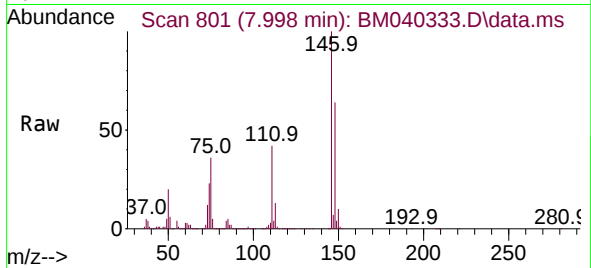




#13
1,4-Dichlorobenzene
Concen: 52.100 ng
RT: 7.998 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

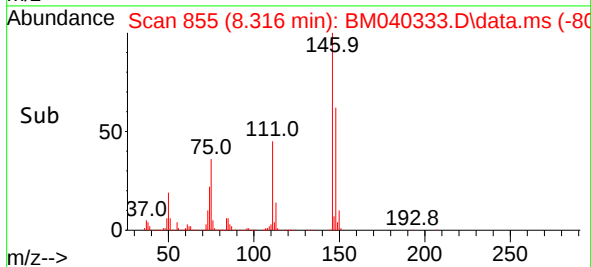
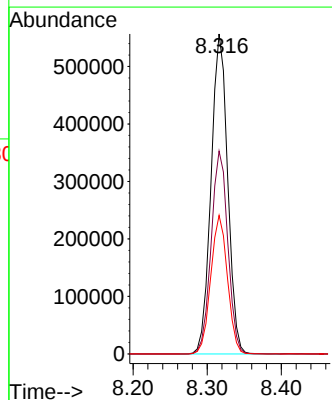
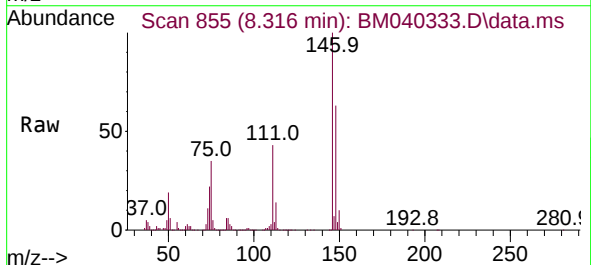
Instrument :
BNA_M
ClientSampleId :

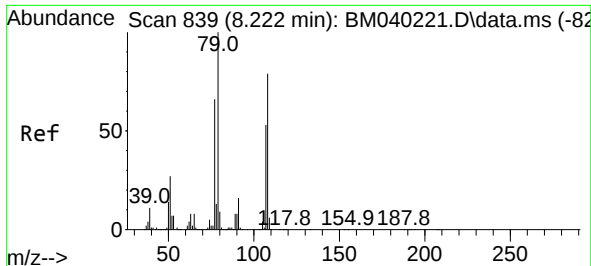
Tgt Ion:146 Resp: 903443
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 41.6 31.6 47.4



#14
1,2-Dichlorobenzene
Concen: 51.051 ng
RT: 8.316 min Scan# 855
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:146 Resp: 865573
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 43.3 33.8 50.6

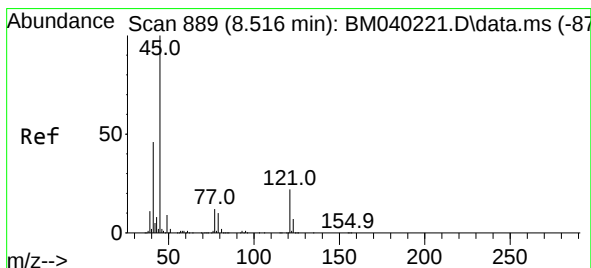
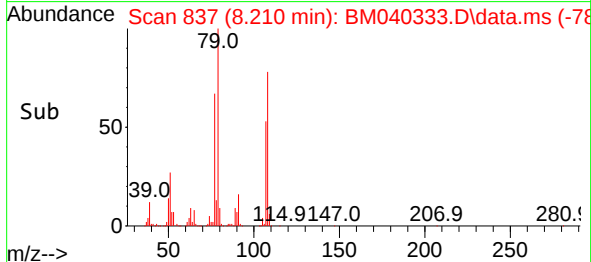
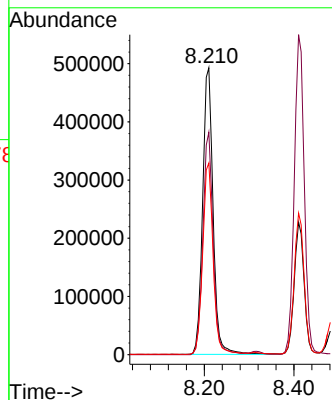
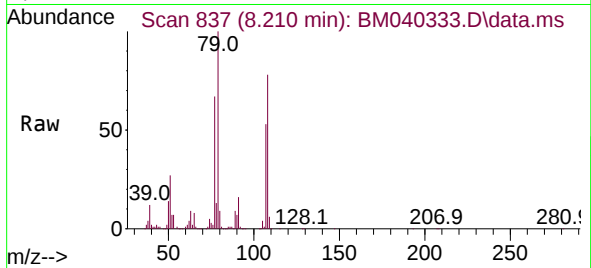




#15
Benzyl Alcohol
Concen: 52.257 ng
RT: 8.210 min Scan# 839
Delta R.T. 0.006 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

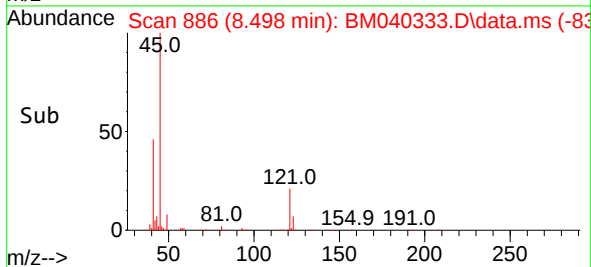
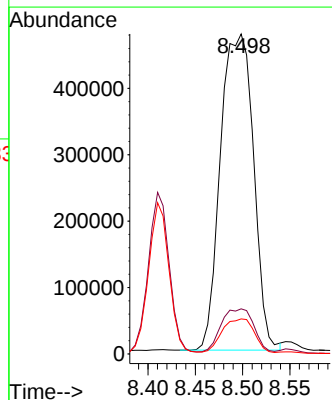
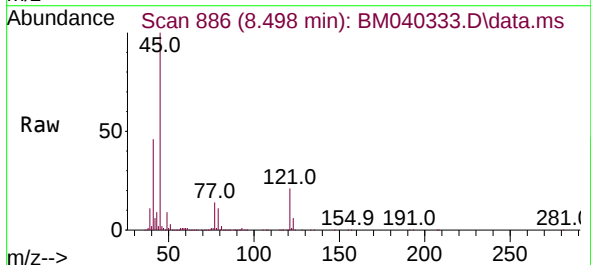
Instrument :
BNA_M
ClientSampleId :

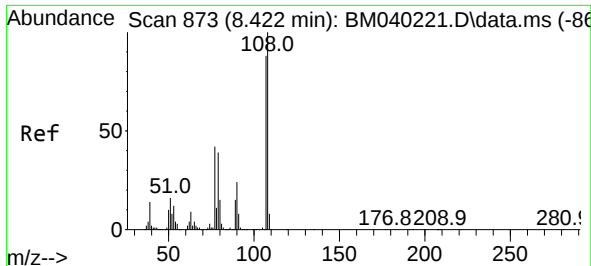
Tgt Ion: 79 Resp: 796580
Ion Ratio Lower Upper
79 100
108 77.5 63.2 94.8
77 66.8 53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.558 ng
RT: 8.498 min Scan# 886
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

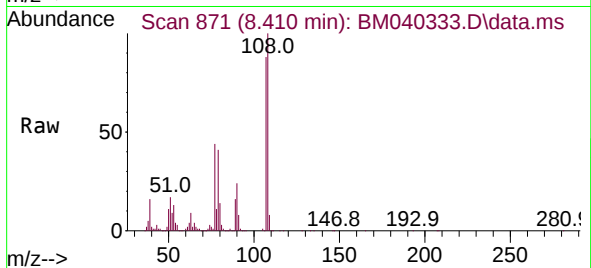
Tgt Ion: 45 Resp: 1155698
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.5
79 10.9 0.0 31.5



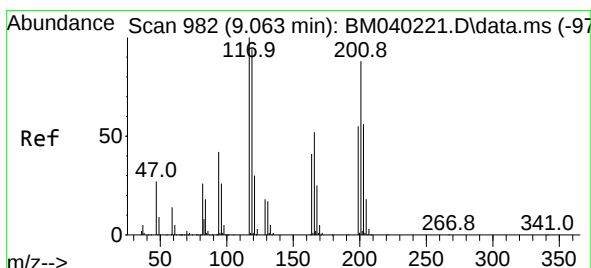
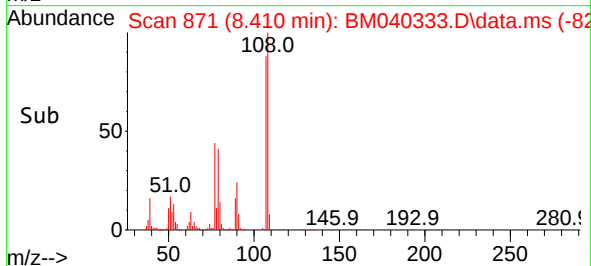
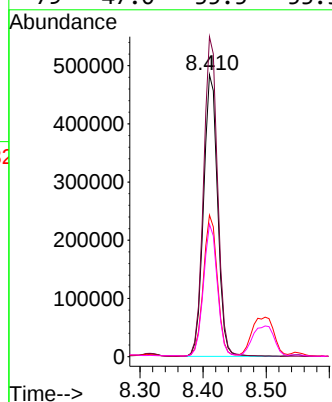


#17
2-Methylphenol
Concen: 49.037 ng
RT: 8.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Instrument :
BNA_M
ClientSampleId :

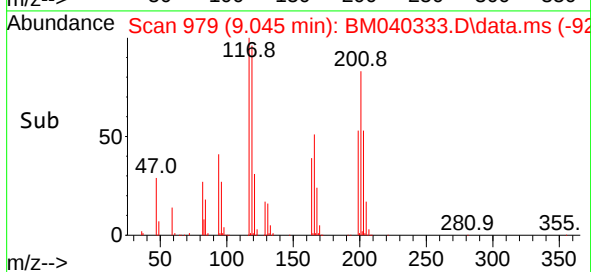
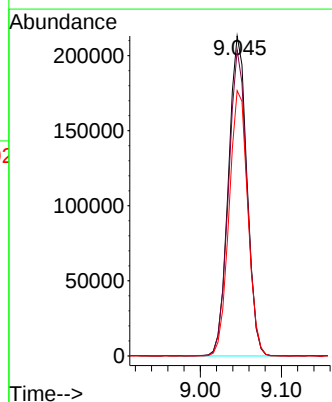
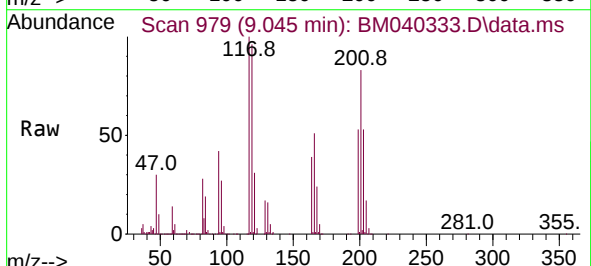


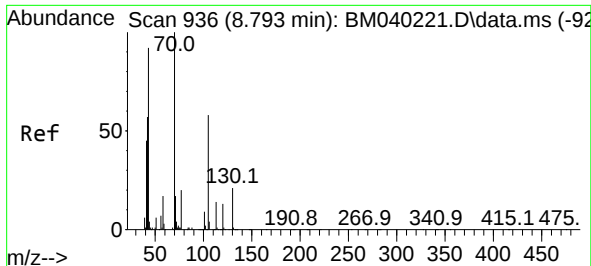
Tgt Ion:	107	Resp:	747958
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	50.2	38.7	58.1
79	47.0	35.5	53.3



#18
Hexachloroethane
Concen: 52.863 ng
RT: 9.045 min Scan# 979
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:	117	Resp:	338180
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
201	82.9	70.4	105.6

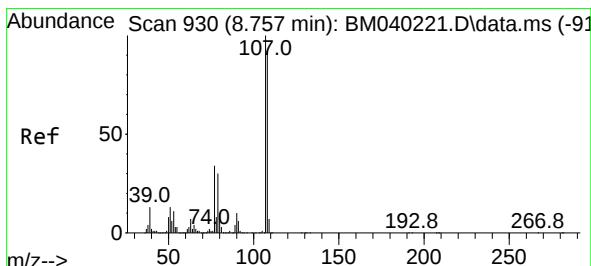
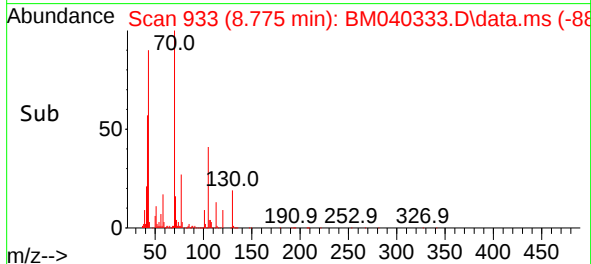
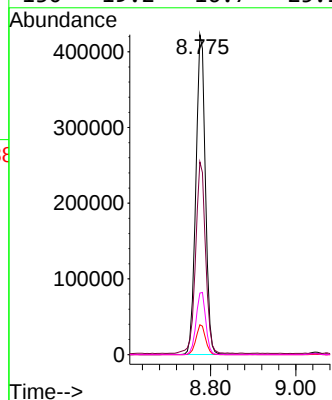
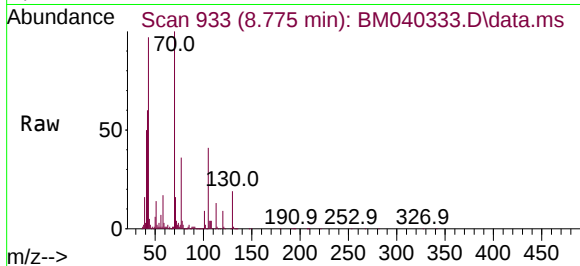




#19
n-Nitroso-di-n-propylamine
Concen: 45.799 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

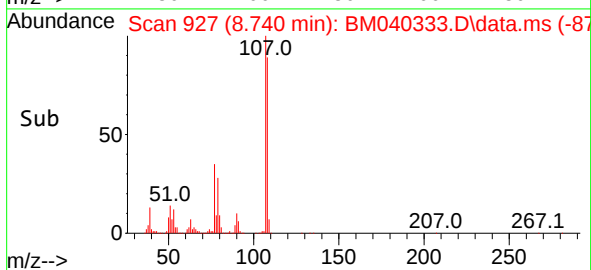
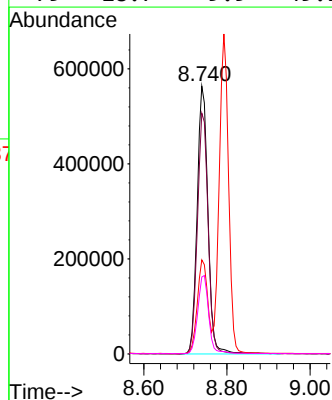
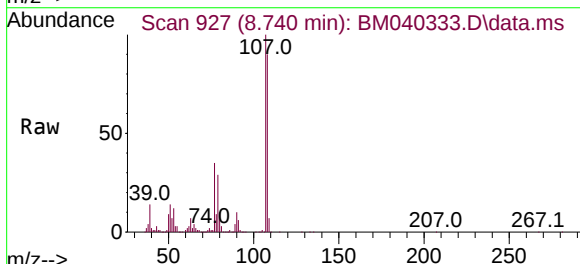
Instrument :
BNA_M
ClientSampleId :

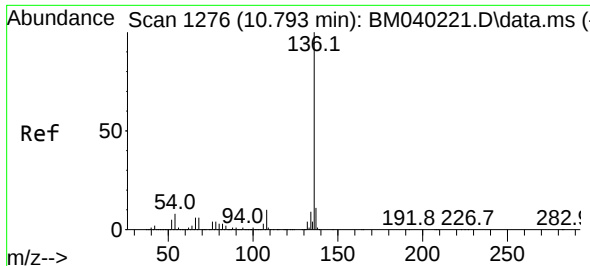
Tgt Ion: 70 Resp: 653855
Ion Ratio Lower Upper
70 100
42 60.2 46.2 69.4
101 9.3 7.4 11.0
130 19.2 16.7 25.1



#20
3+4-Methylphenols
Concen: 48.725 ng
RT: 8.740 min Scan# 927
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 107 Resp: 1016620
Ion Ratio Lower Upper
107 100
108 89.9 71.6 111.6
77 35.1 14.4 54.4
79 28.7 9.9 49.9

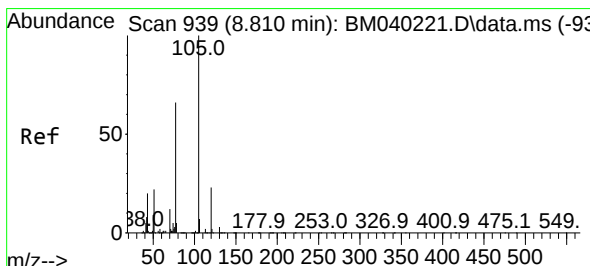
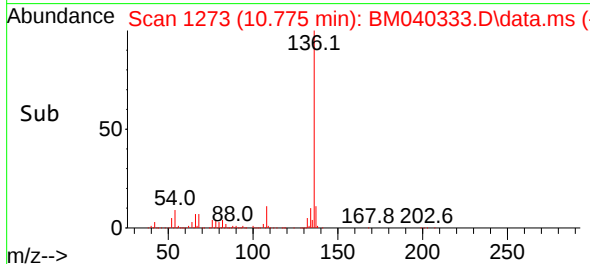
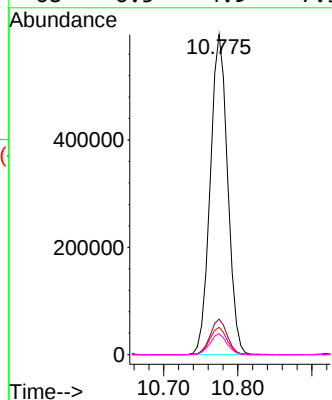
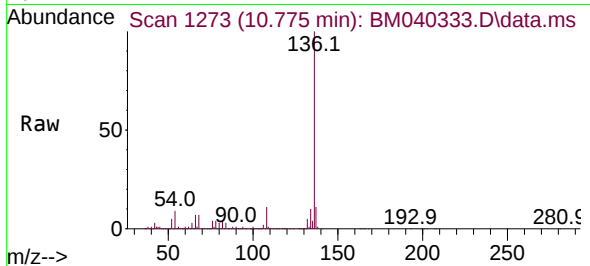




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

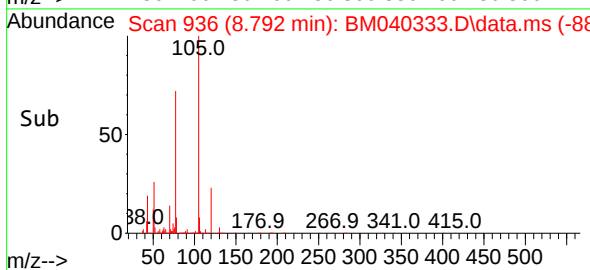
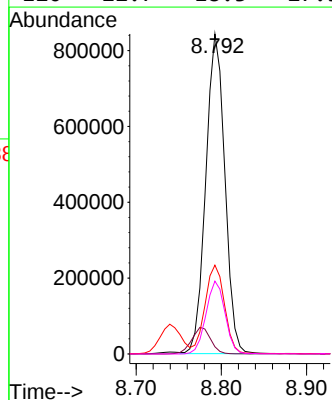
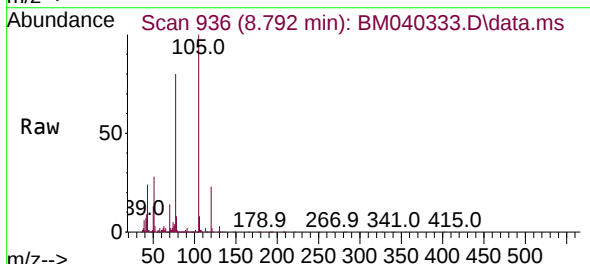
Instrument :
BNA_M
ClientSampleId :

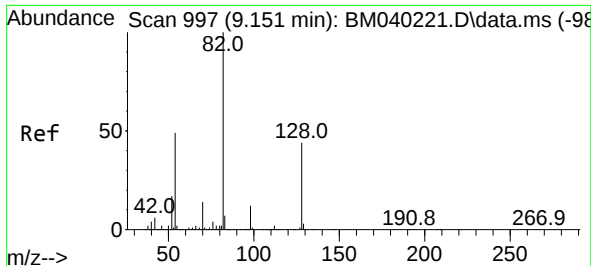
Tgt Ion:	136	Resp:	972565
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	8.5	6.2	9.4
68	6.5	4.9	7.3



#22
Acetophenone
Concen: 51.681 ng
RT: 8.792 min Scan# 936
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:	105	Resp:	1308351
Ion Ratio	Lower	Upper	
105	100		
71	2.3	1.9	2.9
51	27.7	21.2	31.8
120	22.7	18.3	27.5

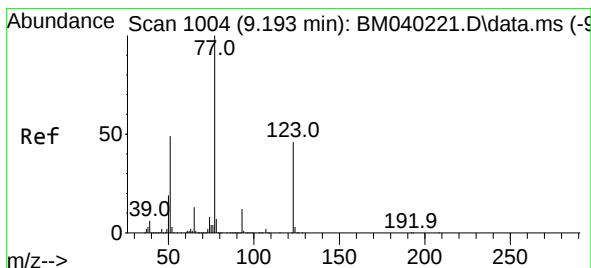
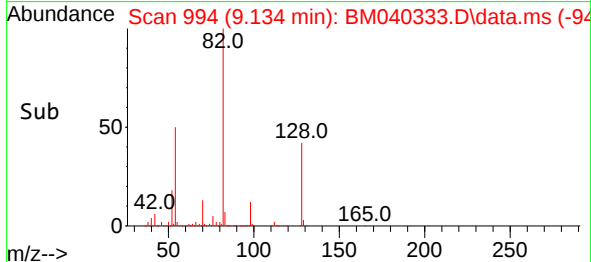
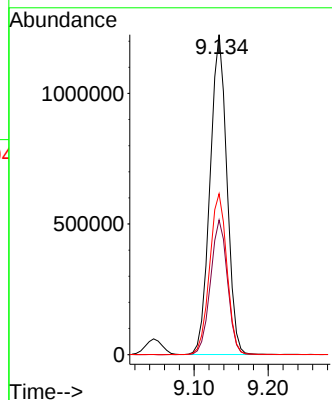
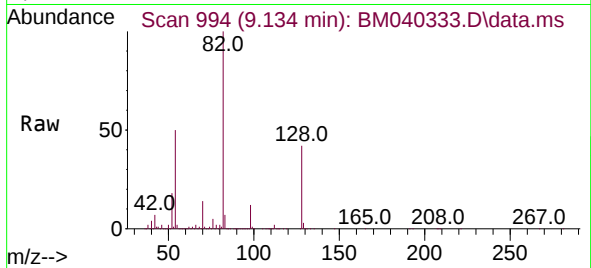




#23
Nitrobenzene-d5
Concen: 104.244 ng
RT: 9.134 min Scan# 99
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

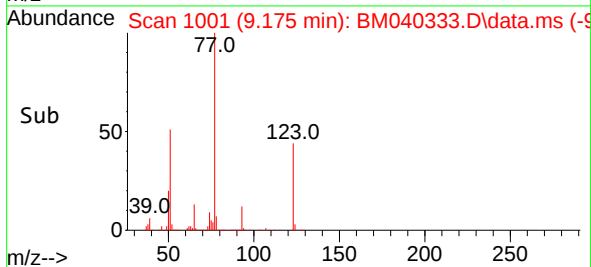
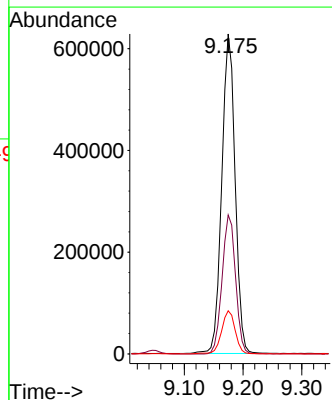
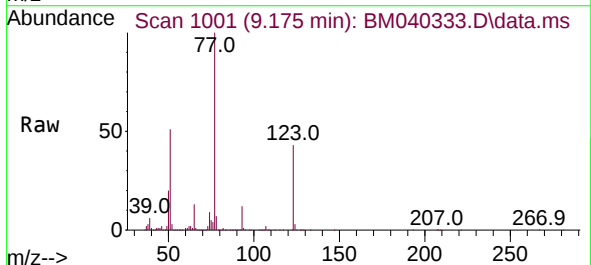
Instrument :
BNA_M
ClientSampleId :

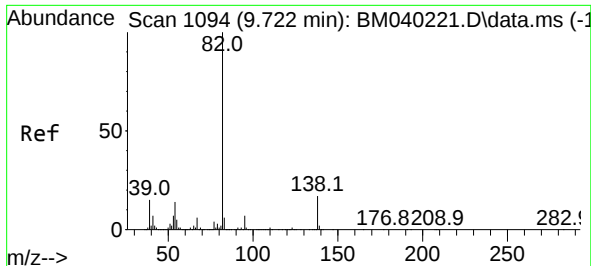
Tgt Ion: 82 Resp: 1936162
Ion Ratio Lower Upper
82 100
128 42.1 35.3 52.9
54 50.3 39.5 59.3



#24
Nitrobenzene
Concen: 52.090 ng
RT: 9.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 77 Resp: 992977
Ion Ratio Lower Upper
77 100
123 43.4 37.0 55.4
65 13.5 10.7 16.1

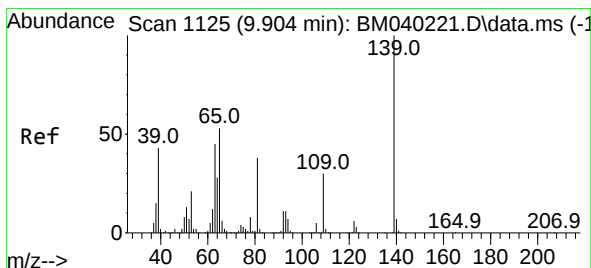
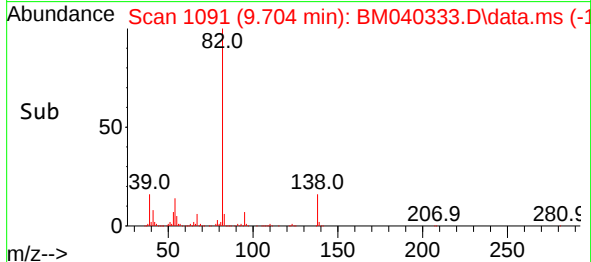
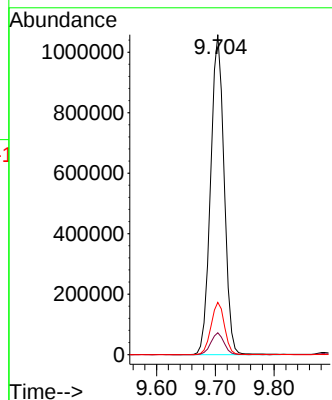
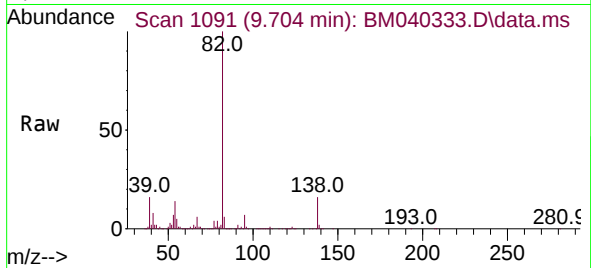




#25
Isophorone
Concen: 46.775 ng
RT: 9.704 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

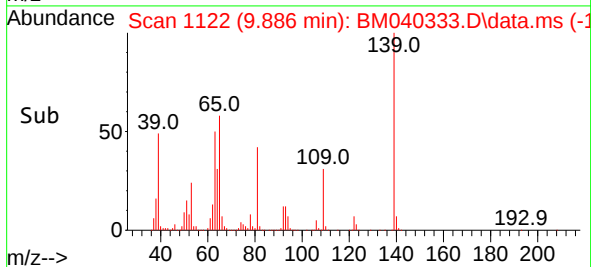
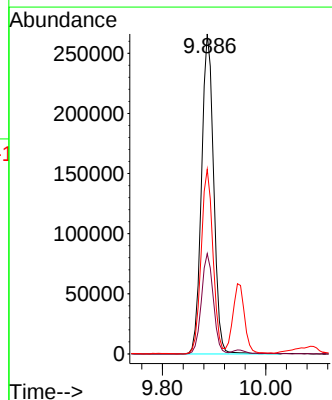
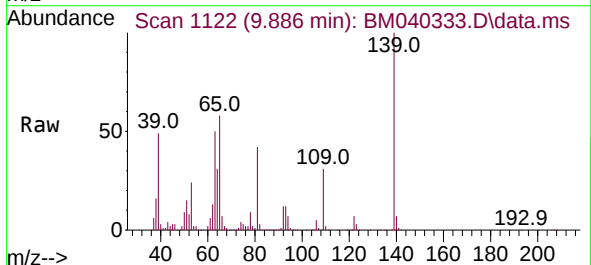
Instrument :
BNA_M
ClientSampleId :

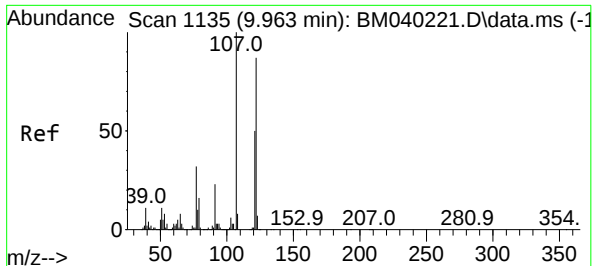
Tgt Ion: 82 Resp: 1688001
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 16.3 13.8 20.6



#26
2-Nitrophenol
Concen: 53.149 ng
RT: 9.886 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 139 Resp: 432986
Ion Ratio Lower Upper
139 100
109 31.3 23.9 35.9
65 57.7 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 52.300 ng

RT: 9.951 min Scan# 1133

Delta R.T. 0.006 min

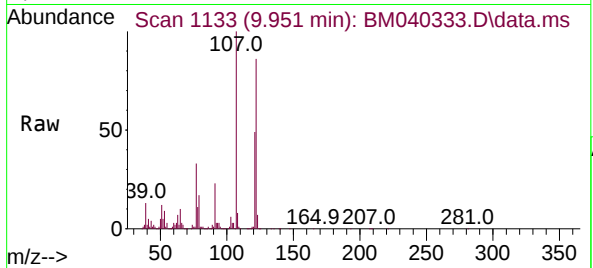
Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :



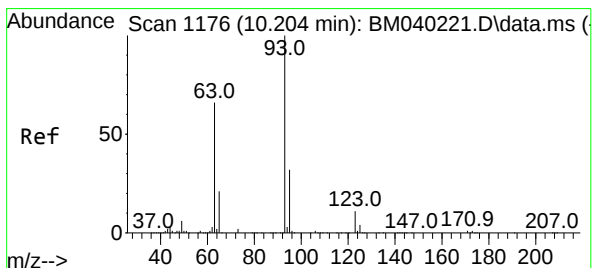
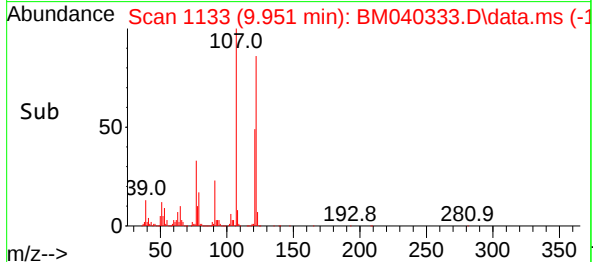
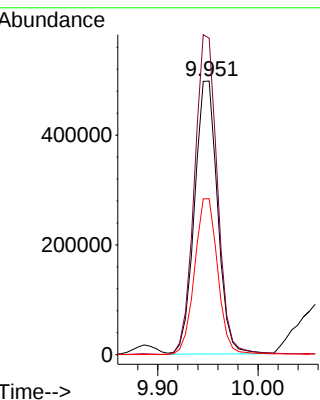
Tgt Ion:122 Resp: 792274

Ion Ratio Lower Upper

122 100

107 115.7 91.9 137.9

121 57.0 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.273 ng

RT: 10.186 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

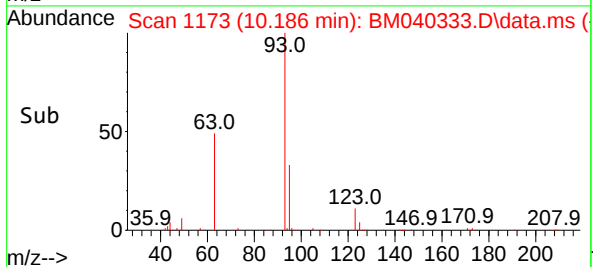
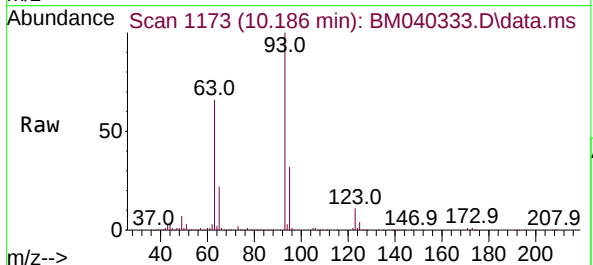
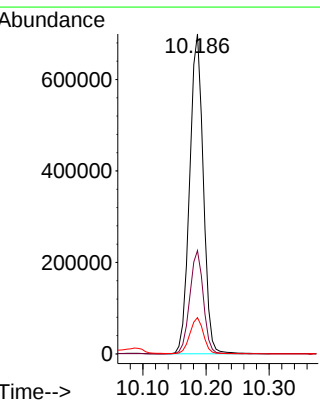
Tgt Ion: 93 Resp: 1049617

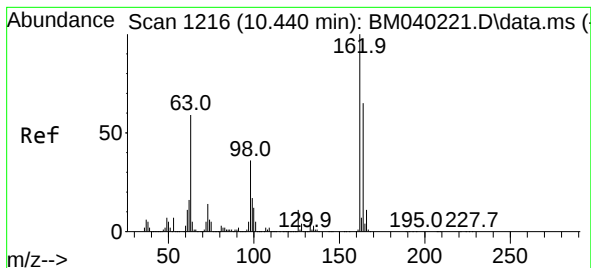
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.3 9.3 13.9

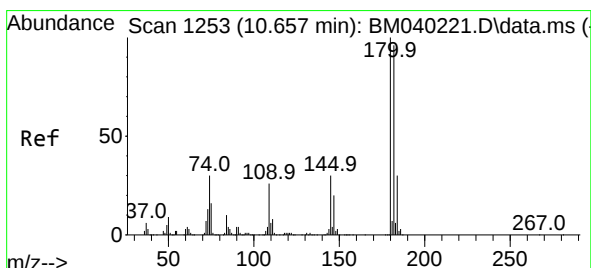
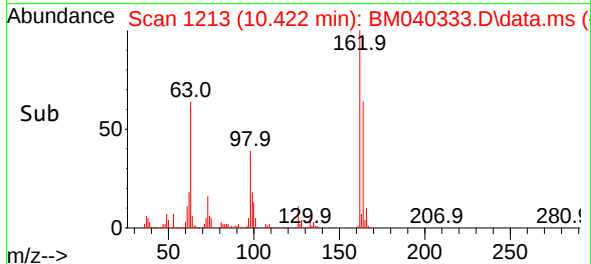
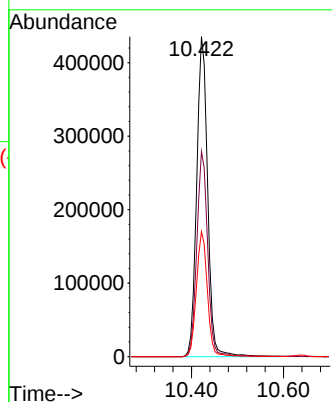
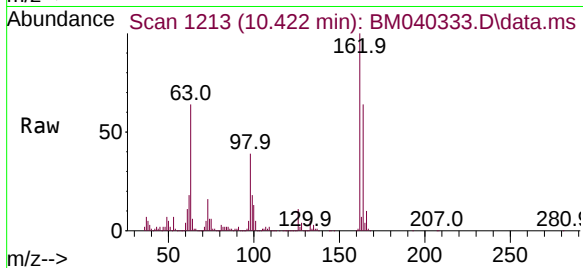




#29
2,4-Dichlorophenol
Concen: 49.980 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

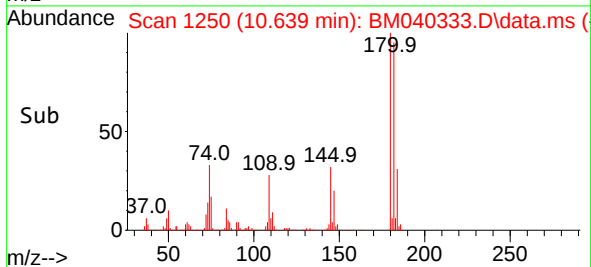
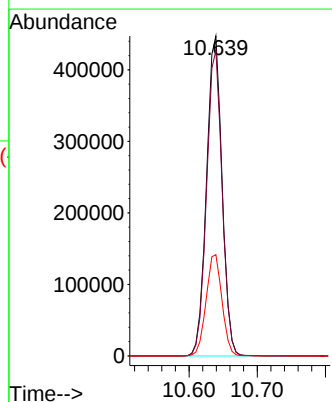
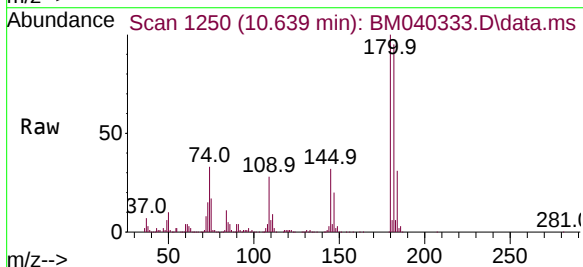
Instrument :
BNA_M
ClientSampleId :

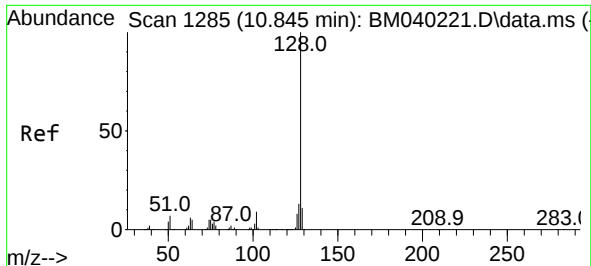
Tgt Ion:162 Resp: 717293
Ion Ratio Lower Upper
162 100
164 64.1 44.5 84.5
98 39.1 16.1 56.1



#30
1,2,4-Trichlorobenzene
Concen: 48.385 ng
RT: 10.639 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

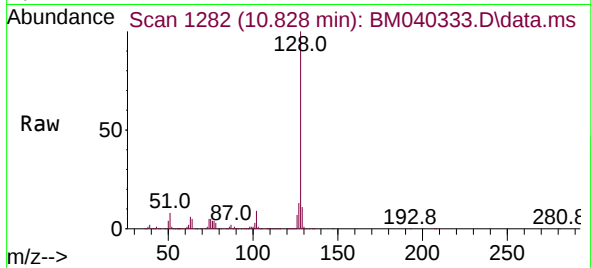
Tgt Ion:180 Resp: 707636
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 31.6 24.3 36.5



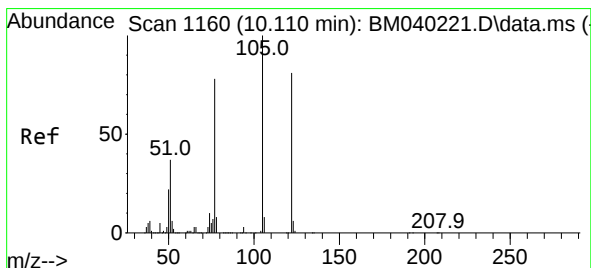
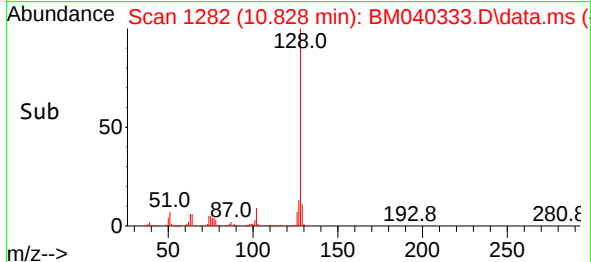
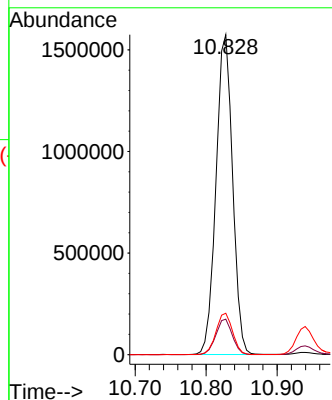


#31
Naphthalene
Concen: 48.919 ng
RT: 10.828 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Instrument :
BNA_M
ClientSampleId :

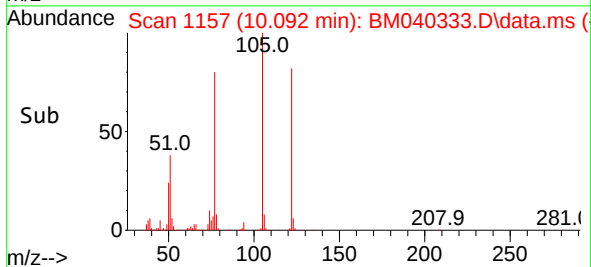
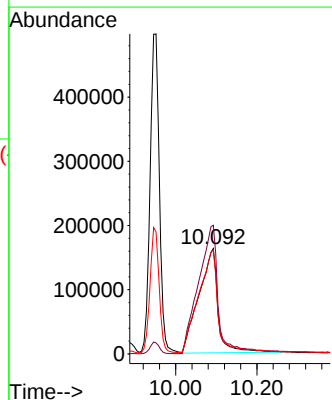
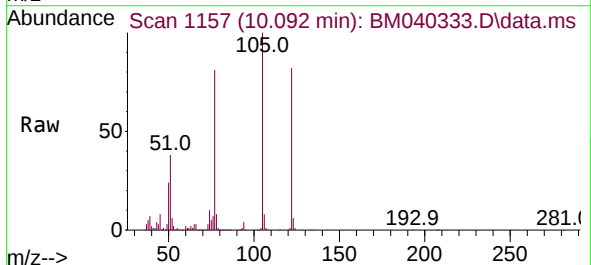


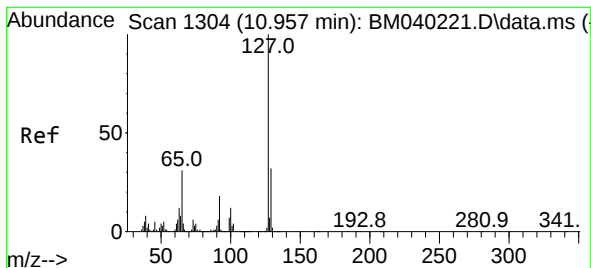
Tgt Ion:128 Resp: 2556092
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 45.098 ng
RT: 10.092 min Scan# 1157
Delta R.T. 0.017 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:122 Resp: 534601
Ion Ratio Lower Upper
122 100
105 122.0 100.4 140.4
77 98.7 75.0 115.0

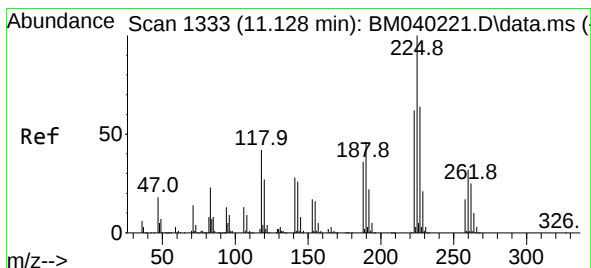
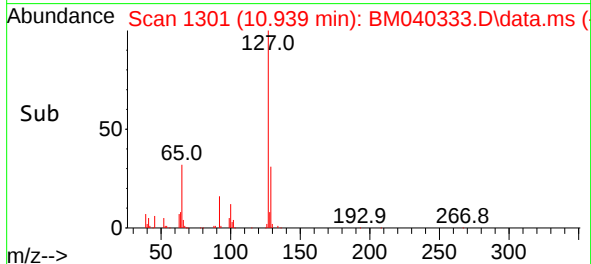
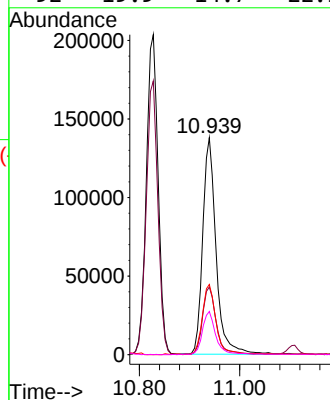
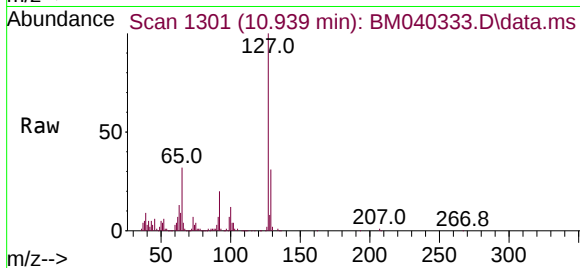




#33
4-Chloroaniline
Concen: 10.939 ng
RT: 10.939 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

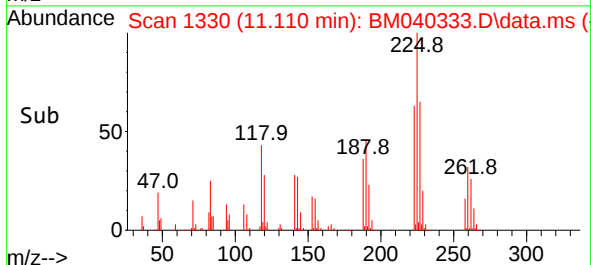
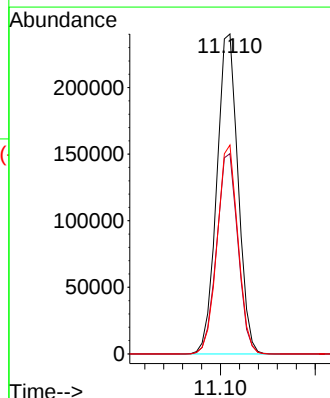
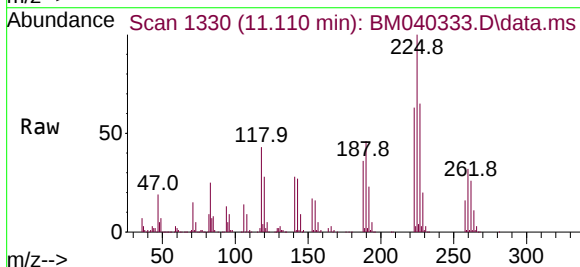
Instrument :
BNA_M
ClientSampleId :

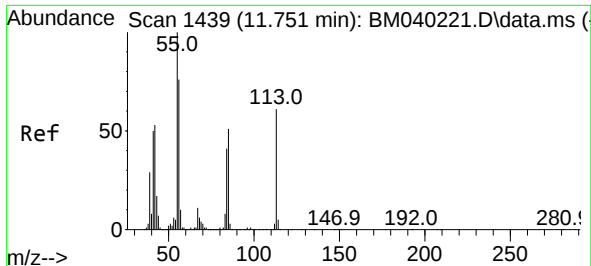
Tgt Ion:127	Resp: 255668
Ion Ratio	Lower Upper
127 100	
129 31.2	25.7 38.5
65 32.3	24.6 36.8
92 19.9	14.7 22.1



#34
Hexachlorobutadiene
Concen: 45.438 ng
RT: 11.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:225	Resp: 373583
Ion Ratio	Lower Upper
225 100	
223 62.6	49.5 74.3
227 65.3	51.1 76.7

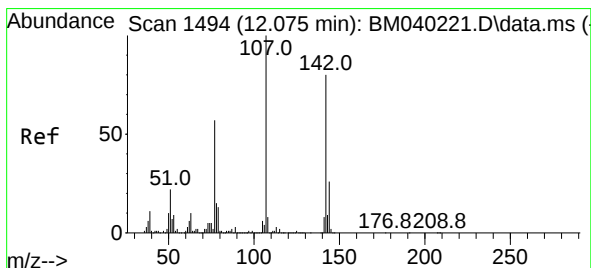
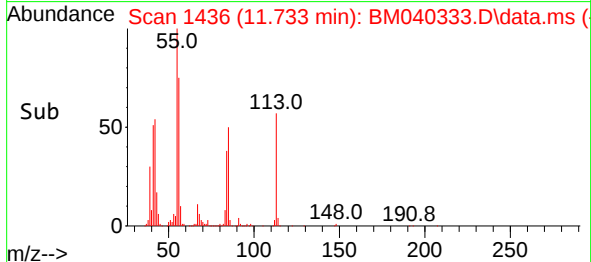
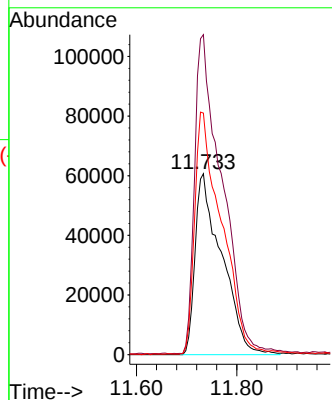
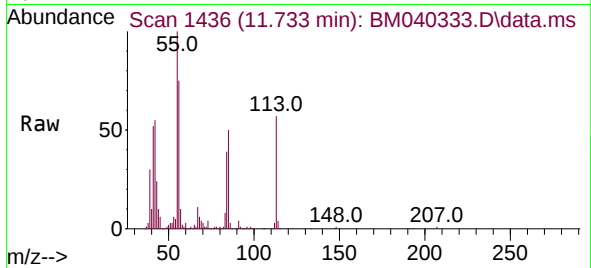




#35
Caprolactam
Concen: 44.554 ng
RT: 11.733 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

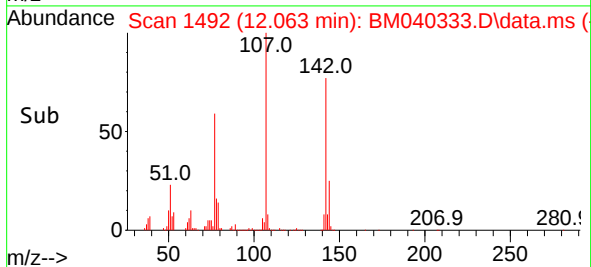
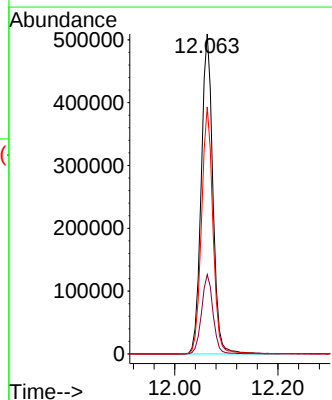
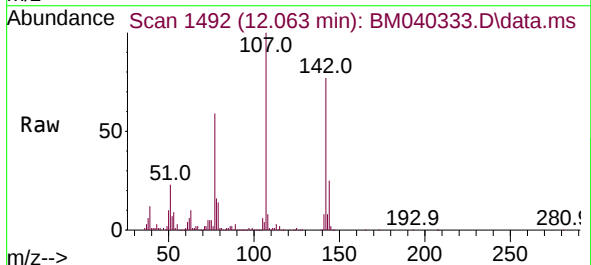
Instrument :
BNA_M
ClientSampleId :

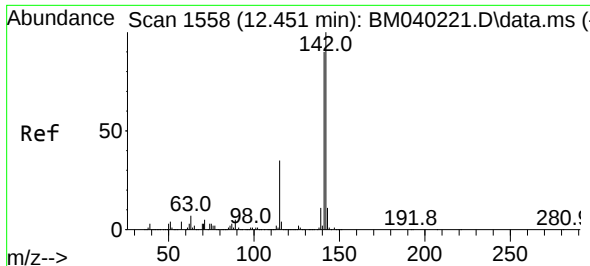
Tgt Ion:113 Resp: 222827
Ion Ratio Lower Upper
113 100
55 177.0 144.6 184.6
56 133.6 105.5 145.5



#36
4-Chloro-3-methylphenol
Concen: 47.607 ng
RT: 12.063 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:107 Resp: 792520
Ion Ratio Lower Upper
107 100
144 24.8 20.7 31.1
142 77.2 64.2 96.2

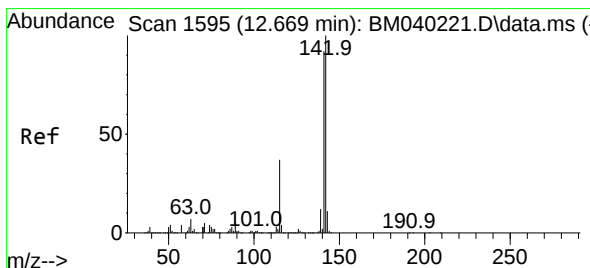
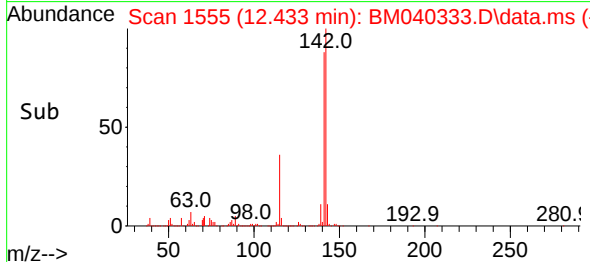
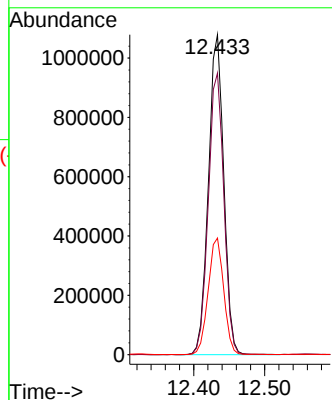
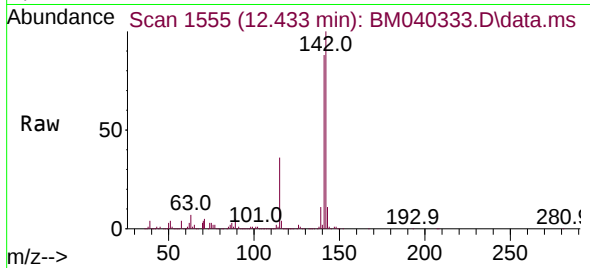




#37
2-Methylnaphthalene
Concen: 43.667 ng
RT: 12.433 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

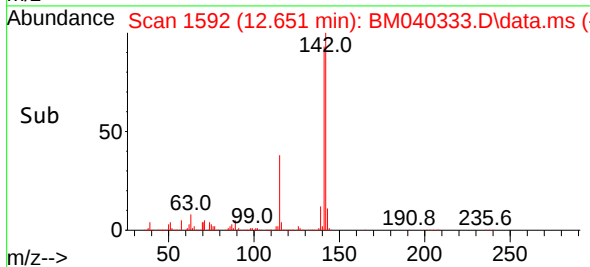
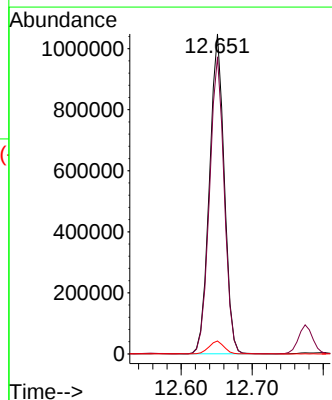
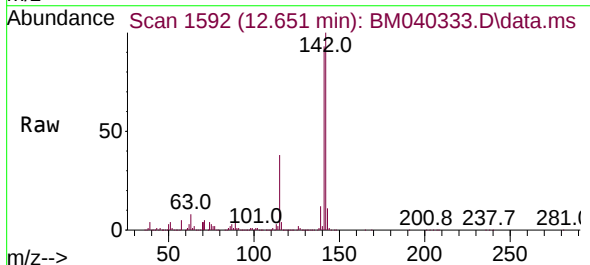
Instrument :
BNA_M
ClientSampleId :

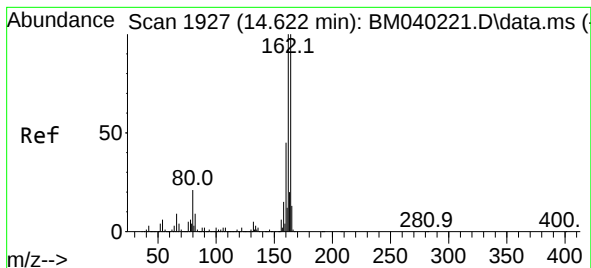
Tgt Ion:142 Resp: 1617637
Ion Ratio Lower Upper
142 100
141 88.0 71.8 107.8
115 36.5 28.4 42.6



#38
1-Methylnaphthalene
Concen: 43.216 ng
RT: 12.651 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:142 Resp: 1512055
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 19

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

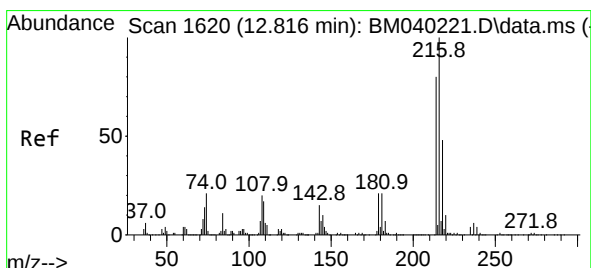
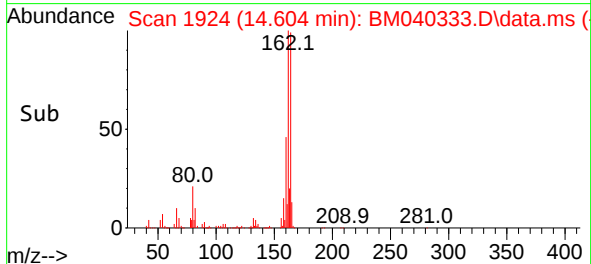
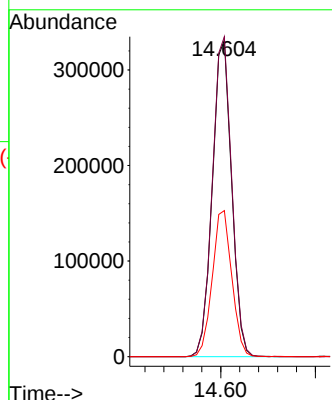
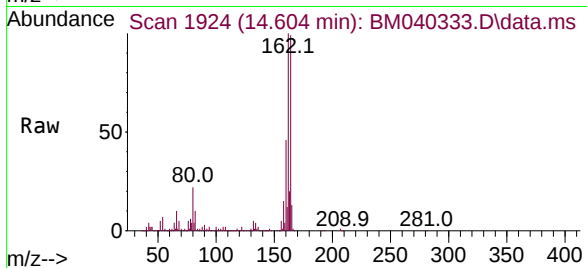
Tgt Ion:164 Resp: 466777

Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

160 46.1 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.424 ng

RT: 12.798 min Scan# 1617

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Tgt Ion:216 Resp: 706388

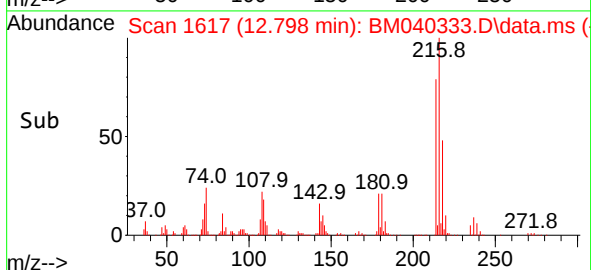
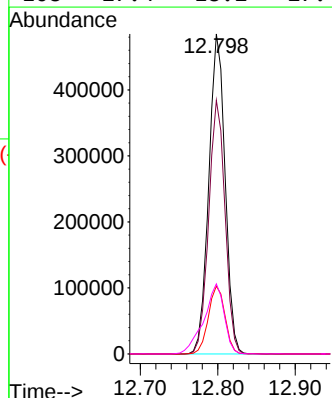
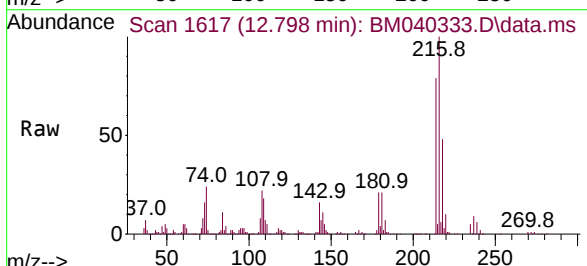
Ion Ratio Lower Upper

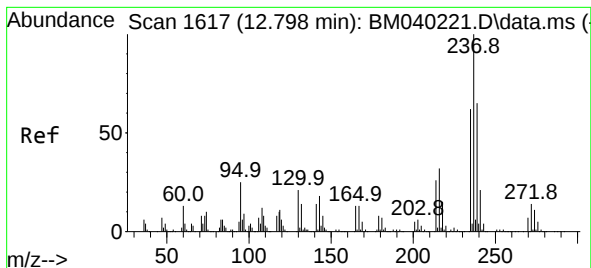
216 100

214 79.3 63.0 94.6

179 21.6 17.3 25.9

108 27.4 18.2 27.4





#41

Hexachlorocyclopentadiene

Concen: 129.624 ng

RT: 12.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

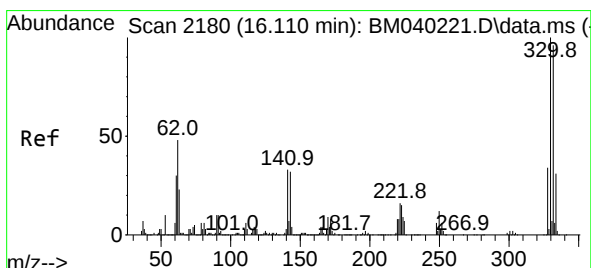
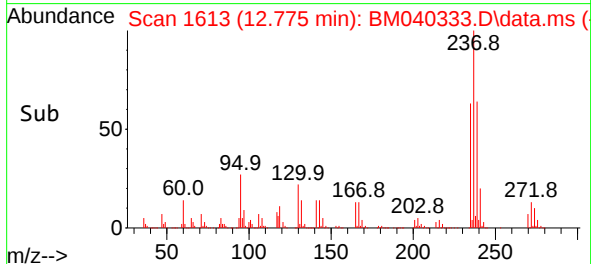
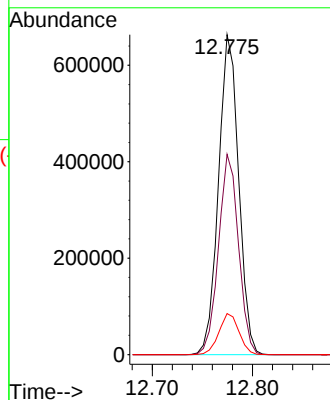
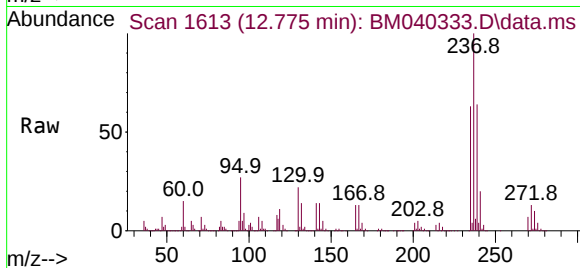
Tgt Ion:237 Resp: 925504

Ion Ratio Lower Upper

237 100

235 62.6 42.1 82.1

272 12.8 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 74.285 ng

RT: 16.092 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

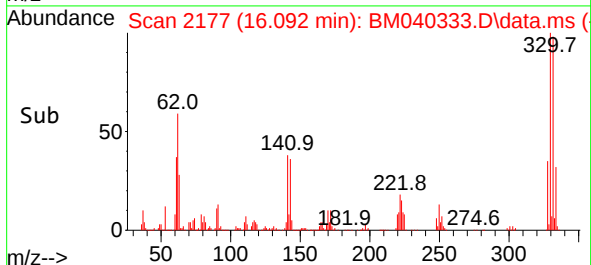
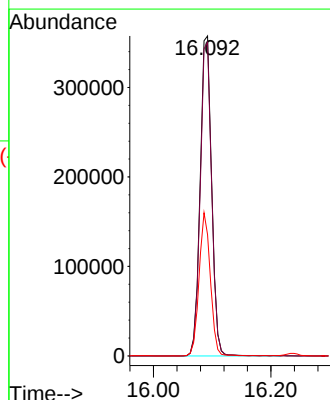
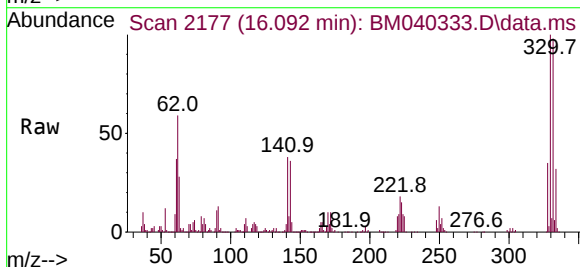
Tgt Ion:330 Resp: 483709

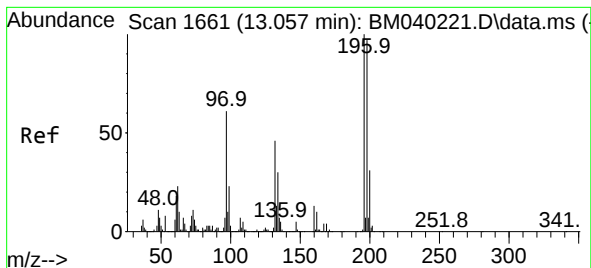
Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 43.9 30.0 45.0





#43

2,4,6-Trichlorophenol

Concen: 53.065 ng

RT: 13.039 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

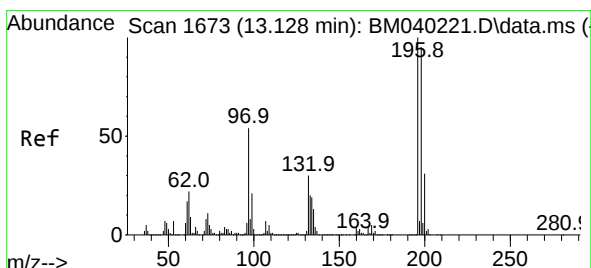
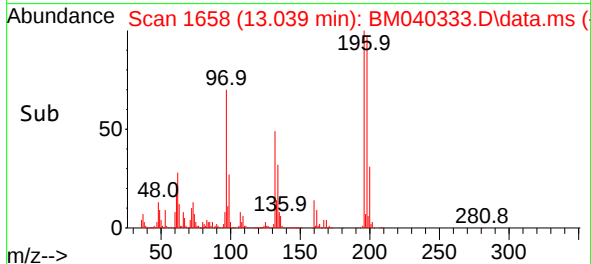
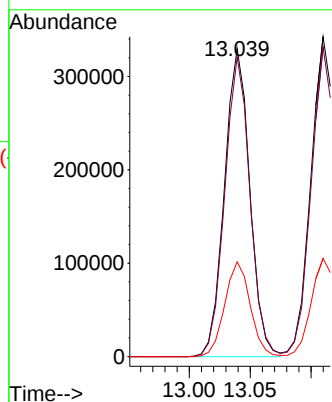
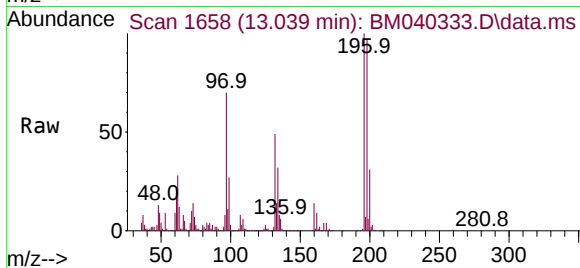
Tgt Ion:196 Resp: 477621

Ion Ratio Lower Upper

196 100

198 97.3 77.8 116.8

200 30.8 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 47.989 ng

RT: 13.110 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Tgt Ion:196 Resp: 514546

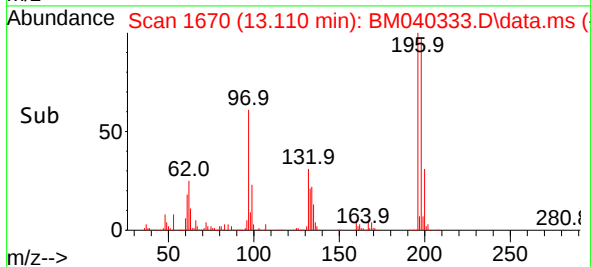
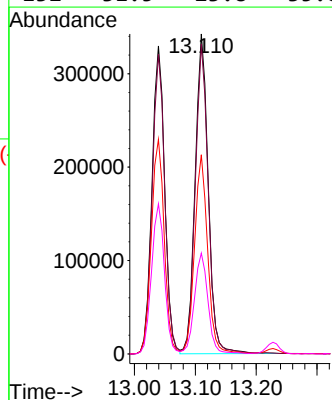
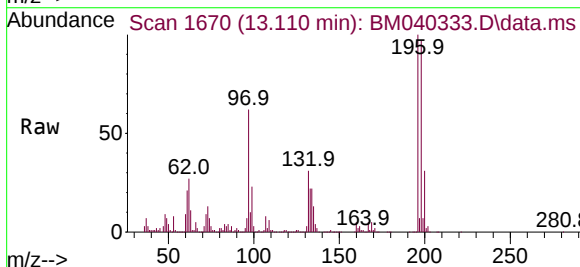
Ion Ratio Lower Upper

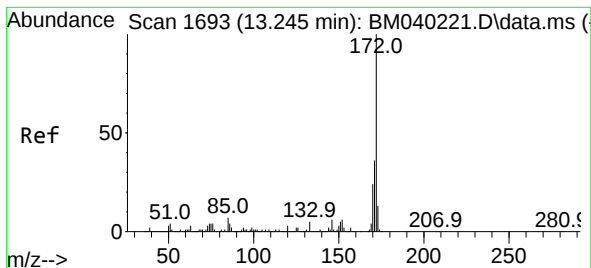
196 100

198 96.8 75.9 113.9

97 62.2 43.0 64.6

132 31.5 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 105.236 ng

RT: 13.227 min Scan# 1690

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

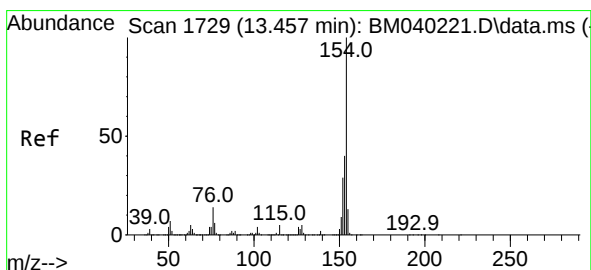
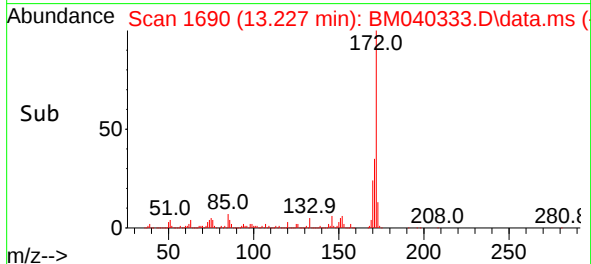
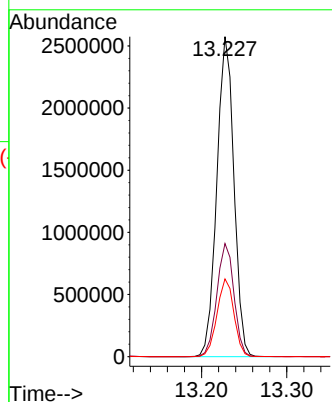
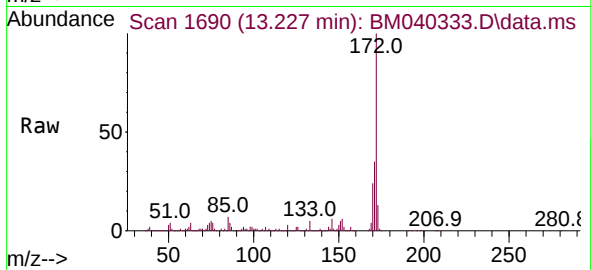
Tgt Ion:172 Resp: 3578679

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 24.3 19.5 29.3



#46

1,1'-Biphenyl

Concen: 54.035 ng

RT: 13.439 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

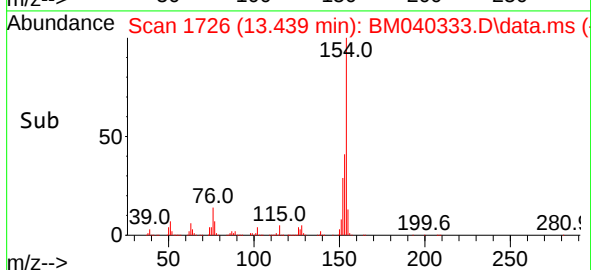
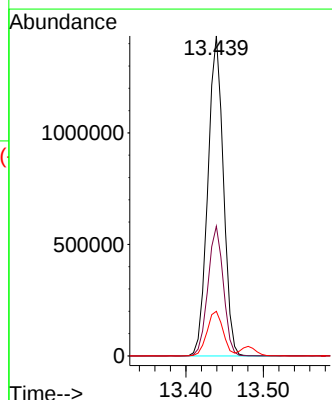
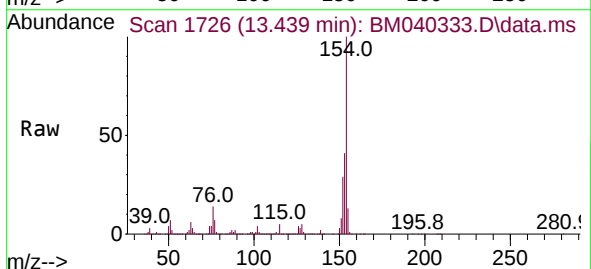
Tgt Ion:154 Resp: 1990833

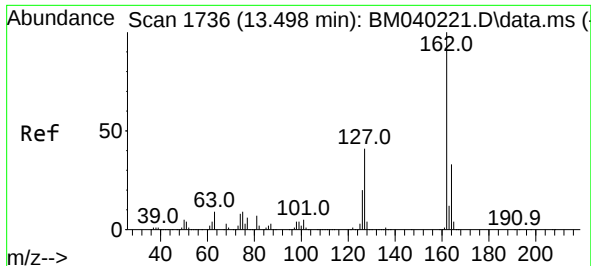
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

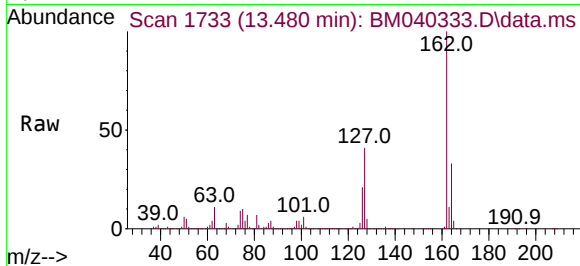
76 13.9 0.0 33.7



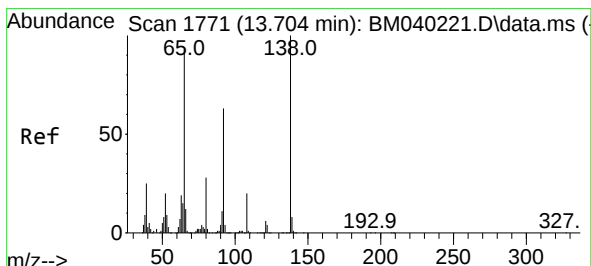
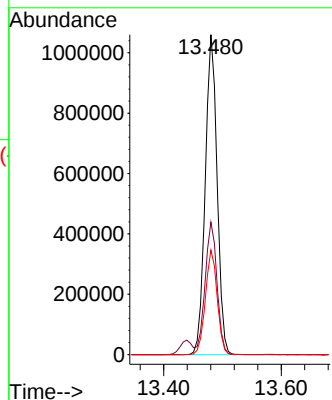
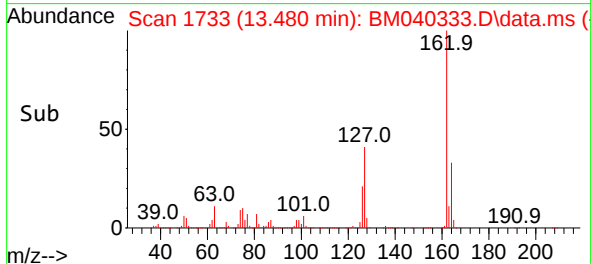


#47
2-Chloronaphthalene
Concen: 54.448 ng
RT: 13.480 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

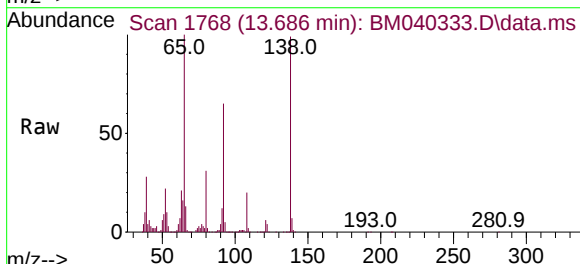
Instrument :
BNA_M
ClientSampleId :



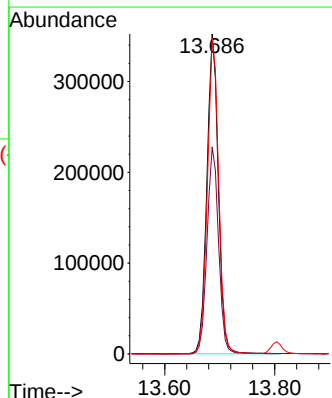
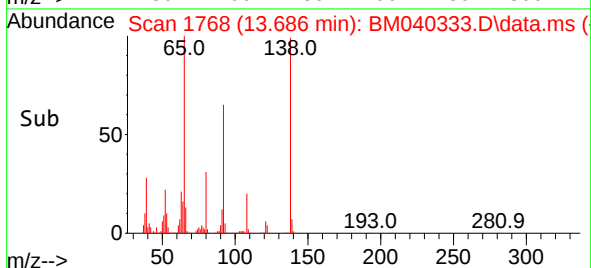
Tgt Ion:162 Resp: 1485578
Ion Ratio Lower Upper
162 100
127 41.4 32.7 49.1
164 32.6 26.6 40.0

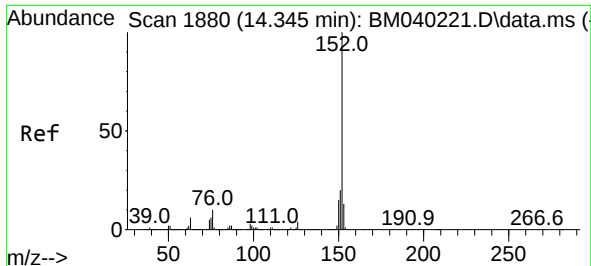


#48
2-Nitroaniline
Concen: 56.330 ng
RT: 13.686 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52



Tgt Ion: 65 Resp: 506659
Ion Ratio Lower Upper
65 100
92 64.7 54.1 81.1
138 98.7 86.0 129.0

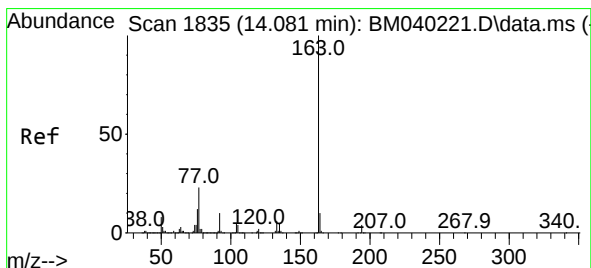
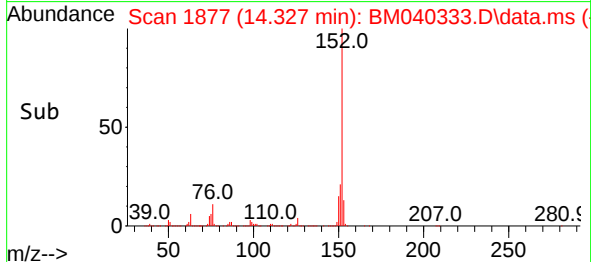
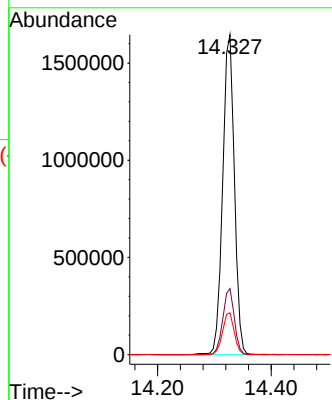
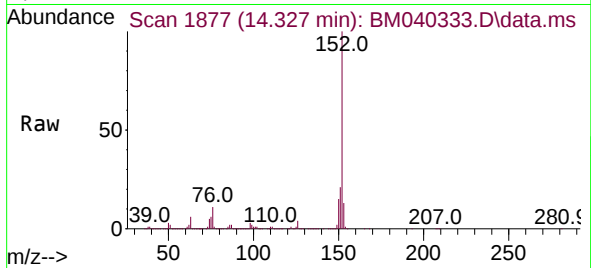




#49
Acenaphthylene
Concen: 51.473 ng
RT: 14.327 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

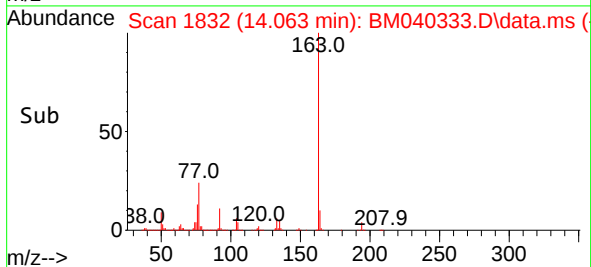
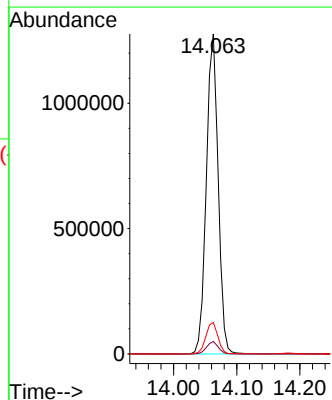
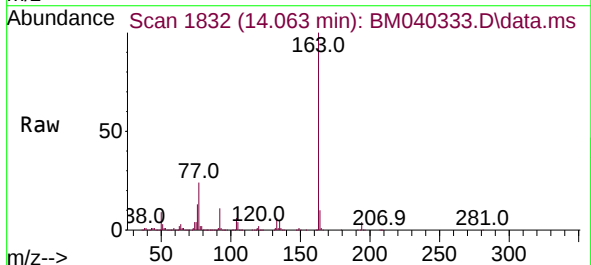
Instrument :
BNA_M
ClientSampleId :

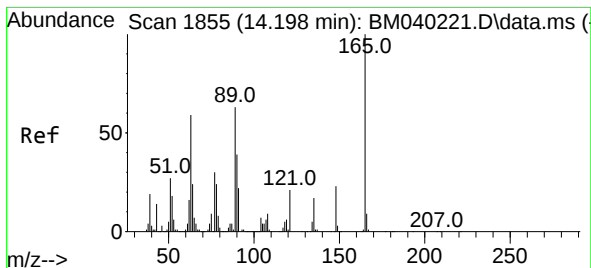
Tgt Ion:152 Resp: 2342635
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 44.512 ng
RT: 14.063 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:163 Resp: 1653338
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.1 12.1

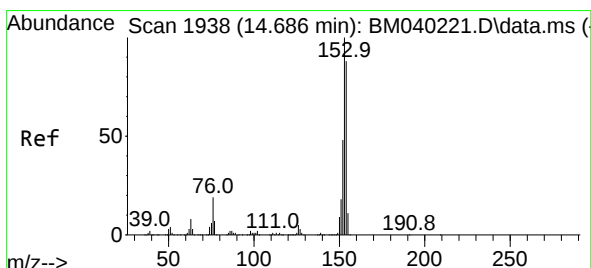
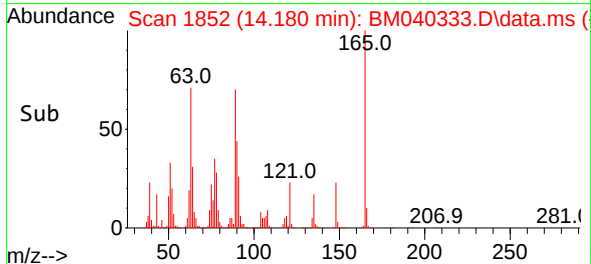
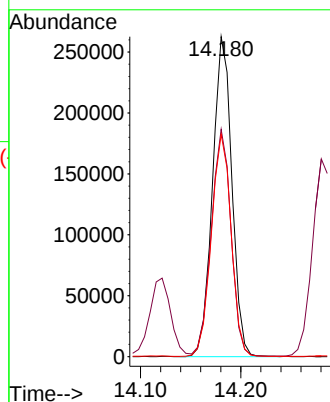
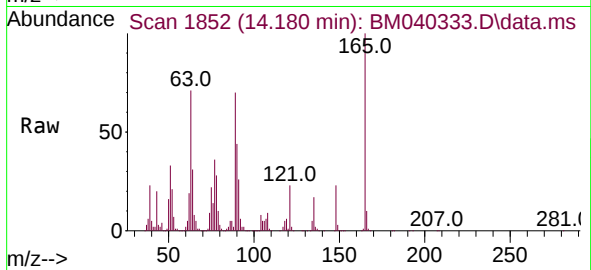




#51
2,6-Dinitrotoluene
Concen: 46.519 ng
RT: 14.180 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

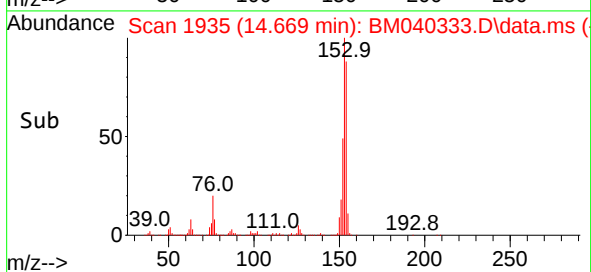
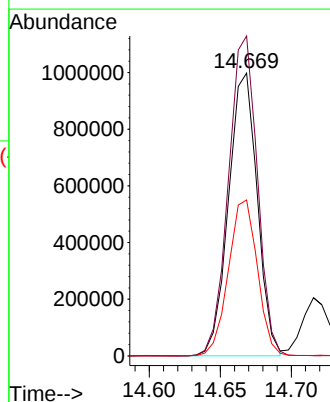
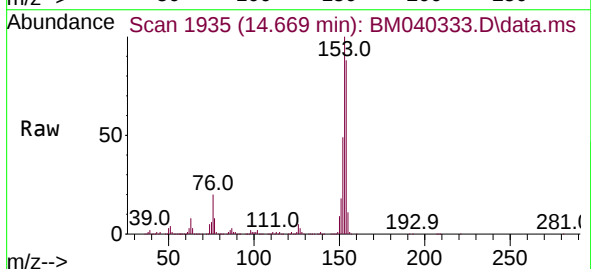
Instrument :
BNA_M
ClientSampleId :

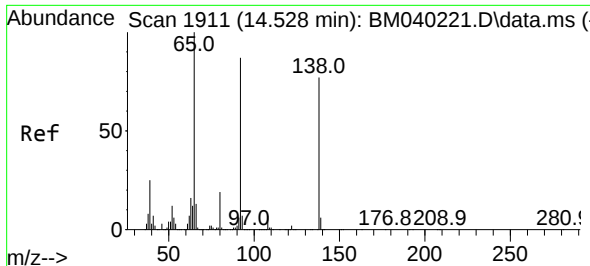
Tgt Ion:165 Resp: 351568
Ion Ratio Lower Upper
165 100
63 71.0 49.8 74.8
89 69.5 50.2 75.4



#52
Acenaphthene
Concen: 50.585 ng
RT: 14.669 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:154 Resp: 1404570
Ion Ratio Lower Upper
154 100
153 113.1 90.9 136.3
152 55.1 43.8 65.8

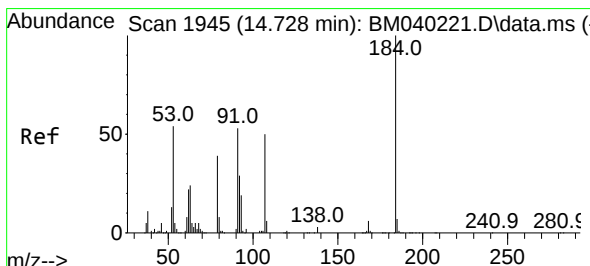
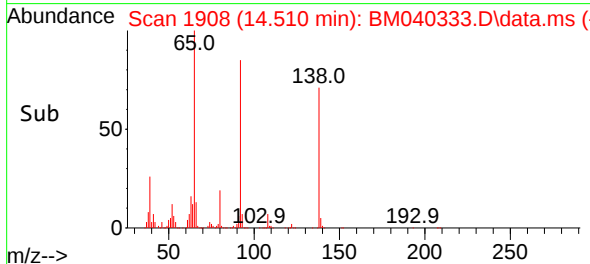
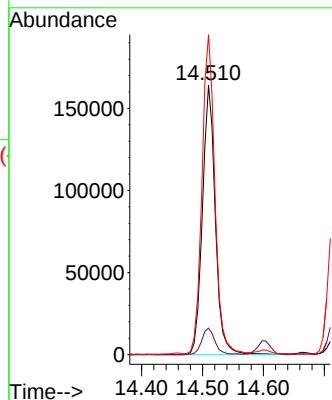
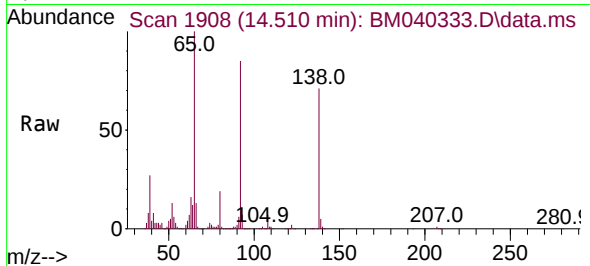




#53
3-Nitroaniline
Concen: 26.781 ng
RT: 14.510 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

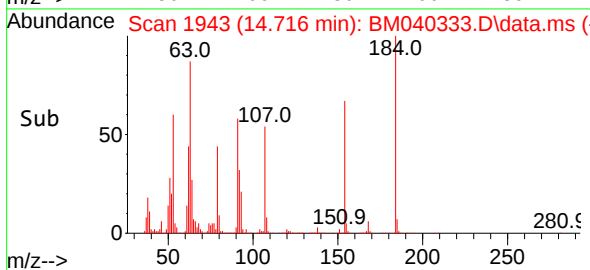
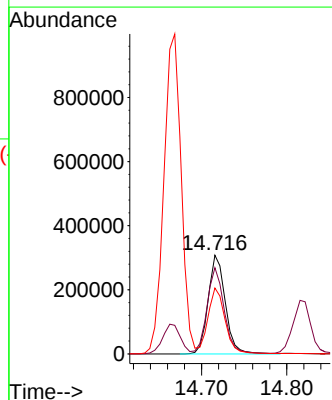
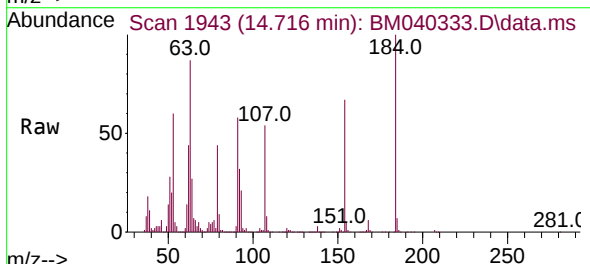
Instrument :
BNA_M
ClientSampleId :

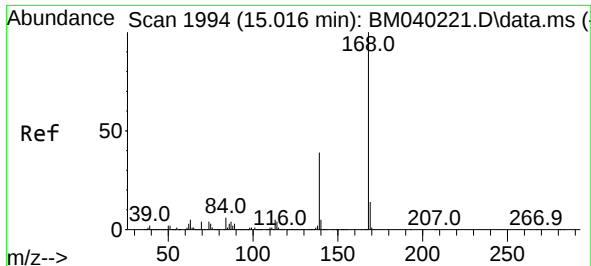
Tgt Ion:138 Resp: 240456
Ion Ratio Lower Upper
138 100
108 9.8 7.7 11.5
92 118.8 90.3 135.5



#54
2,4-Dinitrophenol
Concen: 88.415 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:184 Resp: 429923
Ion Ratio Lower Upper
184 100
63 87.2 63.8 95.8
154 66.7 52.6 79.0

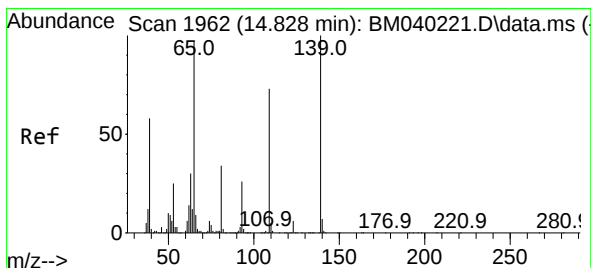
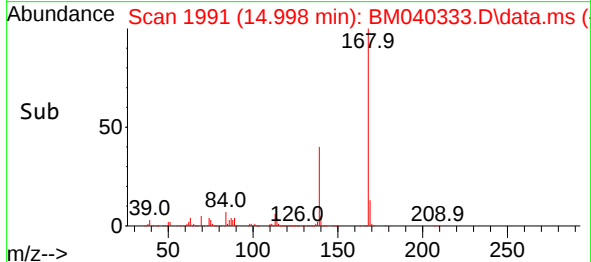
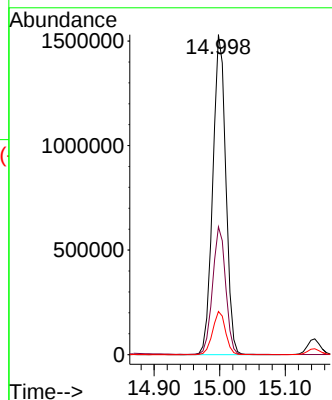
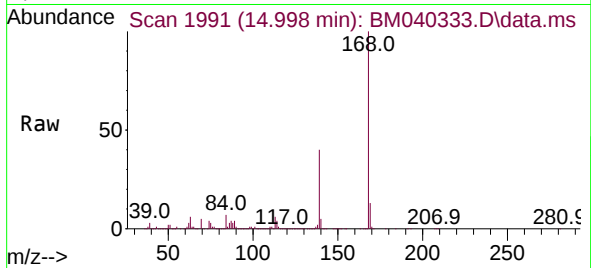




#55
Dibenzenofuran
Concen: 48.096 ng
RT: 14.998 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

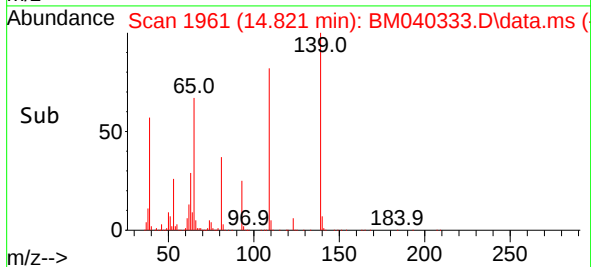
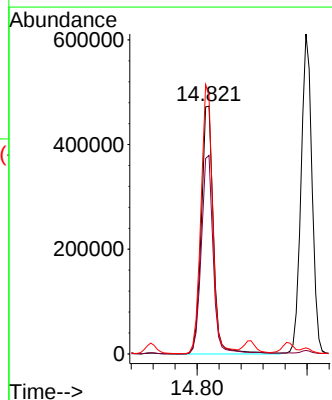
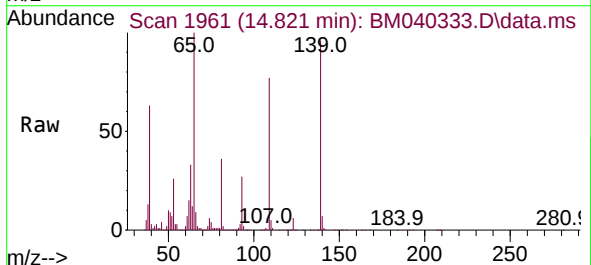
Instrument :
BNA_M
ClientSampleId :

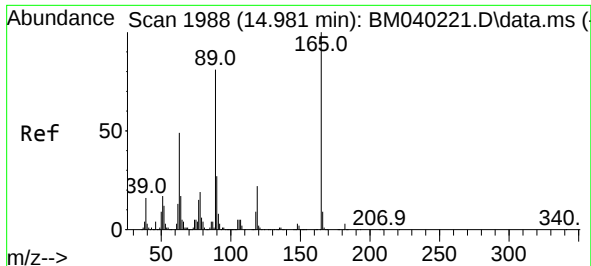
Tgt Ion:168 Resp: 2112535
Ion Ratio Lower Upper
168 100
139 39.9 31.2 46.8
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 102.383 ng
RT: 14.821 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:139 Resp: 718524
Ion Ratio Lower Upper
139 100
109 80.1 53.1 93.1
65 104.2 77.4 117.4

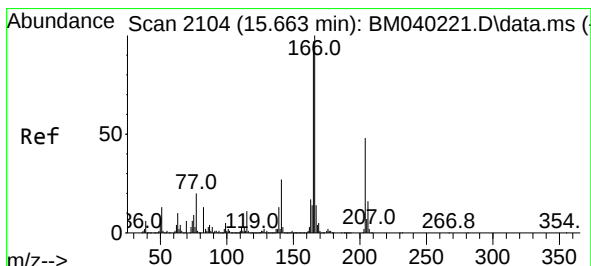
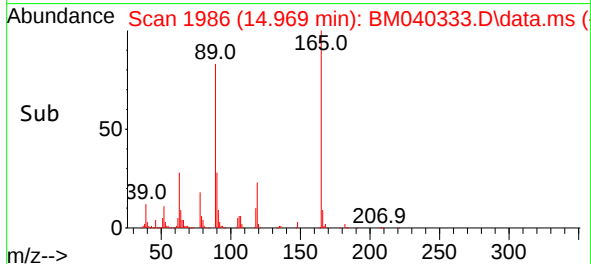
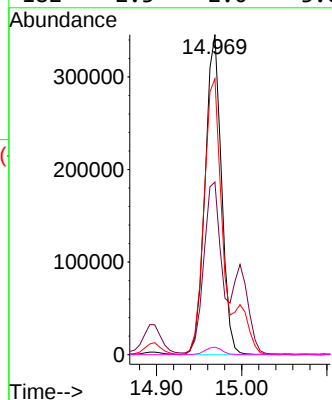
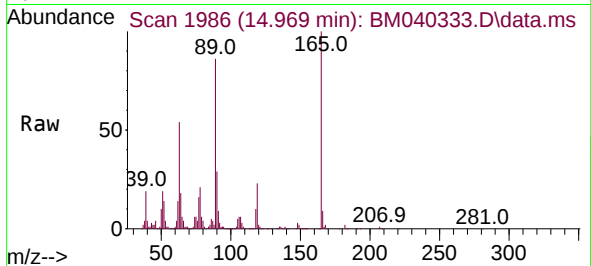




#57
2,4-Dinitrotoluene
Concen: 45.282 ng
RT: 14.969 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

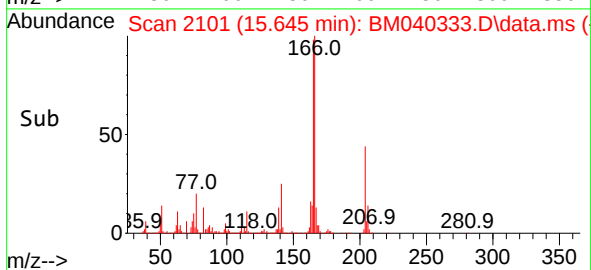
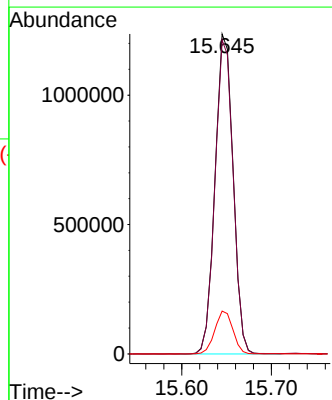
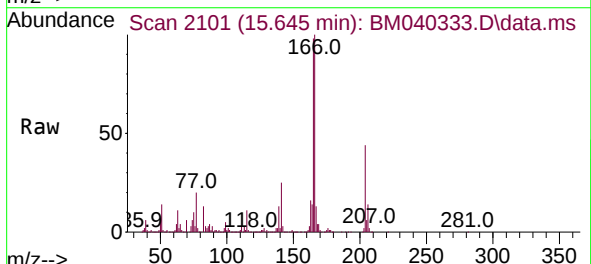
Instrument :
BNA_M
ClientSampleId :

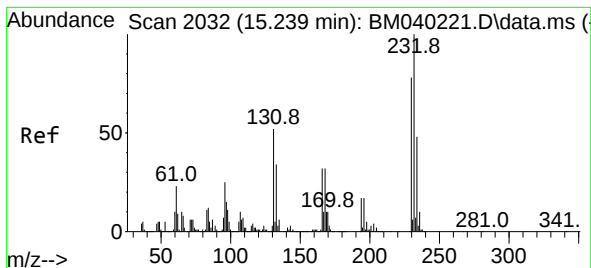
Tgt Ion:165 Resp: 461186
Ion Ratio Lower Upper
165 100
63 54.0 39.0 58.4
89 86.2 64.6 96.8
182 2.3 2.0 3.0



#58
Fluorene
Concen: 48.351 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:166 Resp: 1729114
Ion Ratio Lower Upper
166 100
165 98.1 77.7 116.5
167 13.4 11.1 16.7

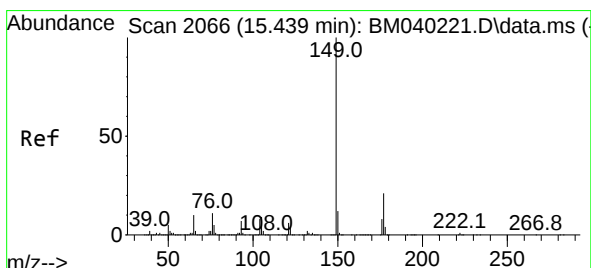
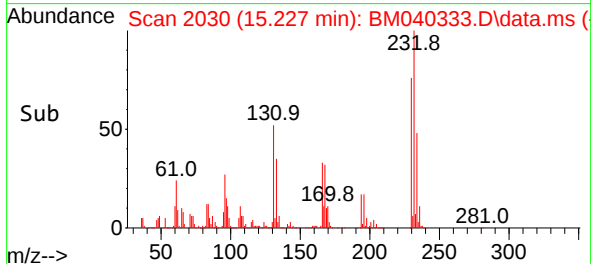
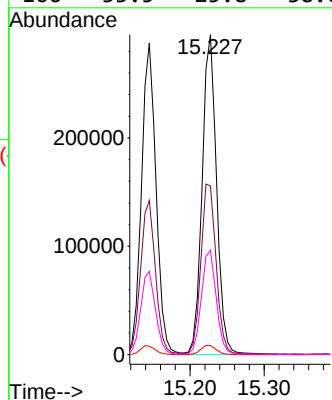
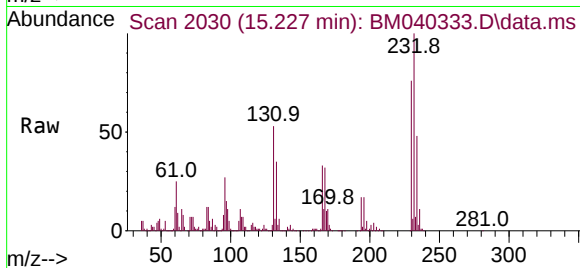




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.791 ng
RT: 15.227 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

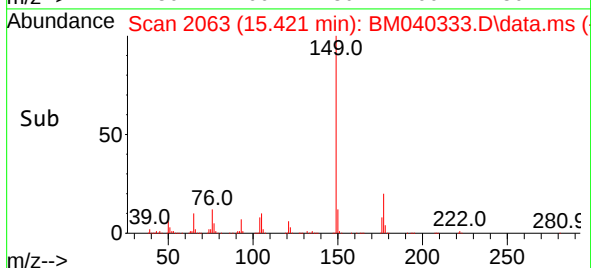
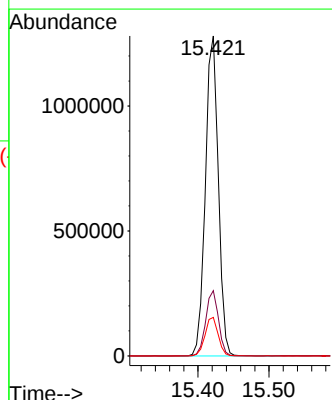
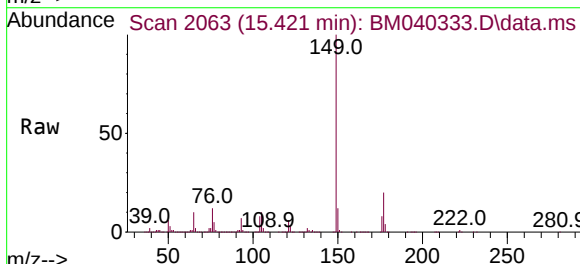
Instrument :
BNA_M
ClientSampleId :

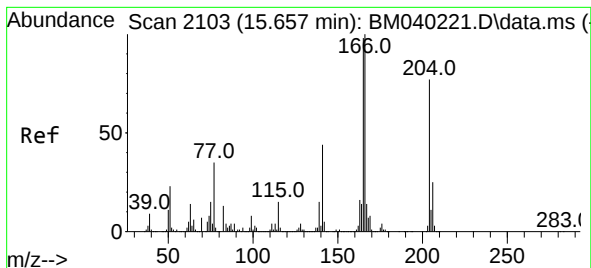
Tgt Ion:232 Resp: 399364
Ion Ratio Lower Upper
232 100
131 56.3 41.9 62.9
130 3.1 2.2 3.2
166 33.5 25.8 38.6



#60
Diethylphthalate
Concen: 42.054 ng
RT: 15.421 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:149 Resp: 1605022
Ion Ratio Lower Upper
149 100
177 20.4 17.1 25.7
150 12.0 9.8 14.8

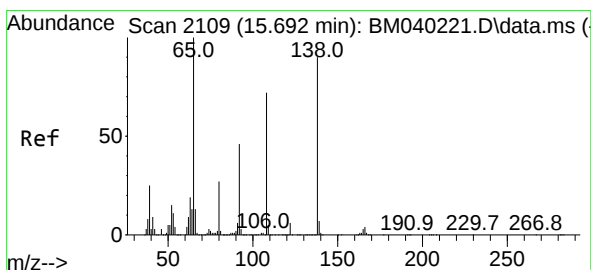
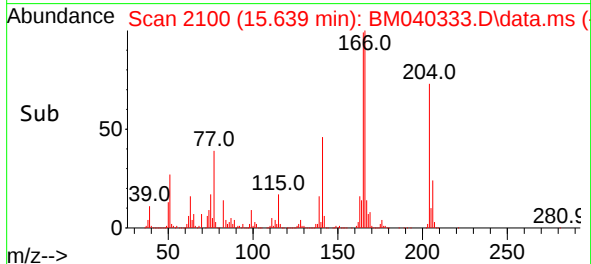
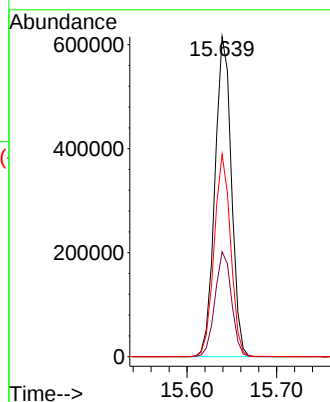
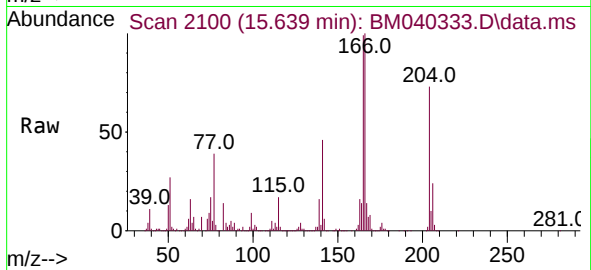




#61
4-Chlorophenyl-phenylether
Concen: 44.606 ng
RT: 15.639 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

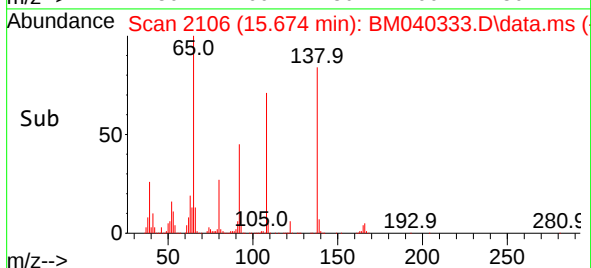
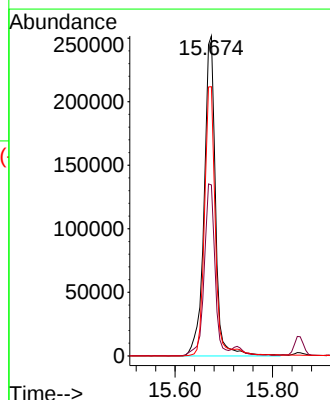
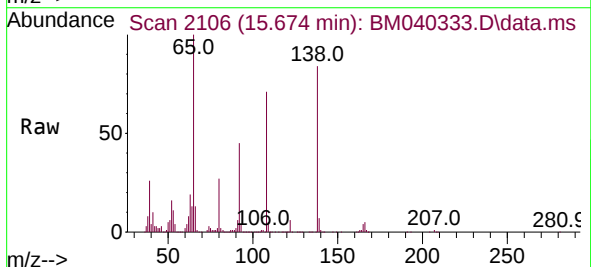
Instrument :
BNA_M
ClientSampleId :

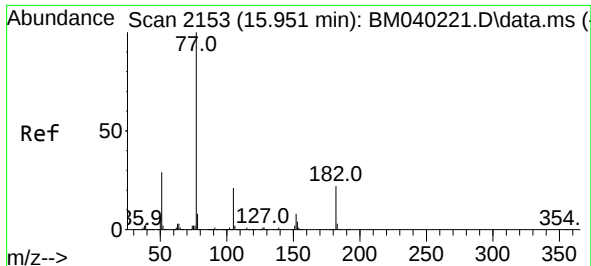
Tgt Ion:204 Resp: 784549
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 63.2 46.4 69.6



#62
4-Nitroaniline
Concen: 44.177 ng
RT: 15.674 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:138 Resp: 407581
Ion Ratio Lower Upper
138 100
92 53.4 30.9 70.9
108 84.1 60.7 100.7

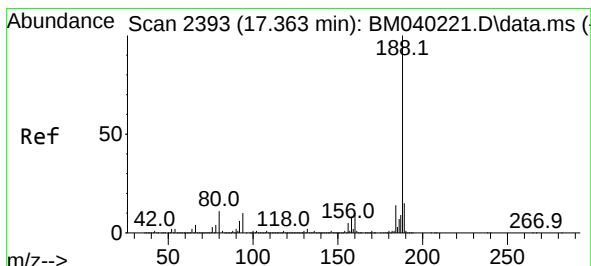
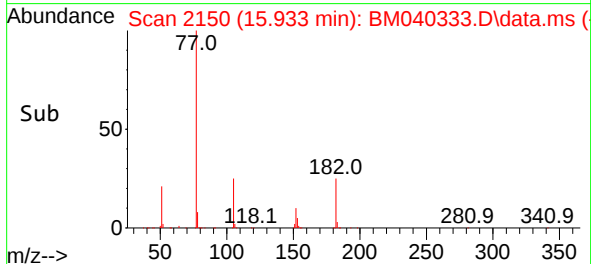
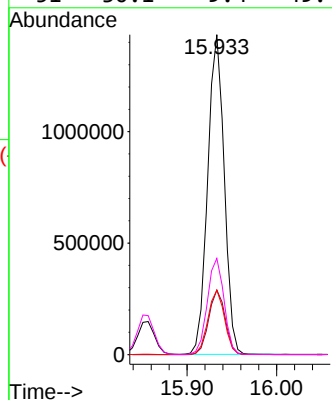
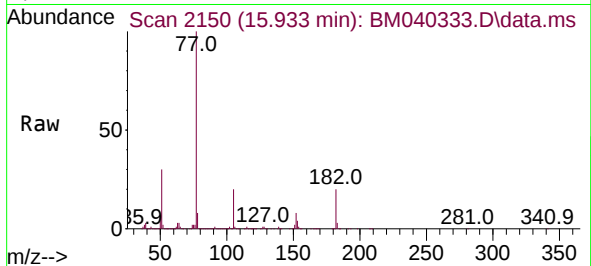




#63
Azobenzene
Concen: 48.008 ng
RT: 15.933 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

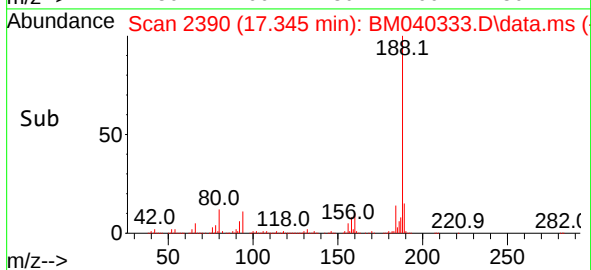
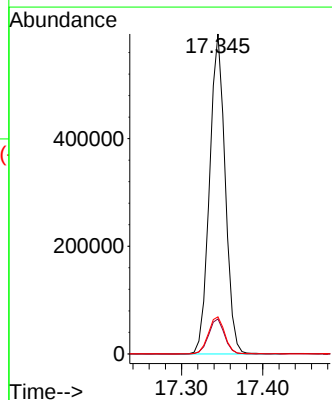
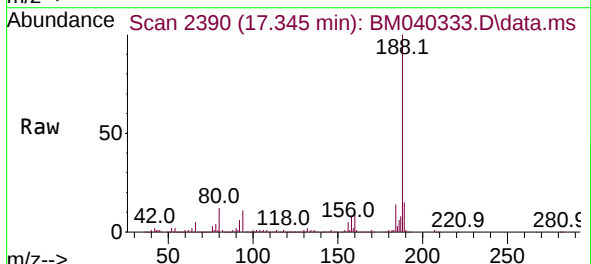
Instrument :
BNA_M
ClientSampleId :

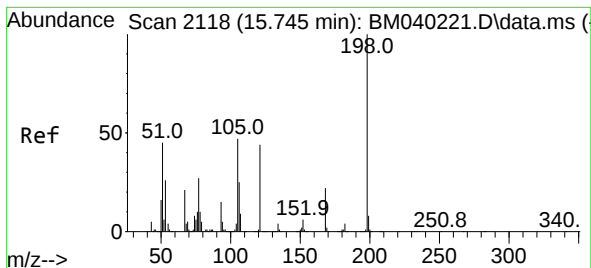
Tgt Ion: 77 Resp: 1839986
Ion Ratio Lower Upper
77 100
182 20.2 2.1 42.1
105 20.1 1.2 41.2
51 30.1 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 188 Resp: 796769
Ion Ratio Lower Upper
188 100
94 10.9 7.8 11.6
80 11.6 8.6 12.8

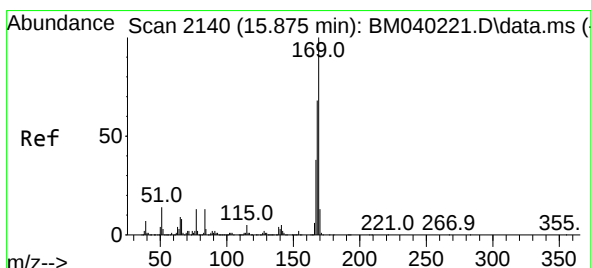
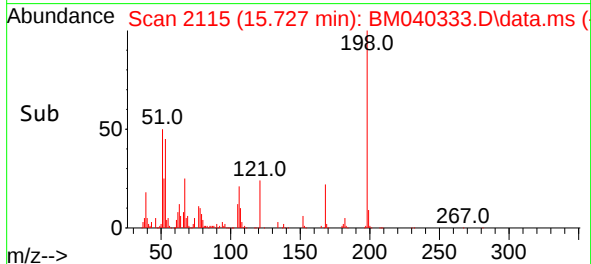
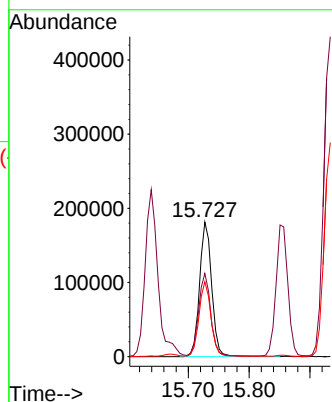
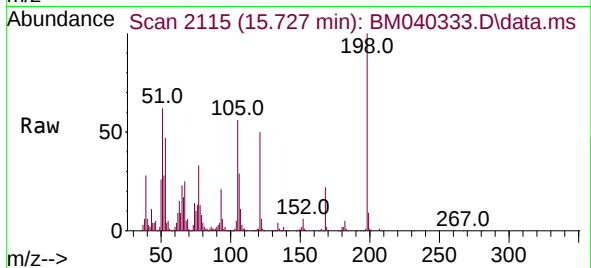




#65
4,6-Dinitro-2-methylphenol
Concen: 52.104 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

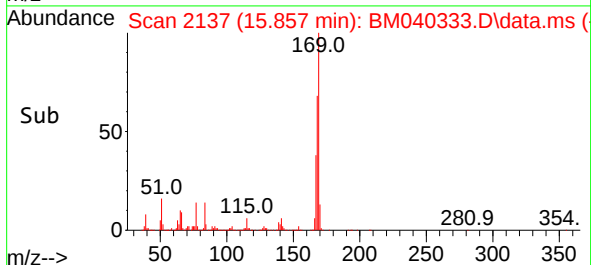
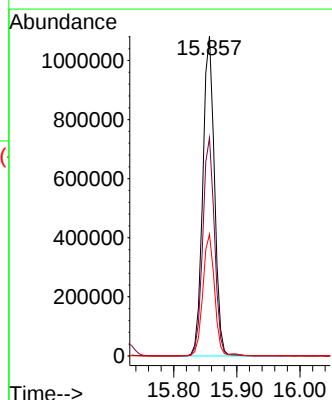
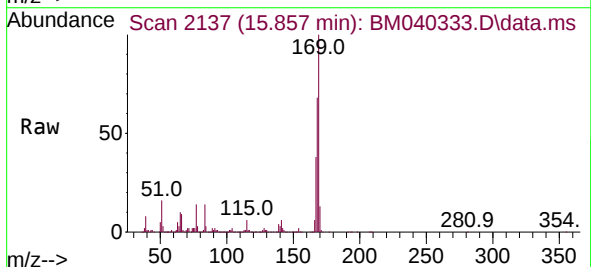
Instrument :
BNA_M
ClientSampleId :

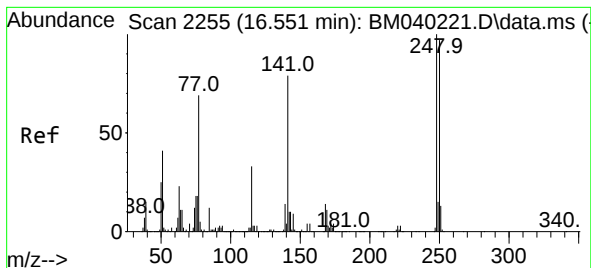
Tgt Ion:198 Resp: 248902
Ion Ratio Lower Upper
198 100
51 61.7 30.9 70.9
105 55.6 28.6 68.6



#66
n-Nitrosodiphenylamine
Concen: 54.977 ng
RT: 15.857 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:169 Resp: 1382305
Ion Ratio Lower Upper
169 100
168 68.2 54.5 81.7
167 38.0 30.3 45.5

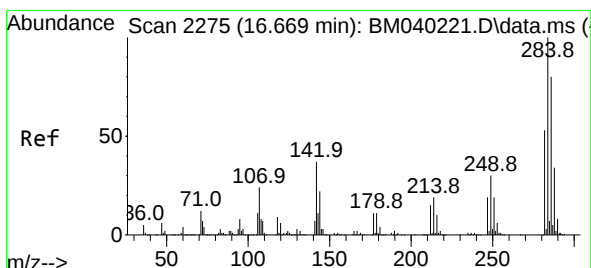
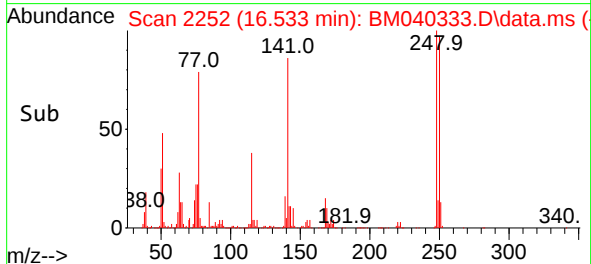
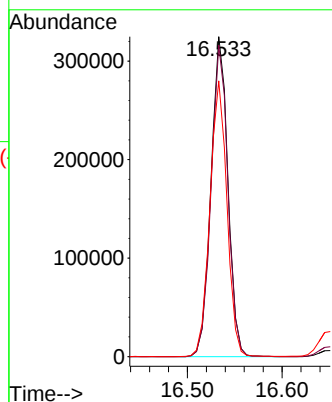
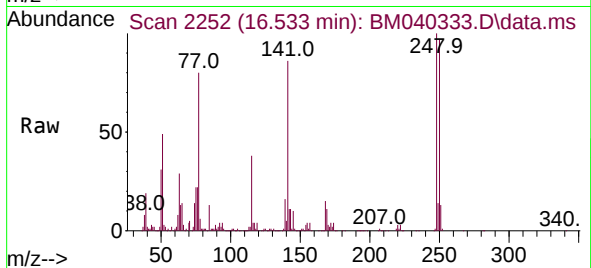




#67
4-Bromophenyl-phenylether
Concen: 48.392 ng
RT: 16.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

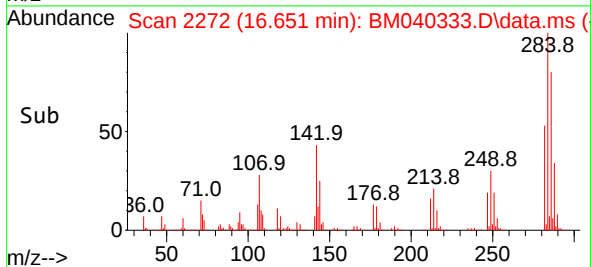
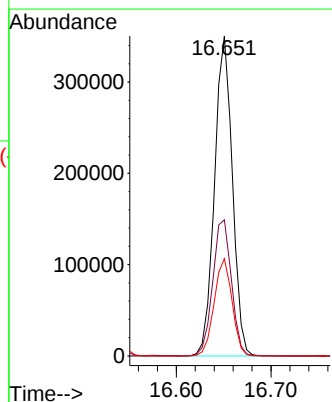
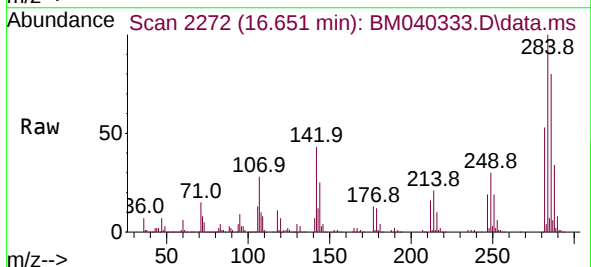
Instrument :
BNA_M
ClientSampleId :

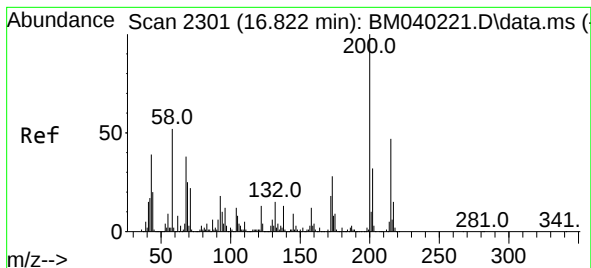
Tgt Ion:248 Resp: 403645
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 86.2 63.4 95.0



#68
Hexachlorobenzene
Concen: 49.755 ng
RT: 16.651 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:284 Resp: 458440
Ion Ratio Lower Upper
284 100
142 42.5 29.5 44.3
249 30.4 24.2 36.2





#69

Atrazine

Concen: 53.448 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

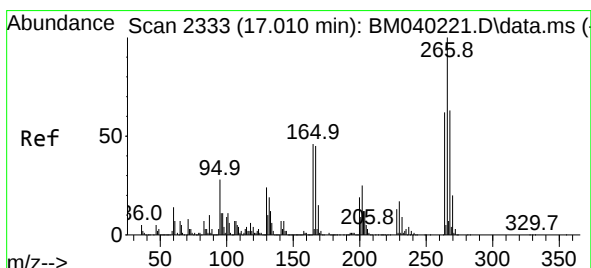
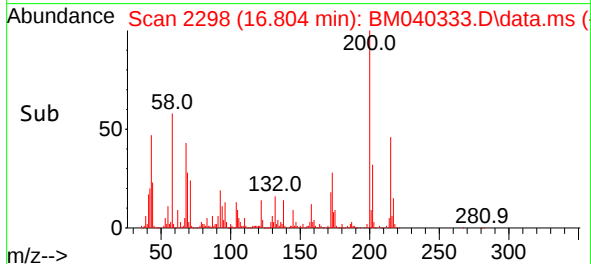
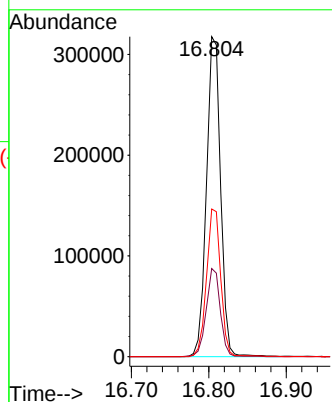
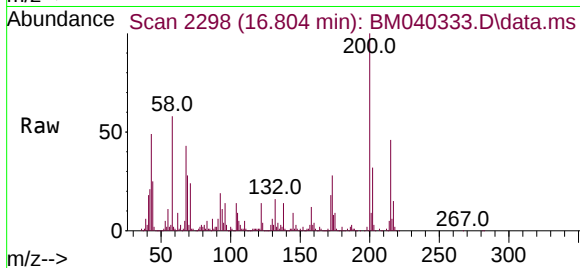
Tgt Ion:200 Resp: 402185

Ion Ratio Lower Upper

200 100

173 27.5 7.6 47.6

215 46.1 26.7 66.7



#70

Pentachlorophenol

Concen: 92.185 ng

RT: 16.998 min Scan# 2331

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

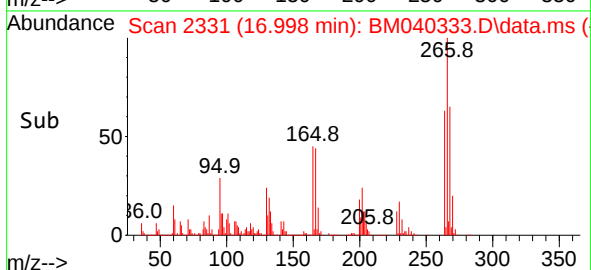
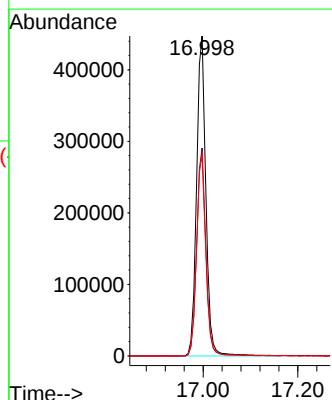
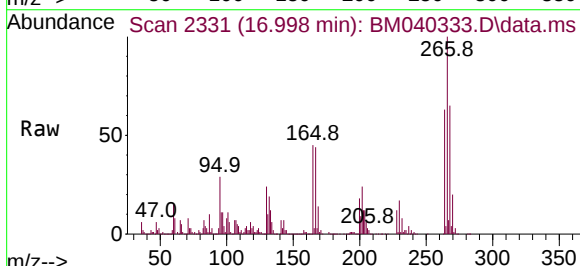
Tgt Ion:266 Resp: 608965

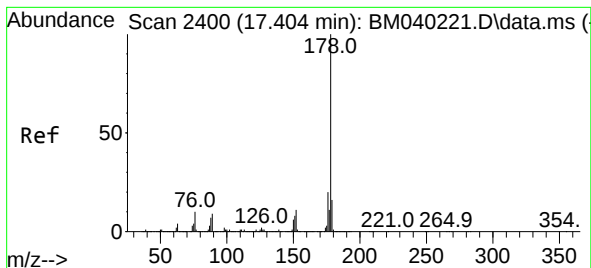
Ion Ratio Lower Upper

266 100

268 65.0 50.6 75.8

264 62.7 49.8 74.8





#71

Phenanthrene

Concen: 52.387 ng

RT: 17.386 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

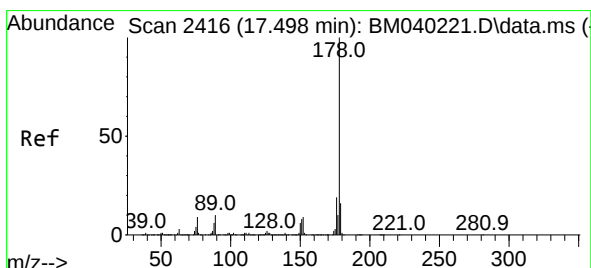
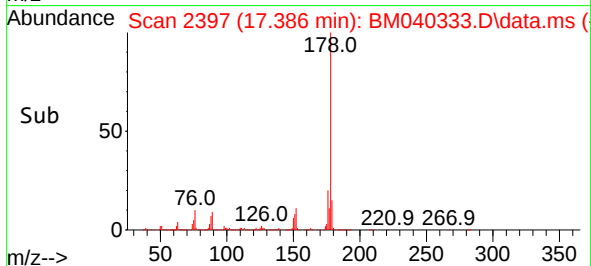
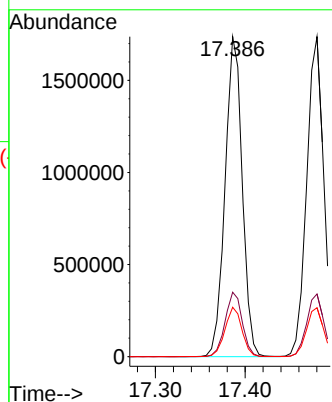
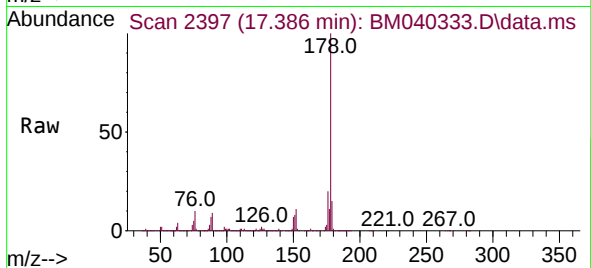
Tgt Ion:178 Resp: 2322668

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 15.4 12.6 18.8



#72

Anthracene

Concen: 51.614 ng

RT: 17.480 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

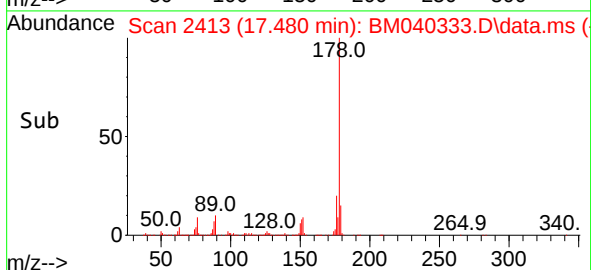
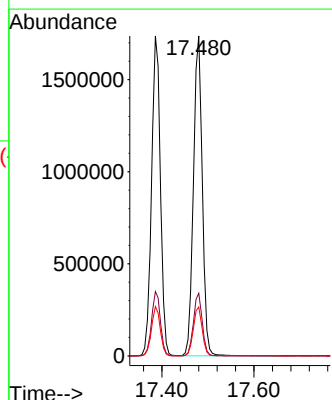
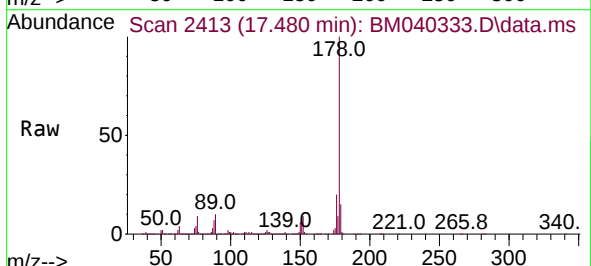
Tgt Ion:178 Resp: 2310782

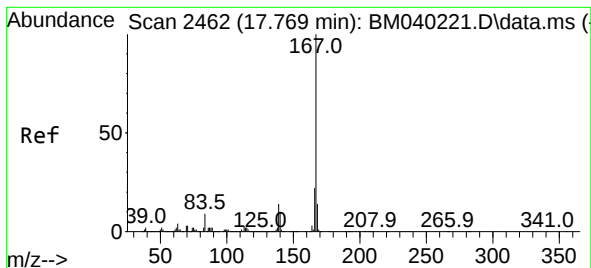
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.3 12.4 18.6





#73

Carbazole

Concen: 51.491 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

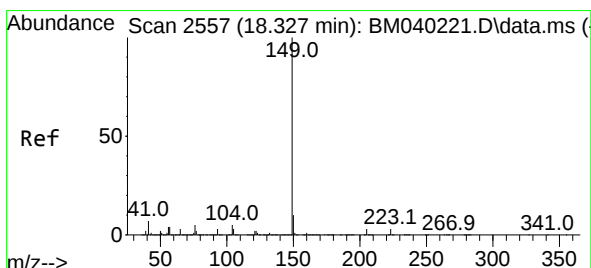
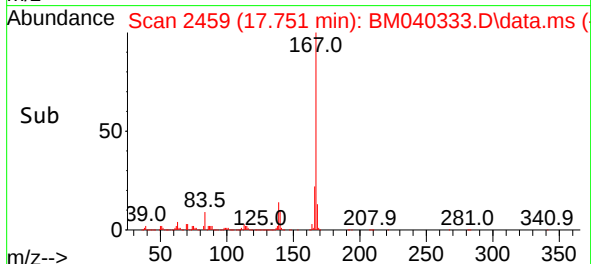
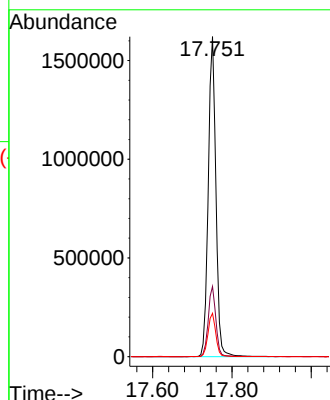
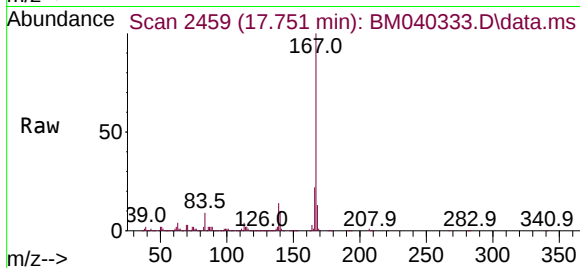
Tgt Ion:167 Resp: 2168970

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 44.229 ng

RT: 18.309 min Scan# 2554

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

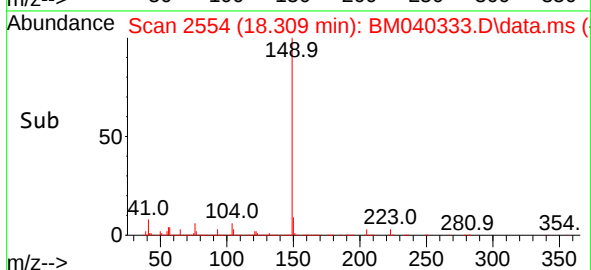
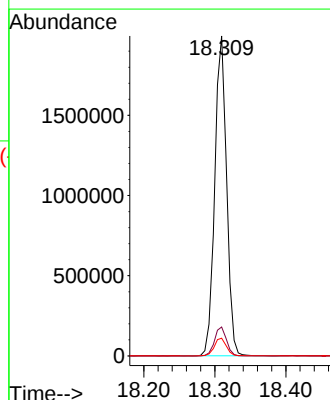
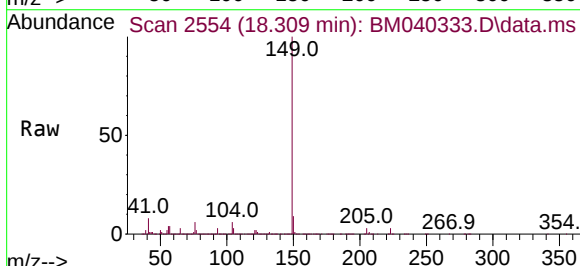
Tgt Ion:149 Resp: 2310794

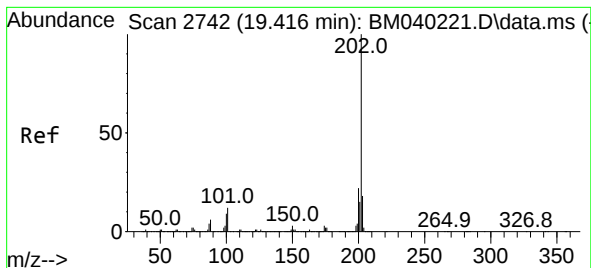
Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 44.882 ng

RT: 19.398 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

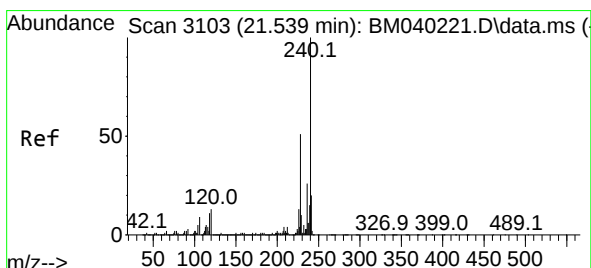
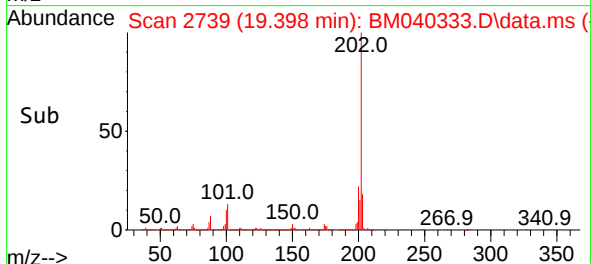
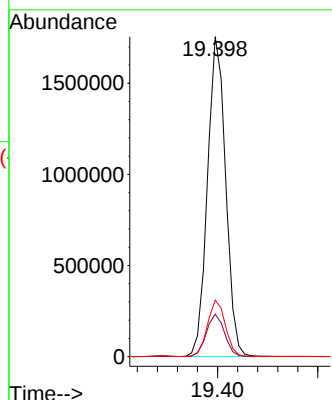
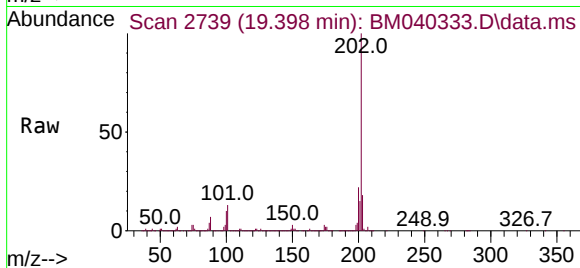
Tgt Ion:202 Resp: 2205527

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.5

203 17.7 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: BM040333.D

Acq: 21 Jun 2023 13:52

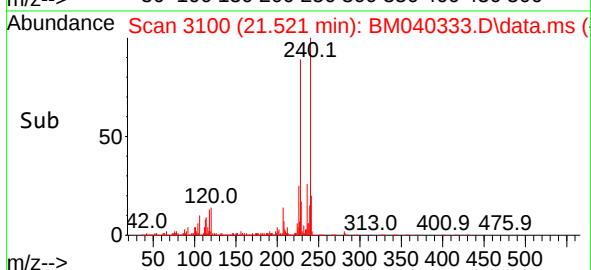
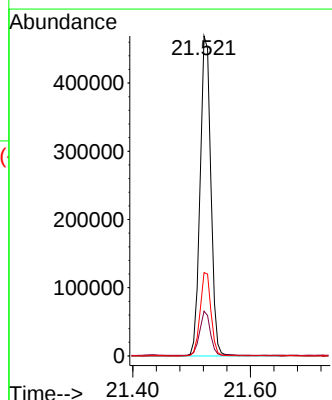
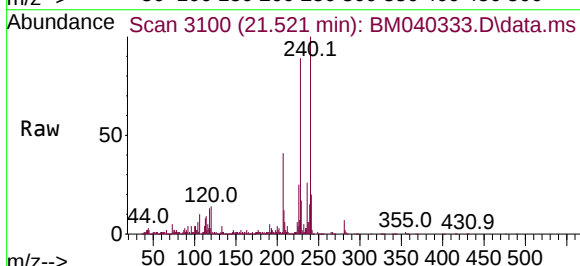
Tgt Ion:240 Resp: 593466

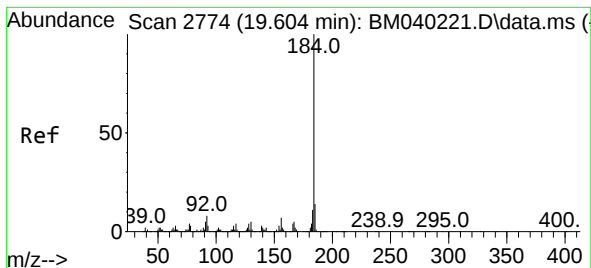
Ion Ratio Lower Upper

240 100

120 14.0 10.1 15.1

236 26.0 21.0 31.4





#77

Benzidine

Concen: 67.845 ng

RT: 19.586 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

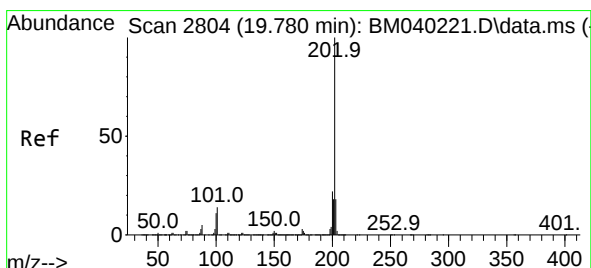
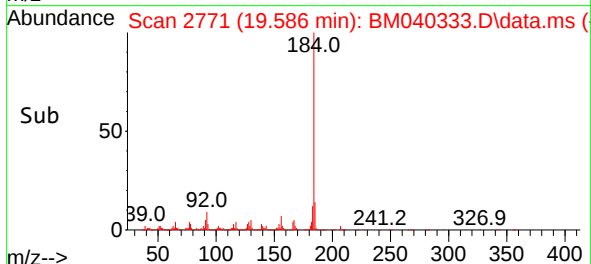
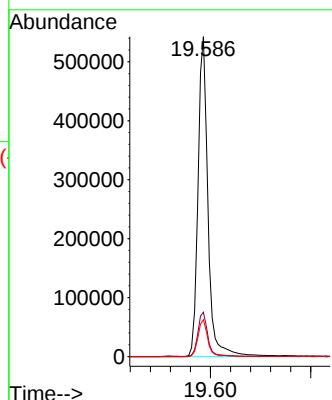
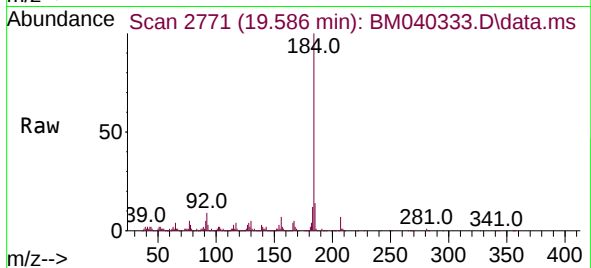
Tgt Ion:184 Resp: 747734

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 11.5 9.2 13.8



#78

Pyrene

Concen: 57.004 ng

RT: 19.762 min Scan# 2801

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

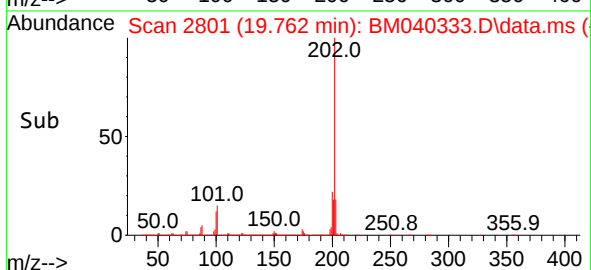
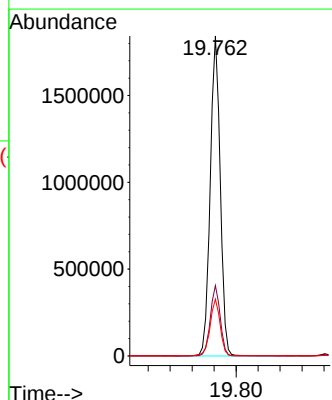
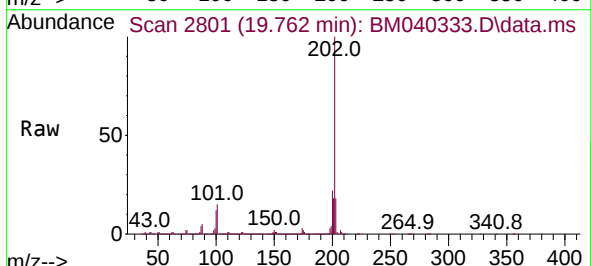
Tgt Ion:202 Resp: 2320590

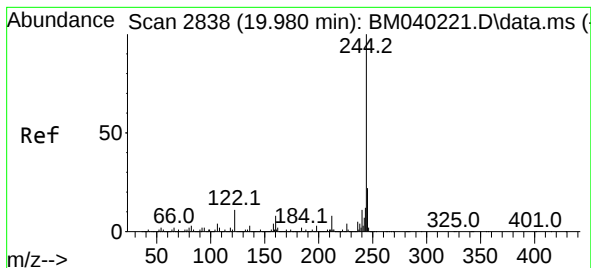
Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 122.249 ng

RT: 19.962 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

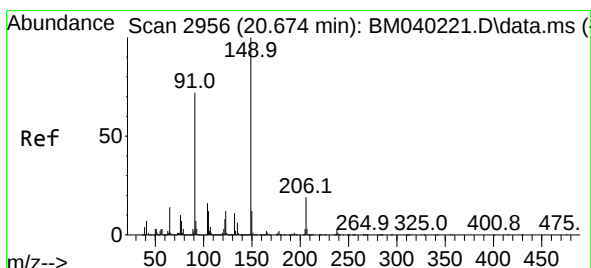
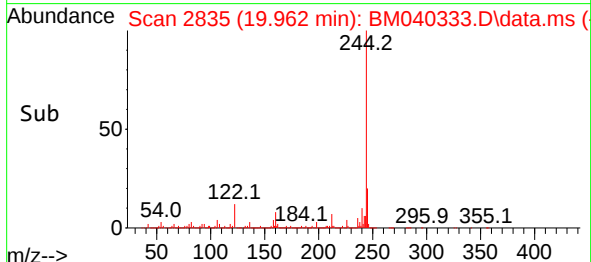
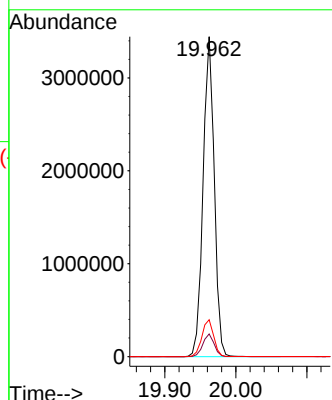
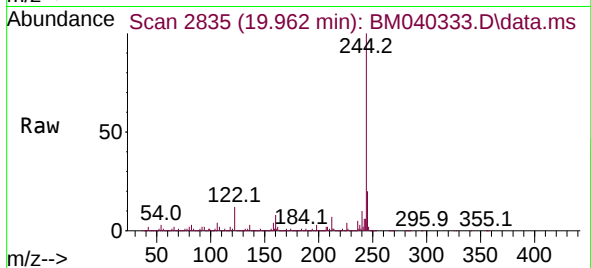
Tgt Ion:244 Resp: 3733804

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 11.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 48.787 ng

RT: 20.656 min Scan# 2953

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

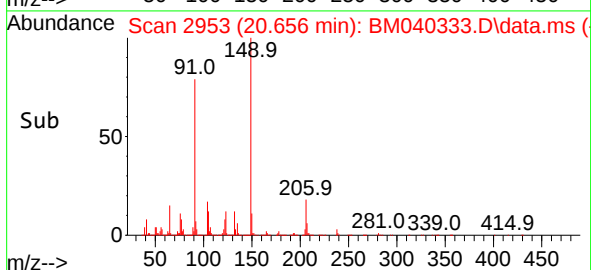
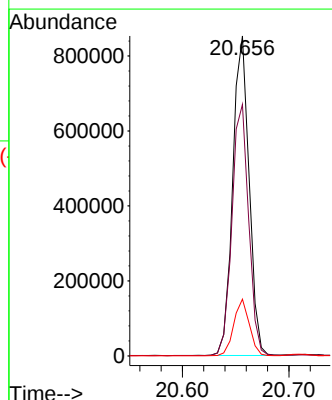
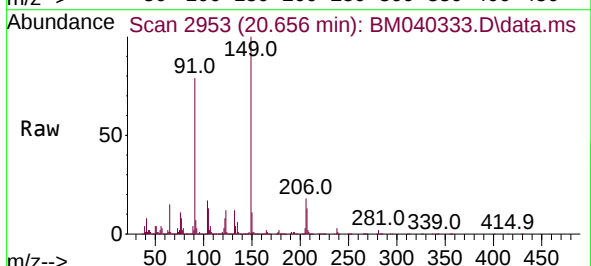
Tgt Ion:149 Resp: 909639

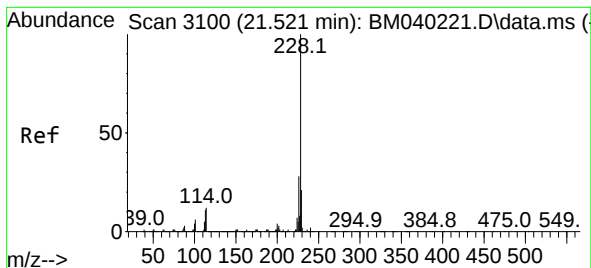
Ion Ratio Lower Upper

149 100

91 78.6 58.0 87.0

206 17.7 15.5 23.3





#81

Benzo(a)anthracene

Concen: 49.691 ng

RT: 21.509 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

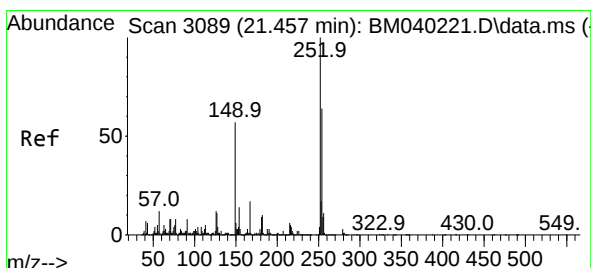
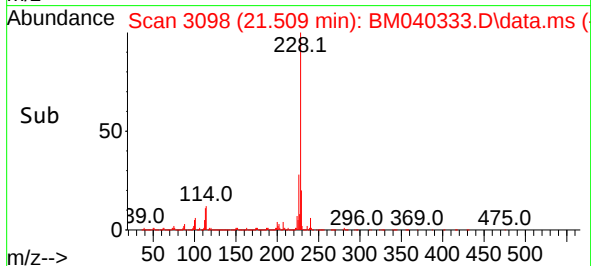
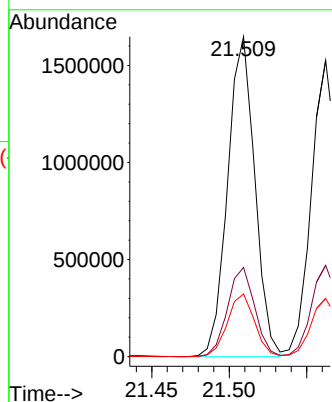
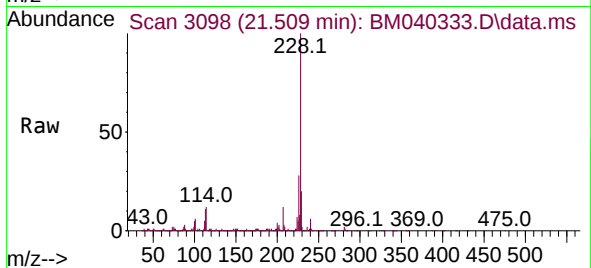
Tgt Ion:228 Resp: 2009122

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 19.6 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 28.780 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

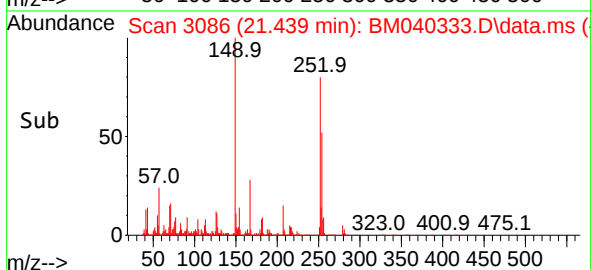
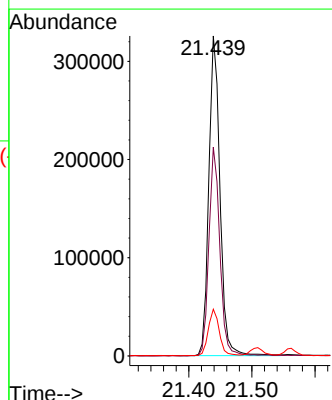
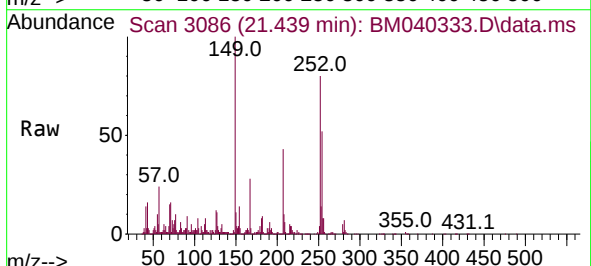
Tgt Ion:252 Resp: 398514

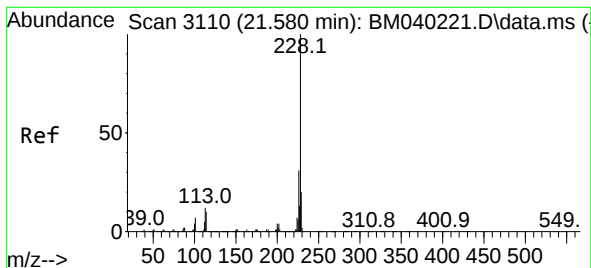
Ion Ratio Lower Upper

252 100

254 65.2 51.6 77.4

126 14.6 9.4 14.0#





#83

Chrysene

Concen: 48.401 ng

RT: 21.562 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

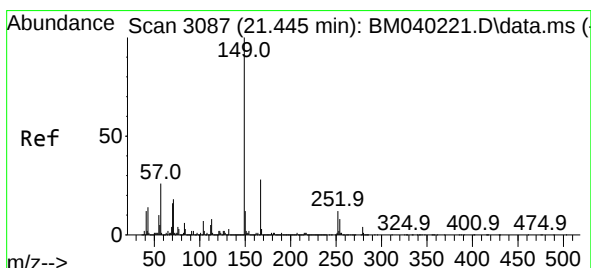
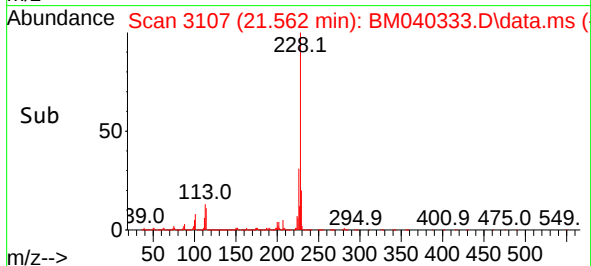
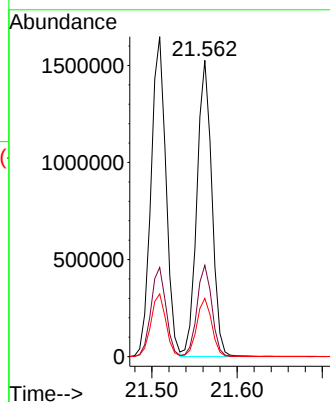
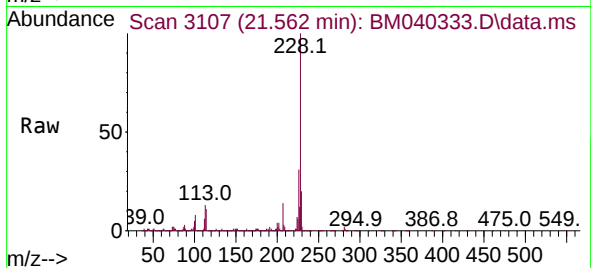
Tgt Ion:228 Resp: 1851819

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 19.6 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.769 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

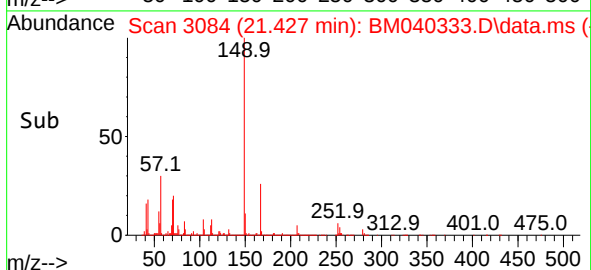
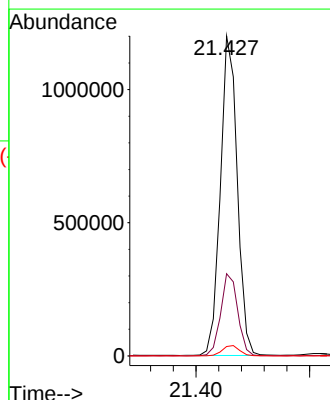
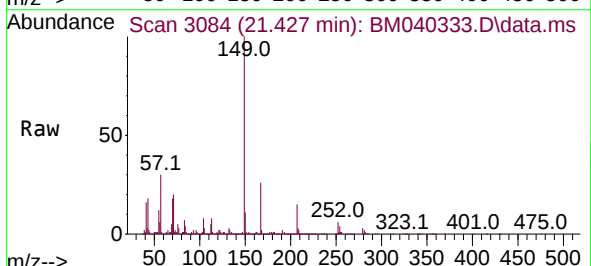
Tgt Ion:149 Resp: 1235031

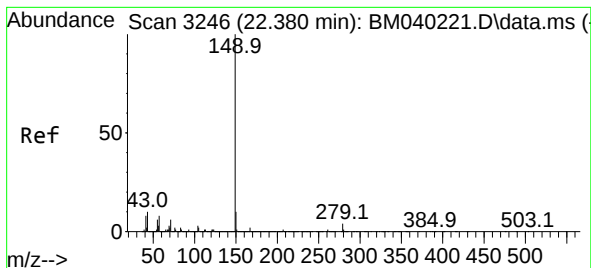
Ion Ratio Lower Upper

149 100

167 25.7 22.2 33.4

279 2.9 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 43.133 ng

RT: 22.362 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :

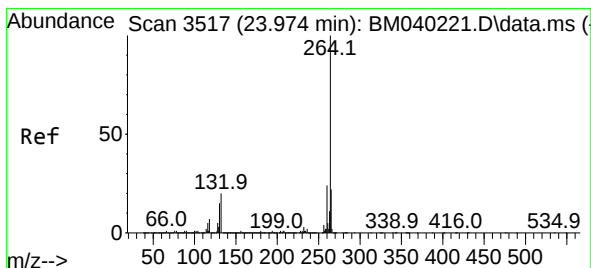
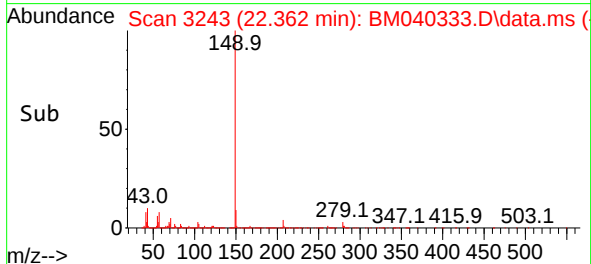
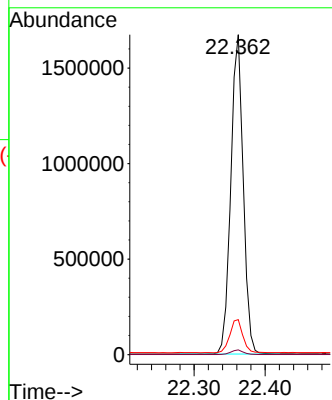
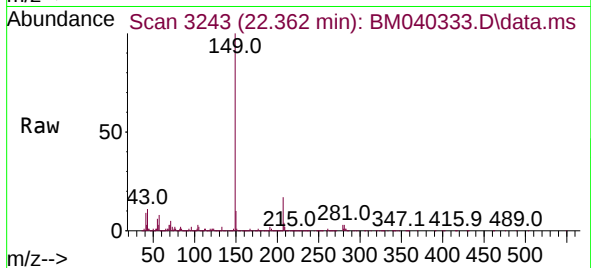
Tgt Ion:149 Resp: 2032963

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 10.8 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3512

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

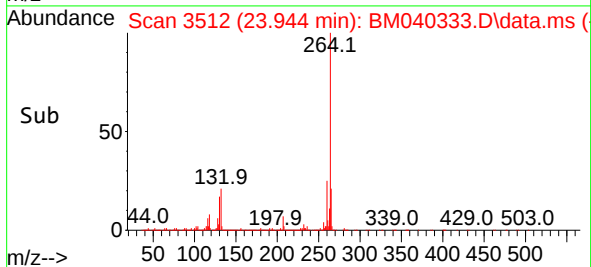
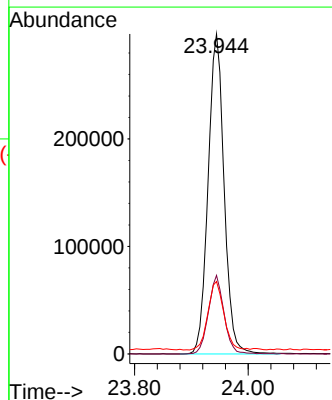
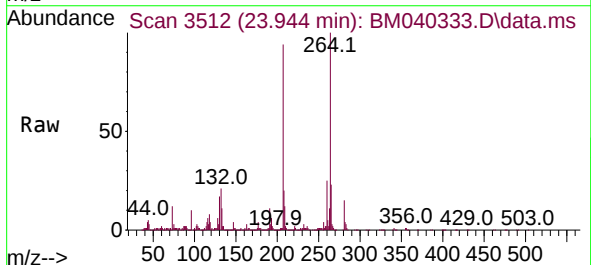
Tgt Ion:264 Resp: 584158

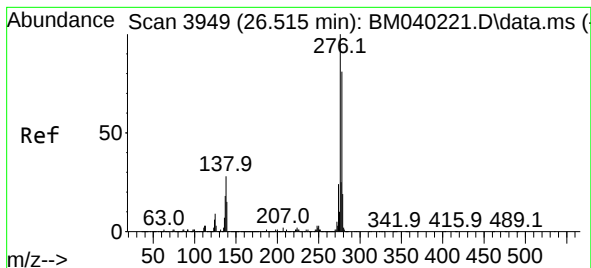
Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 22.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.960 ng

RT: 26.468 min Scan# 3949

Delta R.T. -0.000 min

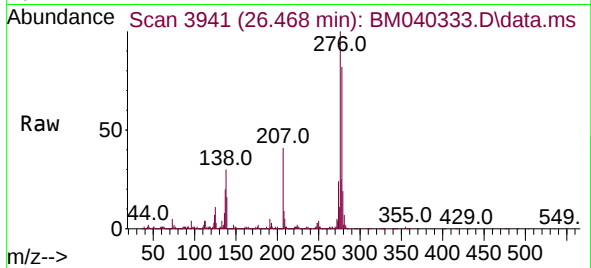
Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :



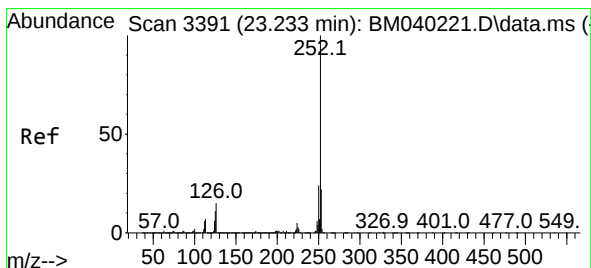
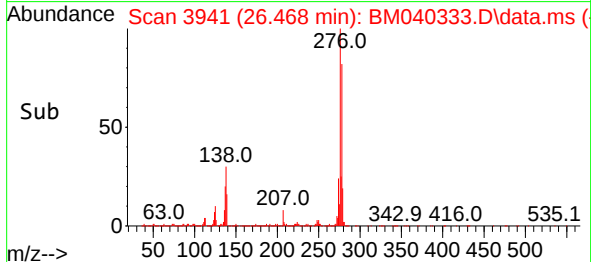
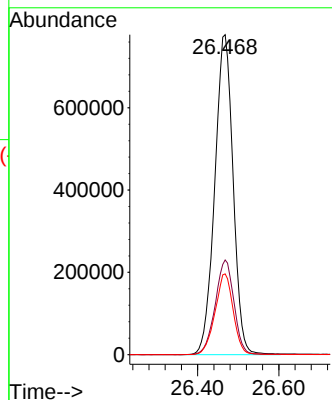
Tgt Ion:276 Resp: 2436199

Ion Ratio Lower Upper

276 100

138 30.3 22.7 34.1

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 55.906 ng

RT: 23.209 min Scan# 3387

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

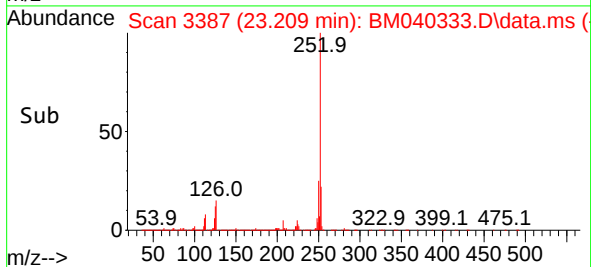
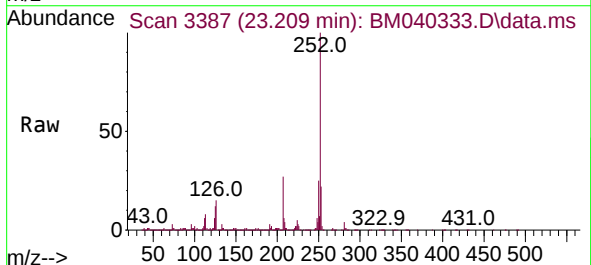
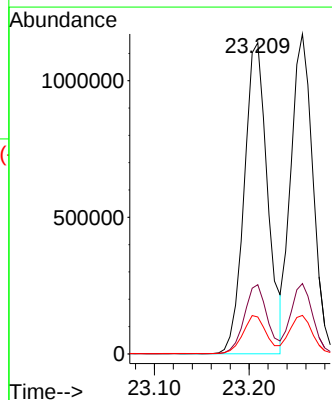
Tgt Ion:252 Resp: 1954778

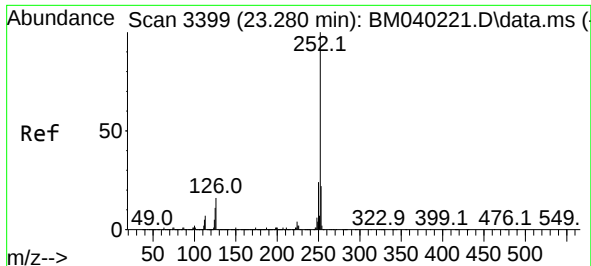
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 11.9 8.8 13.2

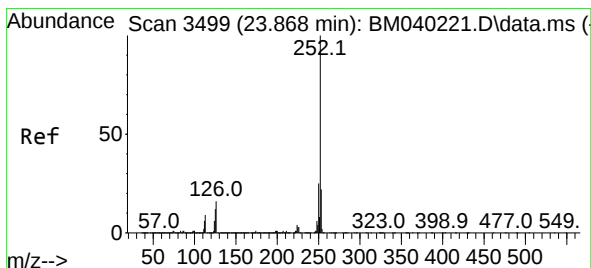
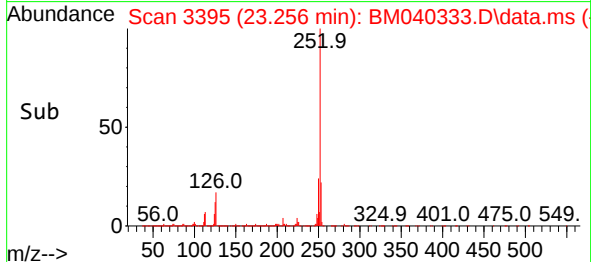
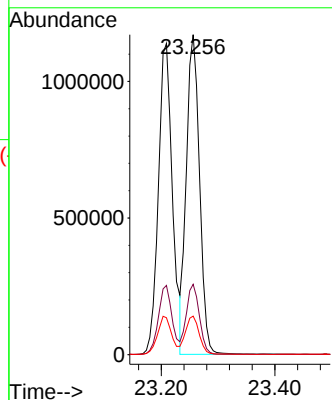
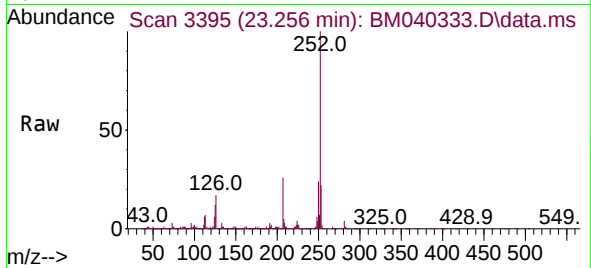




#89
Benzo(k)fluoranthene
Concen: 52.618 ng
RT: 23.256 min Scan# 3399
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

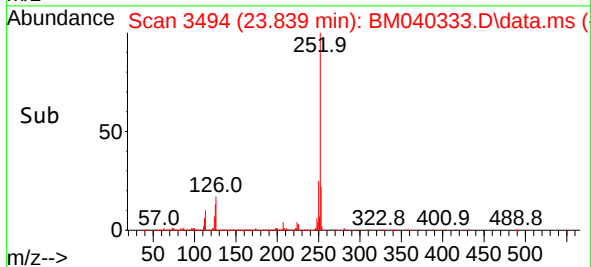
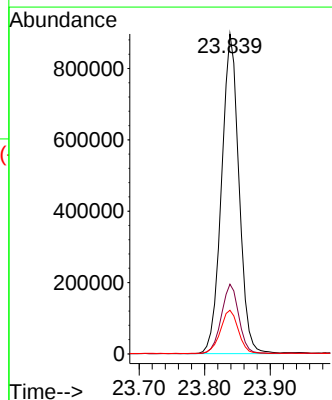
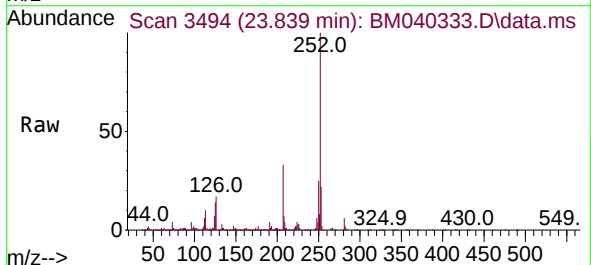
Instrument :
BNA_M
ClientSampleId :

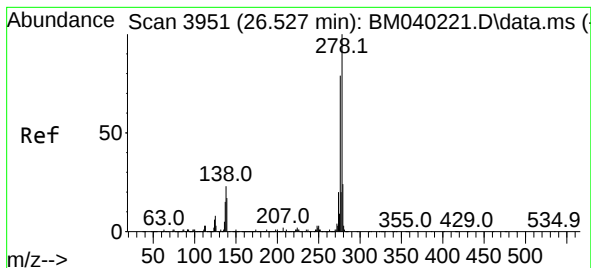
Tgt Ion:252 Resp: 1892123
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 12.0 9.1 13.7



#90
Benzo(a)pyrene
Concen: 50.037 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.000 min
Lab File: BM040333.D
Acq: 21 Jun 2023 13:52

Tgt Ion:252 Resp: 1659678
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 13.6 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 61.814 ng

RT: 26.480 min Scan# 39

Delta R.T. -0.000 min

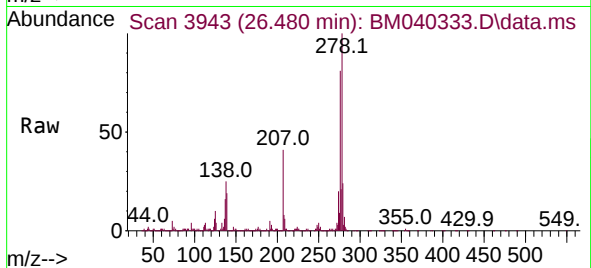
Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Instrument :

BNA_M

ClientSampleId :



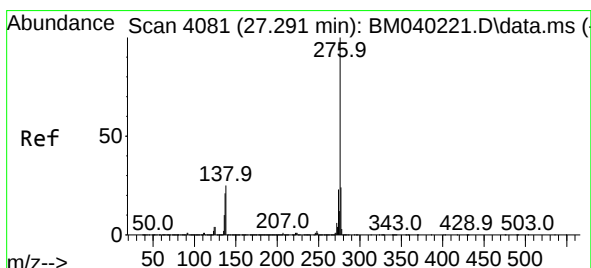
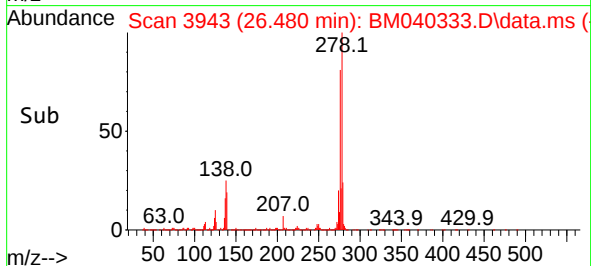
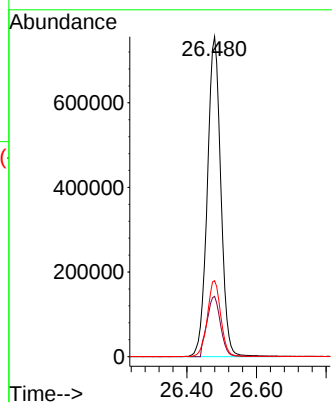
Tgt Ion:278 Resp: 2034106

Ion Ratio Lower Upper

278 100

139 18.8 13.8 20.6

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 66.031 ng

RT: 27.238 min Scan# 4072

Delta R.T. -0.000 min

Lab File: BM040333.D

Acq: 21 Jun 2023 13:52

Tgt Ion:276 Resp: 1944761

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 26.4 19.8 29.6

