

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039159.D
 Acq On : 27 Mar 2023 13:31
 Operator : CG/JU
 Sample : PB151521BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151521BSD

Quant Time: Mar 28 01:48:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	290868	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1208861	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	657500	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1201805	20.000	ng	0.00
76) Chrysene-d12	21.515	240	851363	20.000	ng	0.00
86) Perylene-d12	23.939	264	847376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1967585	102.773	ng	0.00
7) Phenol-d6	7.116	99	2467038	99.208	ng	0.00
23) Nitrobenzene-d5	9.116	82	2253426	91.566	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	694970	91.369	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	4442178	87.952	ng	0.00
79) Terphenyl-d14	19.956	244	4858156	104.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	301111	35.353	ng	99
3) Pyridine	3.775	79	806876	34.159	ng	98
4) n-Nitrosodimethylamine	3.687	42	401242	41.743	ng	94
6) Aniline	7.269	93	1226054	37.550	ng	99
8) 2-Chlorophenol	7.510	128	1018907	49.990	ng	98
9) Benzaldehyde	7.081	77	665204	56.214	ng	98
10) Phenol	7.140	94	1317215	49.880	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	964768	44.935	ng	99
12) 1,3-Dichlorobenzene	7.834	146	1011594	46.702	ng	98
13) 1,4-Dichlorobenzene	7.981	146	1033613	46.919	ng	98
14) 1,2-Dichlorobenzene	8.298	146	1005056	47.363	ng	99
15) Benzyl Alcohol	8.193	79	873838	49.026	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.481	45	1237250	45.629	ng	100
17) 2-Methylphenol	8.398	107	851541	46.941	ng	99
18) Hexachloroethane	9.028	117	390929	48.097	ng	96
19) n-Nitroso-di-n-propyla...	8.763	70	742628	47.412	ng	98
20) 3+4-Methylphenols	8.728	107	1144912	47.267	ng	99
22) Acetophenone	8.775	105	1497280	44.146	ng	99
24) Nitrobenzene	9.157	77	1112121	42.995	ng	98
25) Isophorone	9.687	82	1979772	43.716	ng	100
26) 2-Nitrophenol	9.869	139	532679	46.724	ng	95
27) 2,4-Dimethylphenol	9.934	122	917629	46.503	ng	98
28) bis(2-Chloroethoxy)met...	10.169	93	1243547	42.736	ng	99
29) 2,4-Dichlorophenol	10.410	162	879212	46.996	ng	99
30) 1,2,4-Trichlorobenzene	10.622	180	900818	44.063	ng	98
31) Naphthalene	10.810	128	2911904	42.243	ng	99
32) Benzoic acid	10.087	122	702922	48.485	ng	98
33) 4-Chloroaniline	10.922	127	392836	13.373	ng	99
34) Hexachlorobutadiene	11.092	225	504326	43.018	ng	98
35) Caprolactam	11.722	113	270765	47.553	ng	94
36) 4-Chloro-3-methylphenol	12.051	107	905227	45.440	ng	99
37) 2-Methylnaphthalene	12.416	142	1896840	41.056	ng	99
38) 1-Methylnaphthalene	12.633	142	1787148	41.277	ng	100
40) 1,2,4,5-Tetrachloroben...	12.786	216	956395	44.744	ng	99
41) Hexachlorocyclopentadiene	12.763	237	1124923	95.878	ng	99
43) 2,4,6-Trichlorophenol	13.028	196	653737	47.230	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039159.D
 Acq On : 27 Mar 2023 13:31
 Operator : CG/JU
 Sample : PB151521BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151521BSD

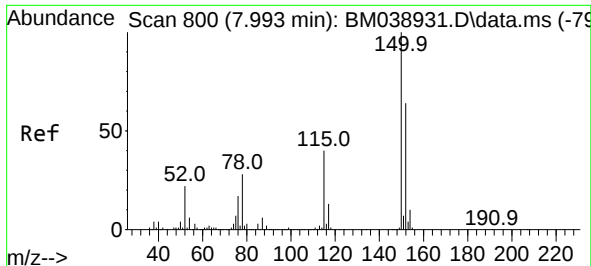
Quant Time: Mar 28 01:48:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	697558	43.055	ng	97
46) 1,1'-Biphenyl	13.428	154	2453596	44.049	ng	99
47) 2-Chloronaphthalene	13.469	162	1891938	45.043	ng	99
48) 2-Nitroaniline	13.675	65	582258	43.514	ng	94
49) Acenaphthylene	14.310	152	2932544	43.832	ng	99
50) Dimethylphthalate	14.051	163	2124779	41.997	ng	100
51) 2,6-Dinitrotoluene	14.169	165	476636	42.762	ng	98
52) Acenaphthene	14.657	154	1736405	42.230	ng	100
53) 3-Nitroaniline	14.498	138	296439	23.502	ng	97
54) 2,4-Dinitrophenol	14.704	184	624032	95.927	ng	93
55) Dibenzofuran	14.986	168	2691229	41.827	ng	99
56) 4-Nitrophenol	14.810	139	901564	89.724	ng	99
57) 2,4-Dinitrotoluene	14.957	165	635443	43.363	ng	97
58) Fluorene	15.639	166	2120420	42.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.216	232	562560	45.023	ng	97
60) Diethylphthalate	15.410	149	2051944	41.682	ng	99
61) 4-Chlorophenyl-phenyle...	15.627	204	1024602	41.380	ng	99
62) 4-Nitroaniline	15.663	138	494745	37.556	ng	98
63) Azobenzene	15.921	77	2178509	41.823	ng	98
65) 4,6-Dinitro-2-methylph...	15.716	198	362782	46.153	ng	99
66) n-Nitrosodiphenylamine	15.845	169	1791673	44.222	ng	100
67) 4-Bromophenyl-phenylether	16.521	248	583820	44.976	ng	97
68) Hexachlorobenzene	16.639	284	676734	46.635	ng	98
69) Atrazine	16.798	200	546562	49.389	ng	98
70) Pentachlorophenol	16.986	266	872901	81.786	ng	99
71) Phenanthrene	17.380	178	3013573	42.725	ng	99
72) Anthracene	17.468	178	3079195	43.775	ng	100
73) Carbazole	17.739	167	2771574	43.173	ng	100
74) Di-n-butylphthalate	18.304	149	3132059	40.300	ng	99
75) Fluoranthene	19.392	202	2985897	40.093	ng	99
77) Benzidine	19.580	184	1425658	70.877	ng	98
78) Pyrene	19.757	202	3132200	48.983	ng	99
80) Butylbenzylphthalate	20.651	149	1241415	45.820	ng	97
81) Benzo(a)anthracene	21.498	228	2723310	44.418	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	751165	39.864	ng	99
83) Chrysene	21.556	228	2537944	42.561	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	1700725	43.507	ng	100
85) Di-n-octyl phthalate	22.356	149	2816251	43.551	ng	98
87) Indeno(1,2,3-cd)pyrene	26.462	276	2979057	46.202	ng	100
88) Benzo(b)fluoranthene	23.197	252	2547530	47.058	ng	100
89) Benzo(k)fluoranthene	23.250	252	2553218	45.319	ng	99
90) Benzo(a)pyrene	23.833	252	2256151	43.303	ng	99
91) Dibenzo(a,h)anthracene	26.480	278	2492550	45.646	ng	99
92) Benzo(g,h,i)perylene	27.238	276	2464971	46.140	ng	99

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

Quant Time: Mar 28 01:48:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 01:46:09 2023
Response via : Initial Calibration

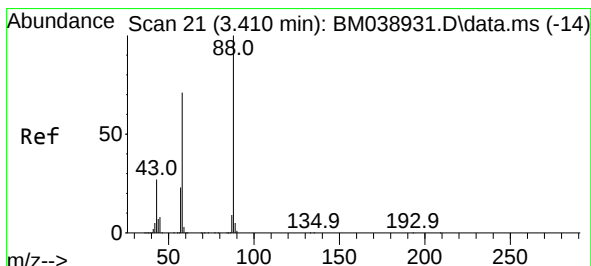
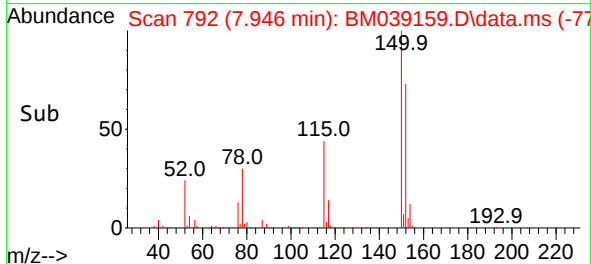
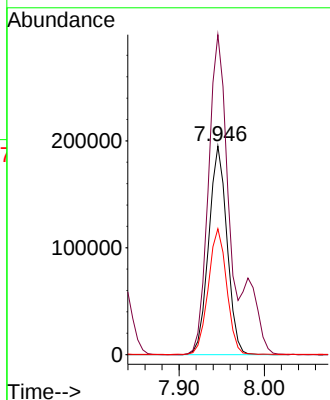
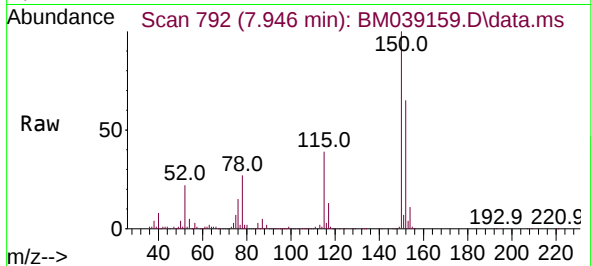




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 79
Delta R.T. 0.001 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

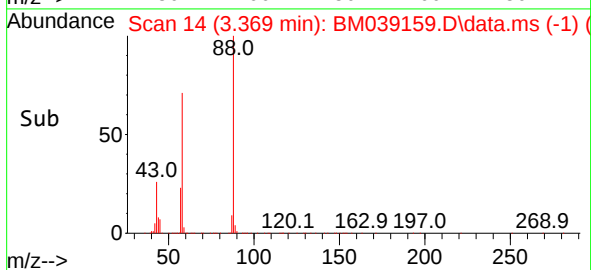
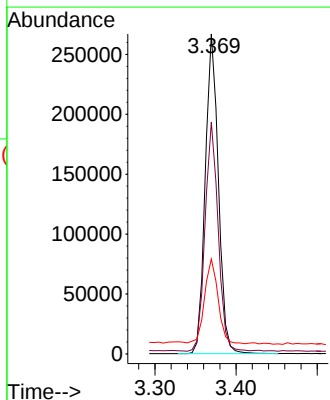
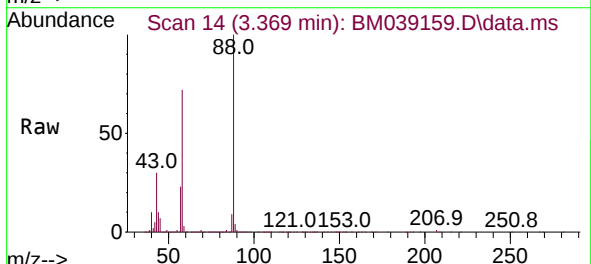
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

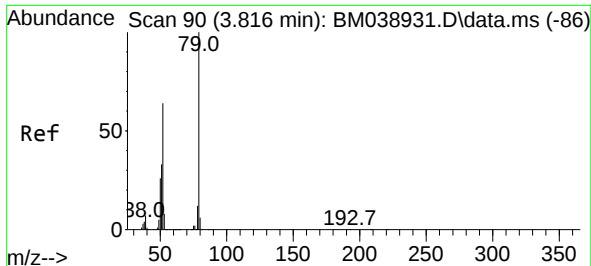
Tgt Ion:152 Resp: 290868
Ion Ratio Lower Upper
152 100
150 153.5 125.1 187.7
115 60.4 49.6 74.4



#2
1,4-Dioxane
Concen: 35.353 ng
RT: 3.369 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion: 88 Resp: 301111
Ion Ratio Lower Upper
88 100
58 71.8 57.2 85.8
43 26.9 22.0 33.0

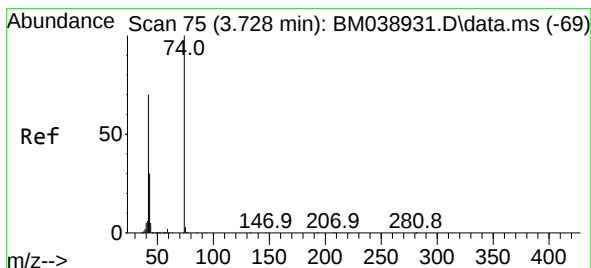
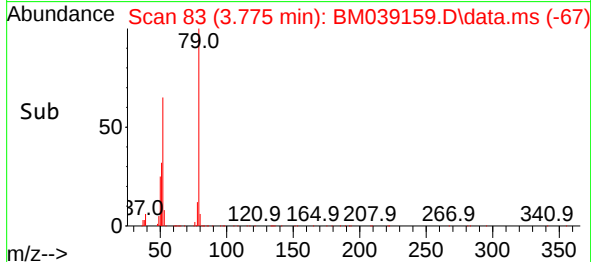
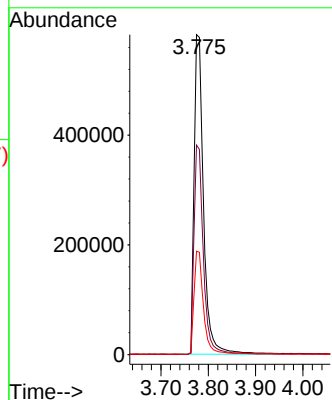
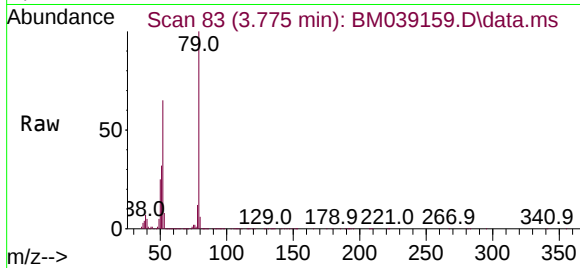




#3
 Pyridine
 Concen: 34.159 ng
 RT: 3.775 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM039159.D
 Acq: 27 Mar 2023 13:31

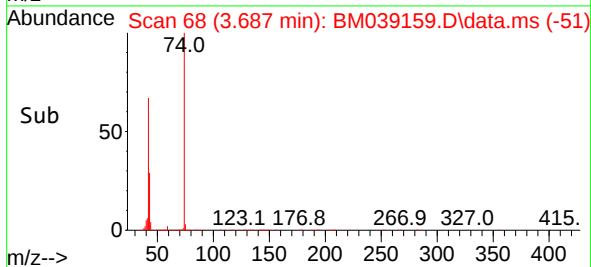
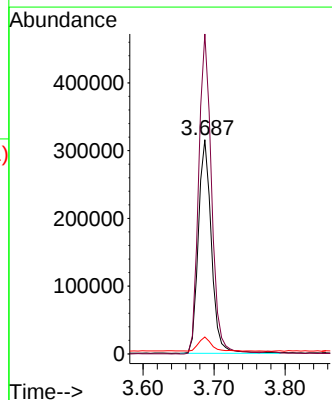
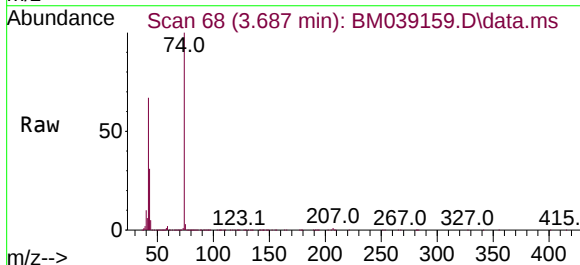
Instrument :
 BNA_M
 ClientSampleId :
 PB151521BSD

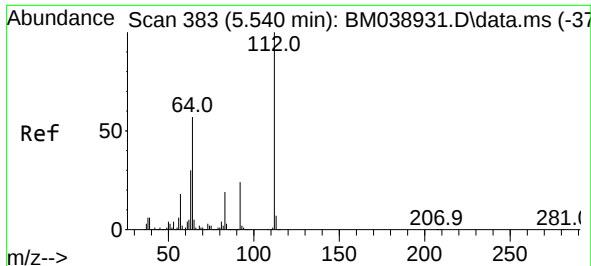
Tgt Ion: 79 Resp: 806876
 Ion Ratio Lower Upper
 79 100
 52 65.5 51.4 77.2
 51 32.3 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 41.743 ng
 RT: 3.687 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BM039159.D
 Acq: 27 Mar 2023 13:31

Tgt Ion: 42 Resp: 401242
 Ion Ratio Lower Upper
 42 100
 74 149.4 113.8 170.8
 44 7.9 6.2 9.2

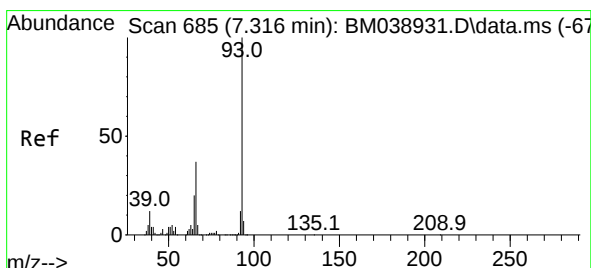
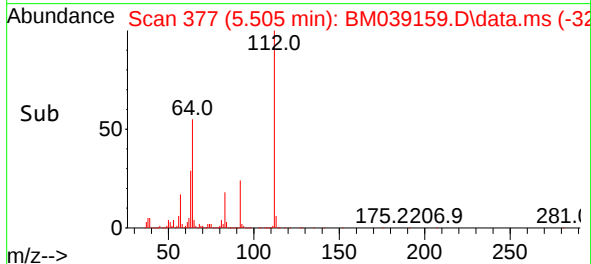
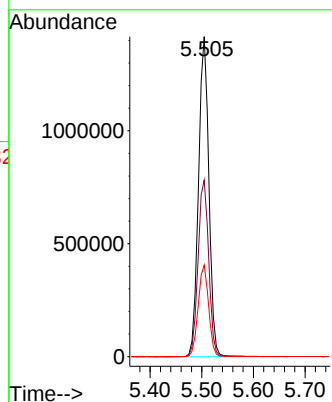
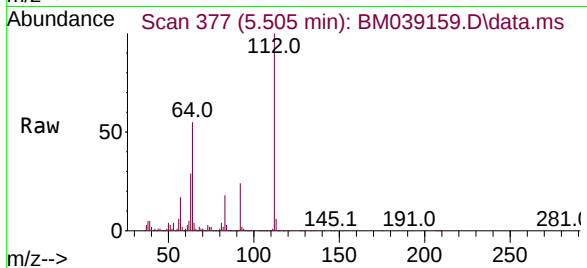




#5
2-Fluorophenol
Concen: 102.773 ng
RT: 5.505 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

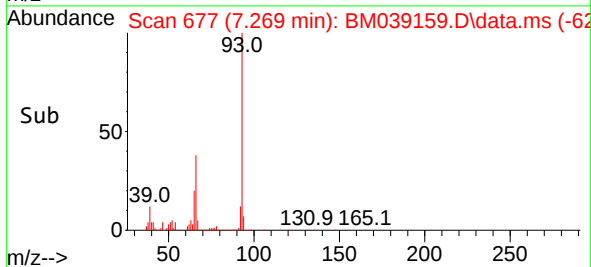
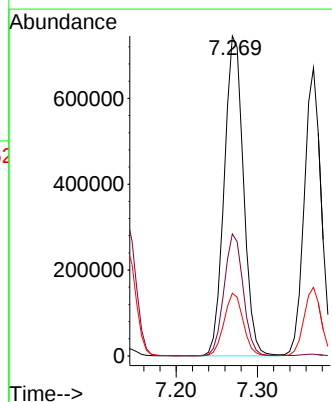
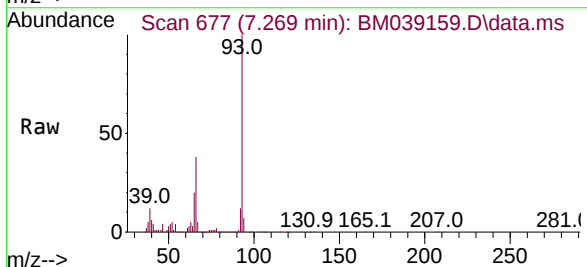
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

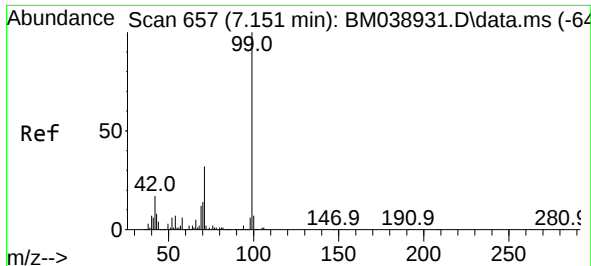
Tgt Ion:112 Resp: 1967585
Ion Ratio Lower Upper
112 100
64 55.2 45.9 68.9
63 28.6 23.8 35.8



#6
Aniline
Concen: 37.550 ng
RT: 7.269 min Scan# 677
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion: 93 Resp: 1226054
Ion Ratio Lower Upper
93 100
66 38.1 30.0 45.0
65 19.6 15.8 23.6



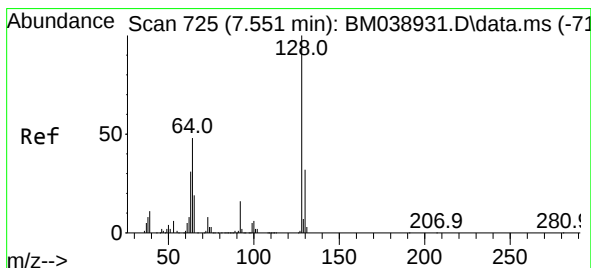
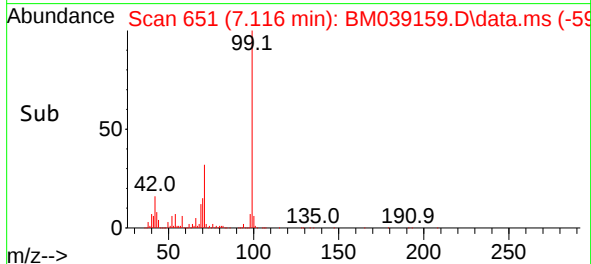
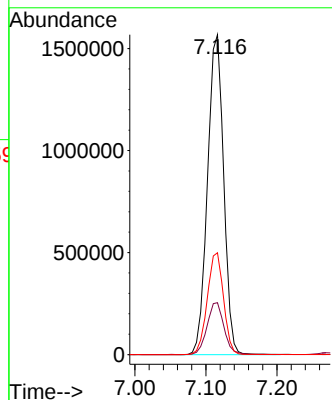
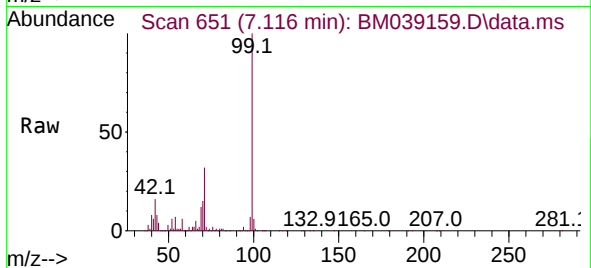


#7
Phenol-d6
Concen: 99.208 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Instrument :
BNA_M
ClientSampleId :
PB151521BSD

Tgt Ion: 99 Resp: 2467038

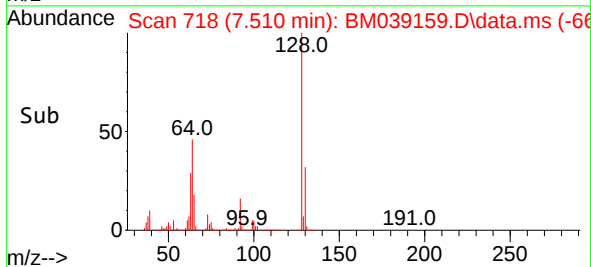
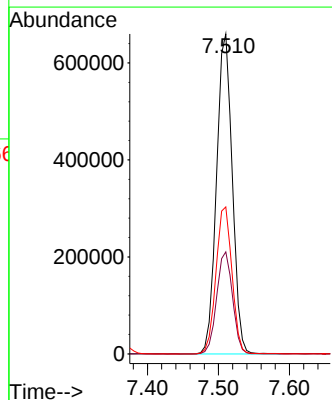
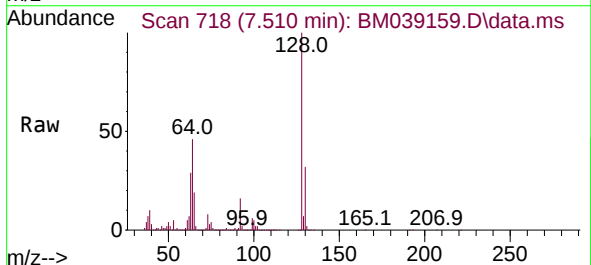
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.8	25.6	38.4

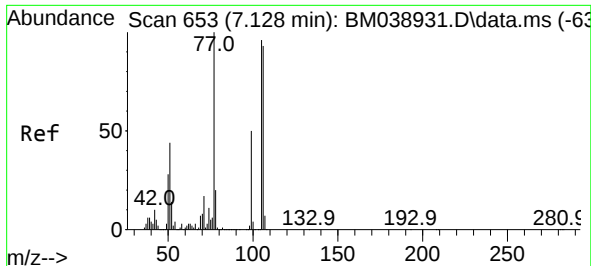


#8
2-Chlorophenol
Concen: 49.990 ng
RT: 7.510 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:128 Resp: 1018907

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.9	51.9
64	46.0	28.6	68.6

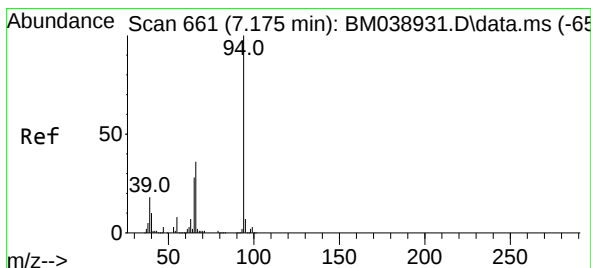
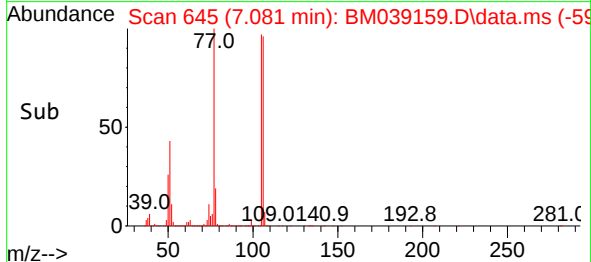
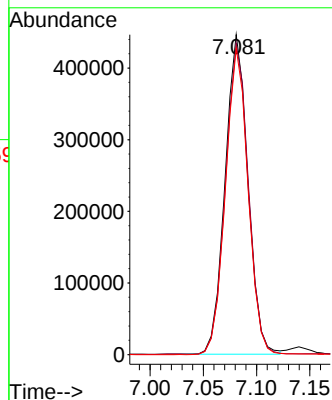
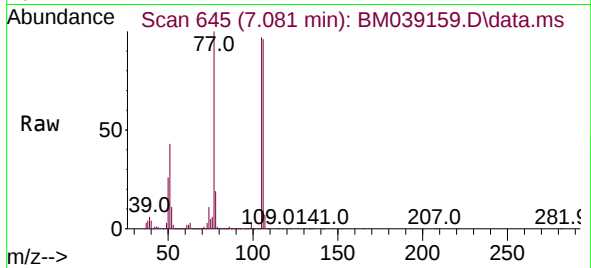




#9
Benzaldehyde
Concen: 56.214 ng
RT: 7.081 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

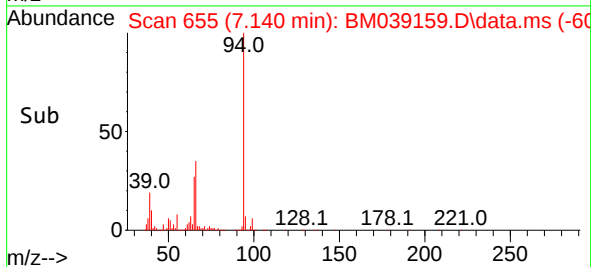
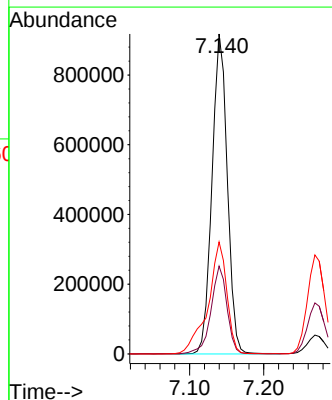
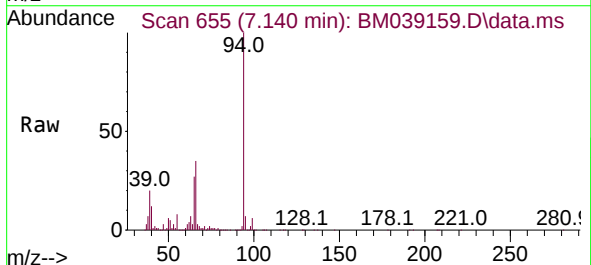
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

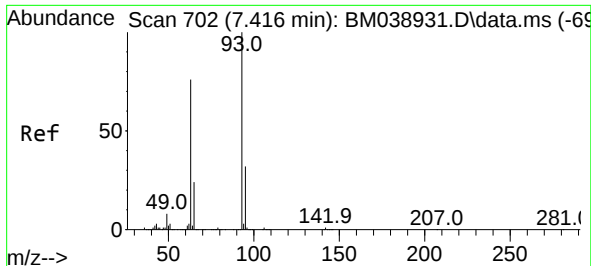
Tgt Ion: 77 Resp: 665204
Ion Ratio Lower Upper
77 100
105 97.3 75.8 115.8
106 95.7 72.6 112.6



#10
Phenol
Concen: 49.880 ng
RT: 7.140 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion: 94 Resp: 1317215
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 35.0 15.8 55.8

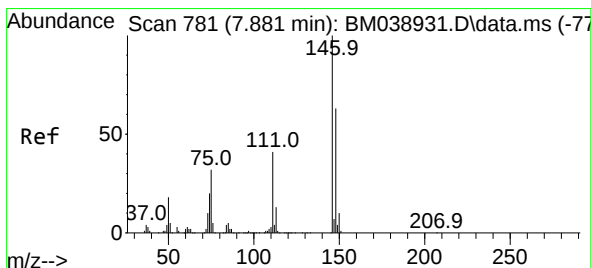
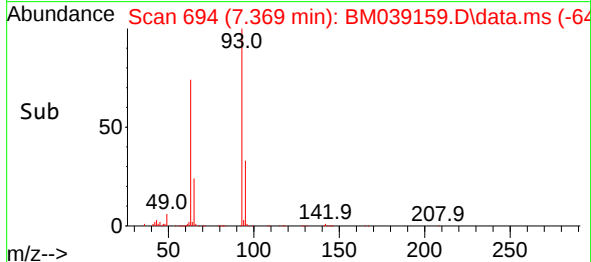
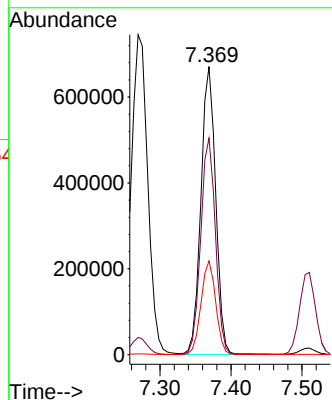
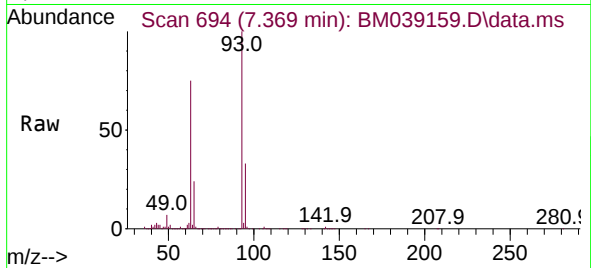




#11
bis(2-Chloroethyl)ether
Concen: 44.935 ng
RT: 7.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

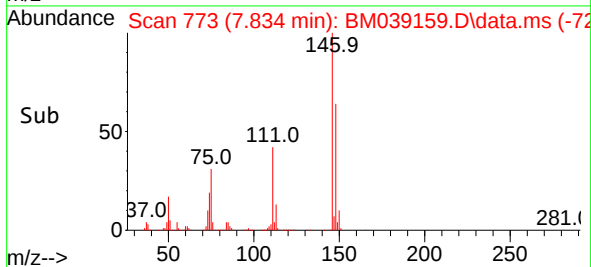
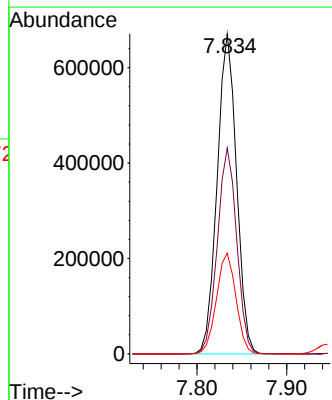
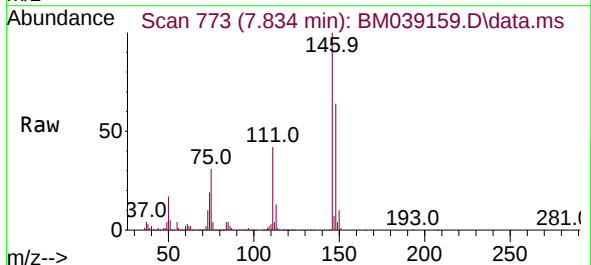
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

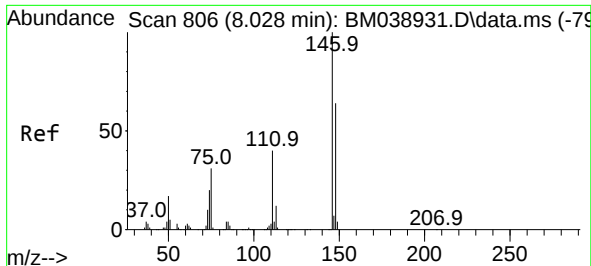
Tgt Ion: 93 Resp: 964768
Ion Ratio Lower Upper
93 100
63 75.1 55.8 95.8
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.702 ng
RT: 7.834 min Scan# 773
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:146 Resp: 1011594
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
75 31.5 26.0 39.0

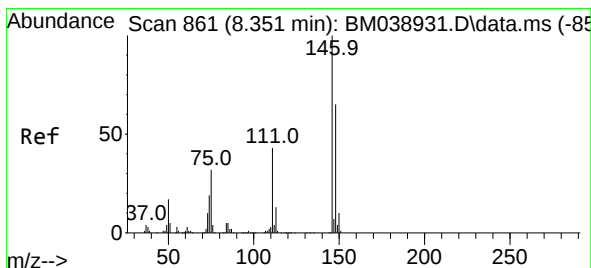
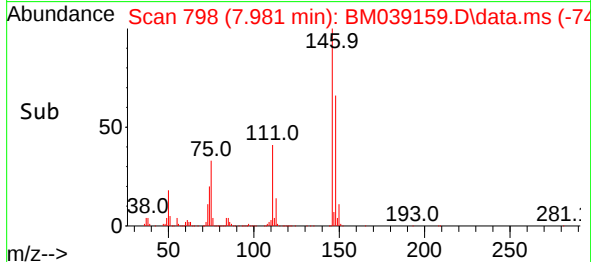
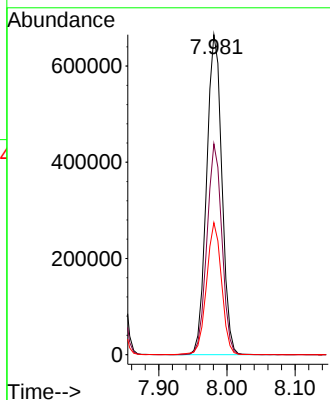
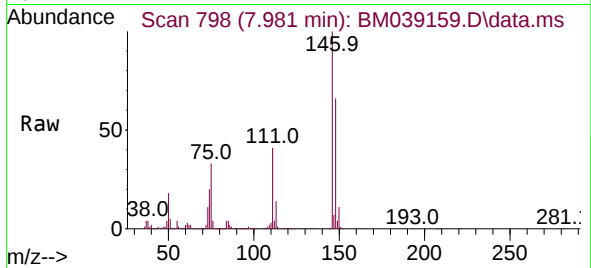




#13
1,4-Dichlorobenzene
Concen: 46.919 ng
RT: 7.981 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

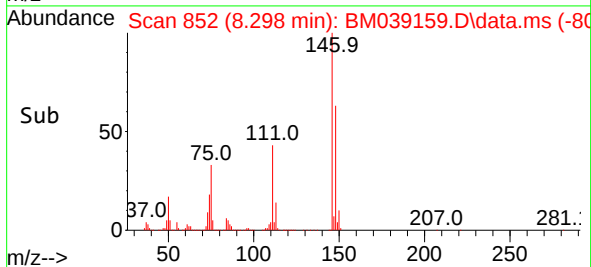
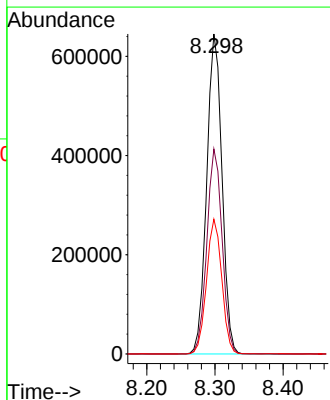
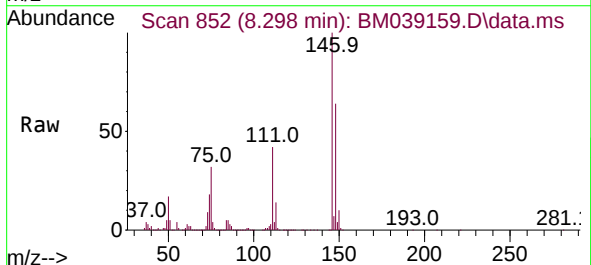
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

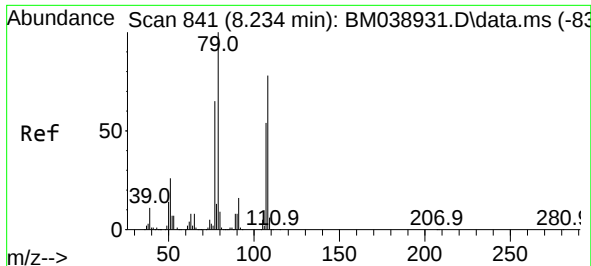
Tgt Ion:146 Resp: 1033613
Ion Ratio Lower Upper
146 100
148 65.9 51.0 76.4
111 41.2 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 47.363 ng
RT: 8.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:146 Resp: 1005056
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 42.1 34.2 51.4

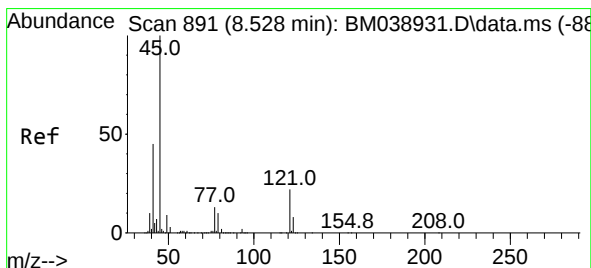
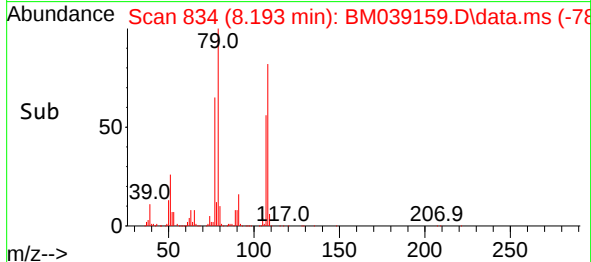
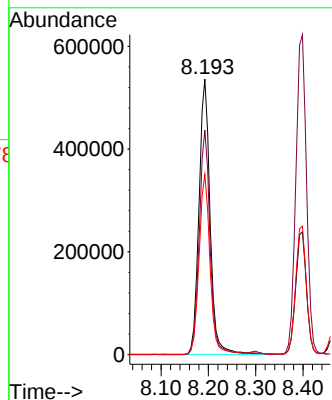
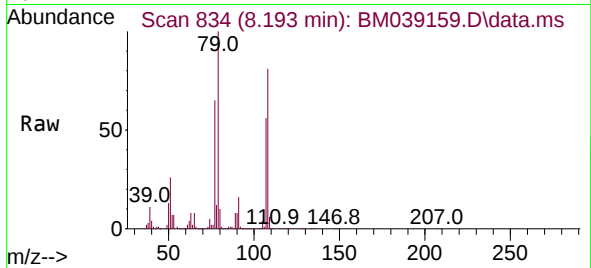




#15
Benzyl Alcohol
Concen: 49.026 ng
RT: 8.193 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

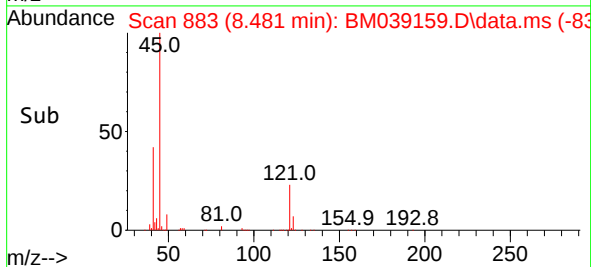
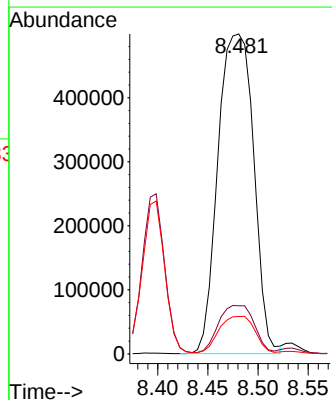
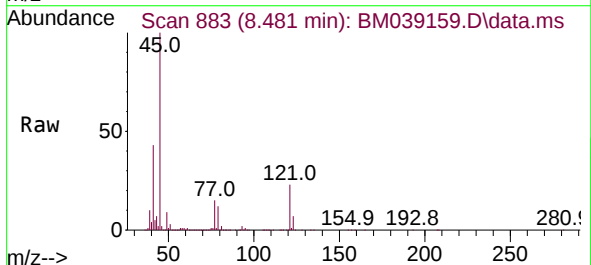
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

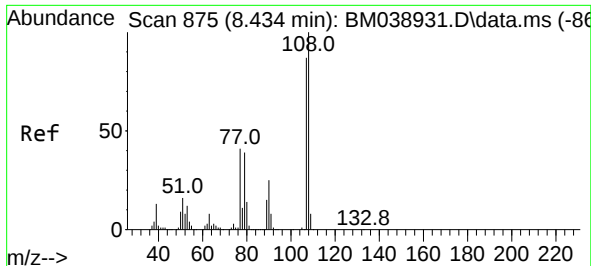
Tgt Ion: 79 Resp: 873838
Ion Ratio Lower Upper
79 100
108 81.5 62.4 93.6
77 65.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.629 ng
RT: 8.481 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion: 45 Resp: 1237250
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.8
79 11.7 0.0 31.5

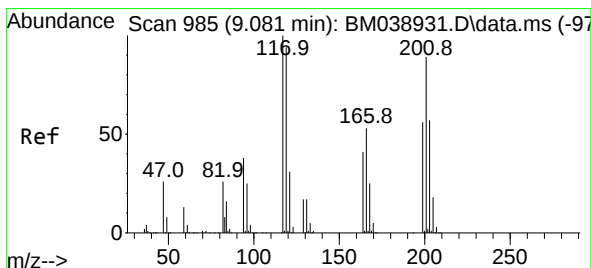
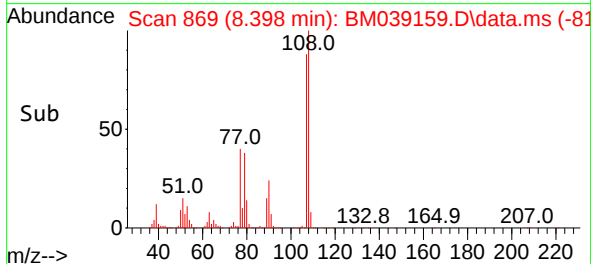
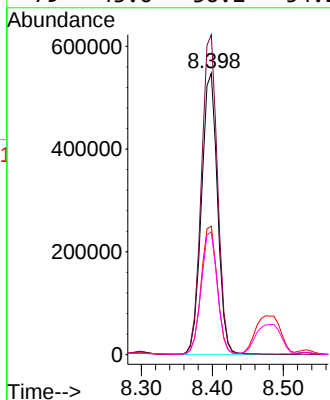
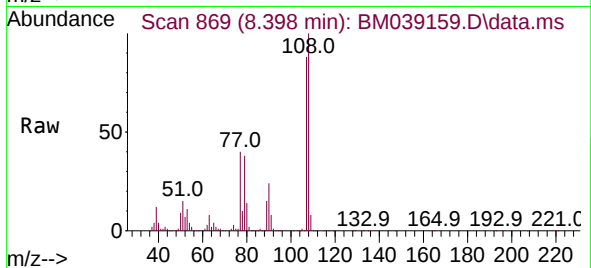




#17
2-Methylphenol
Concen: 46.941 ng
RT: 8.398 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

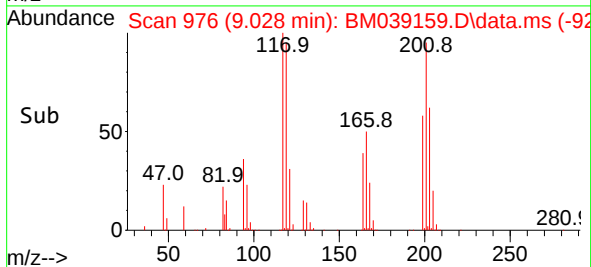
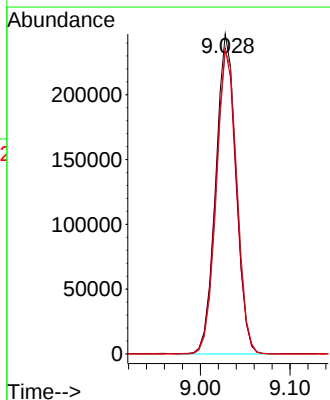
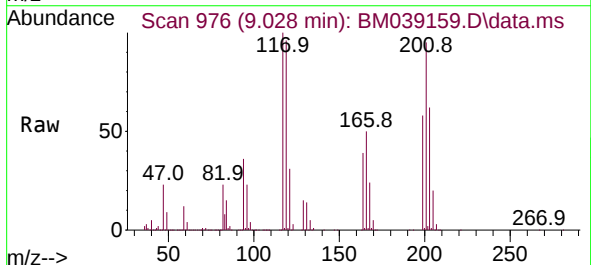
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

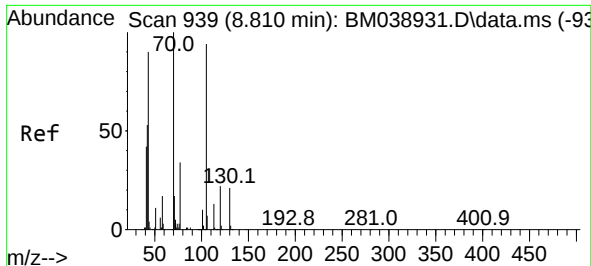
Tgt Ion:107 Resp: 851541
Ion Ratio Lower Upper
107 100
108 113.7 91.7 137.5
77 45.6 37.4 56.2
79 43.6 36.2 54.2



#18
Hexachloroethane
Concen: 48.097 ng
RT: 9.028 min Scan# 976
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:117 Resp: 390929
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0
201 94.9 71.3 106.9



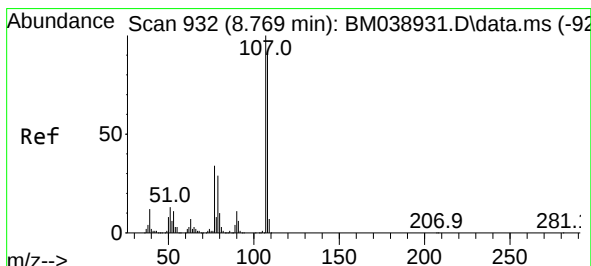
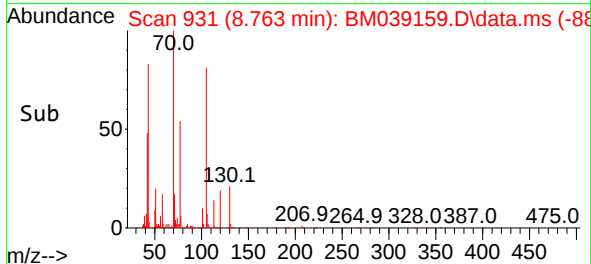
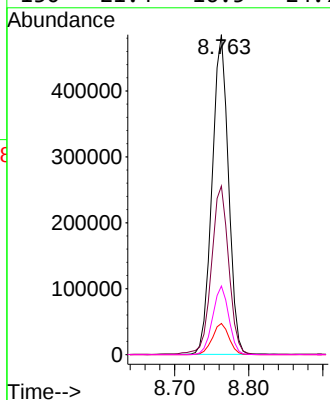
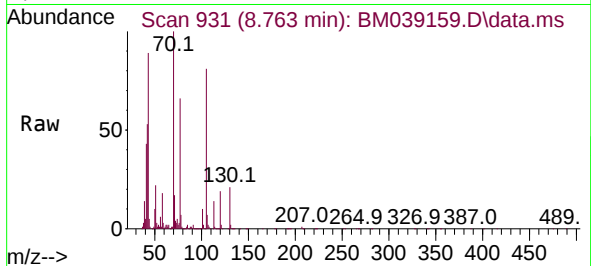


#19
n-Nitroso-di-n-propylamine
Concen: 47.412 ng
RT: 8.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Instrument :
BNA_M
ClientSampleId :
PB151521BSD

Tgt Ion: 70 Resp: 742628

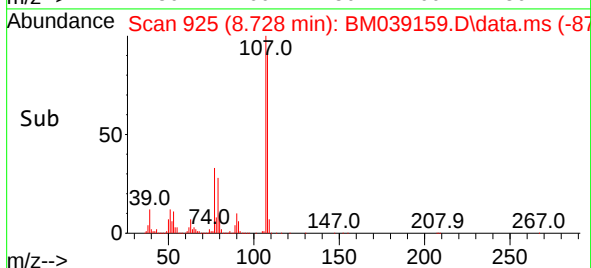
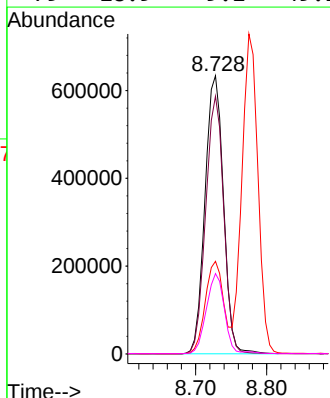
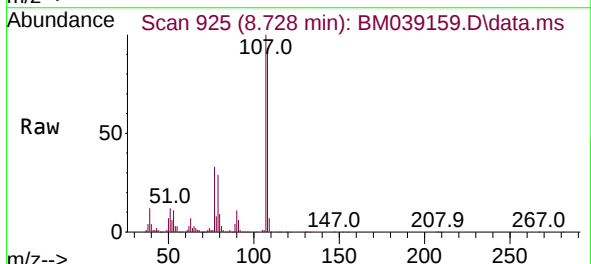
Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.4	65.2
101	9.7	7.6	11.4
130	21.4	16.5	24.7

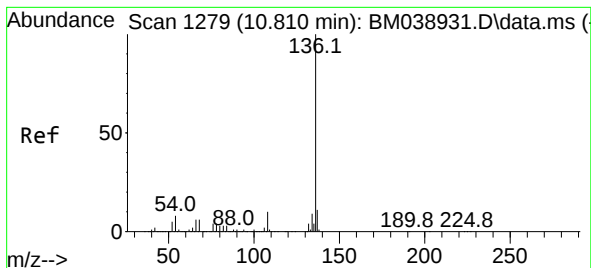


#20
3+4-Methylphenols
Concen: 47.267 ng
RT: 8.728 min Scan# 925
Delta R.T. 0.006 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion: 107 Resp: 1144912

Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.8	111.8
77	33.3	13.6	53.6
79	28.9	9.2	49.2

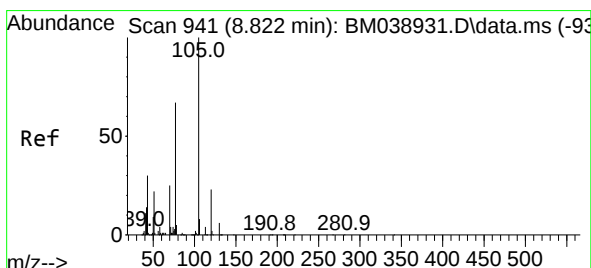
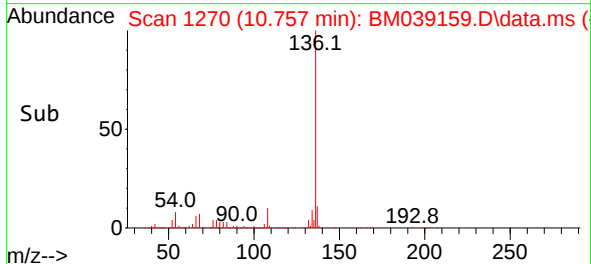
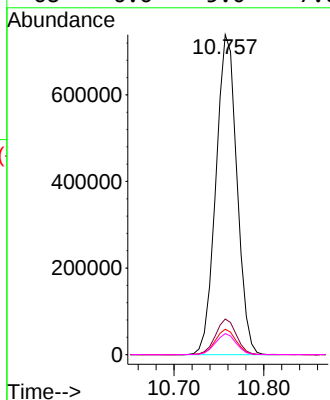
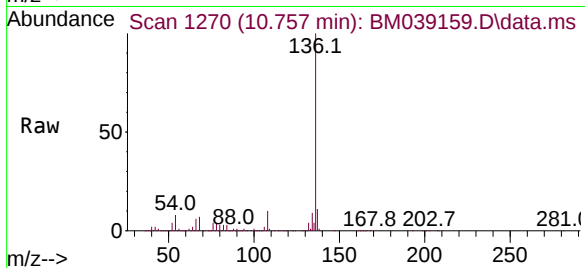




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

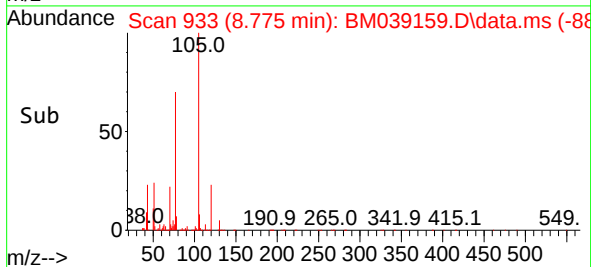
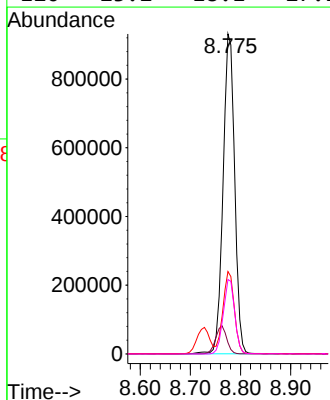
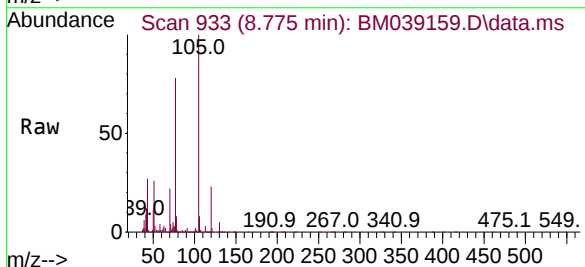
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

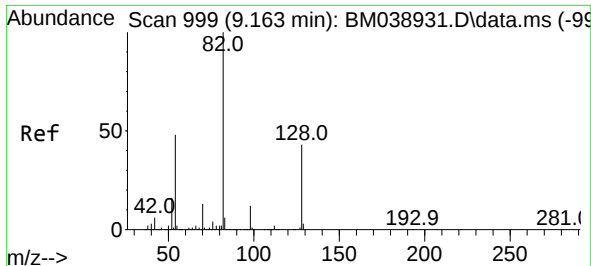
Tgt Ion:136 Resp: 1208861
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.9 6.3 9.5
68 6.6 5.0 7.6



#22
Acetophenone
Concen: 44.146 ng
RT: 8.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:105 Resp: 1497280
Ion Ratio Lower Upper
105 100
71 3.5 3.4 5.0
51 25.7 21.0 31.4
120 23.2 18.1 27.1

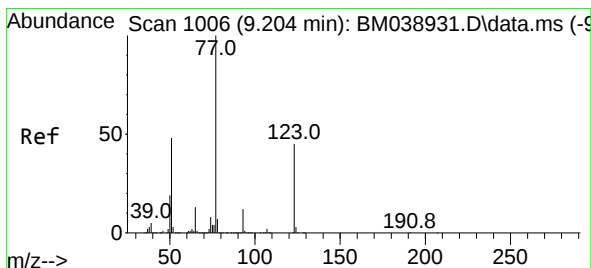
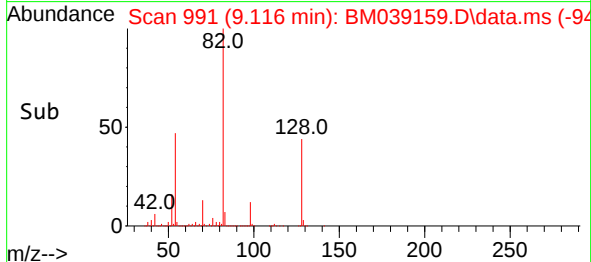
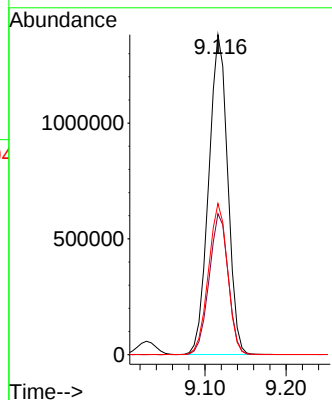
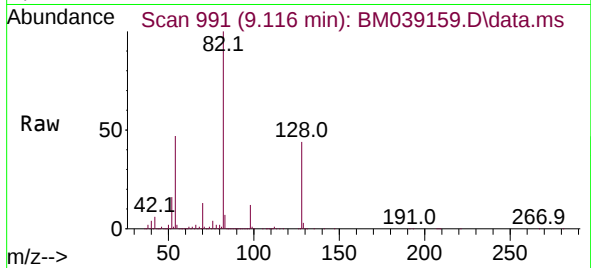




#23
Nitrobenzene-d5
Concen: 91.566 ng
RT: 9.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

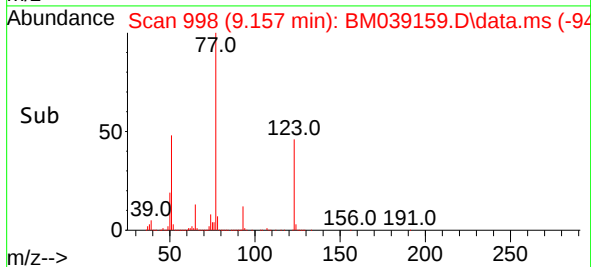
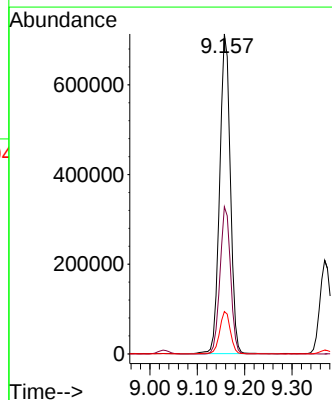
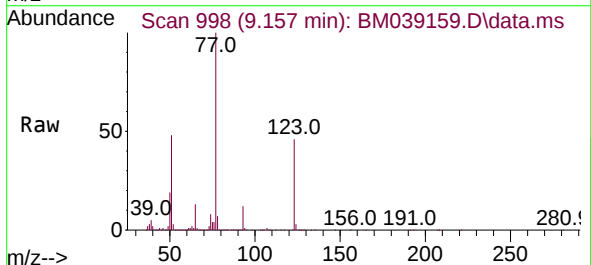
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

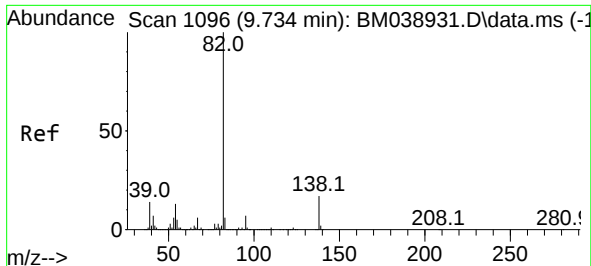
Tgt Ion: 82 Resp: 2253426
Ion Ratio Lower Upper
82 100
128 44.0 34.4 51.6
54 47.2 38.8 58.2



#24
Nitrobenzene
Concen: 42.995 ng
RT: 9.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion: 77 Resp: 1112121
Ion Ratio Lower Upper
77 100
123 46.0 35.8 53.6
65 13.2 10.2 15.4

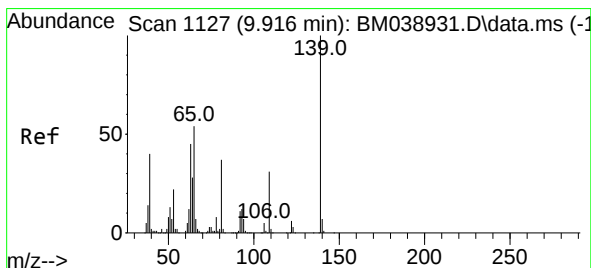
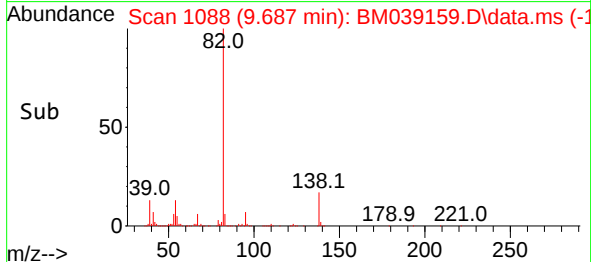
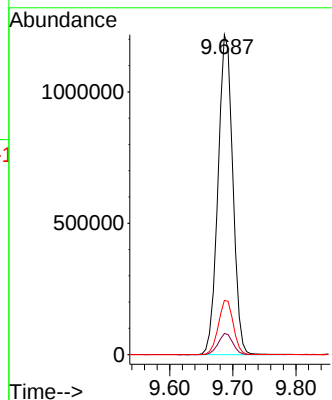
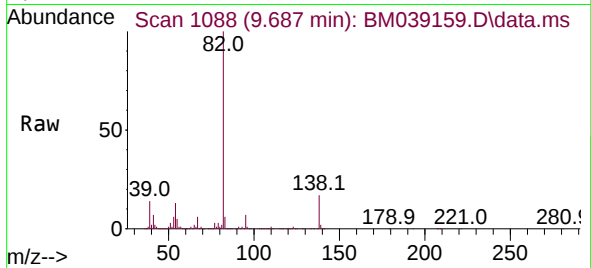




#25
Isophorone
Concen: 43.716 ng
RT: 9.687 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

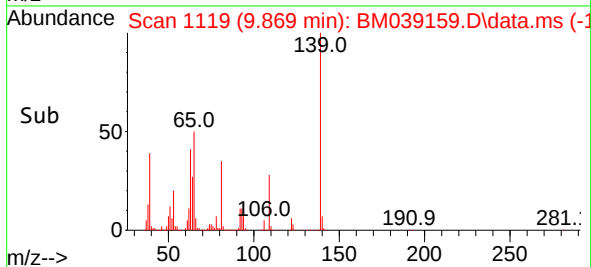
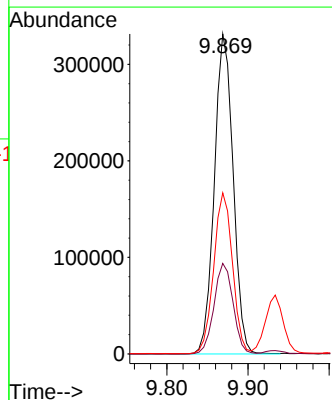
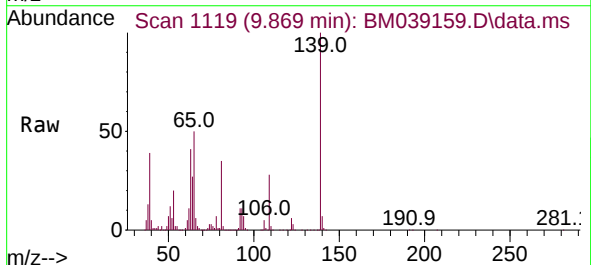
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

Tgt Ion: 82 Resp: 1979772
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.9 13.6 20.4



#26
2-Nitrophenol
Concen: 46.724 ng
RT: 9.869 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion: 139 Resp: 532679
Ion Ratio Lower Upper
139 100
109 28.3 24.5 36.7
65 50.3 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 46.503 ng

RT: 9.934 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

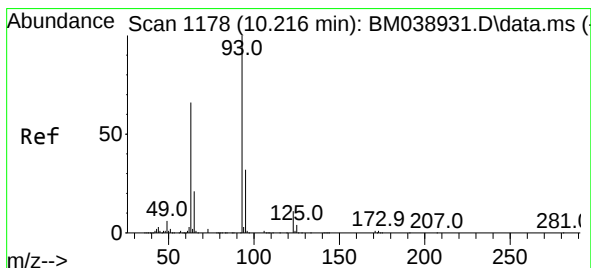
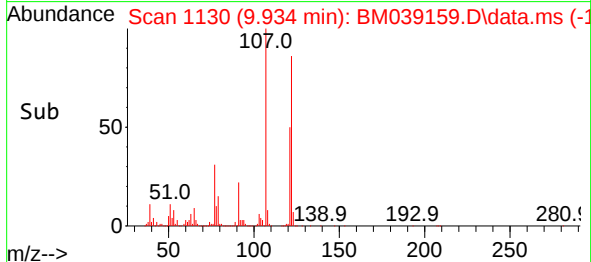
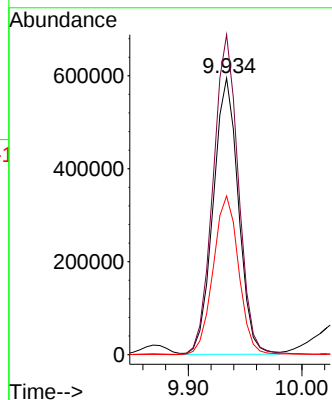
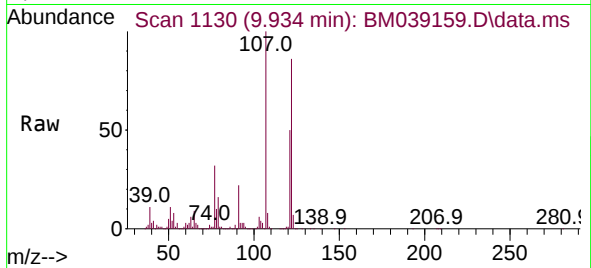
Tgt Ion:122 Resp: 917629

Ion Ratio Lower Upper

122 100

107 115.7 91.0 136.4

121 57.4 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.736 ng

RT: 10.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

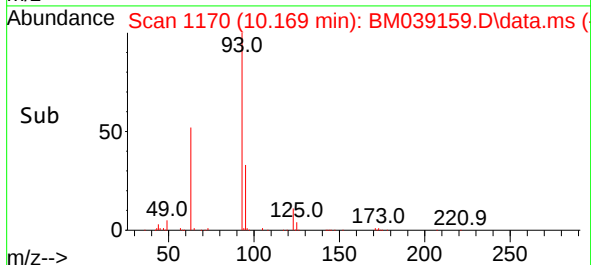
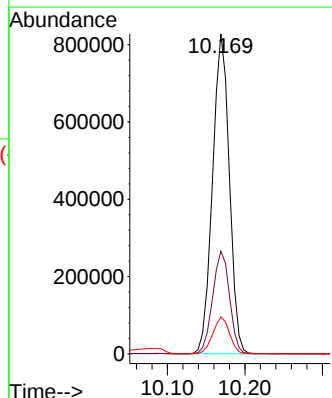
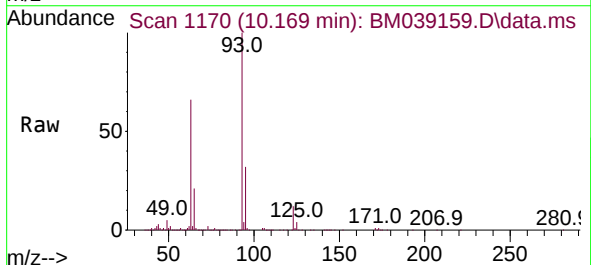
Tgt Ion: 93 Resp: 1243547

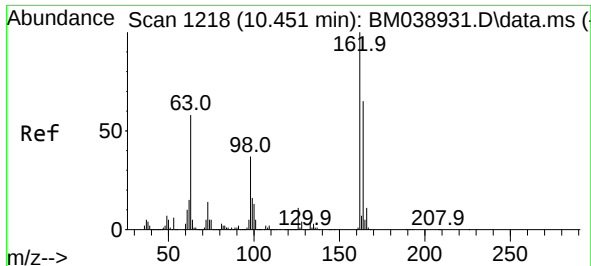
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.996 ng

RT: 10.410 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

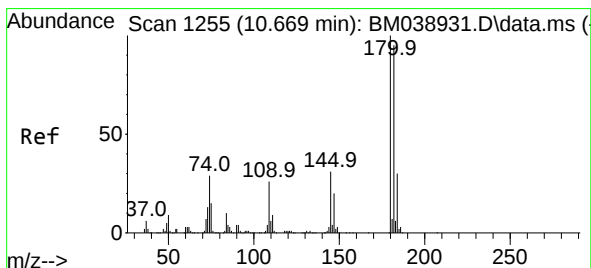
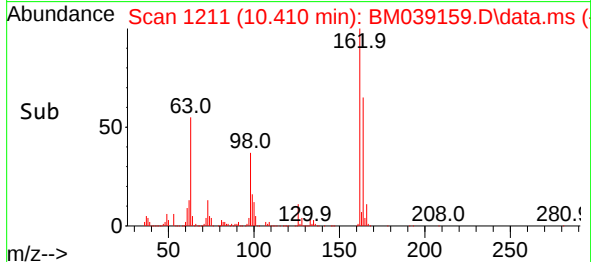
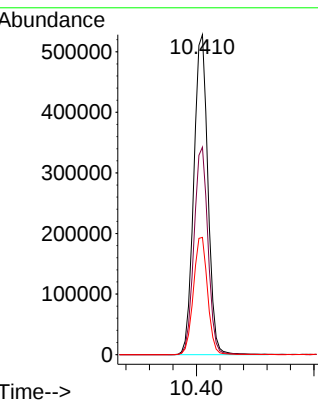
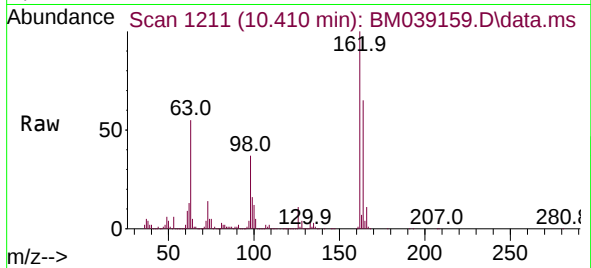
Tgt Ion:162 Resp: 879212

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

98 36.6 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 44.063 ng

RT: 10.622 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

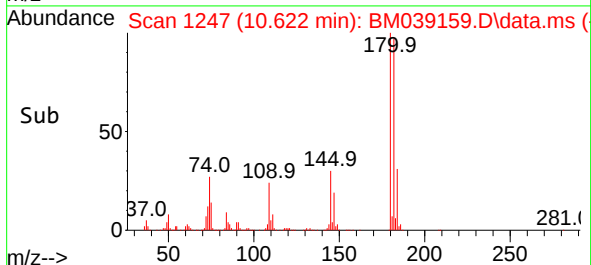
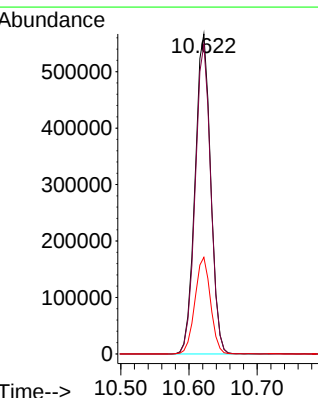
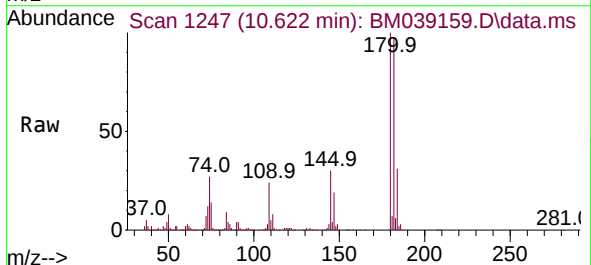
Tgt Ion:180 Resp: 900818

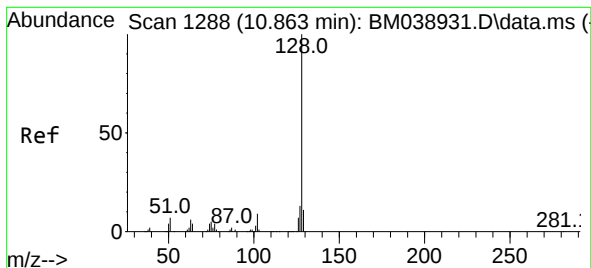
Ion Ratio Lower Upper

180 100

182 96.7 76.3 114.5

145 30.2 25.0 37.4

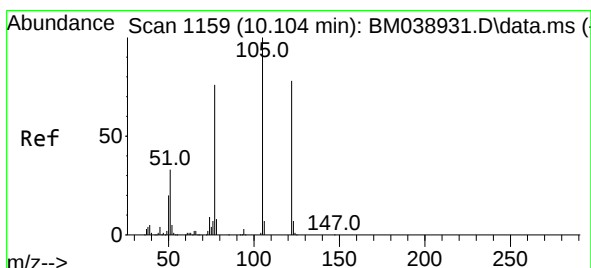
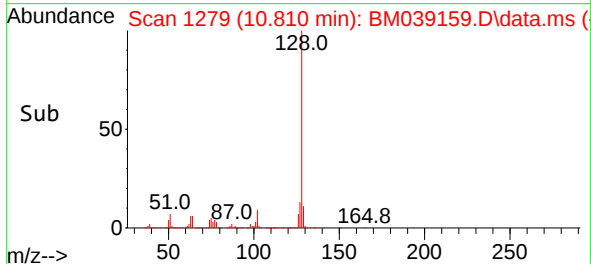
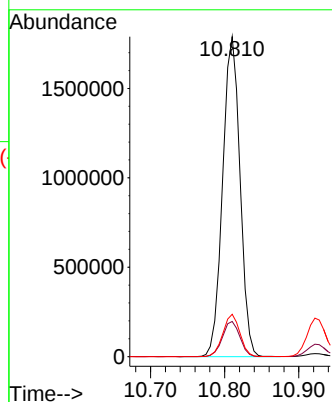
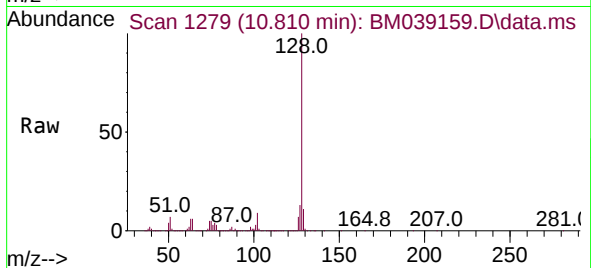




#31
Naphthalene
Concen: 42.243 ng
RT: 10.810 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

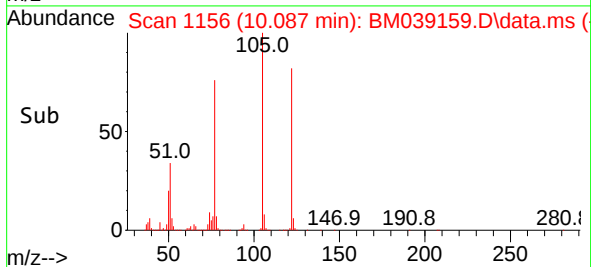
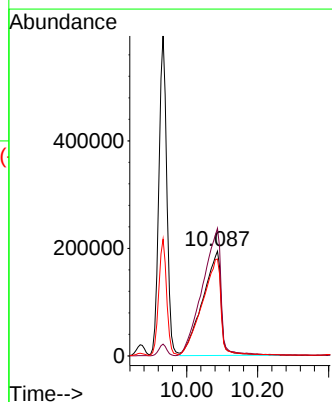
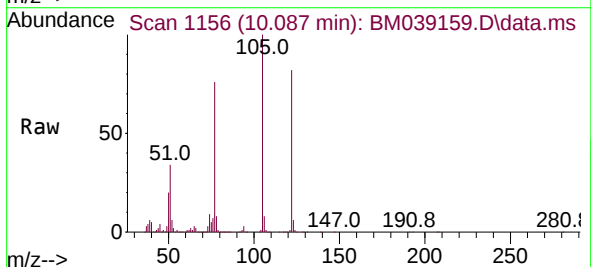
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

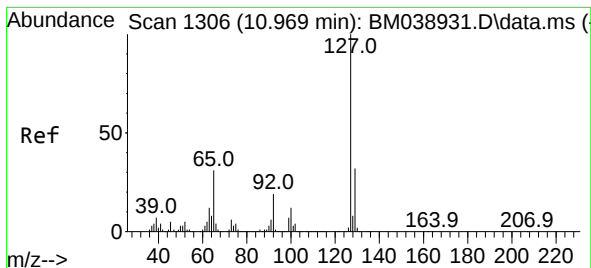
Tgt Ion:128 Resp: 2911904
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.2 15.4



#32
Benzoic acid
Concen: 48.485 ng
RT: 10.087 min Scan# 1156
Delta R.T. 0.012 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:122 Resp: 702922
Ion Ratio Lower Upper
122 100
105 121.9 104.2 144.2
77 92.6 75.1 115.1

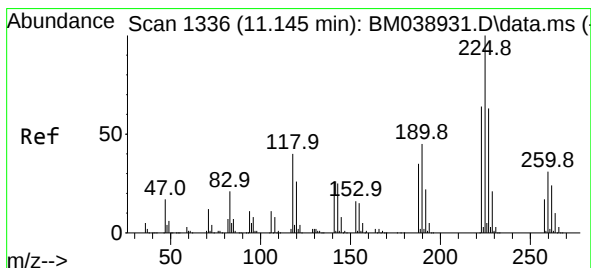
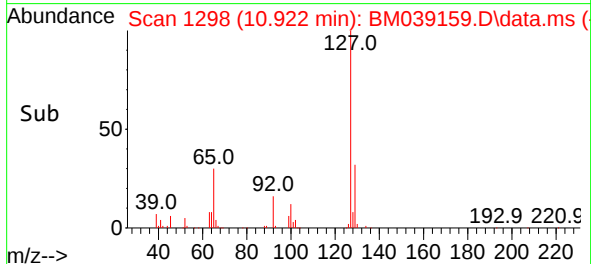
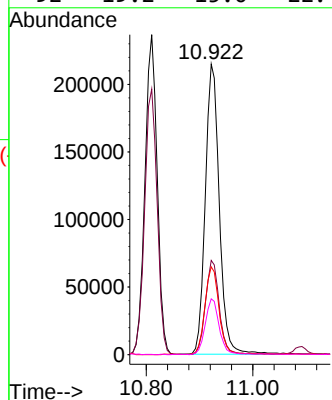
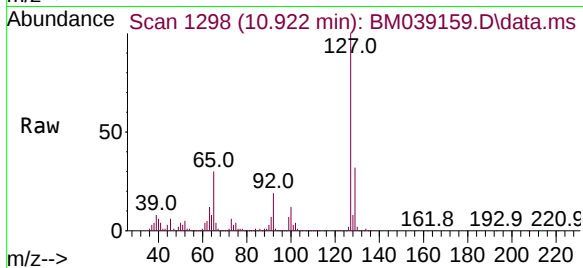




#33
4-Chloroaniline
Concen: 13.373 ng
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

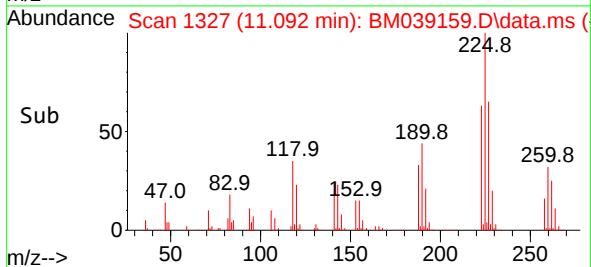
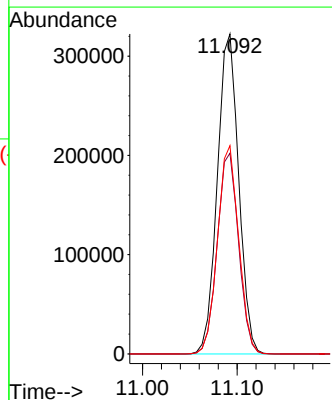
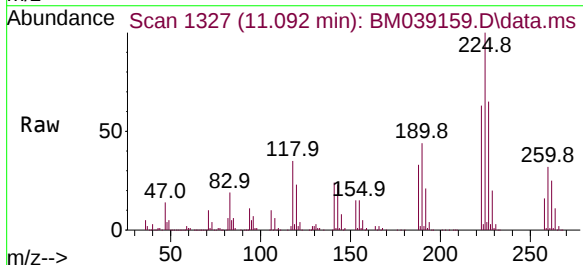
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

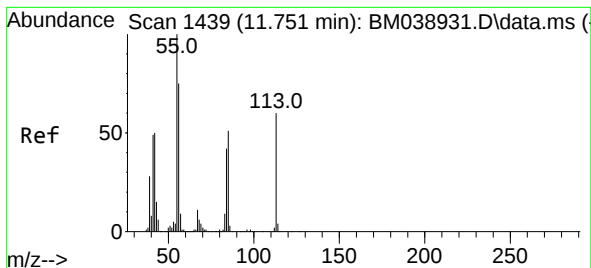
Tgt Ion:	127	Resp:	392836
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.4	38.2
65	30.2	24.4	36.6
92	19.2	15.0	22.4



#34
Hexachlorobutadiene
Concen: 43.018 ng
RT: 11.092 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:	225	Resp:	504326
Ion Ratio	Lower	Upper	
225	100		
223	62.7	51.3	76.9
227	65.1	50.6	76.0

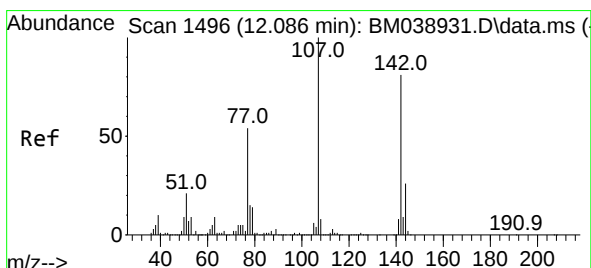
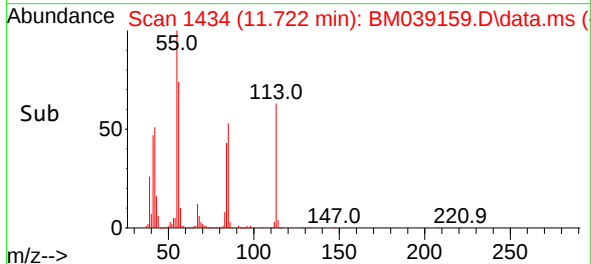
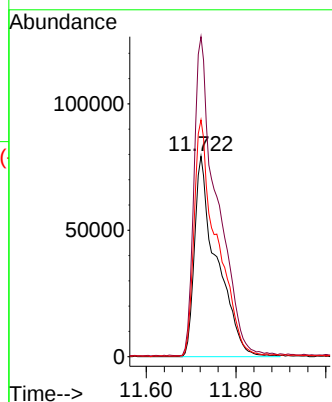
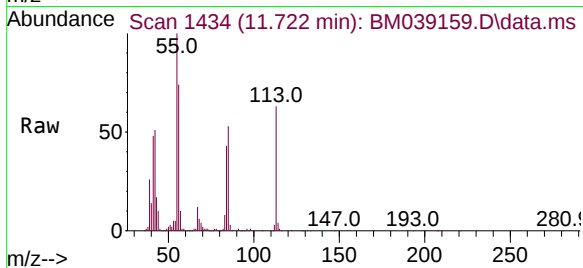




#35
Caprolactam
Concen: 47.553 ng
RT: 11.722 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

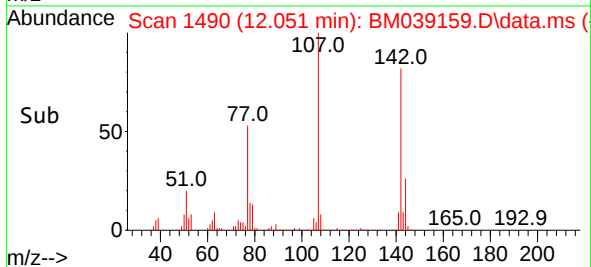
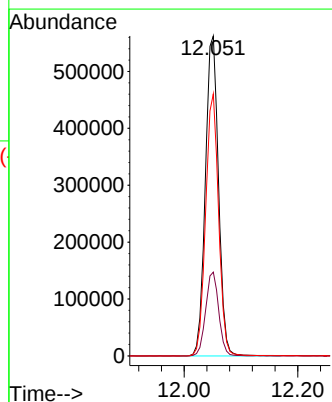
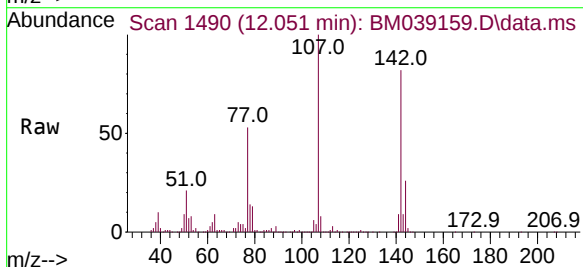
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

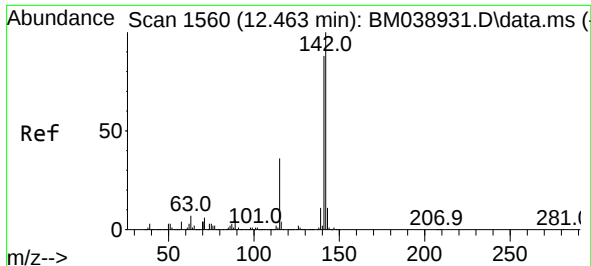
Tgt Ion:113 Resp: 270765
Ion Ratio Lower Upper
113 100
55 159.7 147.0 187.0
56 118.1 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 45.440 ng
RT: 12.051 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:107 Resp: 905227
Ion Ratio Lower Upper
107 100
144 26.2 20.7 31.1
142 81.9 64.6 97.0

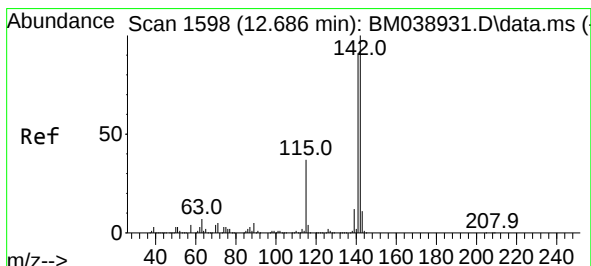
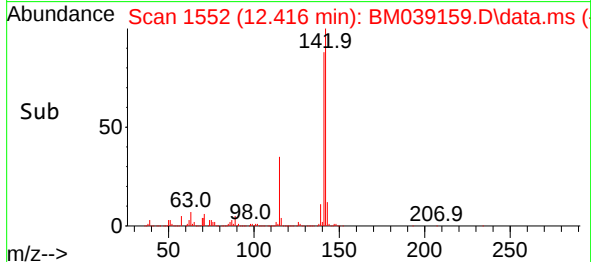
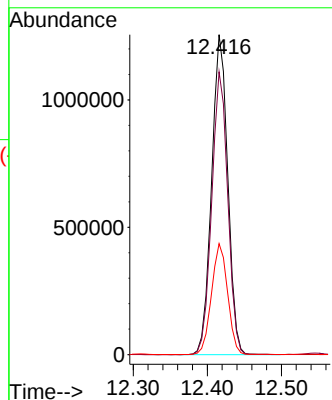
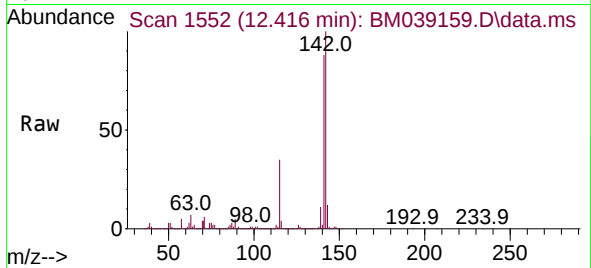




#37
2-Methylnaphthalene
Concen: 41.056 ng
RT: 12.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

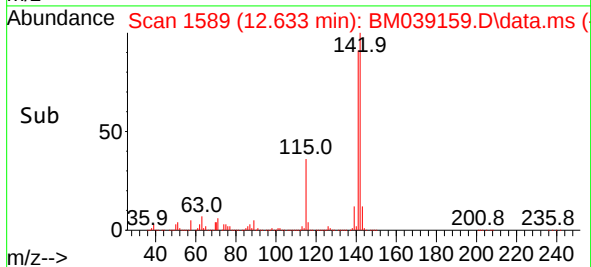
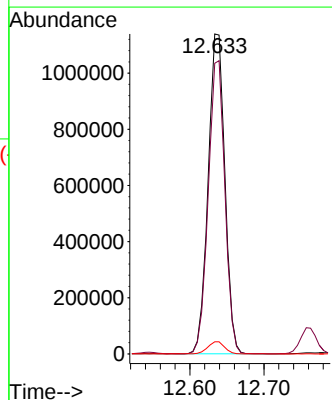
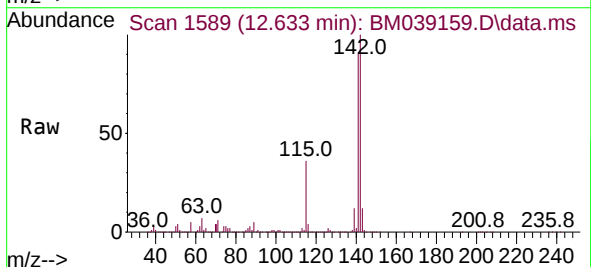
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

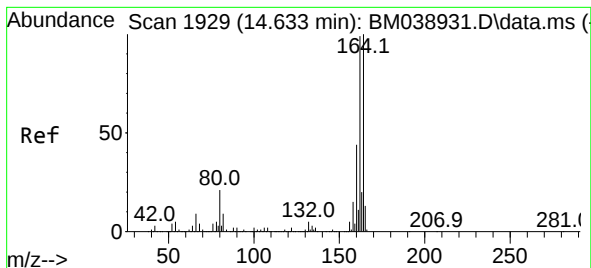
Tgt Ion:142 Resp: 1896840
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0
115 34.7 28.5 42.7



#38
1-Methylnaphthalene
Concen: 41.277 ng
RT: 12.633 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:142 Resp: 1787148
Ion Ratio Lower Upper
142 100
141 90.8 72.8 109.2
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

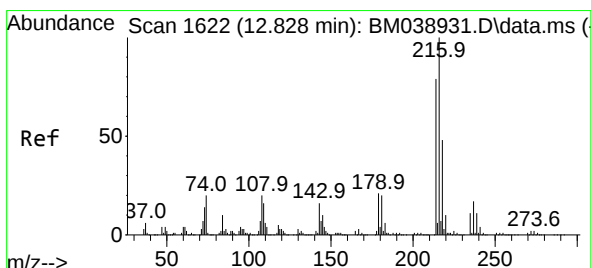
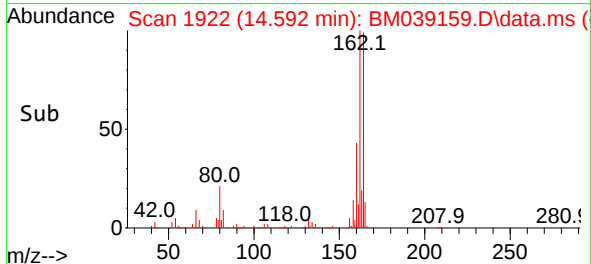
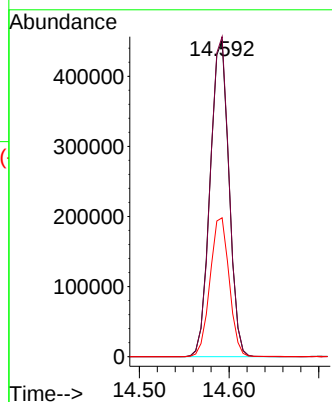
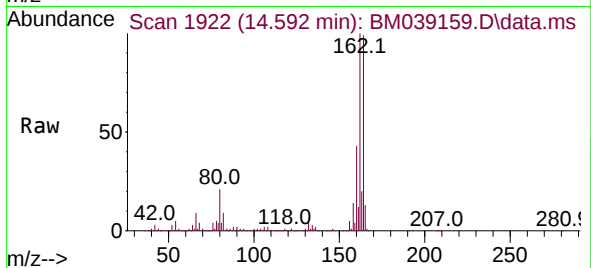
Tgt Ion:164 Resp: 657500

Ion Ratio Lower Upper

164 100

162 101.2 79.2 118.8

160 43.9 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.744 ng

RT: 12.786 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Tgt Ion:216 Resp: 956395

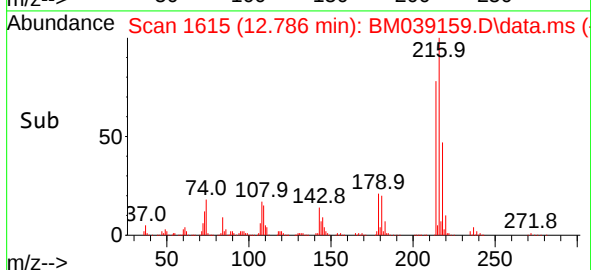
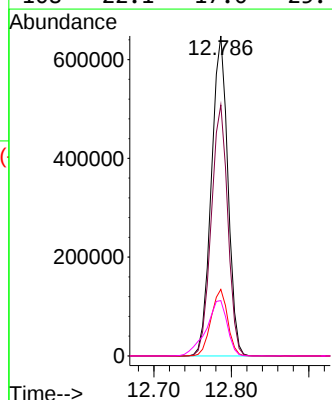
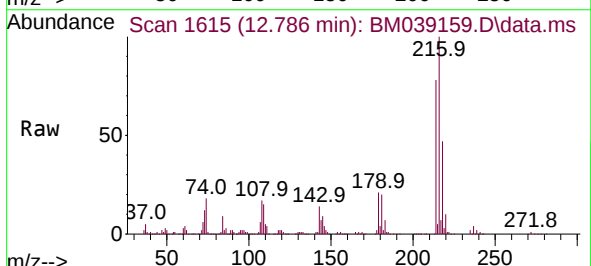
Ion Ratio Lower Upper

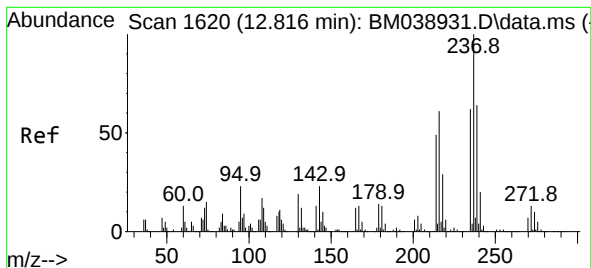
216 100

214 78.4 63.0 94.4

179 20.9 16.8 25.2

108 22.1 17.0 25.4

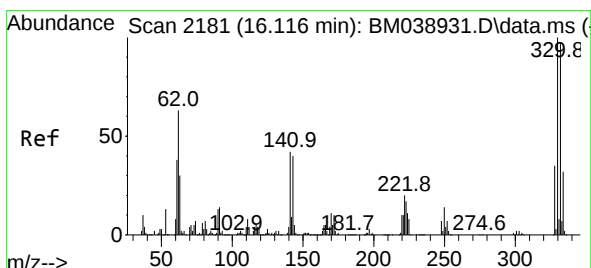
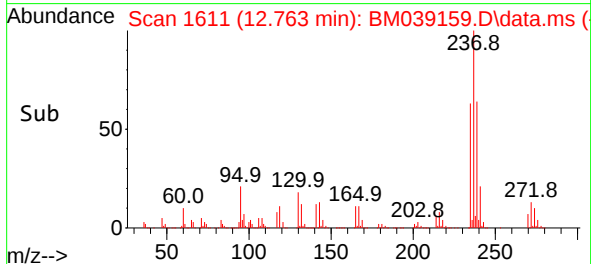
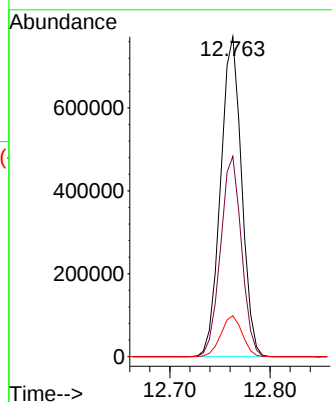
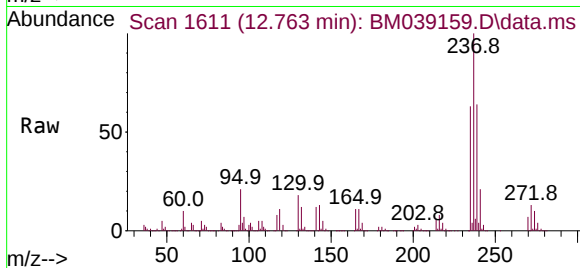




#41
Hexachlorocyclopentadiene
Concen: 95.878 ng
RT: 12.763 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

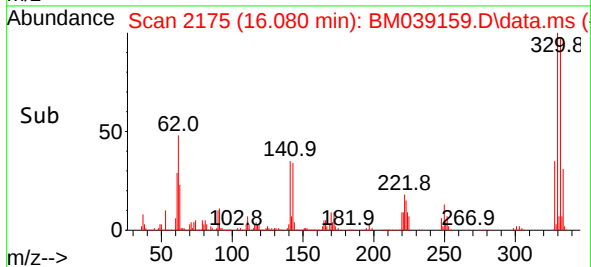
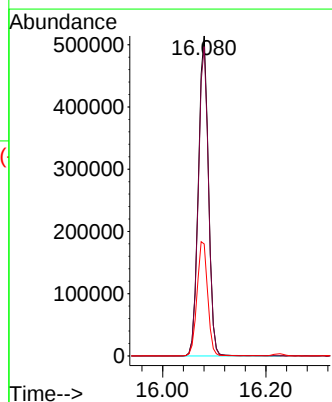
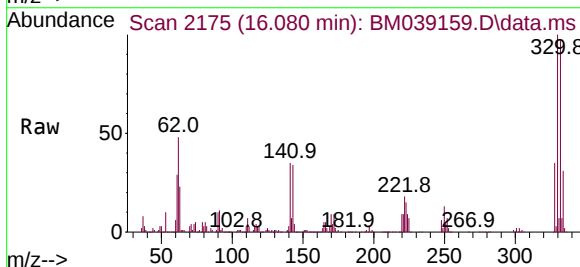
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

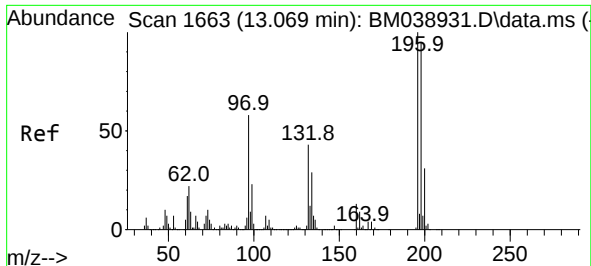
Tgt Ion:237 Resp: 1124923
Ion Ratio Lower Upper
237 100
235 62.6 41.7 81.7
272 12.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 91.369 ng
RT: 16.080 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:330 Resp: 694970
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 37.5 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 47.230 ng

RT: 13.028 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

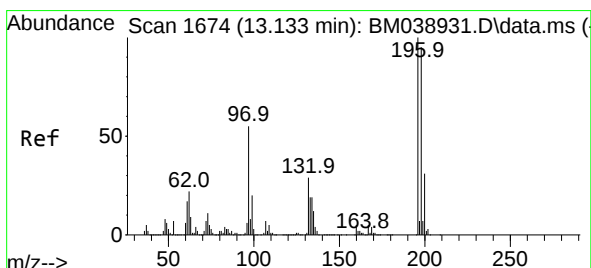
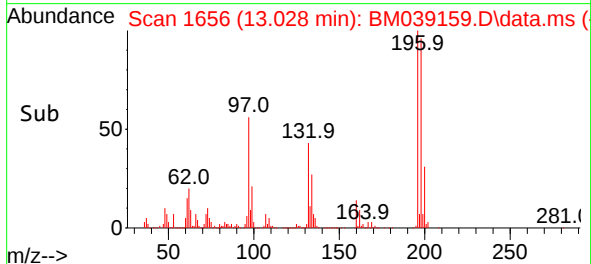
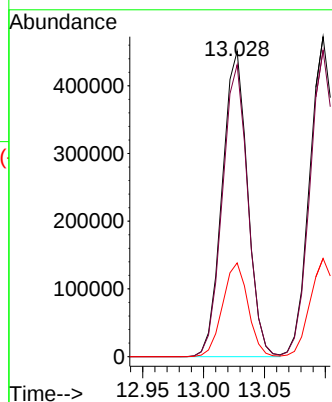
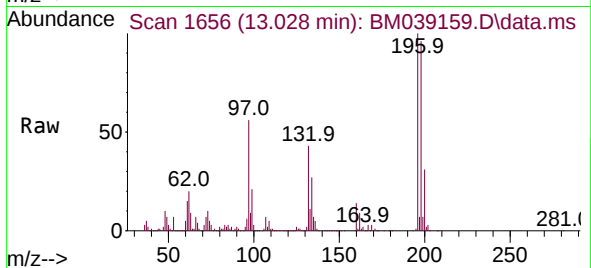
Tgt Ion:196 Resp: 653737

Ion Ratio Lower Upper

196 100

198 95.6 75.8 113.8

200 30.7 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 43.055 ng

RT: 13.098 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Tgt Ion:196 Resp: 697558

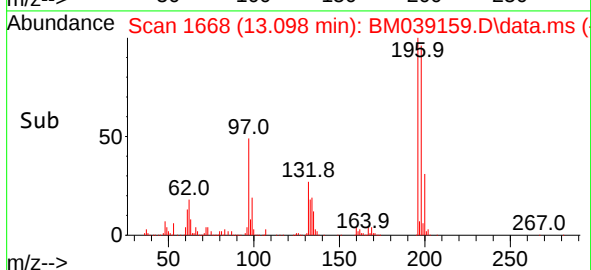
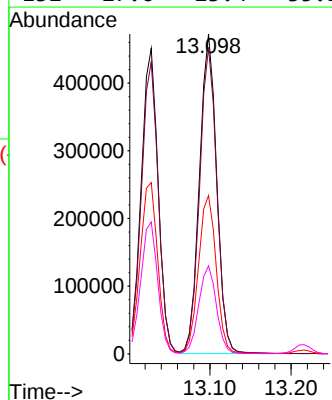
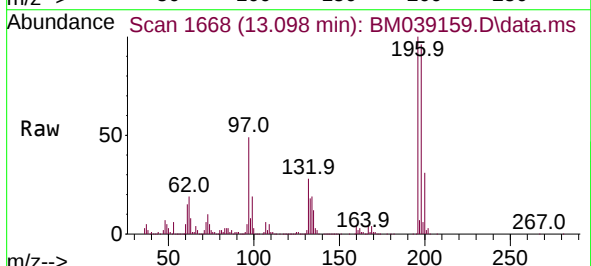
Ion Ratio Lower Upper

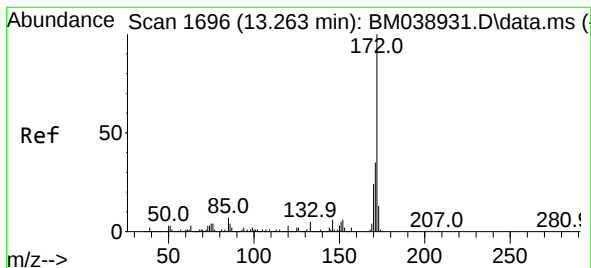
196 100

198 95.7 76.3 114.5

97 49.5 44.2 66.4

132 27.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 87.952 ng

RT: 13.216 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

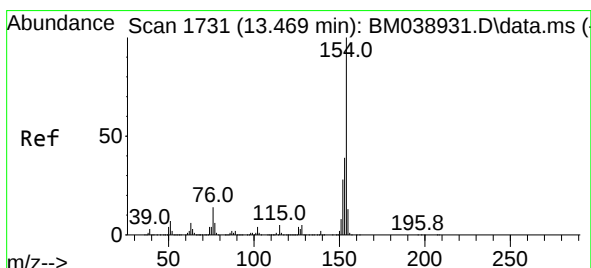
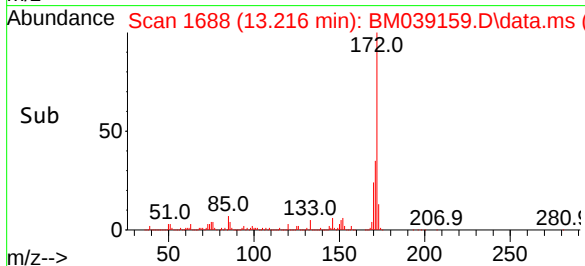
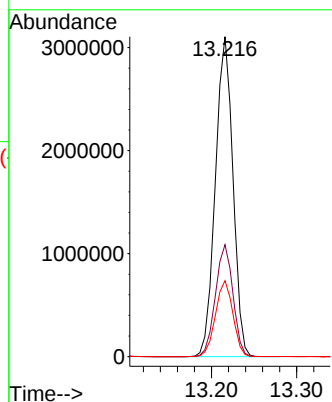
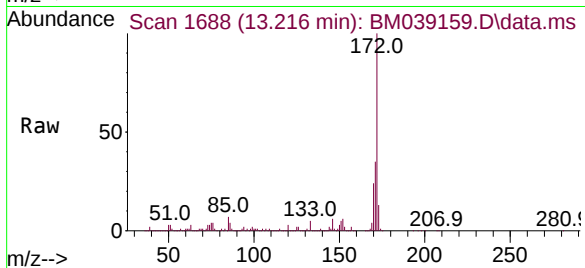
Tgt Ion:172 Resp: 4442178

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.049 ng

RT: 13.428 min Scan# 1724

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

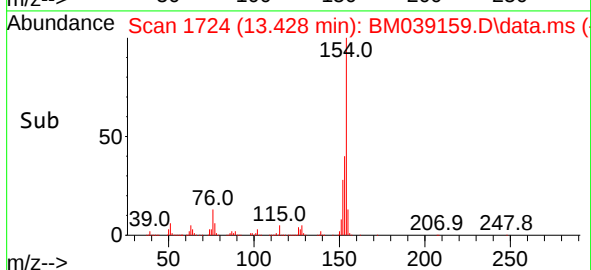
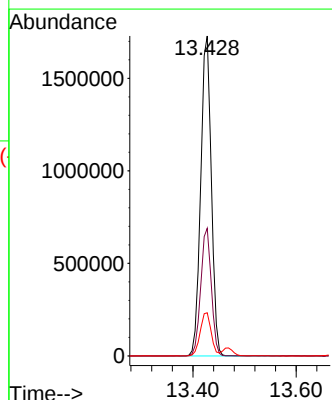
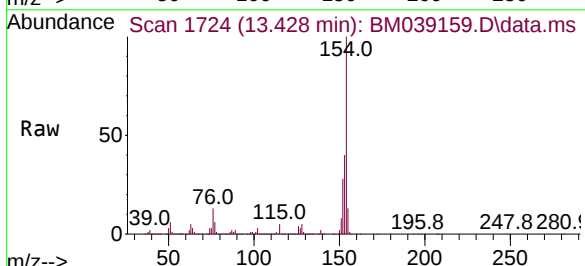
Tgt Ion:154 Resp: 2453596

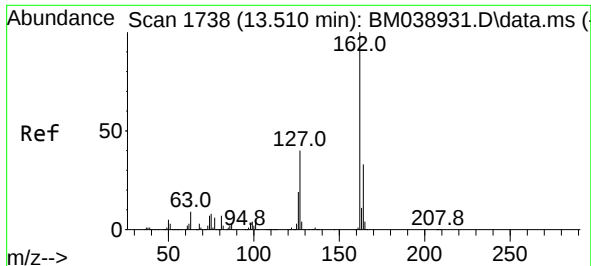
Ion Ratio Lower Upper

154 100

153 39.9 19.3 59.3

76 13.5 0.0 34.0

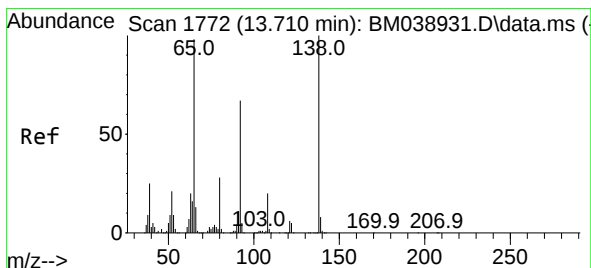
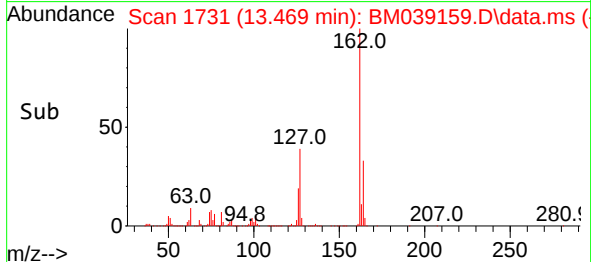
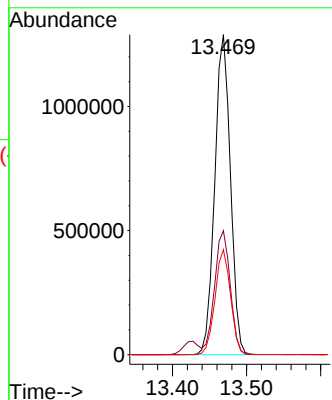
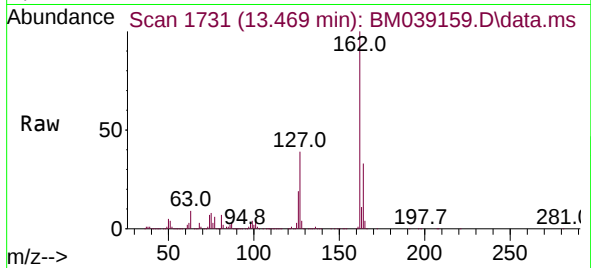




#47
2-Chloronaphthalene
Concen: 45.043 ng
RT: 13.469 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

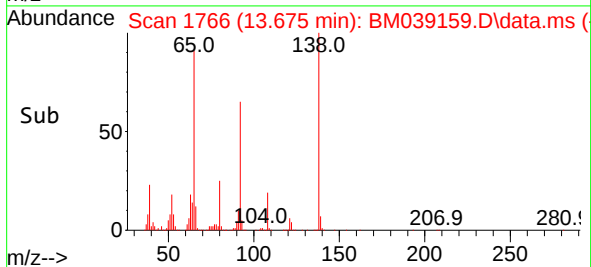
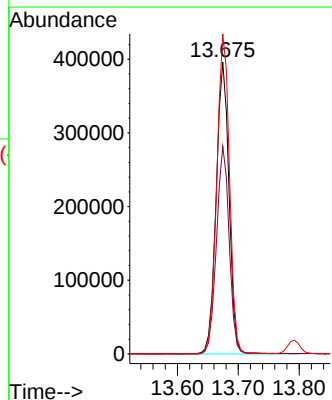
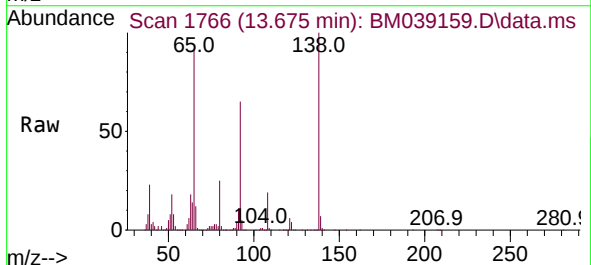
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

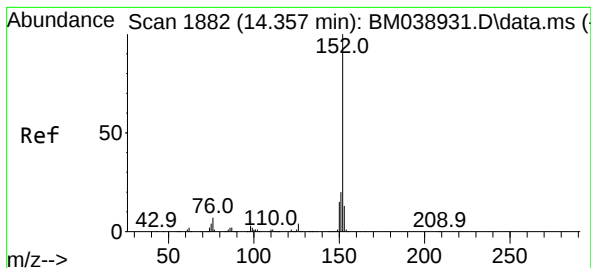
Tgt Ion:162 Resp: 1891938
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 43.514 ng
RT: 13.675 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion: 65 Resp: 582258
Ion Ratio Lower Upper
65 100
92 71.2 54.9 82.3
138 109.8 81.6 122.4





#49

Acenaphthylene

Concen: 43.832 ng

RT: 14.310 min Scan# 1882

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

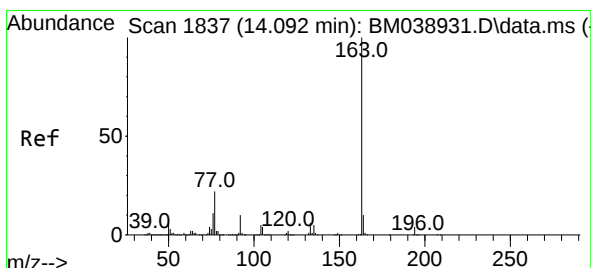
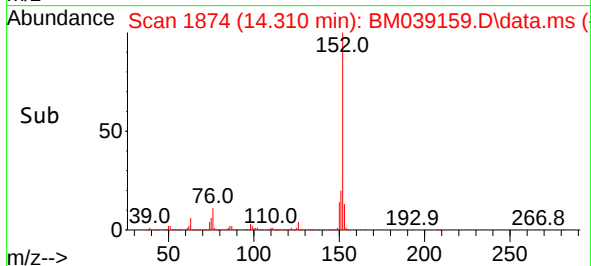
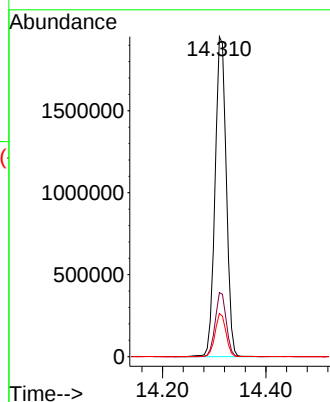
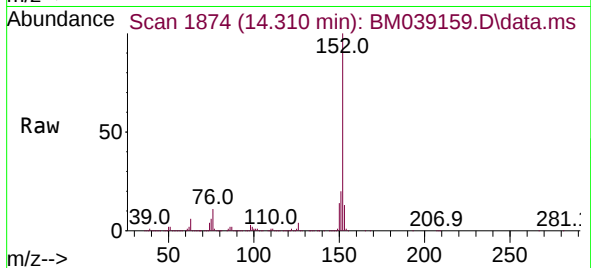
Tgt Ion:152 Resp: 2932544

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 41.997 ng

RT: 14.051 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

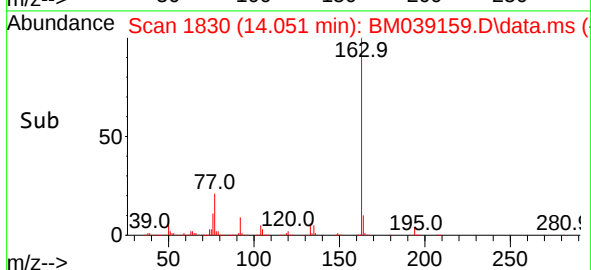
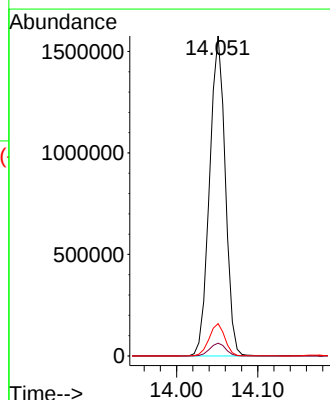
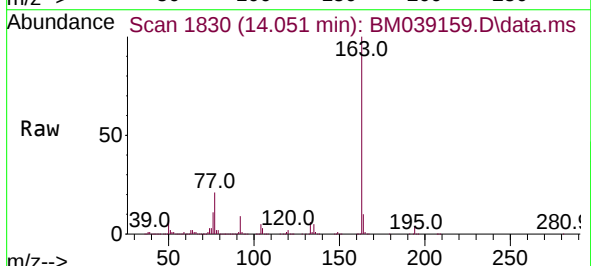
Tgt Ion:163 Resp: 2124779

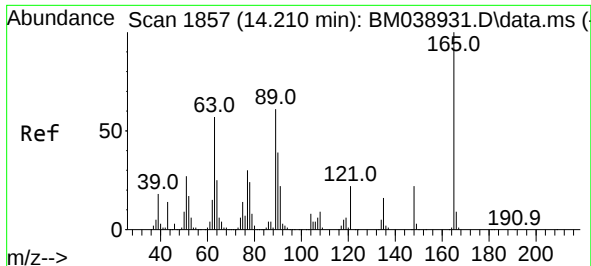
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.1 12.1

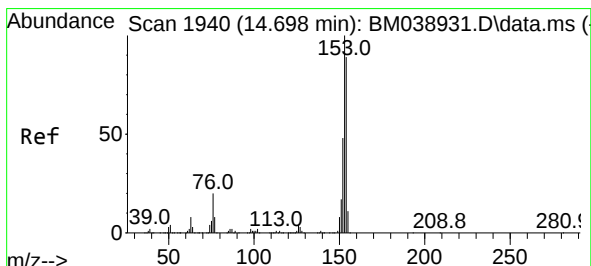
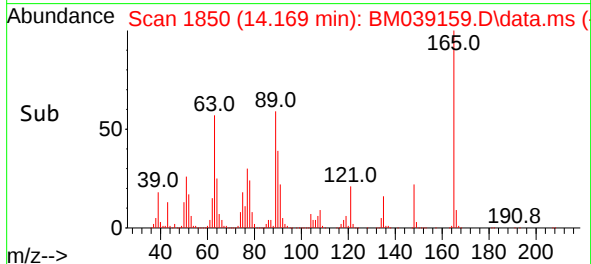
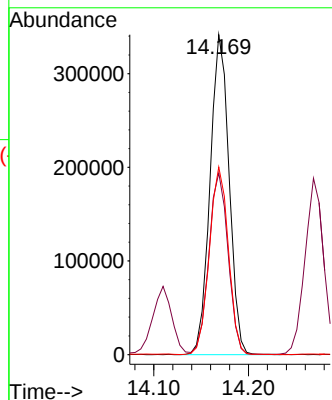
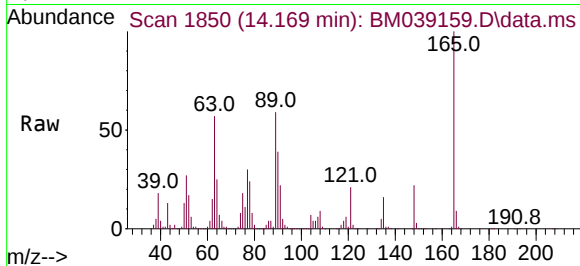




#51
2,6-Dinitrotoluene
Concen: 42.762 ng
RT: 14.169 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

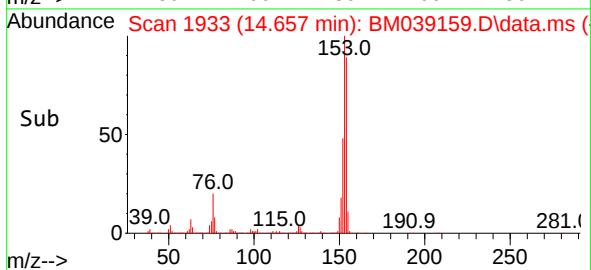
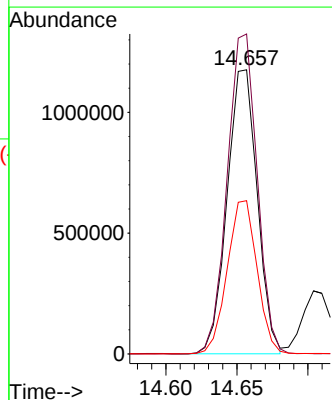
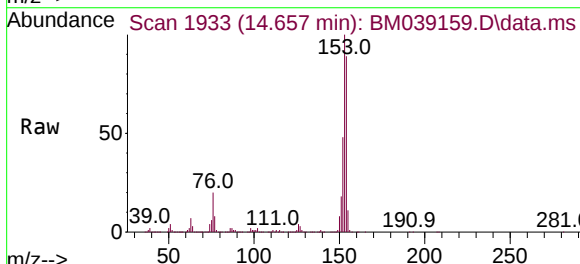
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

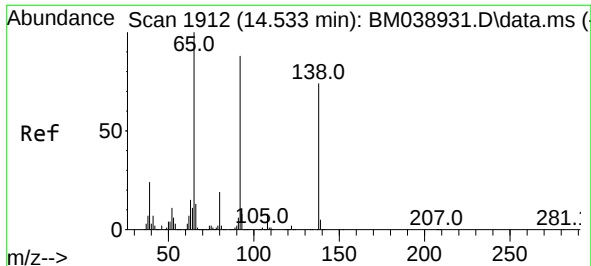
Tgt Ion:165 Resp: 476636
Ion Ratio Lower Upper
165 100
63 56.8 46.6 70.0
89 58.6 48.6 73.0



#52
Acenaphthene
Concen: 42.230 ng
RT: 14.657 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:154 Resp: 1736405
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.2
152 53.9 43.4 65.2

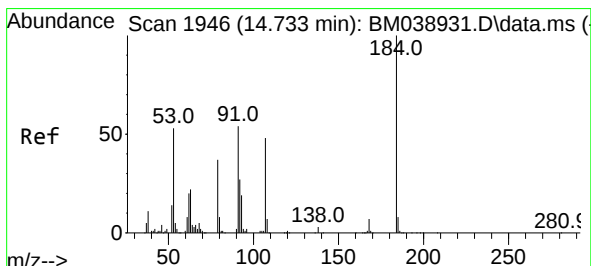
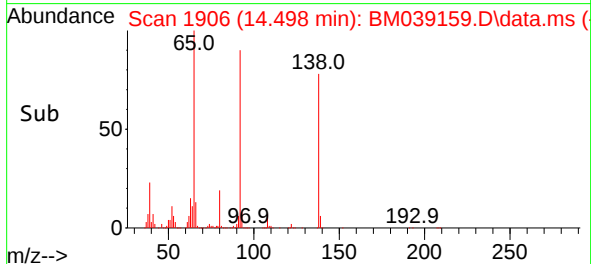
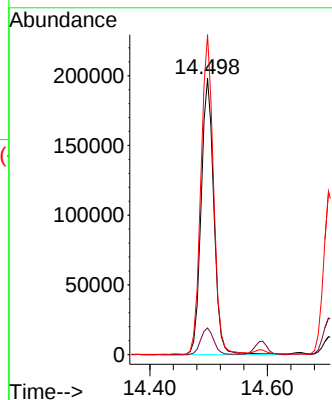
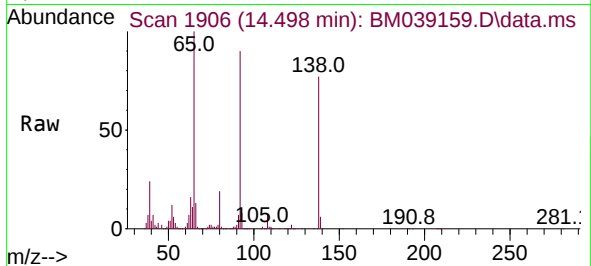




#53
3-Nitroaniline
Concen: 23.502 ng
RT: 14.498 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

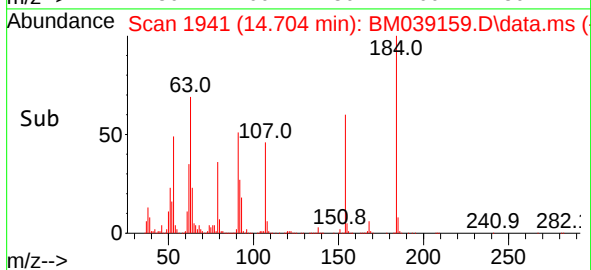
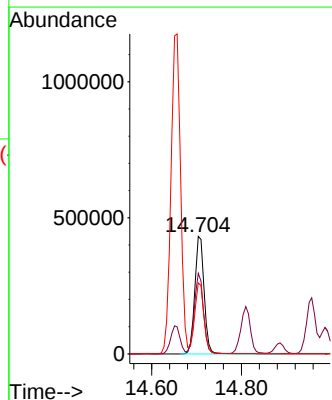
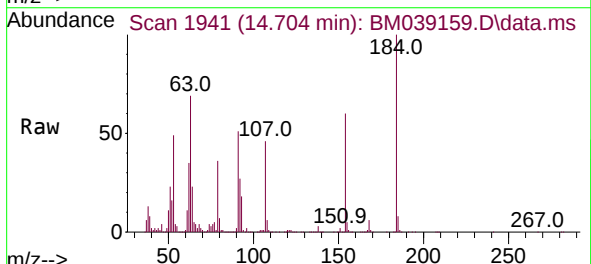
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

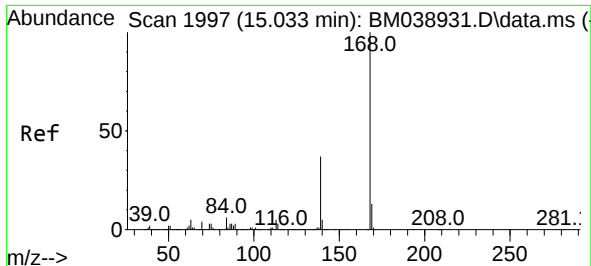
Tgt Ion:138 Resp: 296439
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 115.8 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 95.927 ng
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:184 Resp: 624032
Ion Ratio Lower Upper
184 100
63 68.7 60.6 90.8
154 60.5 51.4 77.2

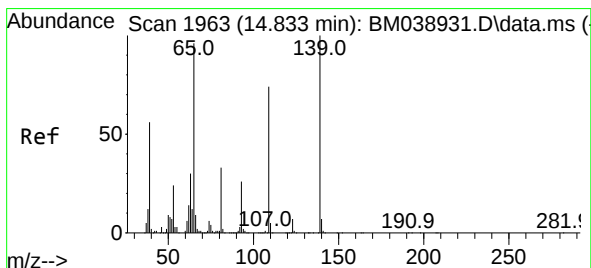
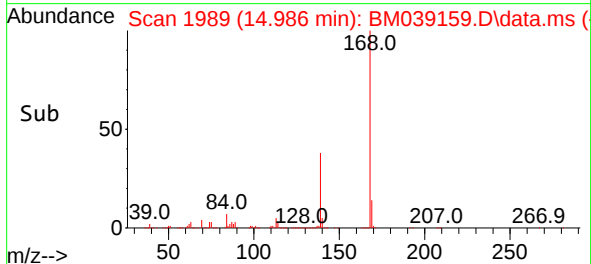
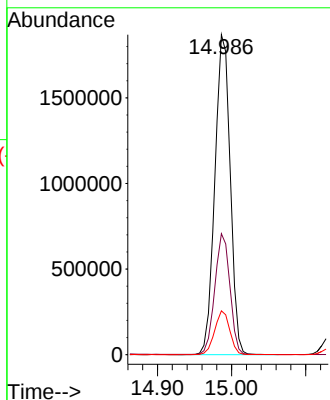
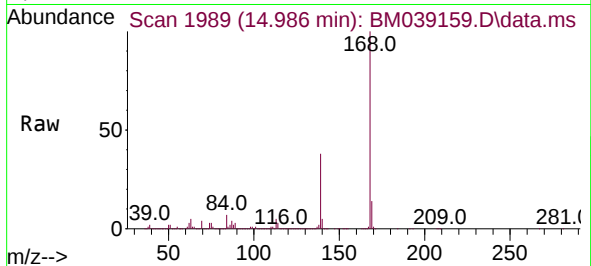




#55
Dibenzofuran
Concen: 41.827 ng
RT: 14.986 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

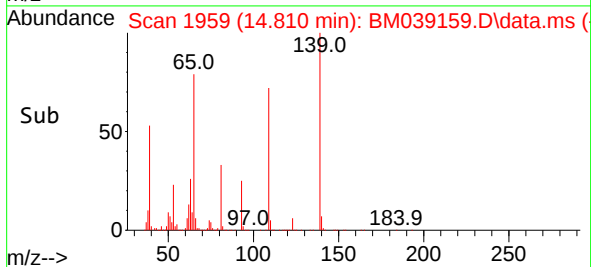
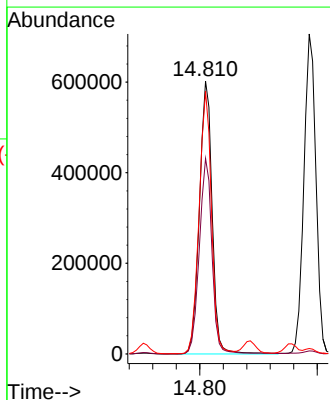
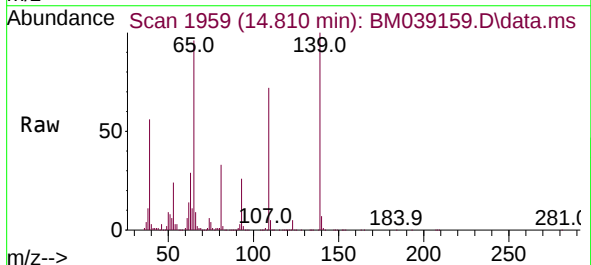
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

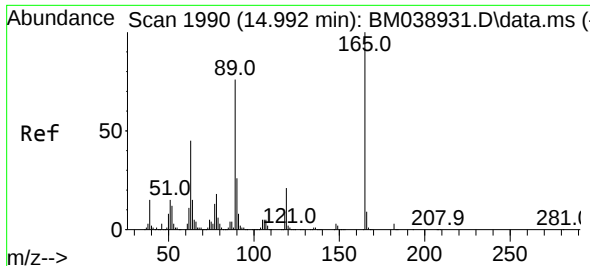
Tgt Ion:168 Resp: 2691229
Ion Ratio Lower Upper
168 100
139 37.8 29.9 44.9
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 89.724 ng
RT: 14.810 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:139 Resp: 901564
Ion Ratio Lower Upper
139 100
109 71.7 53.5 93.5
65 96.2 76.4 116.4

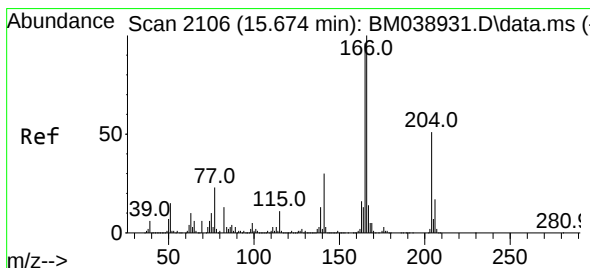
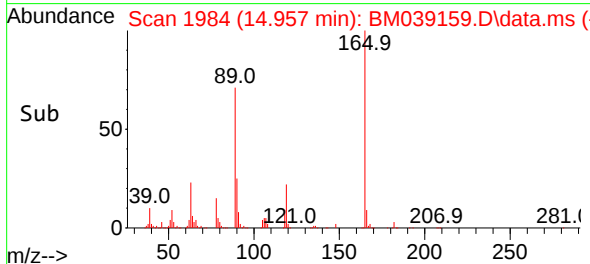
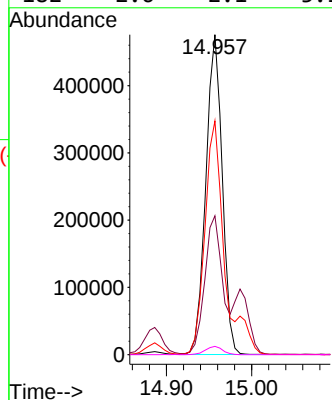
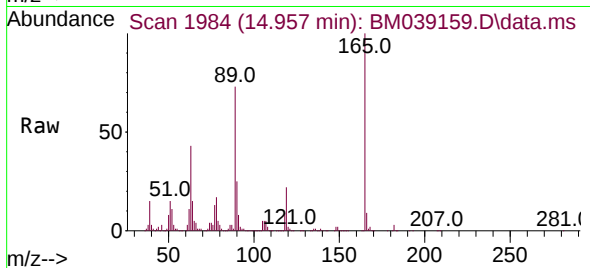




#57
2,4-Dinitrotoluene
Concen: 43.363 ng
RT: 14.957 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

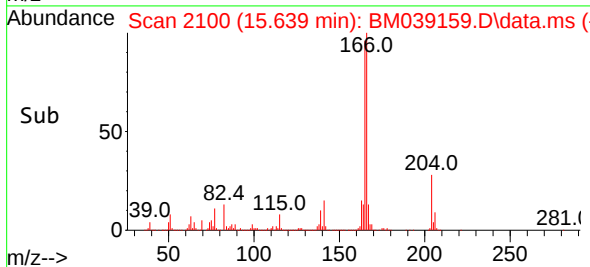
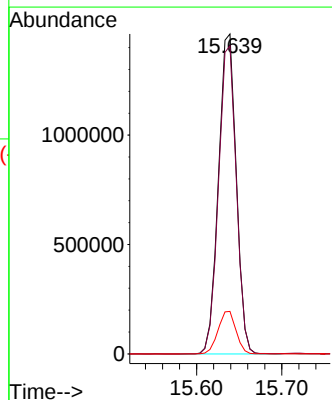
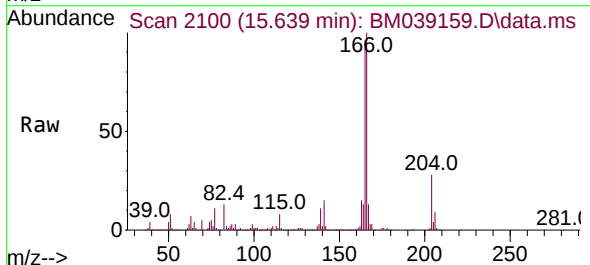
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

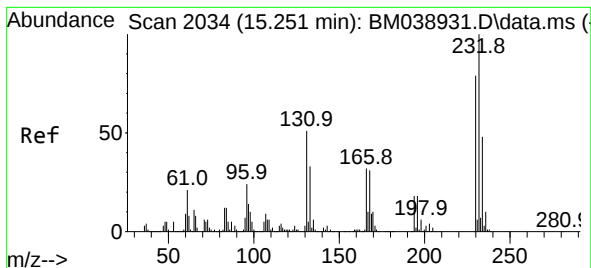
Tgt Ion:165 Resp: 635443
Ion Ratio Lower Upper
165 100
63 43.4 35.9 53.9
89 73.0 61.0 91.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 42.071 ng
RT: 15.639 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:166 Resp: 2120420
Ion Ratio Lower Upper
166 100
165 96.3 77.1 115.7
167 13.3 10.9 16.3

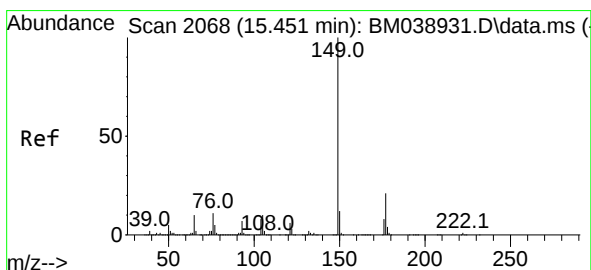
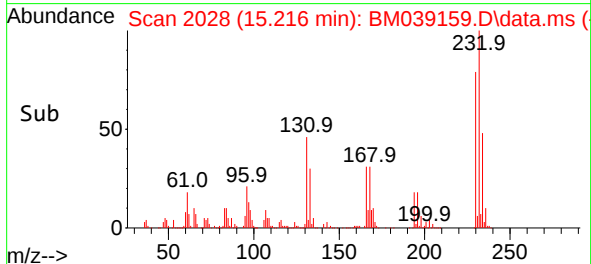
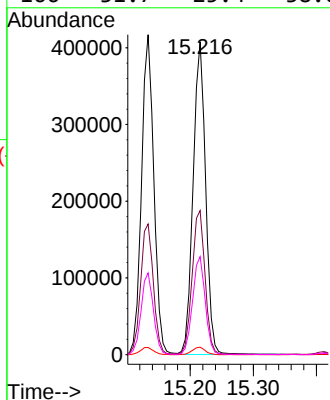
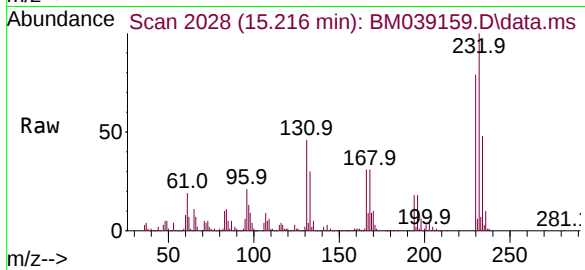




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.023 ng
RT: 15.216 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

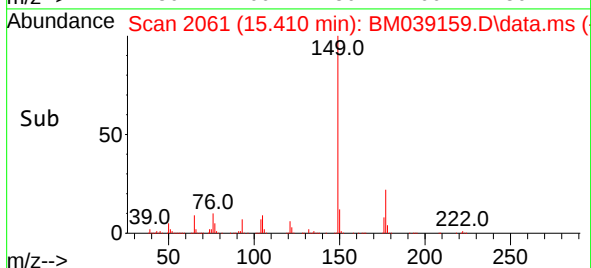
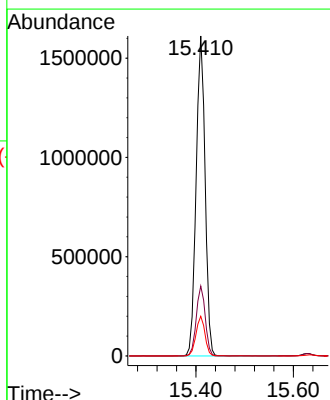
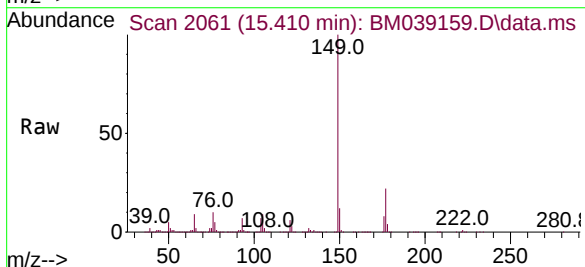
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

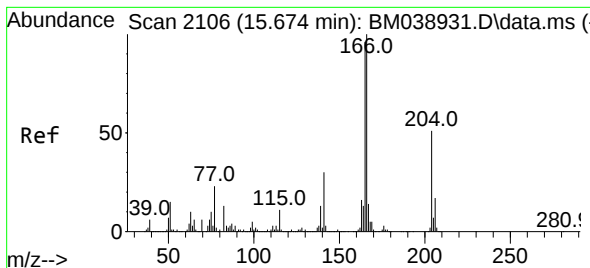
Tgt Ion:232 Resp: 562560
Ion Ratio Lower Upper
232 100
131 46.9 40.0 60.0
130 2.4 2.0 3.0
166 31.7 25.4 38.0



#60
Diethylphthalate
Concen: 41.682 ng
RT: 15.410 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:149 Resp: 2051944
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.4 9.7 14.5

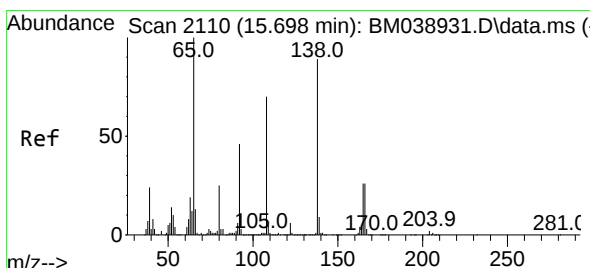
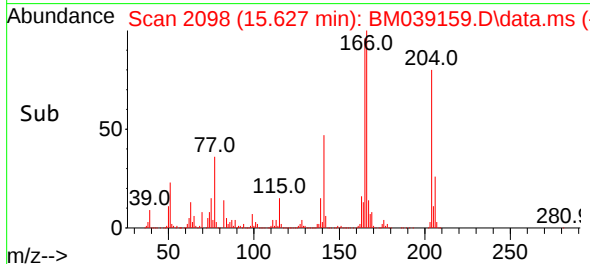
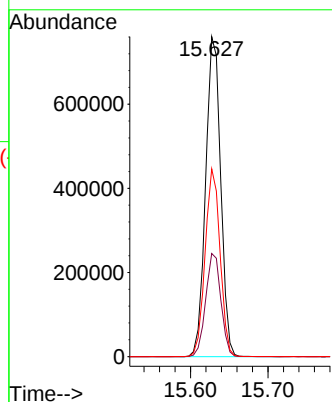
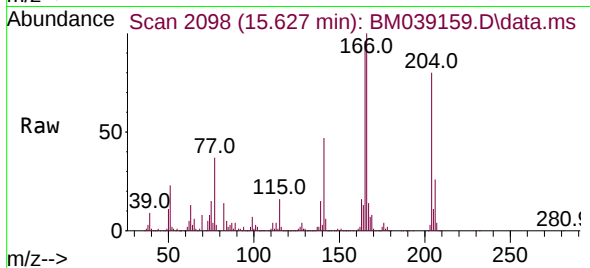




#61
4-Chlorophenyl-phenylether
Concen: 41.380 ng
RT: 15.627 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

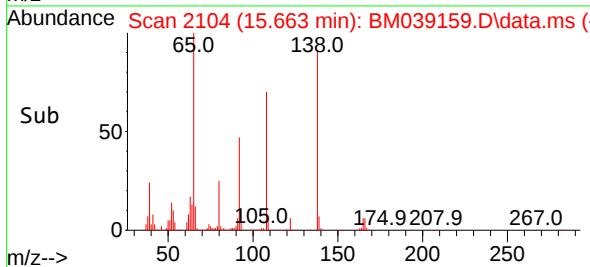
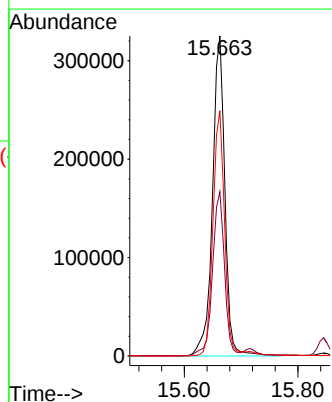
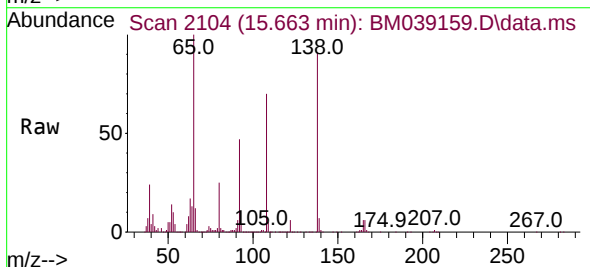
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

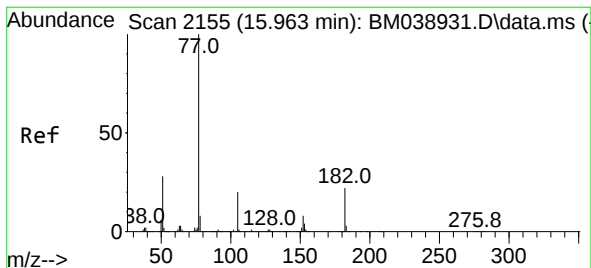
Tgt Ion:204 Resp: 1024602
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 58.7 46.4 69.6



#62
4-Nitroaniline
Concen: 37.556 ng
RT: 15.663 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:138 Resp: 494745
Ion Ratio Lower Upper
138 100
92 51.3 31.6 71.6
108 76.6 58.6 98.6





#63

Azobenzene

Concen: 41.823 ng

RT: 15.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

Tgt Ion: 77 Resp: 2178509

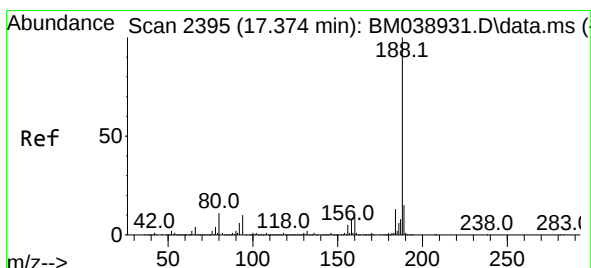
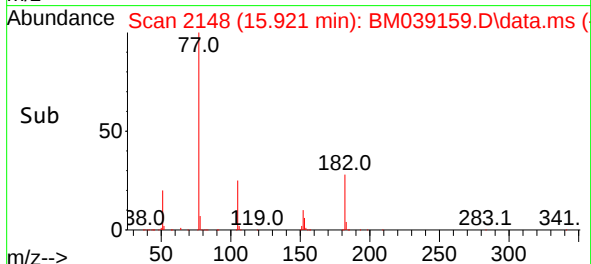
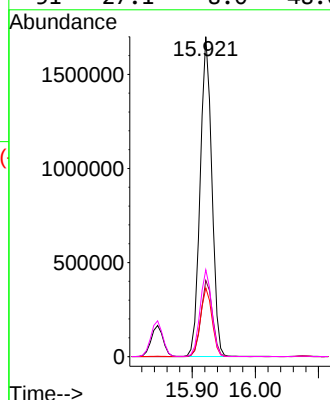
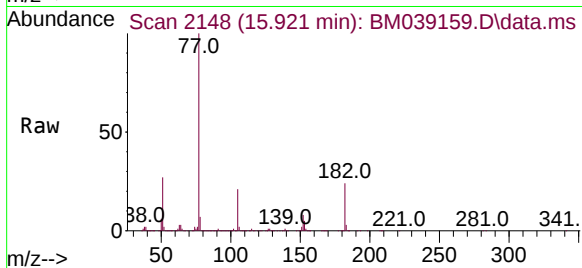
Ion Ratio Lower Upper

77 100

182 23.8 2.0 42.0

105 21.5 0.4 40.4

51 27.1 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2388

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

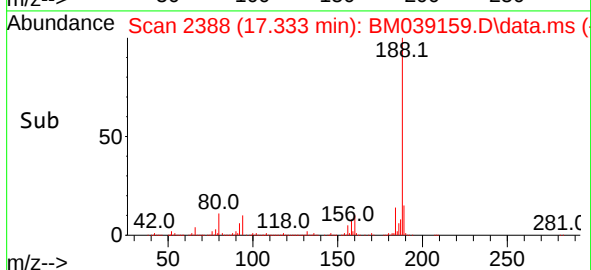
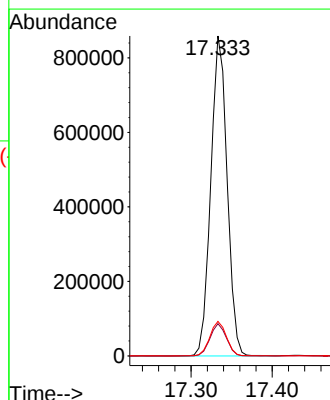
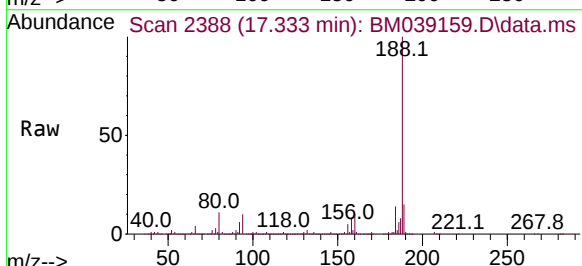
Tgt Ion:188 Resp: 1201805

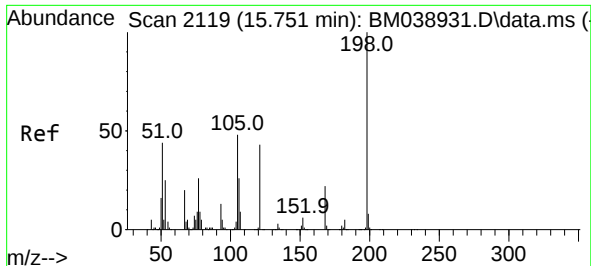
Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.8 8.5 12.7

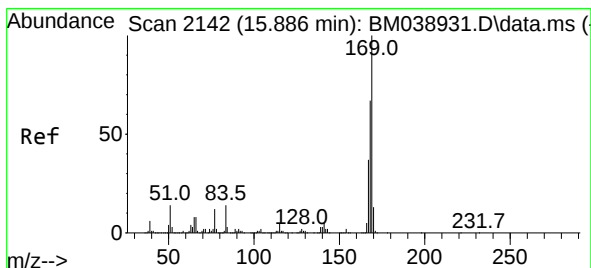
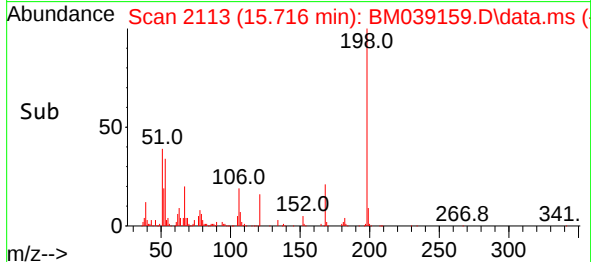
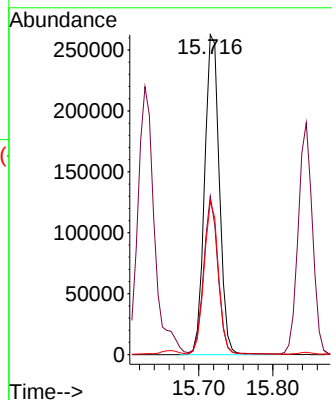
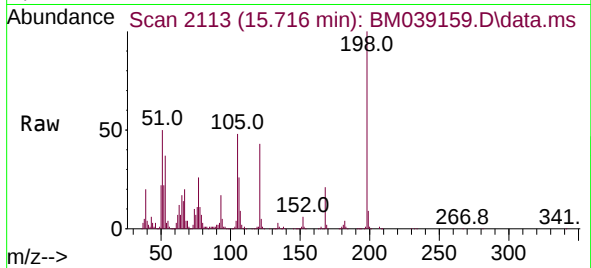




#65
4,6-Dinitro-2-methylphenol
Concen: 46.153 ng
RT: 15.716 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

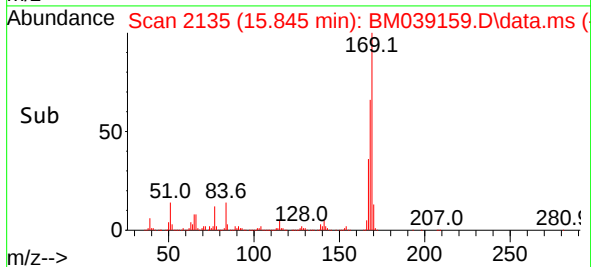
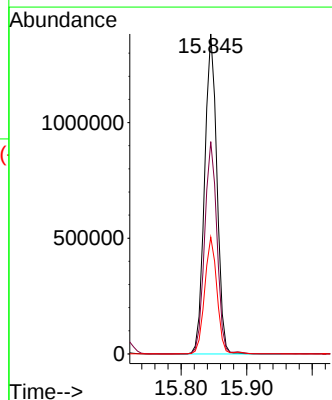
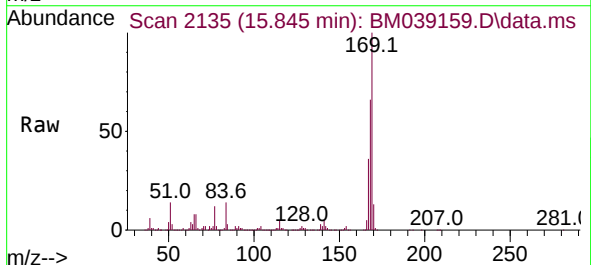
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

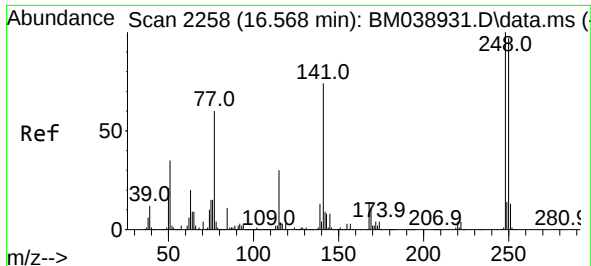
Tgt Ion:198 Resp: 362782
Ion Ratio Lower Upper
198 100
51 49.5 30.1 70.1
105 47.8 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 44.222 ng
RT: 15.845 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:169 Resp: 1791673
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.5 29.4 44.0

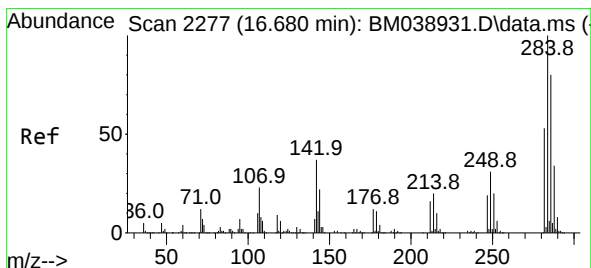
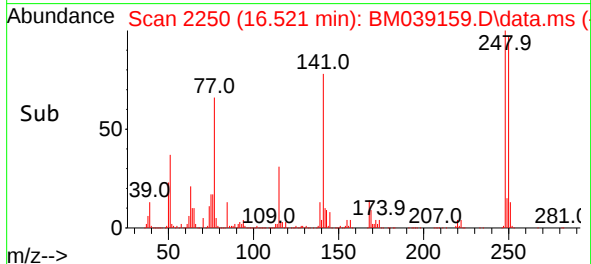
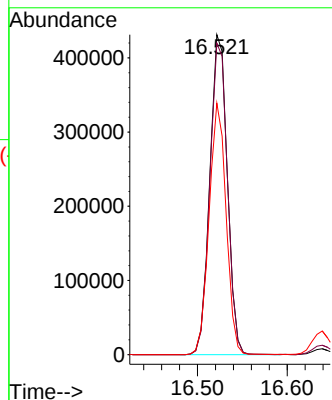
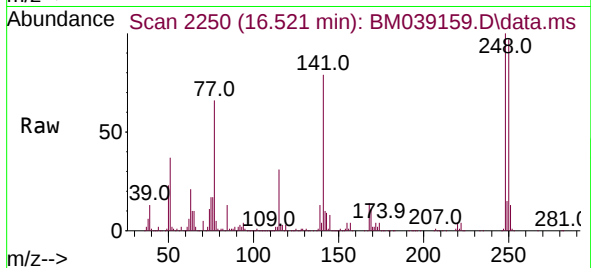




#67
4-Bromophenyl-phenylether
Concen: 44.976 ng
RT: 16.521 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

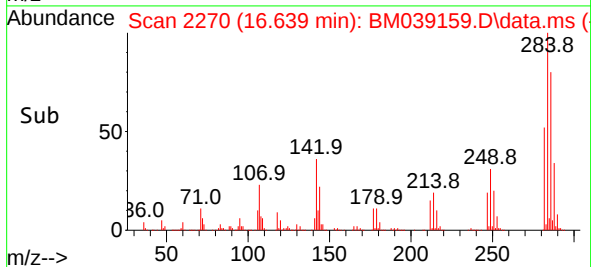
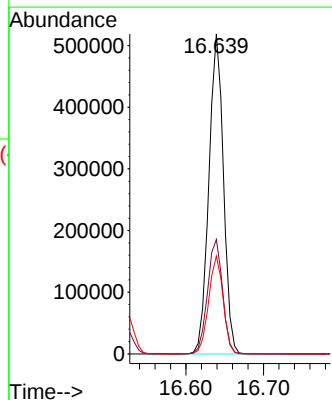
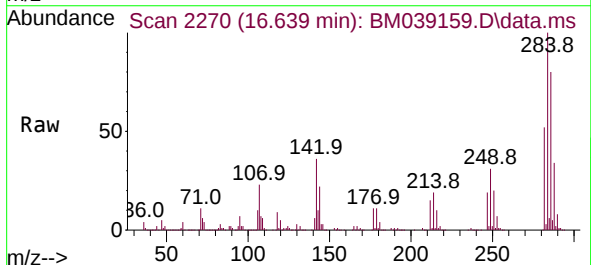
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

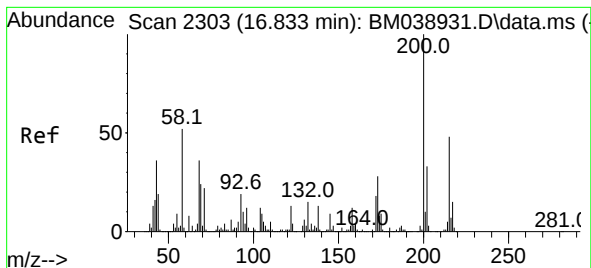
Tgt Ion:248 Resp: 583820
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 78.6 59.0 88.4



#68
Hexachlorobenzene
Concen: 46.635 ng
RT: 16.639 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:284 Resp: 676734
Ion Ratio Lower Upper
284 100
142 35.8 29.5 44.3
249 30.6 25.0 37.4





#69

Atrazine

Concen: 49.389 ng

RT: 16.798 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

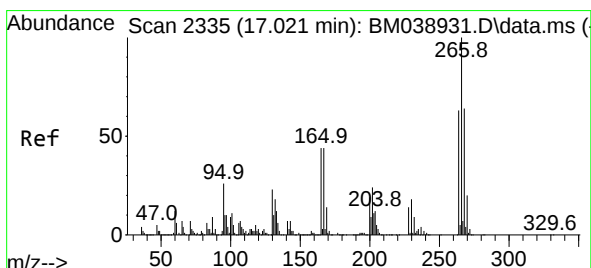
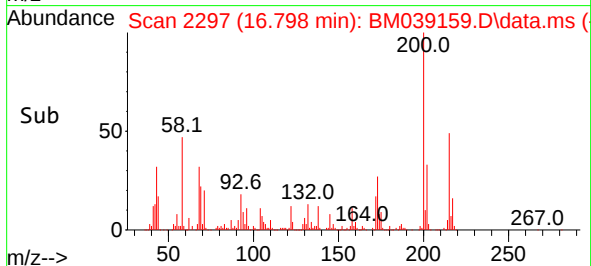
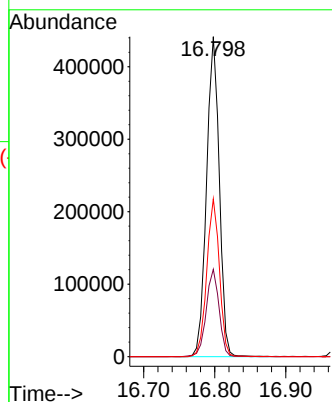
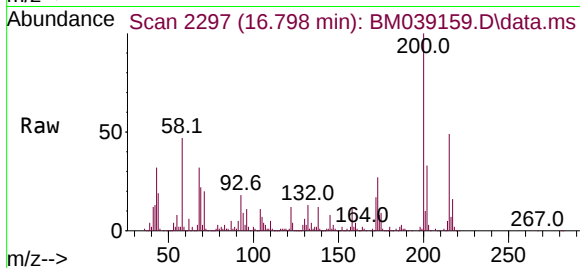
Tgt Ion:200 Resp: 546562

Ion Ratio Lower Upper

200 100

173 27.3 8.2 48.2

215 49.3 27.8 67.8



#70

Pentachlorophenol

Concen: 81.786 ng

RT: 16.986 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

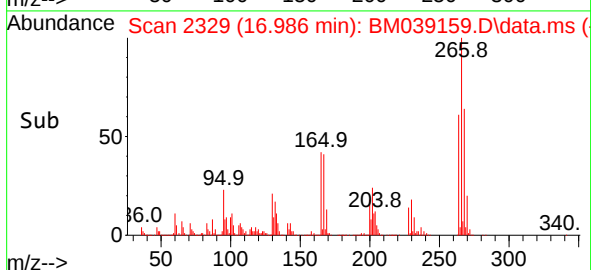
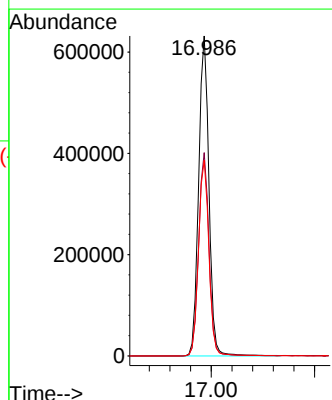
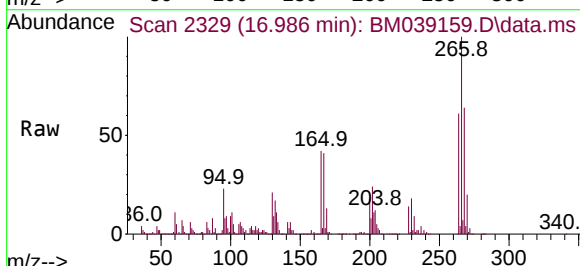
Tgt Ion:266 Resp: 872901

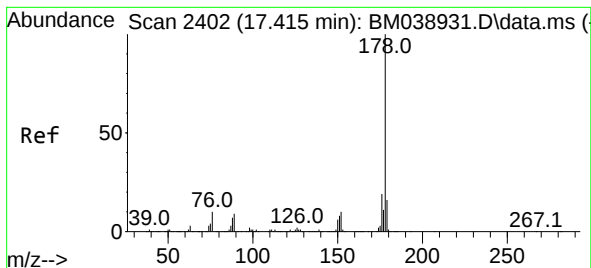
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.4

264 61.1 50.3 75.5

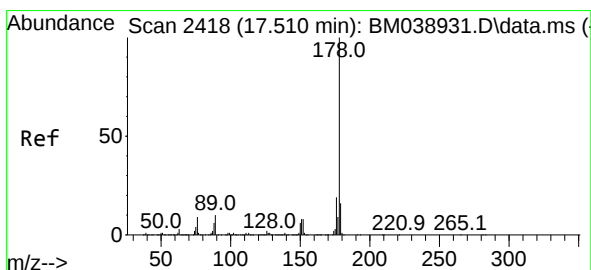
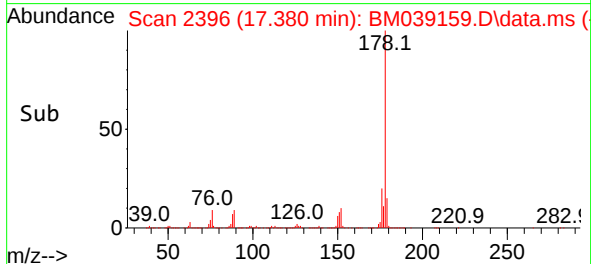
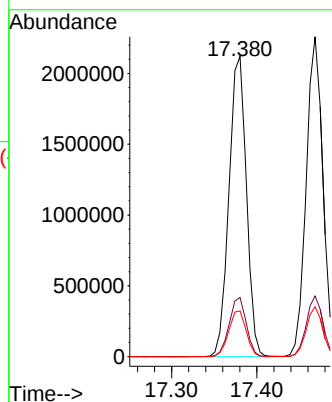
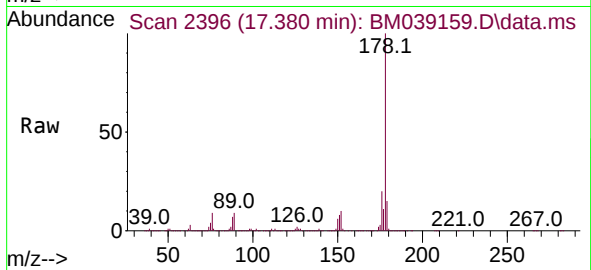




#71
Phenanthrene
Concen: 42.725 ng
RT: 17.380 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

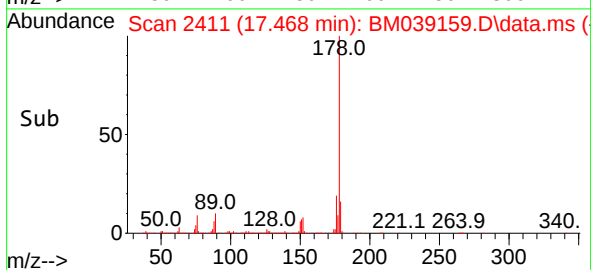
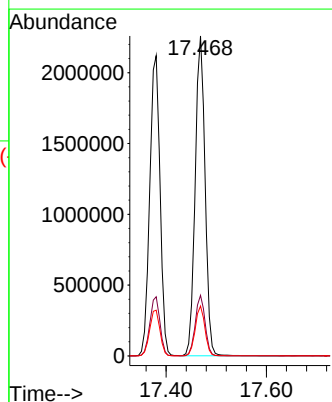
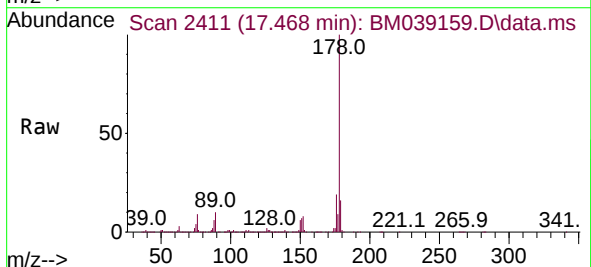
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

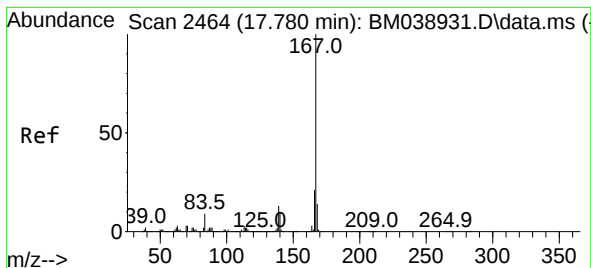
Tgt Ion:178 Resp: 3013573
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.2 12.5 18.7



#72
Anthracene
Concen: 43.775 ng
RT: 17.468 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:178 Resp: 3079195
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.6 12.5 18.7





#73

Carbazole

Concen: 43.173 ng

RT: 17.739 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

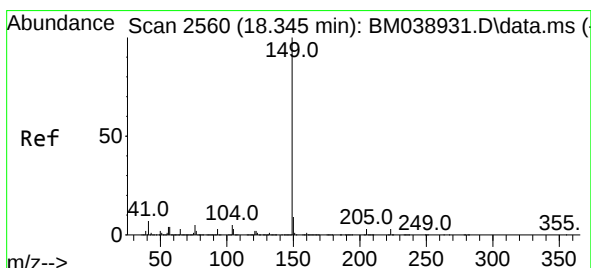
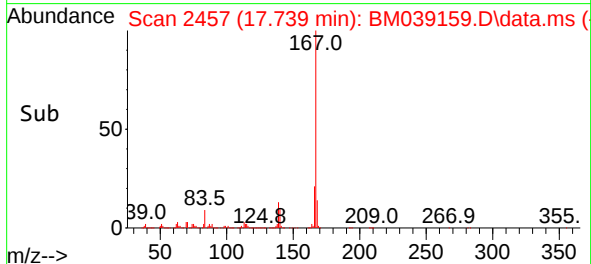
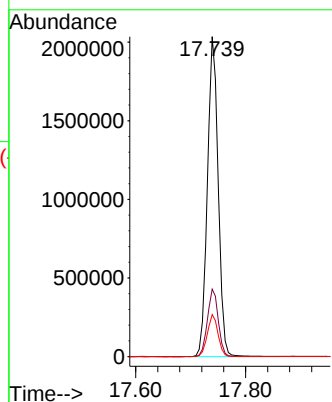
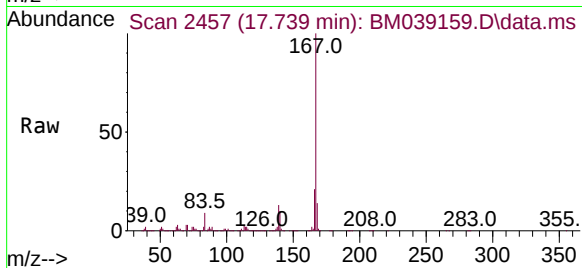
Tgt Ion:167 Resp: 2771574

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 40.300 ng

RT: 18.304 min Scan# 2553

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

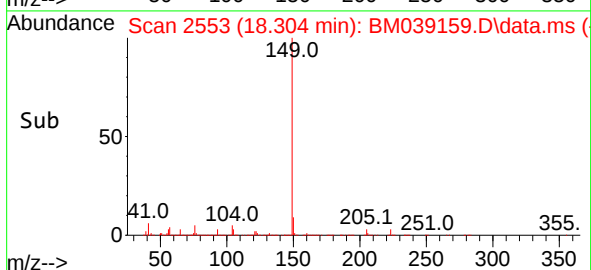
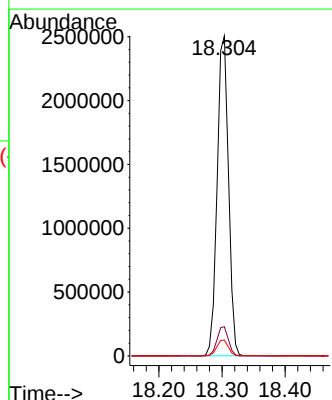
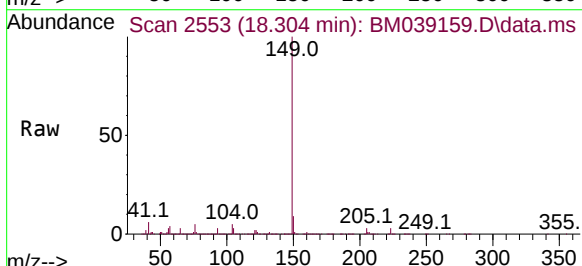
Tgt Ion:149 Resp: 3132059

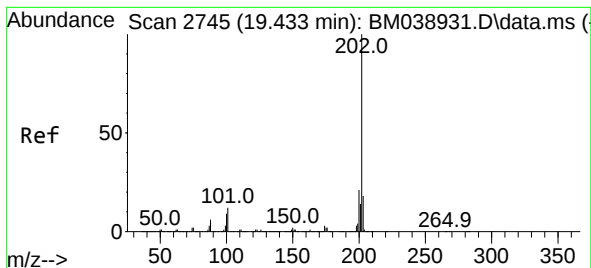
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.9 4.3 6.5

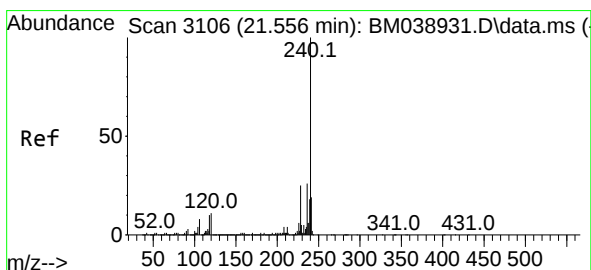
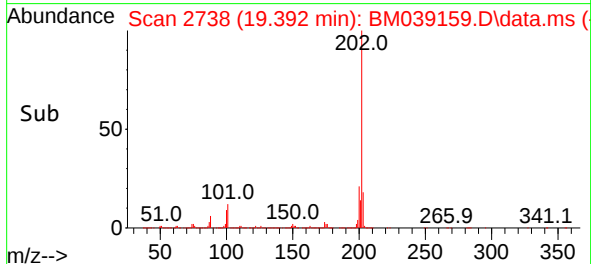
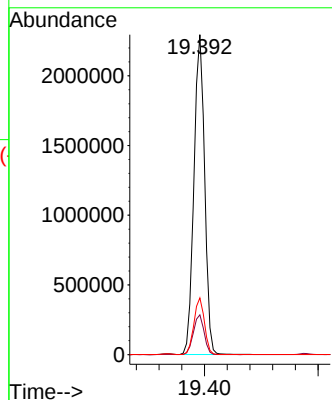
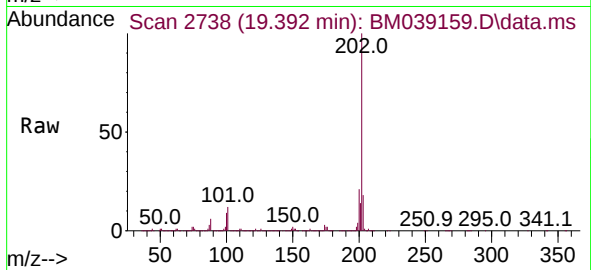




#75
Fluoranthene
Concen: 40.093 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

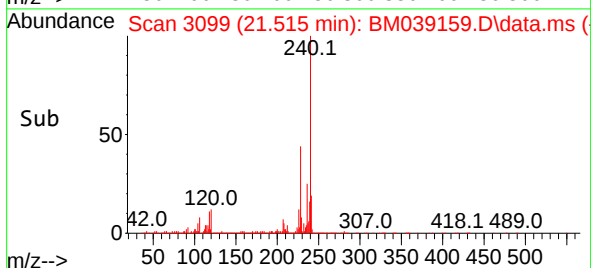
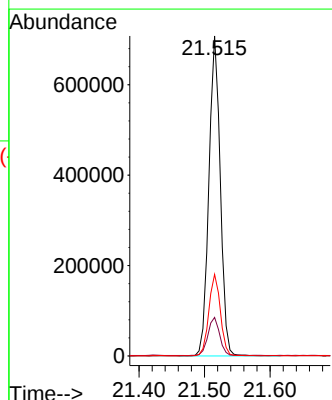
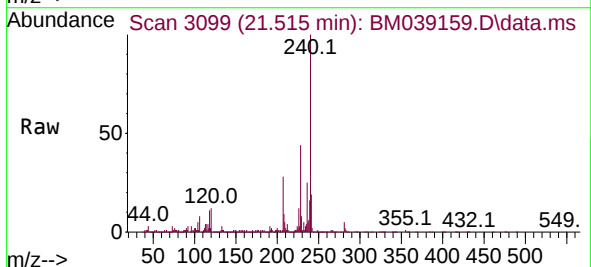
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

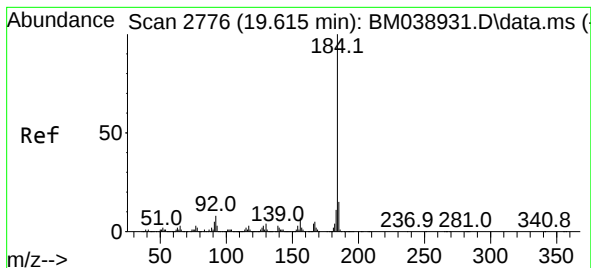
Tgt Ion:202 Resp: 2985897
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:240 Resp: 851363
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.5 20.8 31.2





#77

Benzidine

Concen: 70.877 ng

RT: 19.580 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

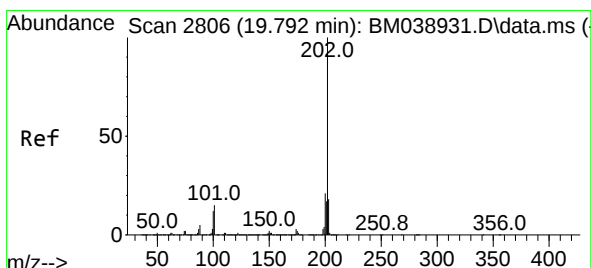
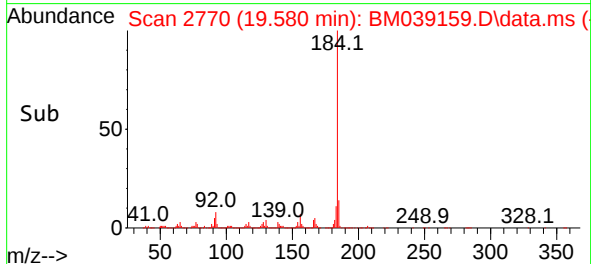
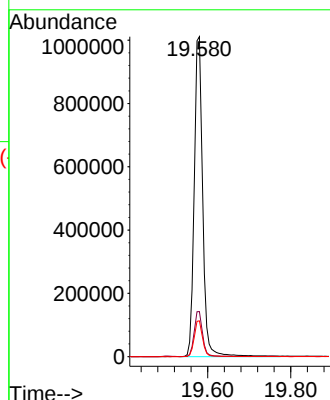
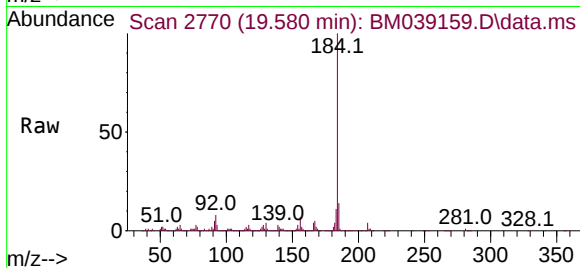
Tgt Ion:184 Resp: 1425658

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

183 11.2 8.8 13.2



#78

Pyrene

Concen: 48.983 ng

RT: 19.757 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

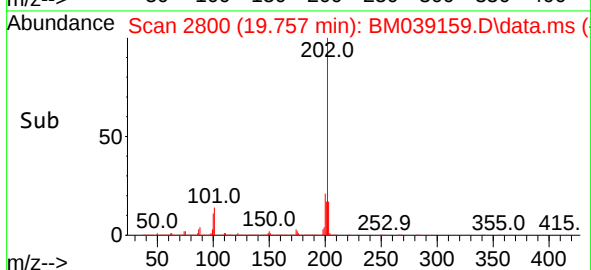
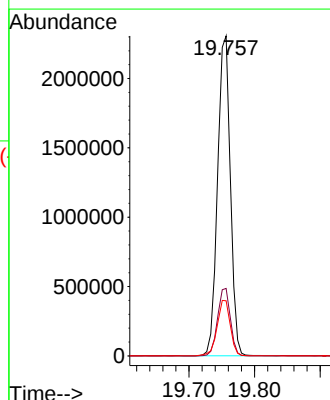
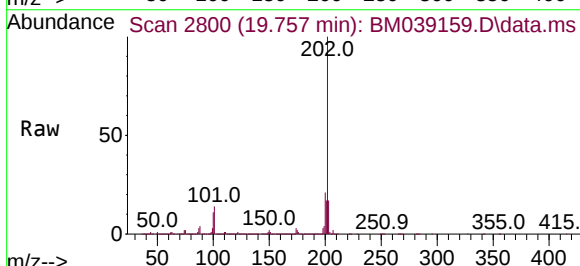
Tgt Ion:202 Resp: 3132200

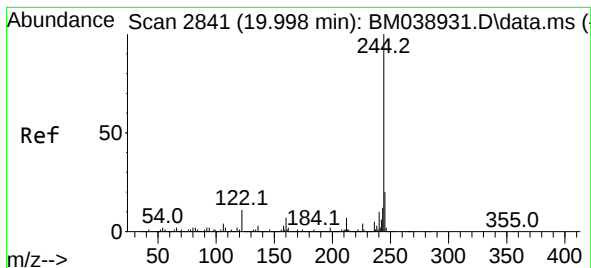
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 104.331 ng

RT: 19.956 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

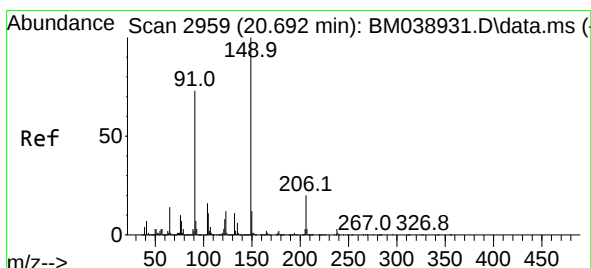
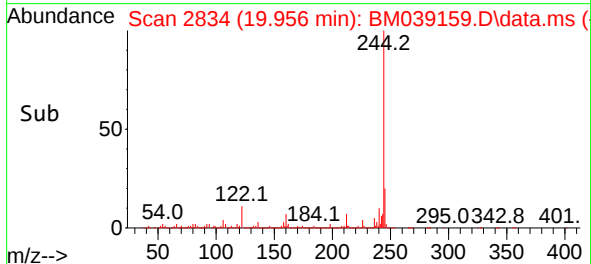
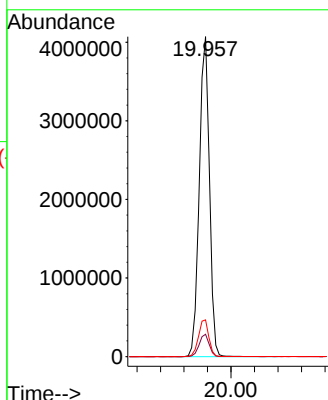
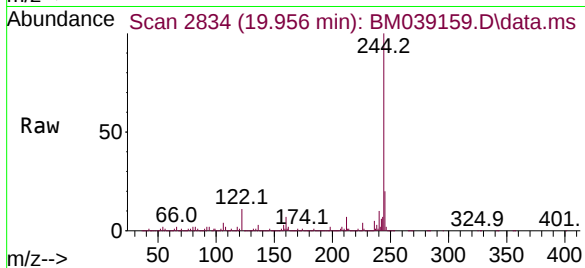
Tgt Ion:244 Resp: 4858156

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 45.820 ng

RT: 20.651 min Scan# 2952

Delta R.T. 0.006 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

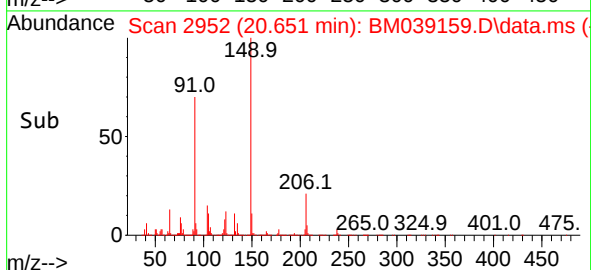
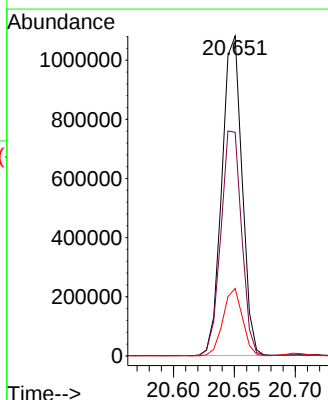
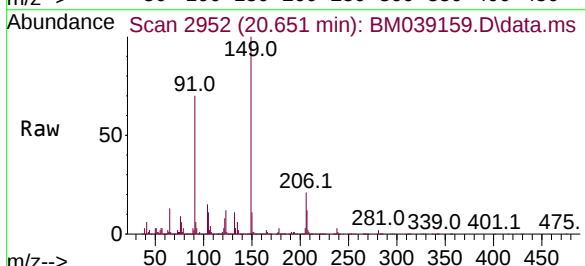
Tgt Ion:149 Resp: 1241415

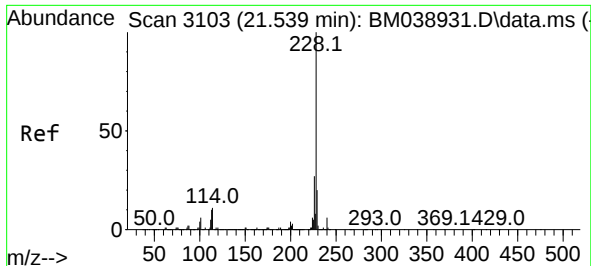
Ion Ratio Lower Upper

149 100

91 69.9 58.4 87.6

206 21.1 16.1 24.1

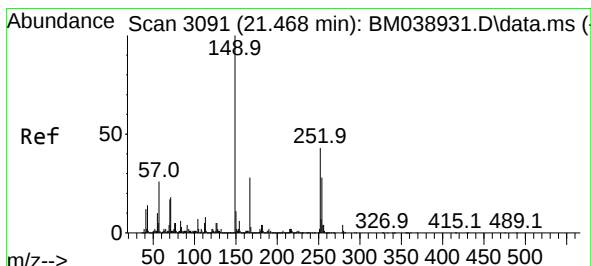
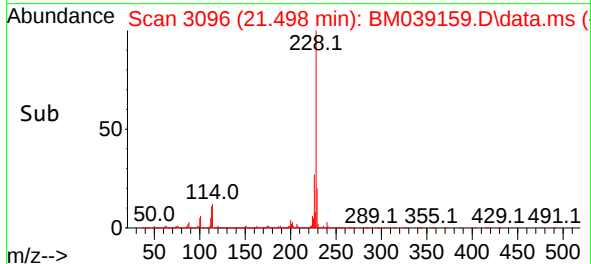
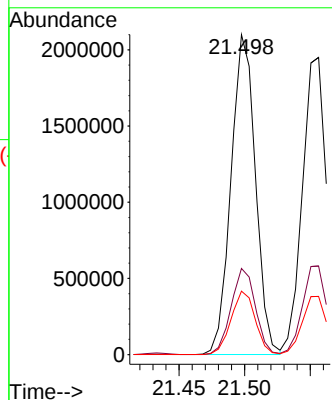
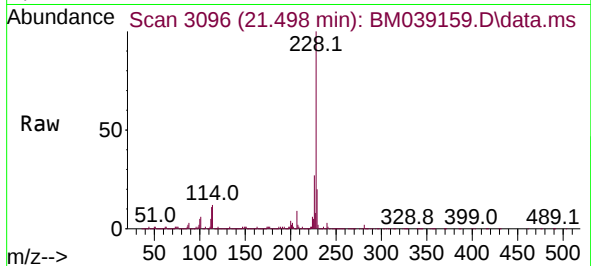




#81
Benzo(a)anthracene
Concen: 44.418 ng
RT: 21.498 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

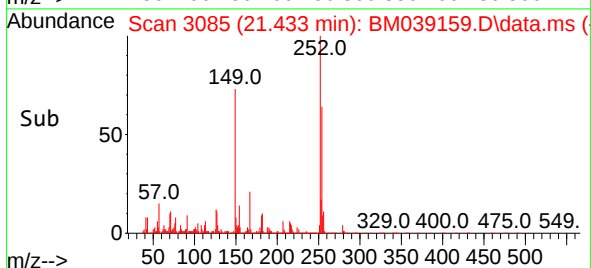
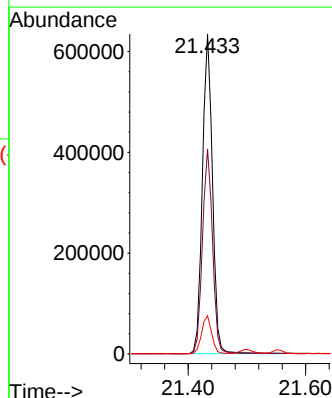
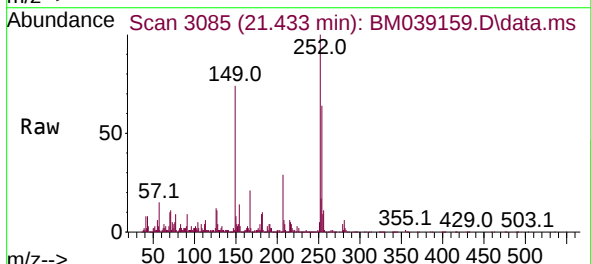
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

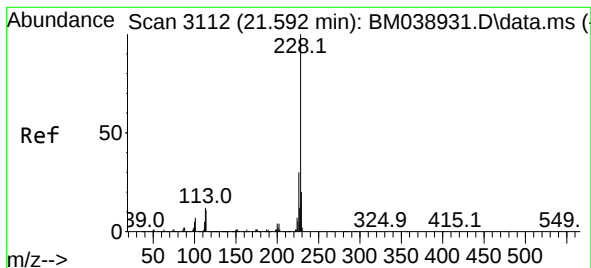
Tgt Ion:228 Resp: 2723310
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.864 ng
RT: 21.433 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:252 Resp: 751165
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 11.9 9.9 14.9





#83

Chrysene

Concen: 42.561 ng

RT: 21.556 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

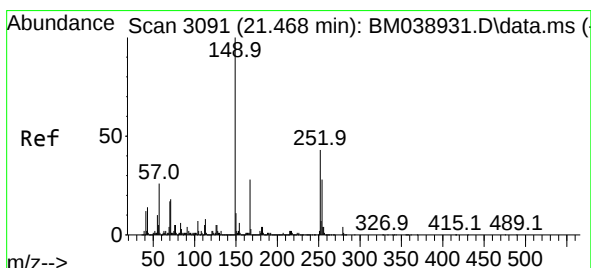
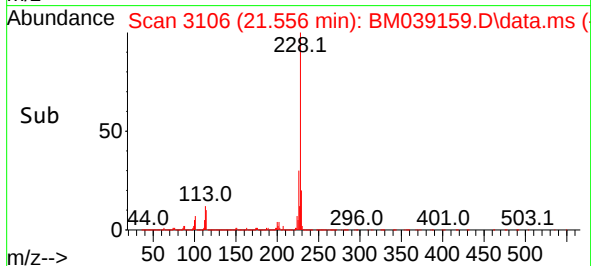
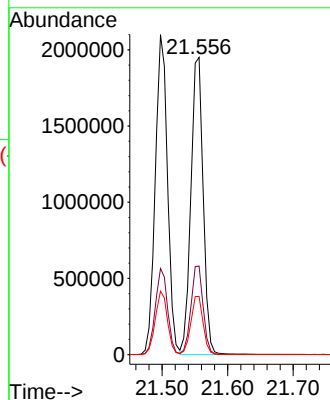
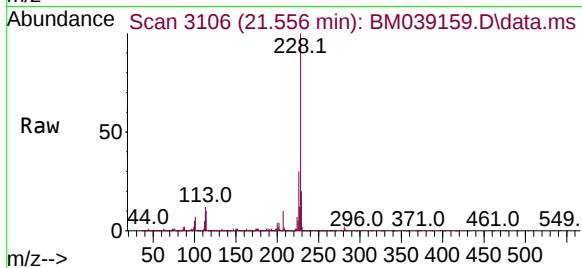
Tgt Ion:228 Resp: 2537944

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.507 ng

RT: 21.421 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

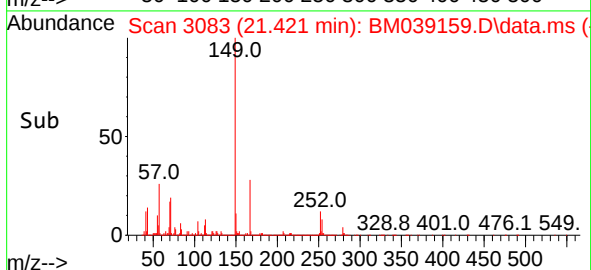
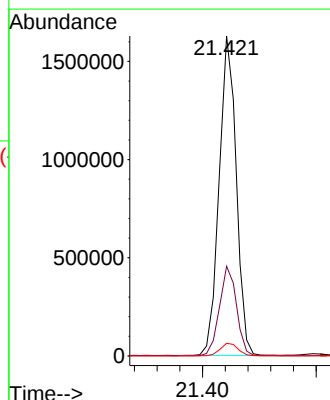
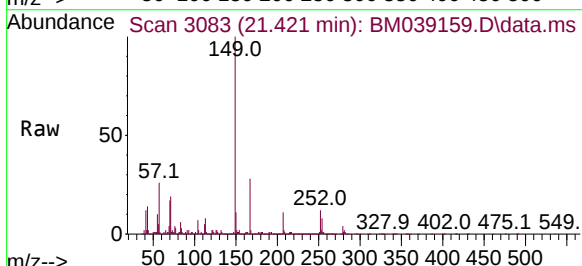
Tgt Ion:149 Resp: 1700725

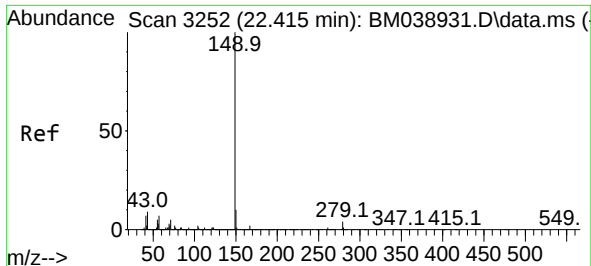
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 3.9 3.2 4.8

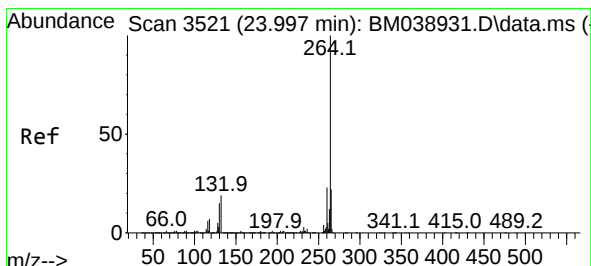
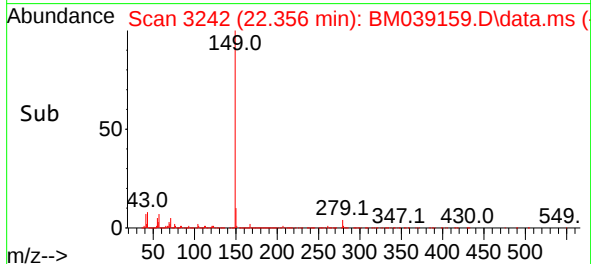
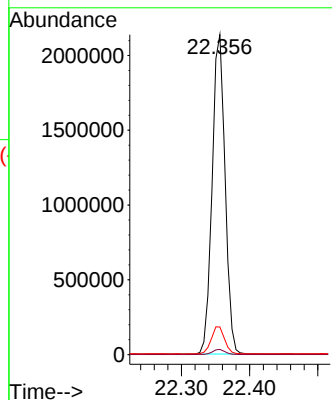
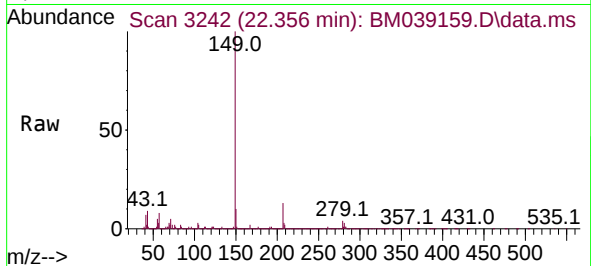




#85
Di-n-octyl phthalate
Concen: 43.551 ng
RT: 22.356 min Scan# 311
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

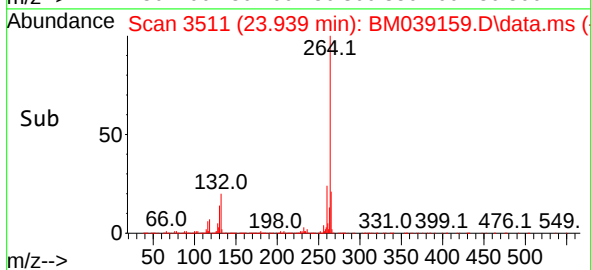
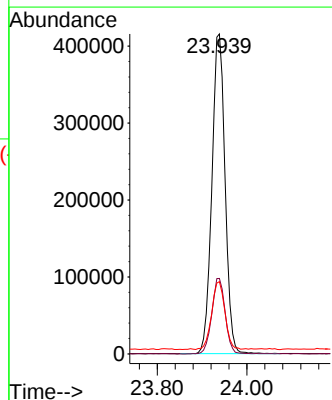
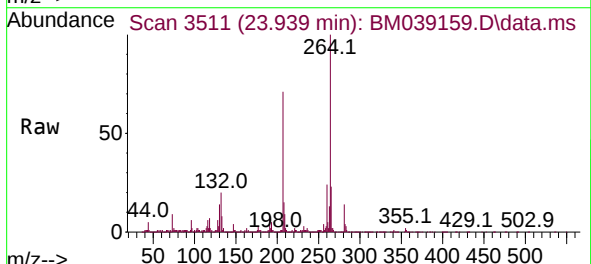
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

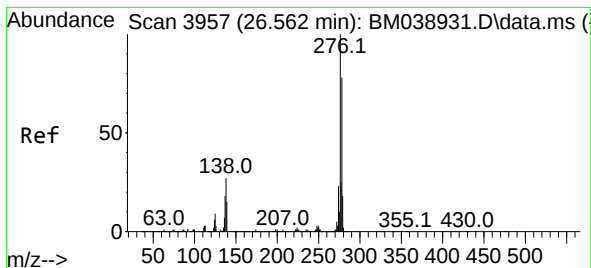
Tgt Ion:149 Resp: 2816251
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.939 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:264 Resp: 847376
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.202 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

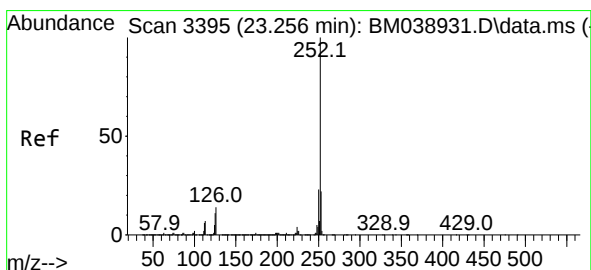
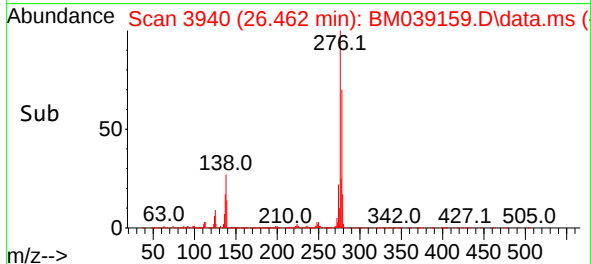
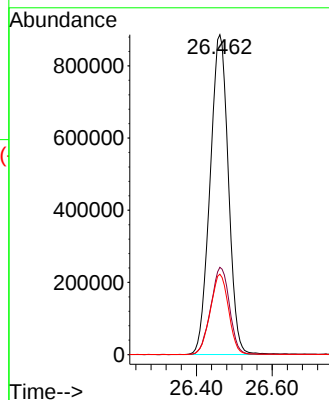
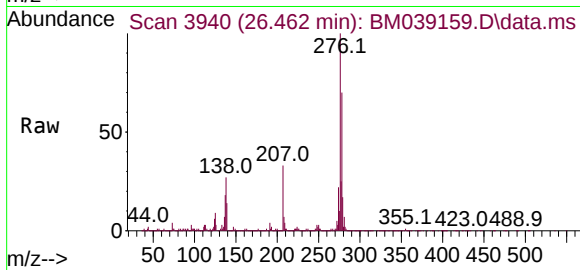
Tgt Ion:276 Resp: 2979057

Ion Ratio Lower Upper

276 100

138 27.9 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.058 ng

RT: 23.197 min Scan# 3385

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

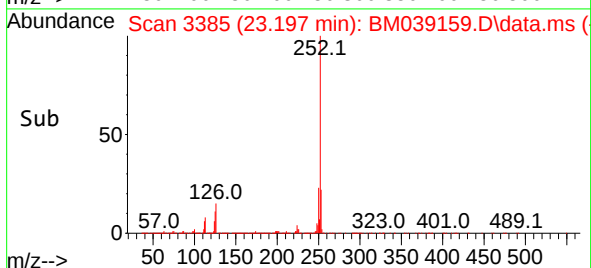
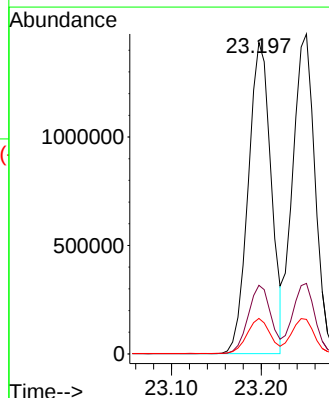
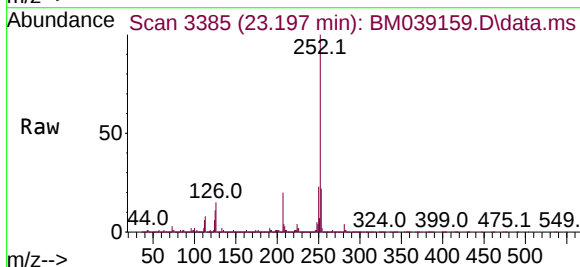
Tgt Ion:252 Resp: 2547530

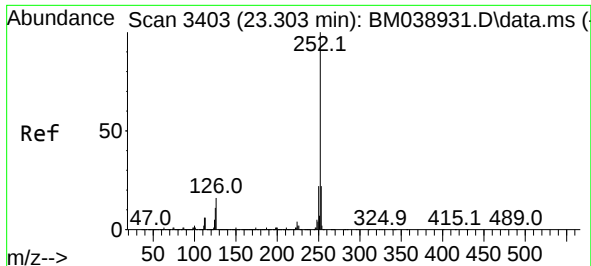
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.4 8.8 13.2

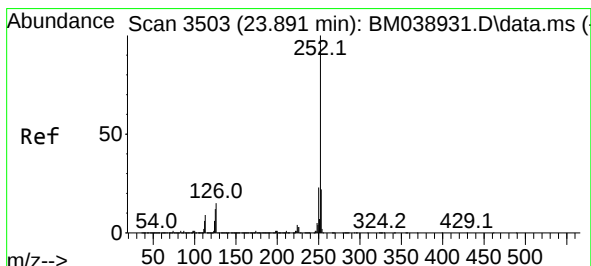
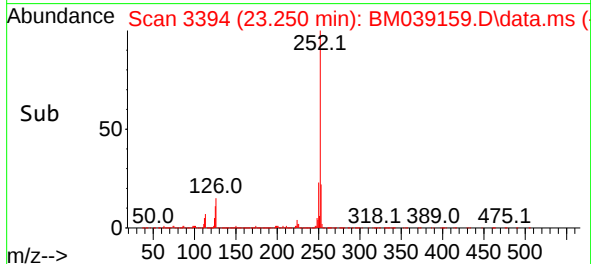
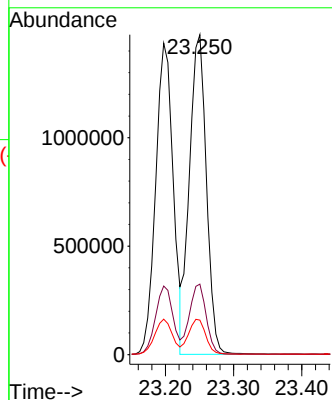
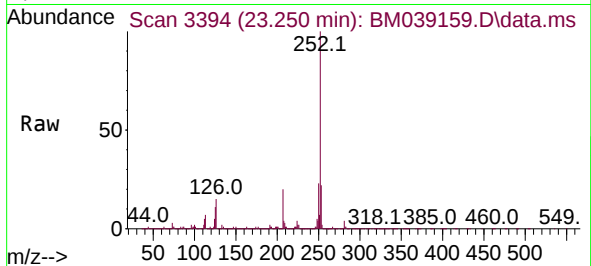




#89
Benzo(k)fluoranthene
Concen: 45.319 ng
RT: 23.250 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

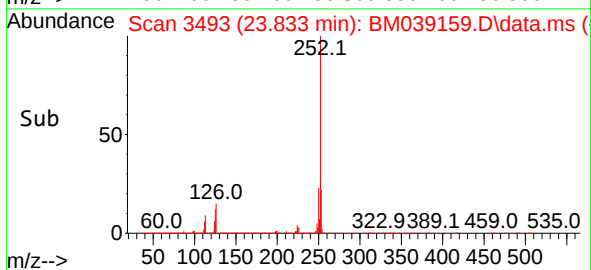
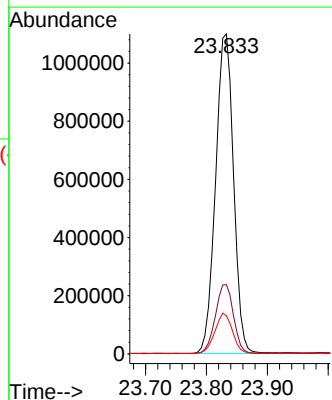
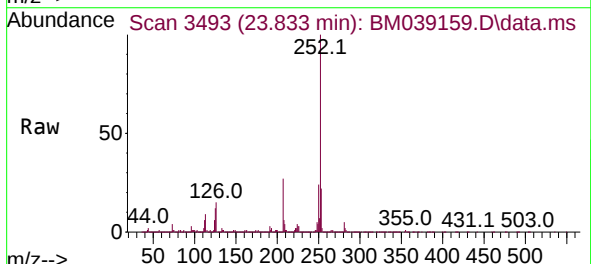
Instrument :
BNA_M
ClientSampleId :
PB151521BSD

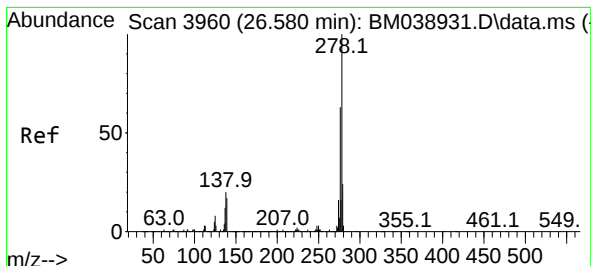
Tgt Ion:252 Resp: 2553218
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 43.303 ng
RT: 23.833 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BM039159.D
Acq: 27 Mar 2023 13:31

Tgt Ion:252 Resp: 2256151
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 11.9 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 45.646 ng

RT: 26.480 min Scan# 39

Delta R.T. 0.000 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB151521BSD

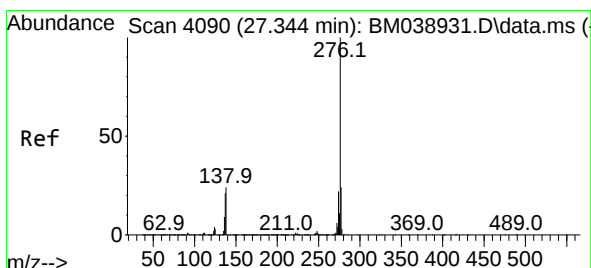
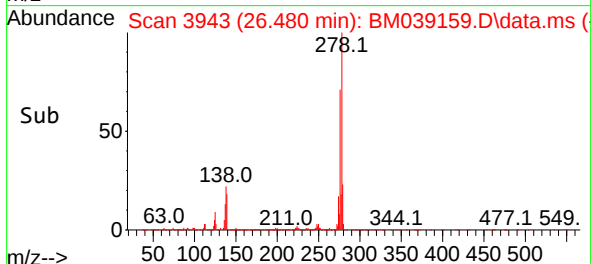
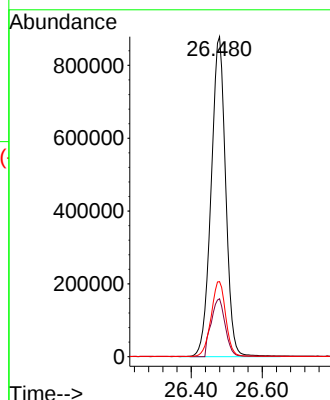
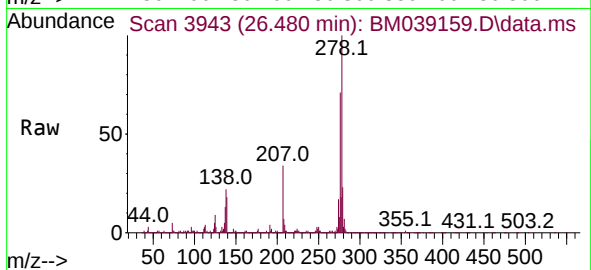
Tgt Ion:278 Resp: 2492550

Ion Ratio Lower Upper

278 100

139 18.1 13.7 20.5

279 23.4 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.140 ng

RT: 27.238 min Scan# 4072

Delta R.T. -0.006 min

Lab File: BM039159.D

Acq: 27 Mar 2023 13:31

Tgt Ion:276 Resp: 2464971

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 23.4 19.0 28.6

