

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039158.D
 Acq On : 27 Mar 2023 12:53
 Operator : CG/JU
 Sample : PB151521BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151521BS

Quant Time: Mar 28 01:48:01 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	7.945	152	284734	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1175859	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	632555	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1158139	20.000	ng	0.00
76) Chrysene-d12	21.515	240	838994	20.000	ng	0.00
86) Perylene-d12	23.933	264	849522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1919851	102.440	ng	0.00
7) Phenol-d6	7.116	99	2382441	97.870	ng	0.00
23) Nitrobenzene-d5	9.116	82	2184749	91.267	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	664893	90.861	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	4280762	88.098	ng	0.00
79) Terphenyl-d14	19.956	244	4761862	103.770	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	302222	36.248	ng	99
3) Pyridine	3.781	79	806769	34.890	ng	99
4) n-Nitrosodimethylamine	3.687	42	398602	42.362	ng	94
6) Aniline	7.269	93	1193953	37.355	ng	99
8) 2-Chlorophenol	7.510	128	989963	49.616	ng	98
9) Benzaldehyde	7.081	77	650709	56.174	ng	98
10) Phenol	7.140	94	1271269	49.177	ng	98
11) bis(2-Chloroethyl)ether	7.369	93	943645	44.898	ng	99
12) 1,3-Dichlorobenzene	7.834	146	998133	47.073	ng	98
13) 1,4-Dichlorobenzene	7.981	146	1018931	47.249	ng	100
14) 1,2-Dichlorobenzene	8.298	146	987546	47.541	ng	99
15) Benzyl Alcohol	8.192	79	845778	48.474	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1203526	45.341	ng	99
17) 2-Methylphenol	8.398	107	818613	46.098	ng	98
18) Hexachloroethane	9.028	117	386622	48.592	ng	95
19) n-Nitroso-di-n-propyla...	8.763	70	716562	46.734	ng	98
20) 3+4-Methylphenols	8.728	107	1101479	46.454	ng	100
22) Acetophenone	8.775	105	1458804	44.219	ng	99
24) Nitrobenzene	9.157	77	1078196	42.853	ng	99
25) Isophorone	9.686	82	1910223	43.364	ng	99
26) 2-Nitrophenol	9.869	139	518202	46.729	ng	97
27) 2,4-Dimethylphenol	9.933	122	880735	45.886	ng	99
28) bis(2-Chloroethoxy)met...	10.169	93	1198003	42.326	ng	100
29) 2,4-Dichlorophenol	10.410	162	855057	46.988	ng	99
30) 1,2,4-Trichlorobenzene	10.622	180	879951	44.250	ng	99
31) Naphthalene	10.810	128	2843455	42.408	ng	100
32) Benzoic acid	10.086	122	663622	47.228	ng	99
33) 4-Chloroaniline	10.922	127	382791	13.396	ng	99
34) Hexachlorobutadiene	11.092	225	494450	43.359	ng	99
35) Caprolactam	11.722	113	259309	46.819	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	867519	44.769	ng	99
37) 2-Methylnaphthalene	12.416	142	1821959	40.542	ng	100
38) 1-Methylnaphthalene	12.633	142	1705729	40.502	ng	99
40) 1,2,4,5-Tetrachloroben...	12.786	216	920982	44.786	ng	99
41) Hexachlorocyclopentadiene	12.763	237	1089412	96.513	ng	99
43) 2,4,6-Trichlorophenol	13.027	196	625630	46.982	ng	99

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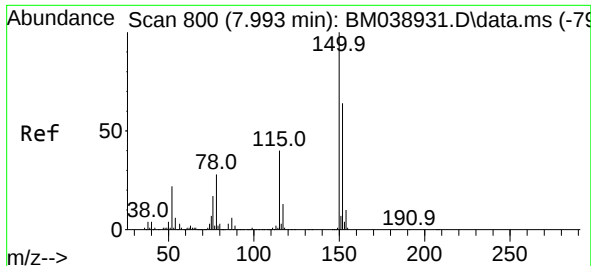
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	667315	42.813	ng	97
46) 1,1'-Biphenyl	13.427	154	2353790	43.923	ng	98
47) 2-Chloronaphthalene	13.469	162	1811036	44.817	ng	99
48) 2-Nitroaniline	13.674	65	555869	43.197	ng	95
49) Acenaphthylene	14.310	152	2814696	43.729	ng	99
50) Dimethylphthalate	14.051	163	2011400	41.323	ng	99
51) 2,6-Dinitrotoluene	14.169	165	454059	42.358	ng	97
52) Acenaphthene	14.651	154	1650722	41.730	ng	99
53) 3-Nitroaniline	14.498	138	288736	23.774	ng	94
54) 2,4-Dinitrophenol	14.710	184	591568	94.599	ng	89
55) Dibenzofuran	14.986	168	2580098	41.681	ng	100
56) 4-Nitrophenol	14.810	139	873715	90.382	ng	98
57) 2,4-Dinitrotoluene	14.957	165	607606	43.111	ng	96
58) Fluorene	15.639	166	2037267	42.015	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	535755	44.569	ng	98
60) Diethylphthalate	15.410	149	1951506	41.205	ng	99
61) 4-Chlorophenyl-phenyle...	15.627	204	979990	41.139	ng	99
62) 4-Nitroaniline	15.663	138	477223	37.650	ng	98
63) Azobenzene	15.921	77	2073341	41.373	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	351485	46.374	ng	98
66) n-Nitrosodiphenylamine	15.845	169	1699490	43.528	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	560301	44.791	ng	98
68) Hexachlorobenzene	16.639	284	647763	46.322	ng	99
69) Atrazine	16.798	200	528242	49.533	ng	99
70) Pentachlorophenol	16.986	266	837933	81.469	ng	100
71) Phenanthrene	17.380	178	2902066	42.695	ng	99
72) Anthracene	17.468	178	2946212	43.464	ng	99
73) Carbazole	17.739	167	2693589	43.540	ng	99
74) Di-n-butylphthalate	18.304	149	3006253	40.147	ng	99
75) Fluoranthene	19.392	202	2901781	40.433	ng	99
77) Benzidine	19.580	184	1398382	70.569	ng	98
78) Pyrene	19.750	202	3054034	48.465	ng	100
80) Butylbenzylphthalate	20.650	149	1215500	45.546	ng	97
81) Benzo(a)anthracene	21.497	228	2725185	45.104	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	733135	39.481	ng	100
83) Chrysene	21.550	228	2526350	42.992	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	1657297	43.049	ng	100
85) Di-n-octyl phthalate	22.350	149	2787780	43.729	ng	98
87) Indeno(1,2,3-cd)pyrene	26.462	276	2965595	45.877	ng	100
88) Benzo(b)fluoranthene	23.197	252	2573712	47.422	ng	100
89) Benzo(k)fluoranthene	23.250	252	2539552	44.962	ng	99
90) Benzo(a)pyrene	23.827	252	2262996	43.325	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	2472603	45.166	ng	99
92) Benzo(g,h,i)perylene	27.238	276	2445726	45.664	ng	99

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

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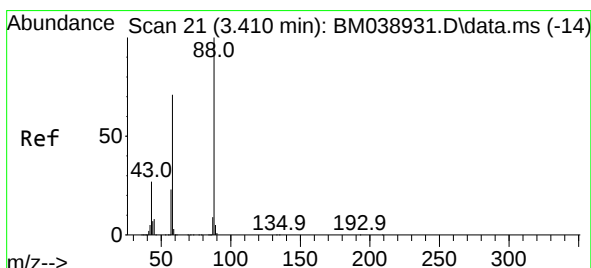
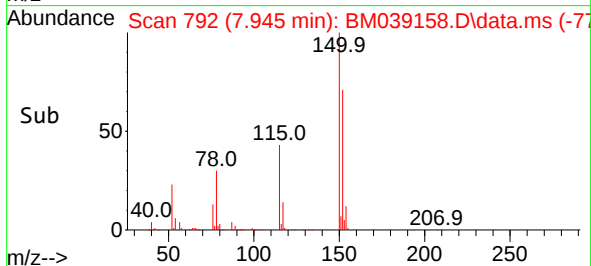
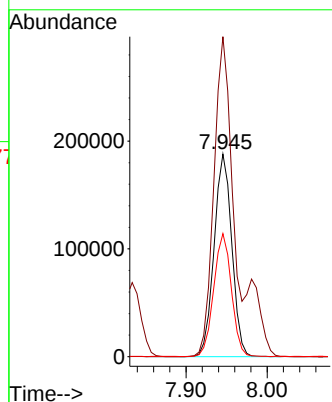
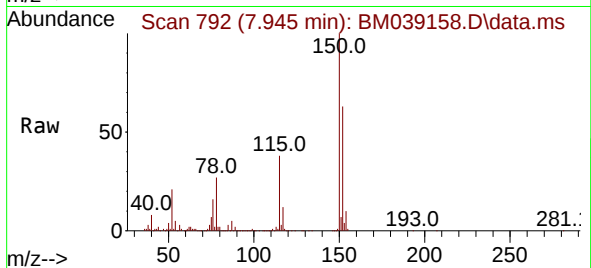




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.945 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

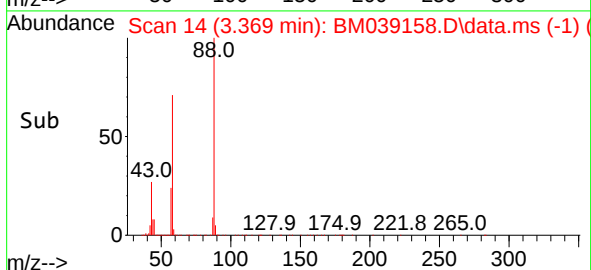
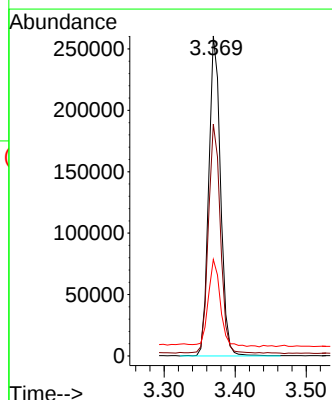
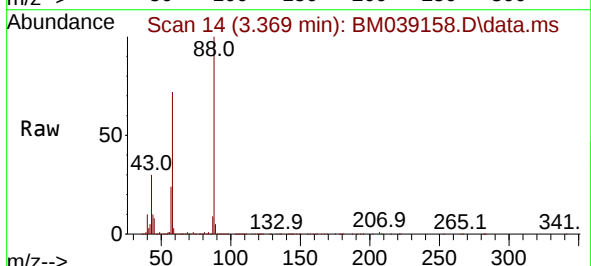
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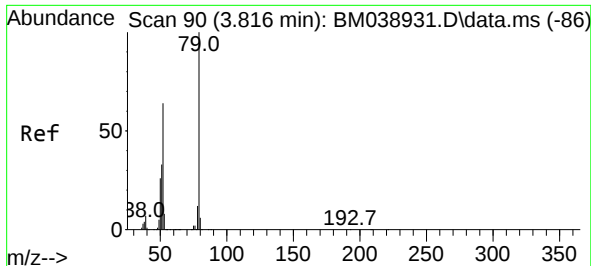
Tgt Ion:152 Resp: 284734
Ion Ratio Lower Upper
152 100
150 158.0 125.1 187.7
115 60.8 49.6 74.4



#2
1,4-Dioxane
Concen: 36.248 ng
RT: 3.369 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion: 88 Resp: 302222
Ion Ratio Lower Upper
88 100
58 72.4 57.2 85.8
43 28.1 22.0 33.0

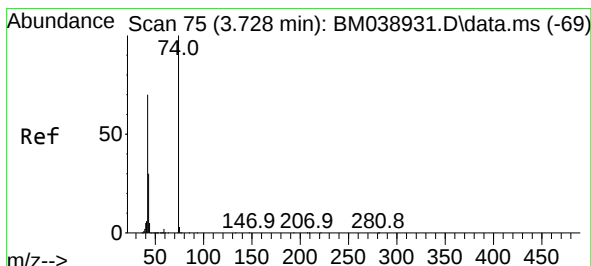
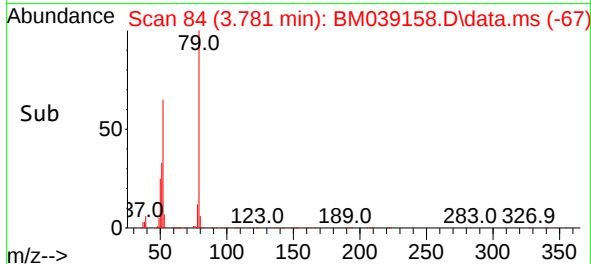
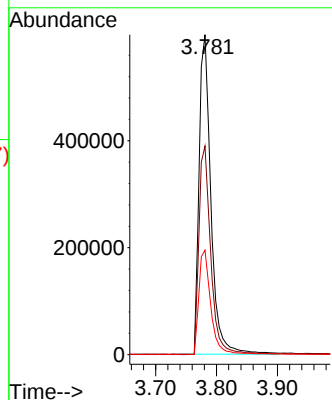
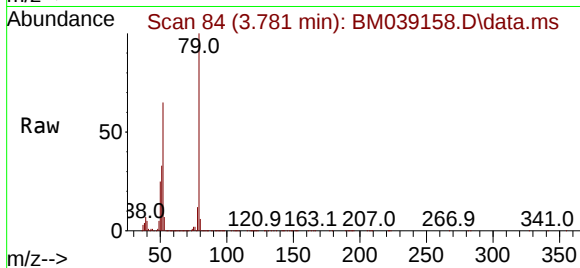




#3
Pyridine
Concen: 34.890 ng
RT: 3.781 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

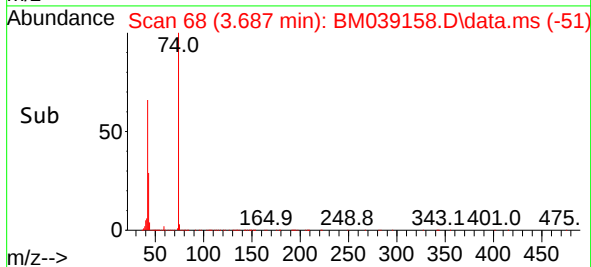
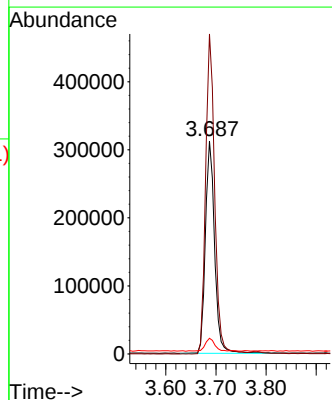
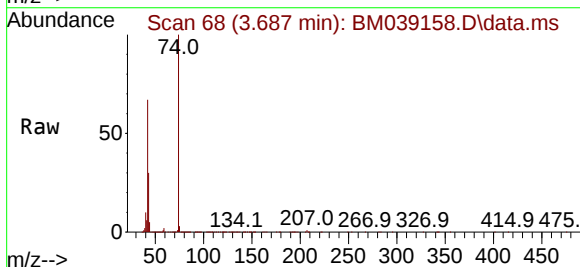
Instrument :
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ClientSampleId :
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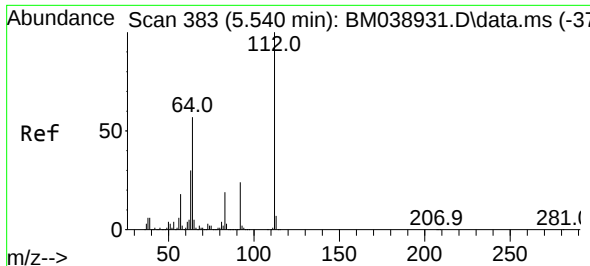
Tgt Ion: 79 Resp: 806769
Ion Ratio Lower Upper
79 100
52 65.2 51.4 77.2
51 32.6 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 42.362 ng
RT: 3.687 min Scan# 68
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion: 42 Resp: 398602
Ion Ratio Lower Upper
42 100
74 150.2 113.8 170.8
44 7.4 6.2 9.2

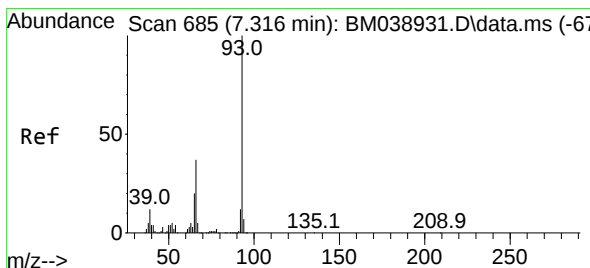
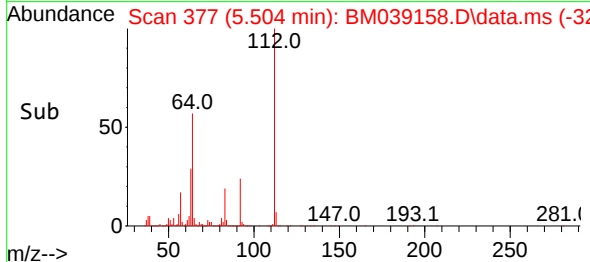
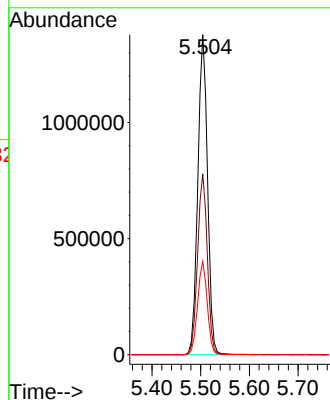
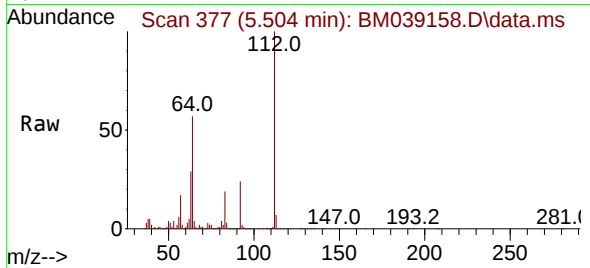




#5
2-Fluorophenol
Concen: 102.440 ng
RT: 5.504 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

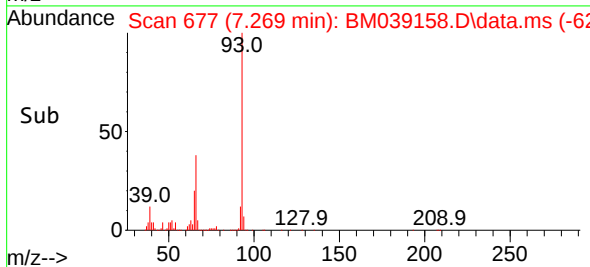
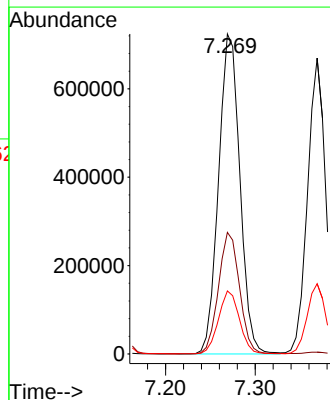
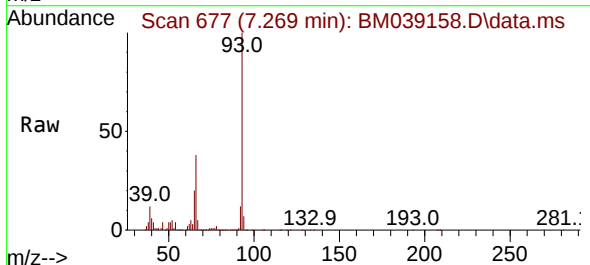
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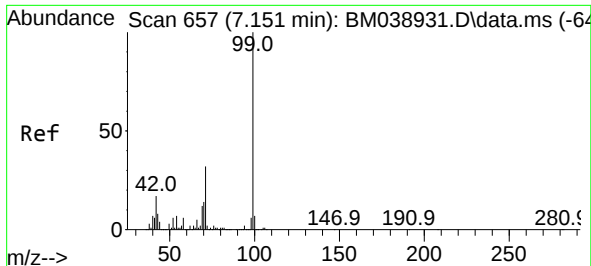
Tgt Ion:112 Resp: 1919851
Ion Ratio Lower Upper
112 100
64 56.5 45.9 68.9
63 29.1 23.8 35.8



#6
Aniline
Concen: 37.355 ng
RT: 7.269 min Scan# 677
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion: 93 Resp: 1193953
Ion Ratio Lower Upper
93 100
66 38.0 30.0 45.0
65 19.7 15.8 23.6



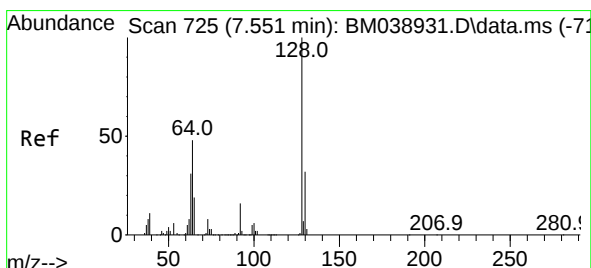
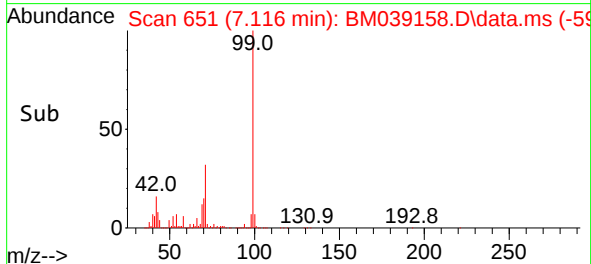
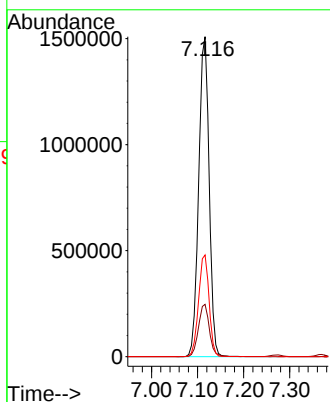
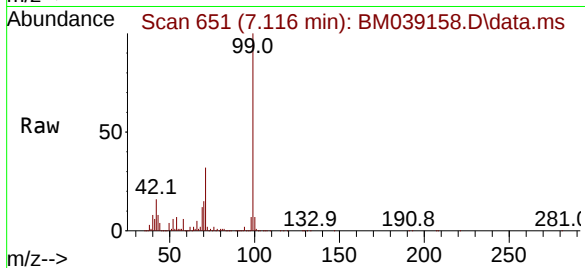


#7
Phenol-d6
Concen: 97.870 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Instrument :
BNA_M
ClientSampleId :
PB151521BS

Tgt Ion: 99 Resp: 2382441

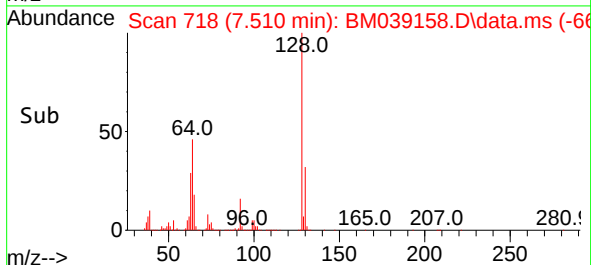
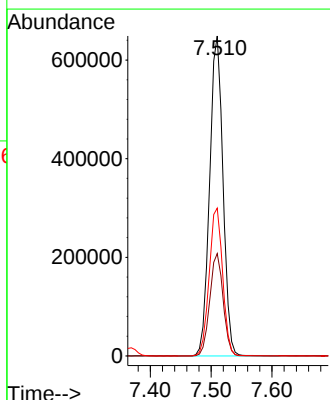
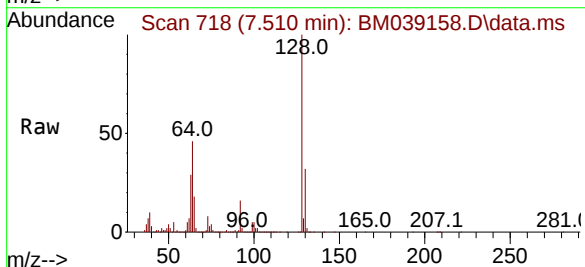
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	31.8	25.6	38.4

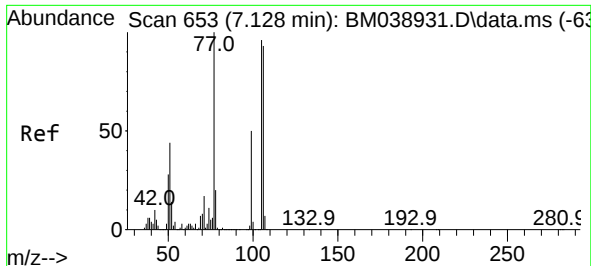


#8
2-Chlorophenol
Concen: 49.616 ng
RT: 7.510 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion: 128 Resp: 989963

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.9	51.9
64	46.2	28.6	68.6

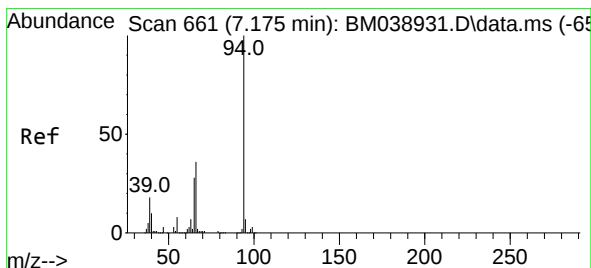
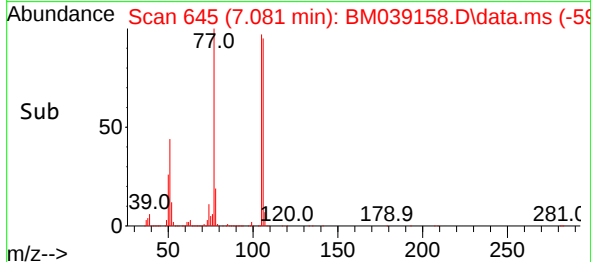
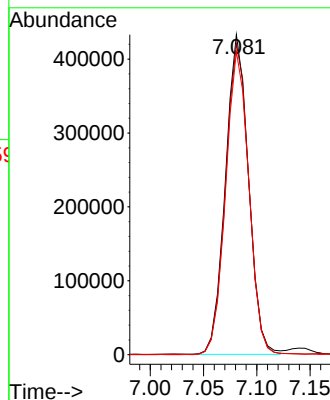
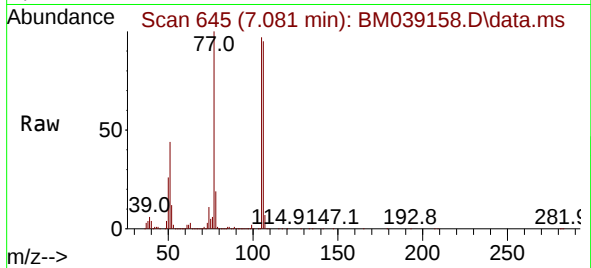




#9
Benzaldehyde
Concen: 56.174 ng
RT: 7.081 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM039158.D
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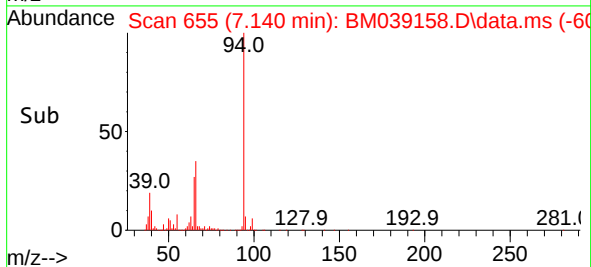
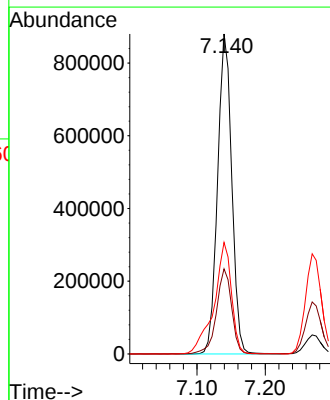
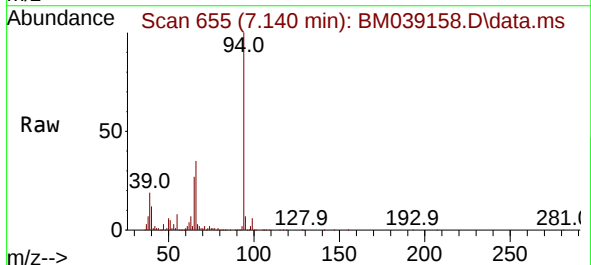
Instrument :
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ClientSampleId :
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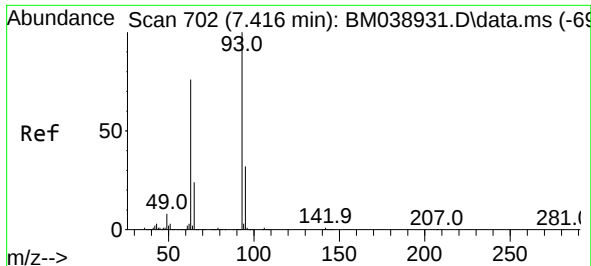
Tgt Ion: 77 Resp: 650709
Ion Ratio Lower Upper
77 100
105 97.1 75.8 115.8
106 94.7 72.6 112.6



#10
Phenol
Concen: 49.177 ng
RT: 7.140 min Scan# 655
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion: 94 Resp: 1271269
Ion Ratio Lower Upper
94 100
65 26.6 7.9 47.9
66 34.9 15.8 55.8

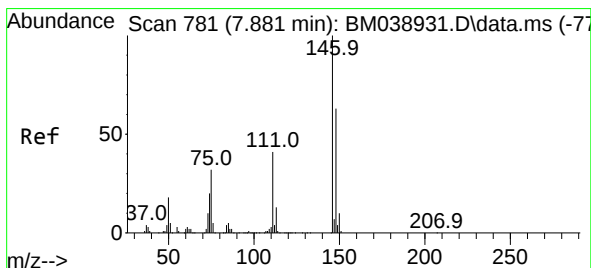
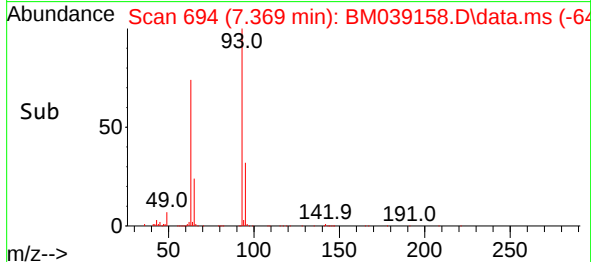
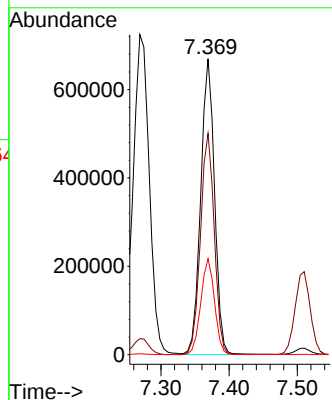
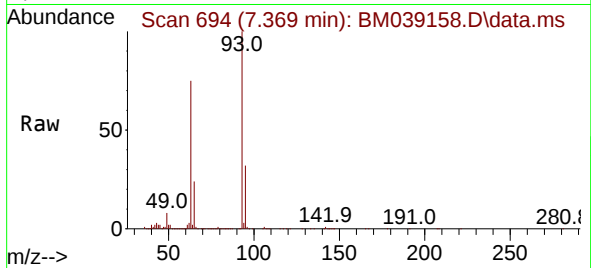




#11
bis(2-Chloroethyl)ether
Concen: 44.898 ng
RT: 7.369 min Scan# 694
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

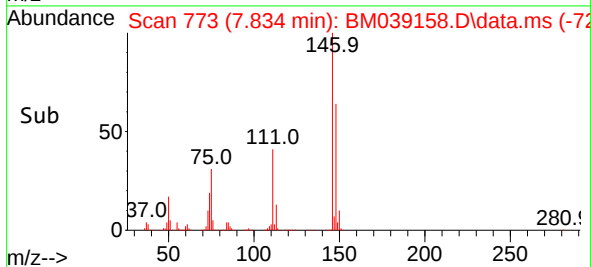
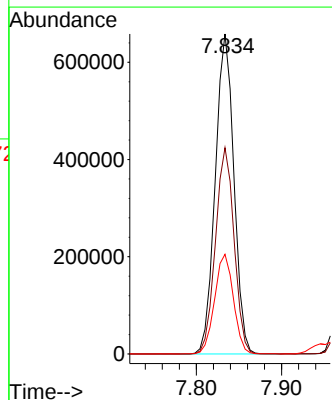
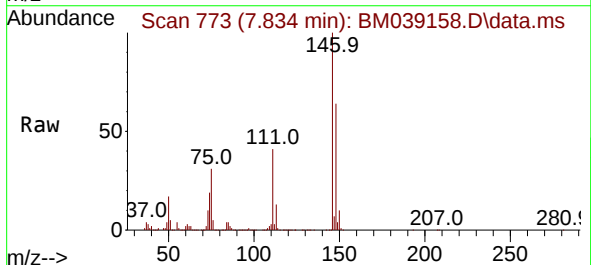
Instrument :
BNA_M
ClientSampleId :
PB151521BS

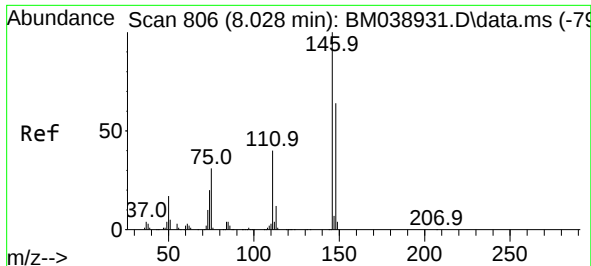
Tgt Ion: 93 Resp: 943645
Ion Ratio Lower Upper
93 100
63 74.7 55.8 95.8
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.073 ng
RT: 7.834 min Scan# 773
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:146 Resp: 998133
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 31.1 26.0 39.0

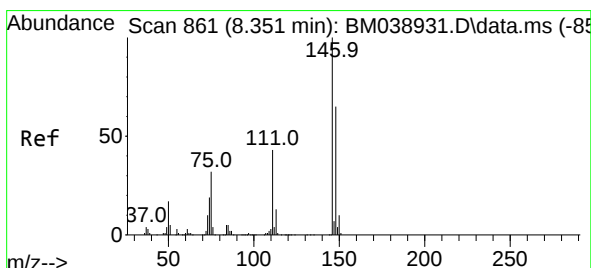
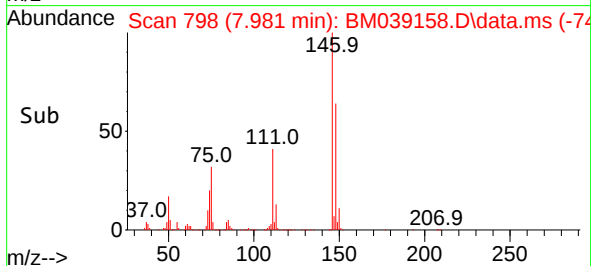
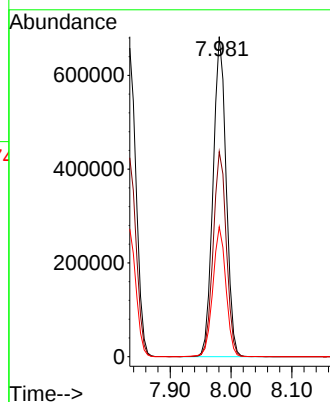
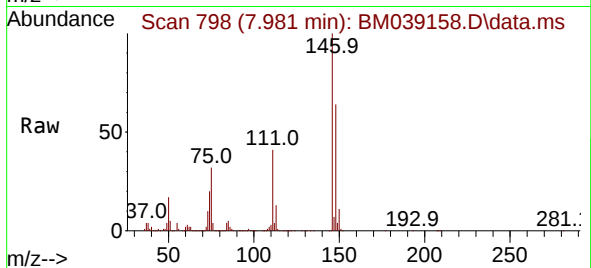




#13
1,4-Dichlorobenzene
Concen: 47.249 ng
RT: 7.981 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

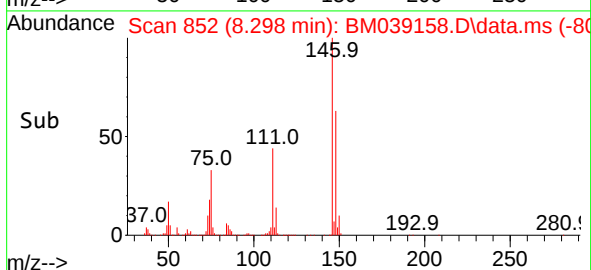
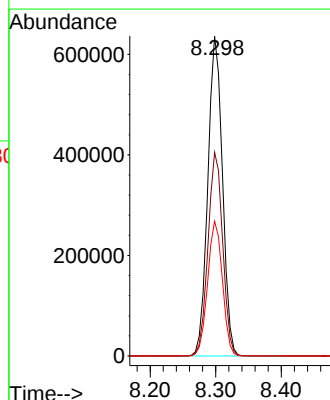
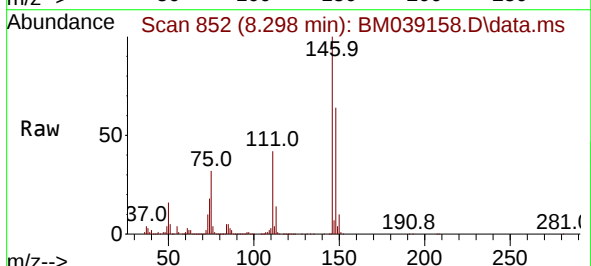
Instrument :
BNA_M
ClientSampleId :
PB151521BS

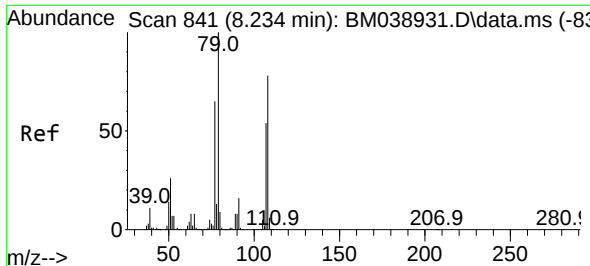
Tgt Ion:146 Resp: 1018931
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 40.6 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 47.541 ng
RT: 8.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:146 Resp: 987546
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
111 42.1 34.2 51.4

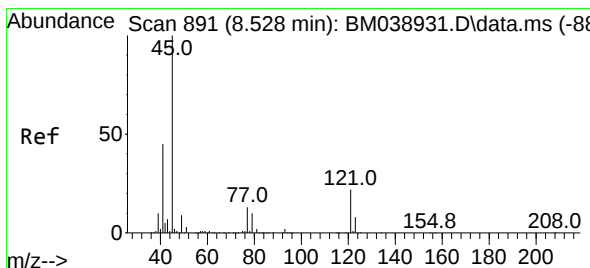
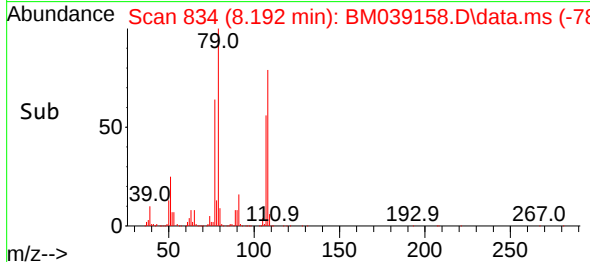
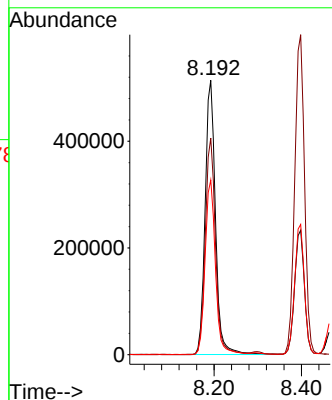
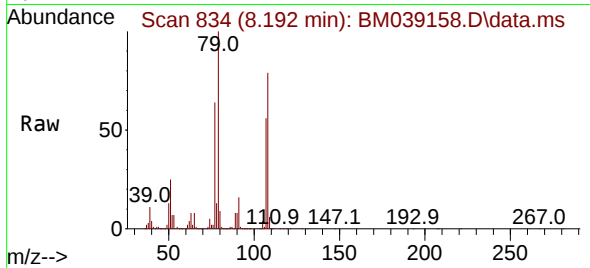




#15
Benzyl Alcohol
Concen: 48.474 ng
RT: 8.192 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

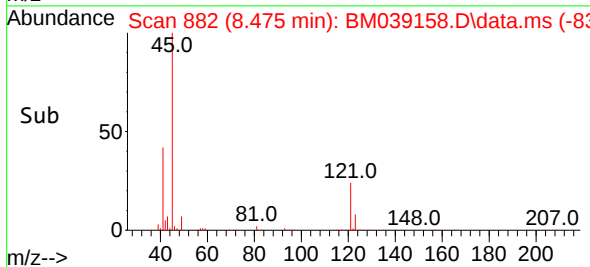
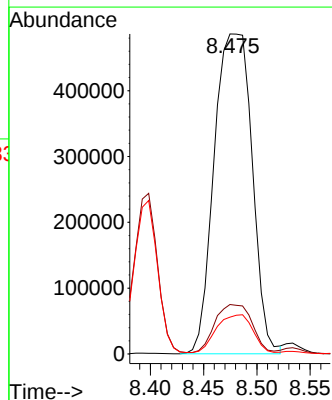
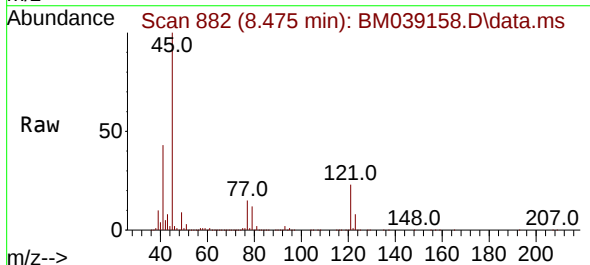
Instrument :
BNA_M
ClientSampleId :
PB151521BS

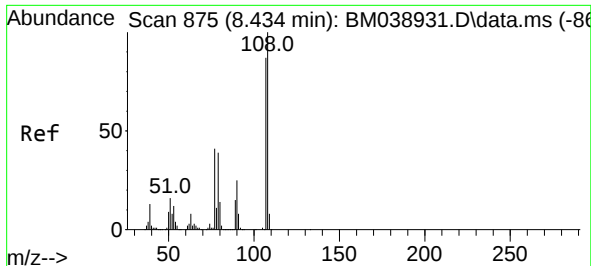
Tgt Ion: 79 Resp: 845778
Ion Ratio Lower Upper
79 100
108 79.0 62.4 93.6
77 63.7 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.341 ng
RT: 8.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion: 45 Resp: 1203526
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.8
79 11.5 0.0 31.5



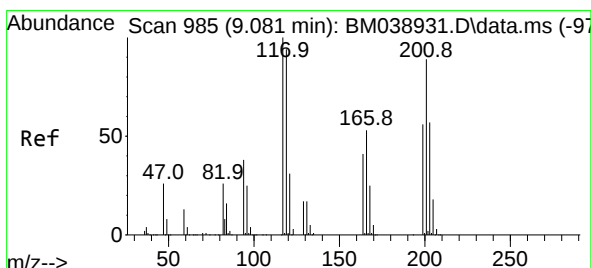
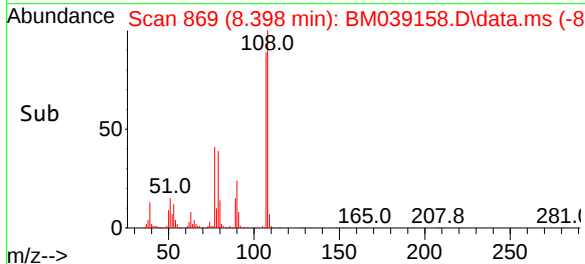
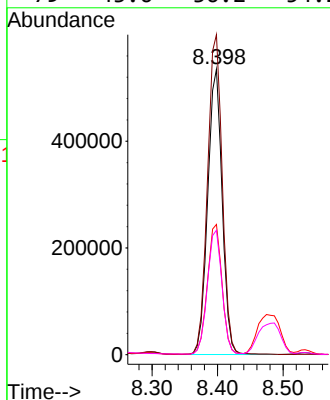
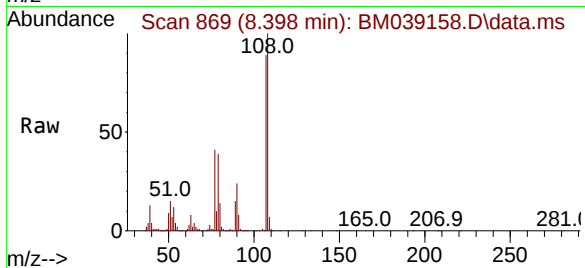


#17
2-Methylphenol
Concen: 46.098 ng
RT: 8.398 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Instrument :
BNA_M
ClientSampleId :
PB151521BS

Tgt Ion:107 Resp: 818613

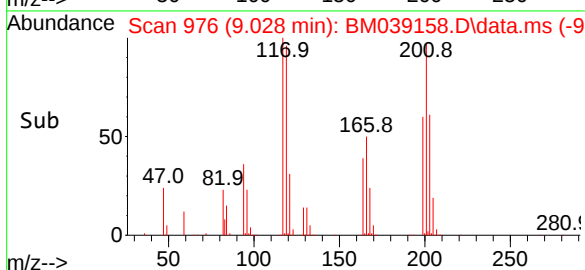
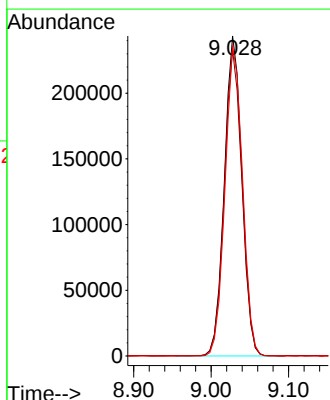
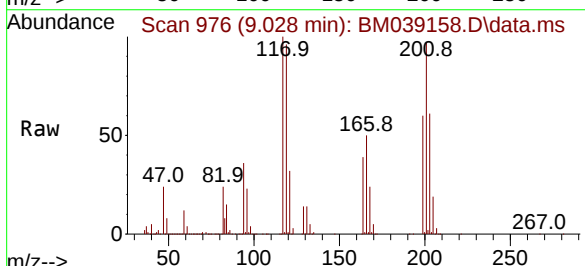
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	45.7	37.4	56.2
79	43.6	36.2	54.2

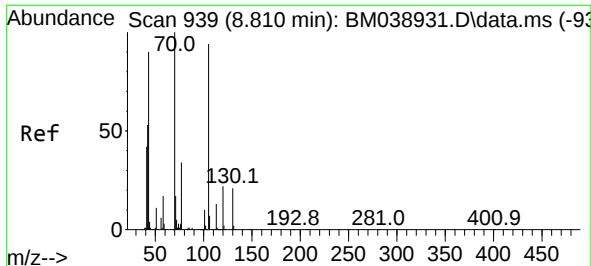


#18
Hexachloroethane
Concen: 48.592 ng
RT: 9.028 min Scan# 976
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:117 Resp: 386622

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
201	96.8	71.3	106.9

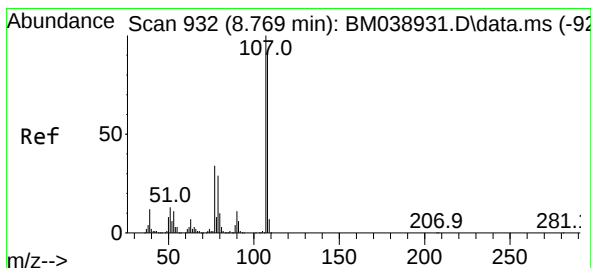
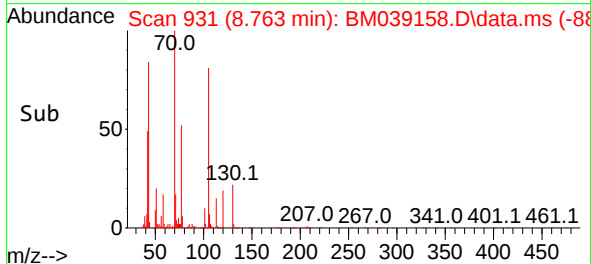
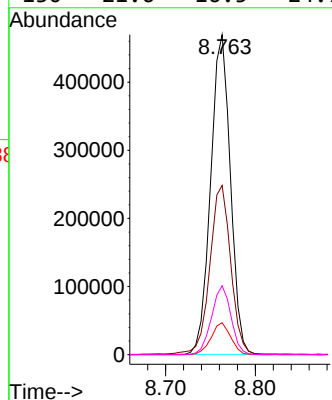
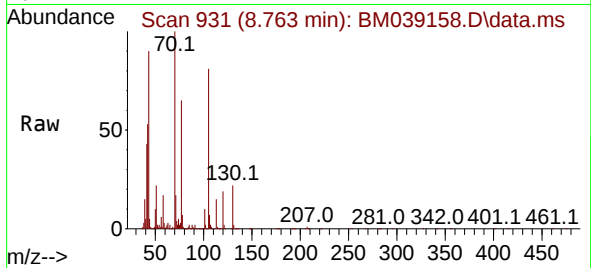




#19
n-Nitroso-di-n-propylamine
Concen: 46.734 ng
RT: 8.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

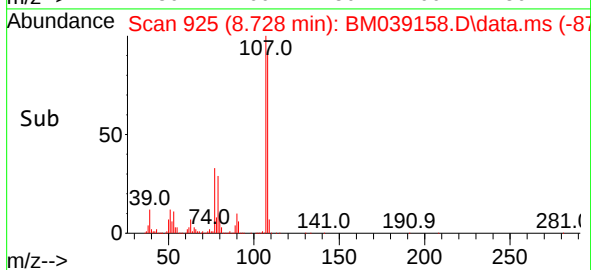
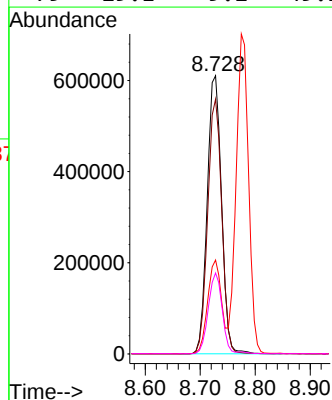
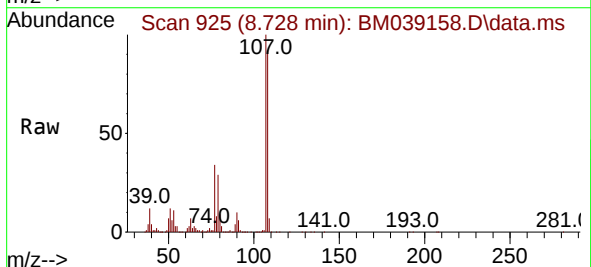
Instrument :
BNA_M
ClientSampleId :
PB151521BS

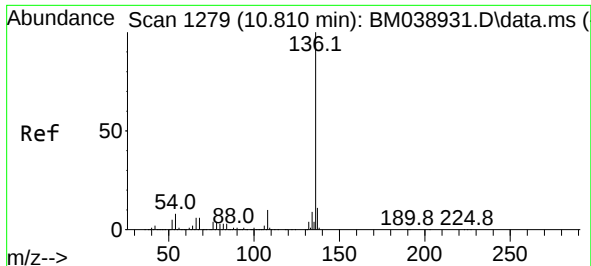
Tgt Ion: 70 Resp: 716562
Ion Ratio Lower Upper
70 100
42 52.9 43.4 65.2
101 10.0 7.6 11.4
130 21.6 16.5 24.7



#20
3+4-Methylphenols
Concen: 46.454 ng
RT: 8.728 min Scan# 925
Delta R.T. 0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion: 107 Resp: 1101479
Ion Ratio Lower Upper
107 100
108 91.5 71.8 111.8
77 33.7 13.6 53.6
79 29.1 9.2 49.2

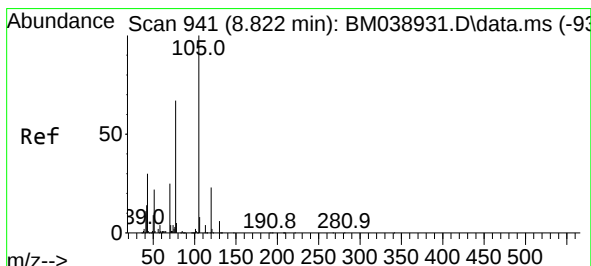
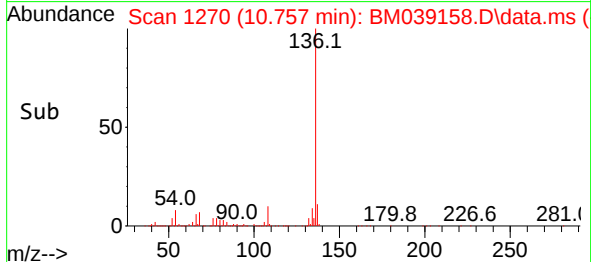
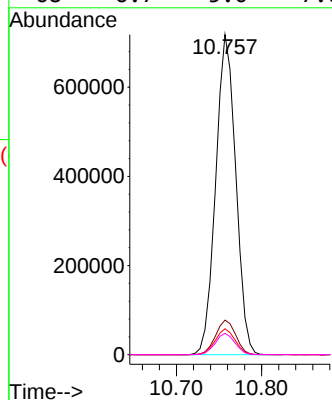
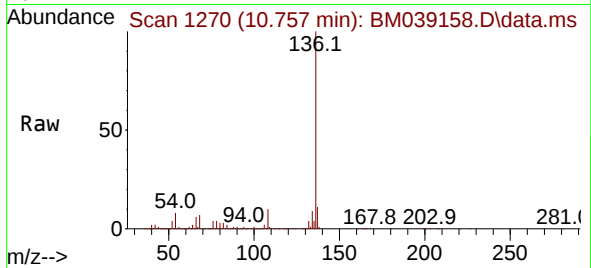




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

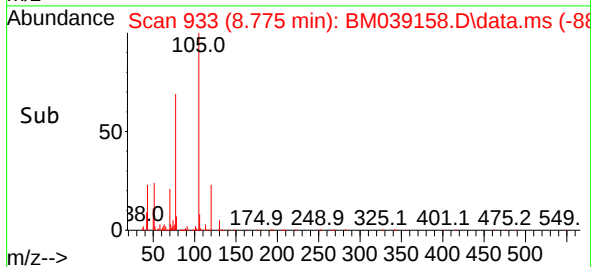
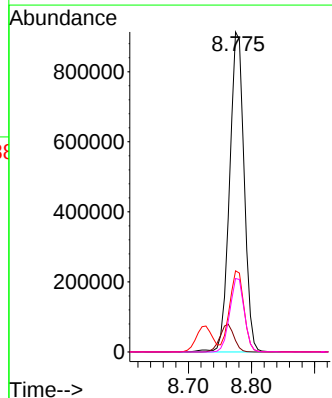
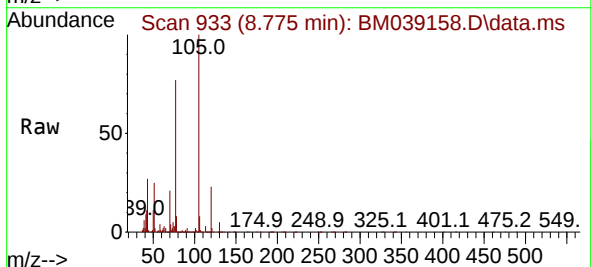
Instrument :
BNA_M
ClientSampleId :
PB151521BS

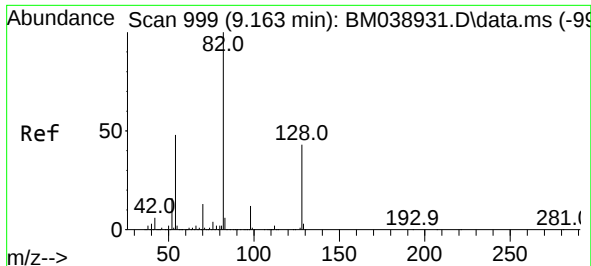
Tgt Ion:136 Resp: 1175859
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 6.3 9.5
68 6.7 5.0 7.6



#22
Acetophenone
Concen: 44.219 ng
RT: 8.775 min Scan# 933
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:105 Resp: 1458804
Ion Ratio Lower Upper
105 100
71 3.5 3.4 5.0
51 25.4 21.0 31.4
120 22.9 18.1 27.1





#23

Nitrobenzene-d5

Concen: 91.267 ng

RT: 9.116 min Scan# 991

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

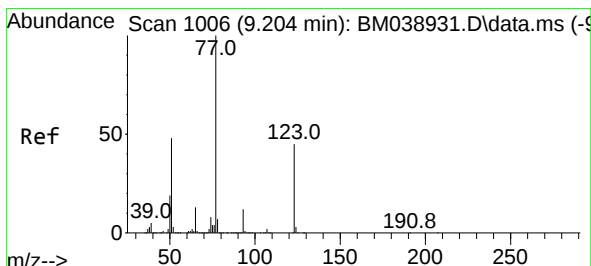
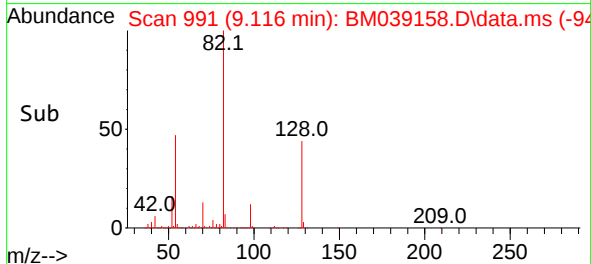
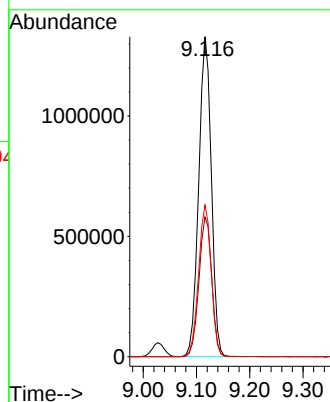
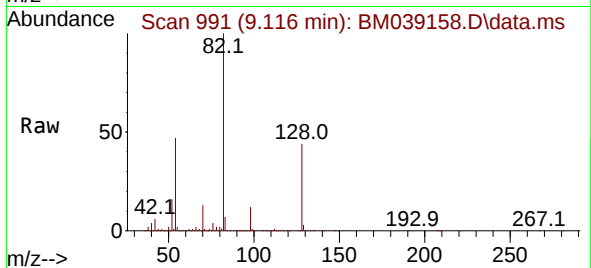
BNA_M

ClientSampleId :

PB151521BS

Tgt Ion: 82 Resp: 2184749

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.4	51.6
54	47.3	38.8	58.2



#24

Nitrobenzene

Concen: 42.853 ng

RT: 9.157 min Scan# 998

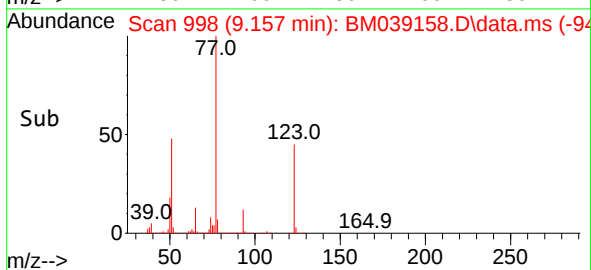
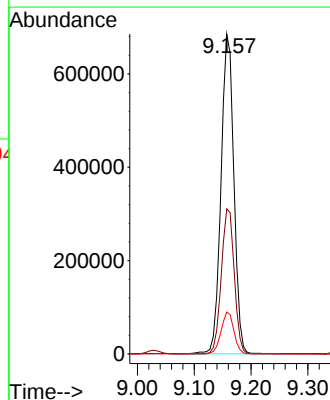
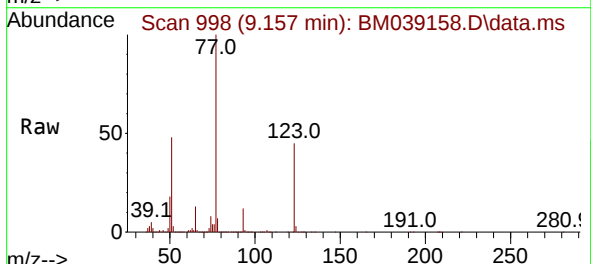
Delta R.T. -0.000 min

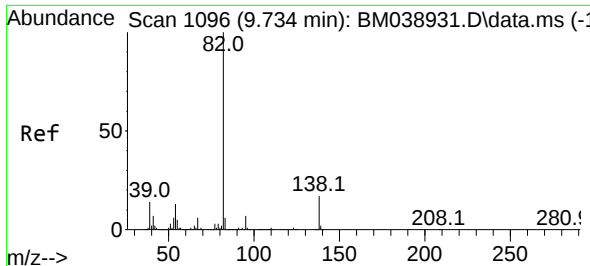
Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Tgt Ion: 77 Resp: 1078196

Ion	Ratio	Lower	Upper
77	100		
123	45.4	35.8	53.6
65	13.1	10.2	15.4





#25

Isophorone

Concen: 43.364 ng

RT: 9.686 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

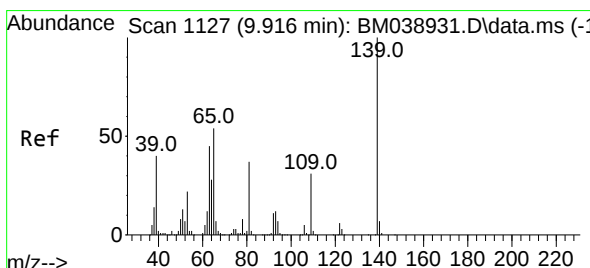
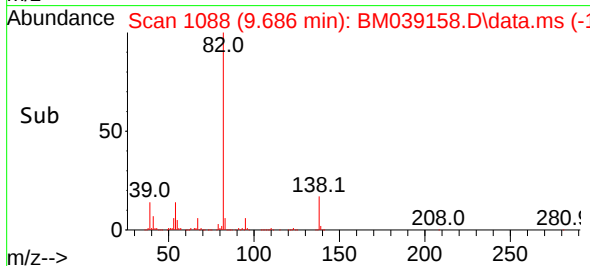
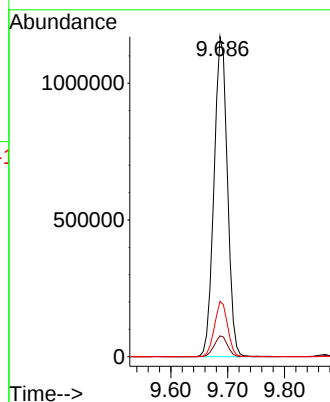
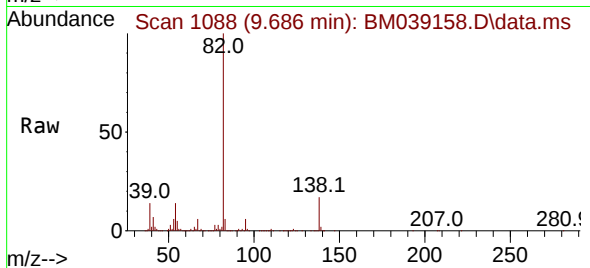
Tgt Ion: 82 Resp: 1910223

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.3 13.6 20.4



#26

2-Nitrophenol

Concen: 46.729 ng

RT: 9.869 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

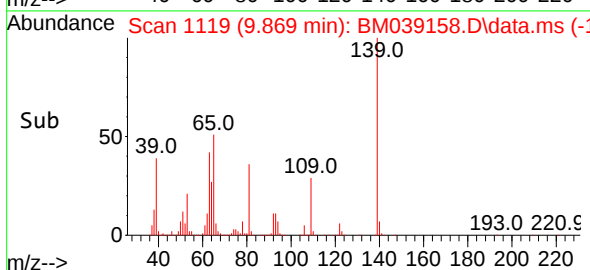
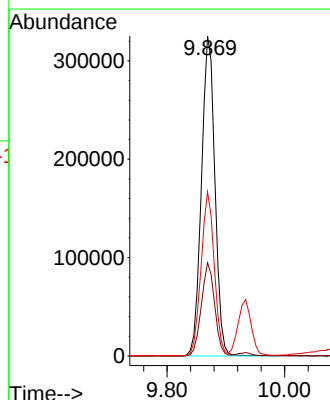
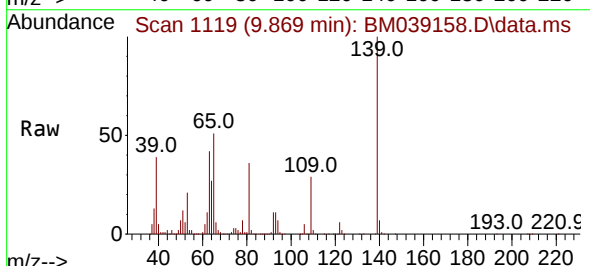
Tgt Ion:139 Resp: 518202

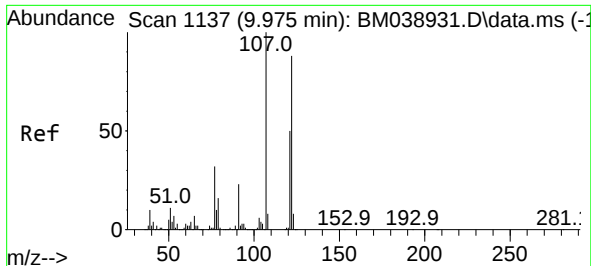
Ion Ratio Lower Upper

139 100

109 29.1 24.5 36.7

65 51.3 43.0 64.6

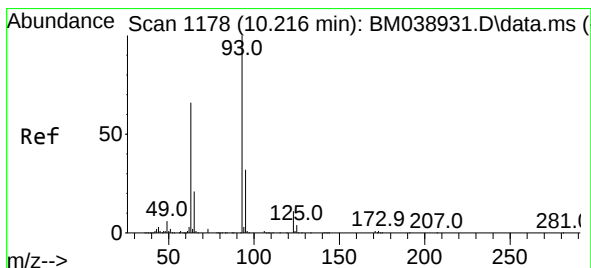
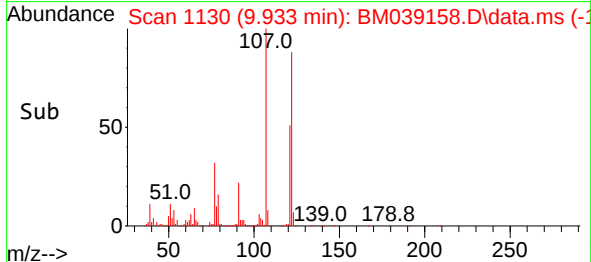
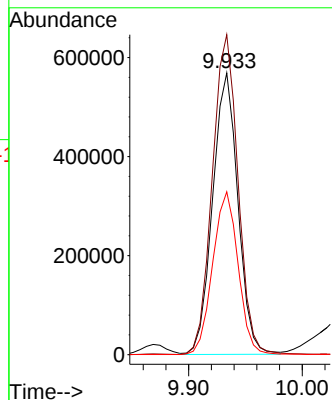
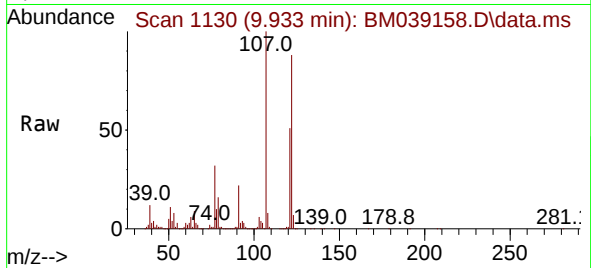




#27
2,4-Dimethylphenol
Concen: 45.886 ng
RT: 9.933 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

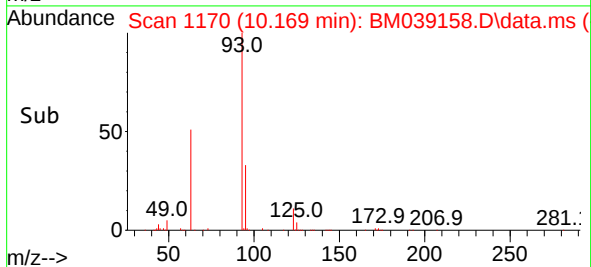
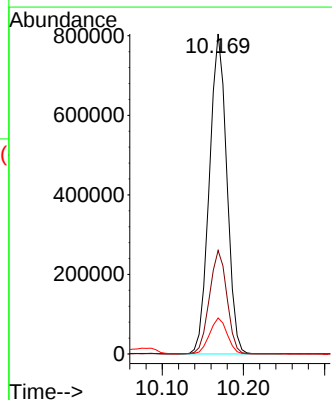
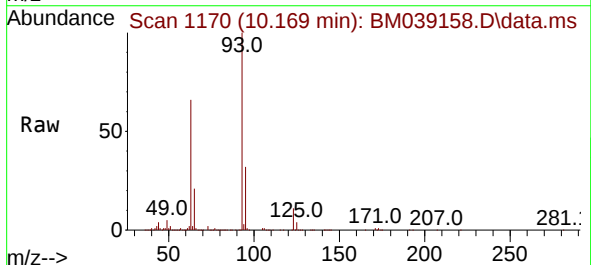
Instrument :
BNA_M
ClientSampleId :
PB151521BS

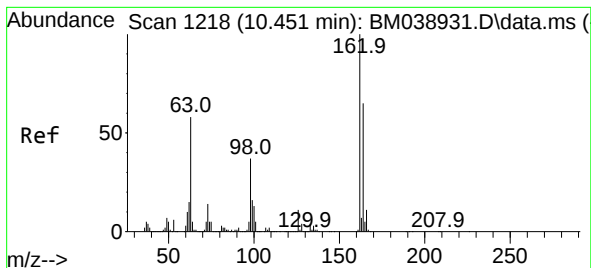
Tgt Ion:122 Resp: 880735
Ion Ratio Lower Upper
122 100
107 113.6 91.0 136.4
121 57.8 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.326 ng
RT: 10.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion: 93 Resp: 1198003
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.3 8.8 13.2

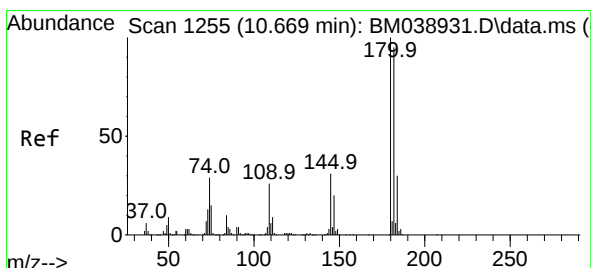
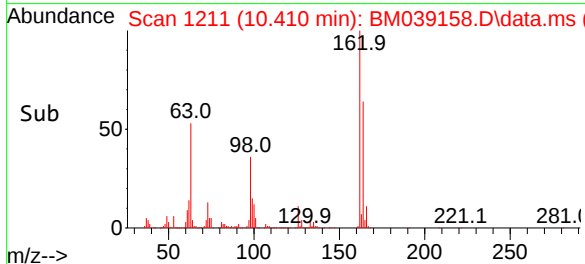
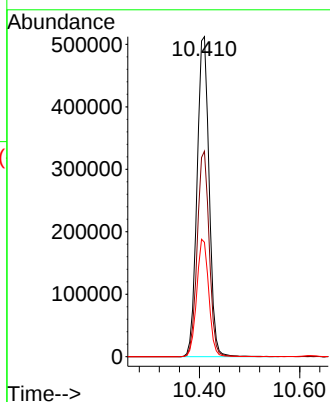
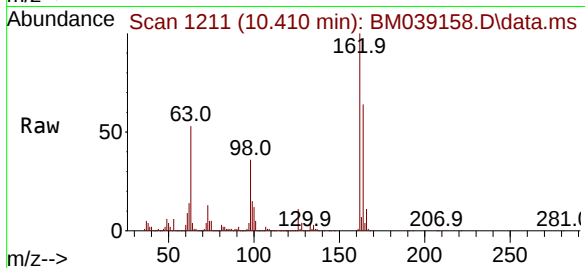




#29
2,4-Dichlorophenol
Concen: 46.988 ng
RT: 10.410 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

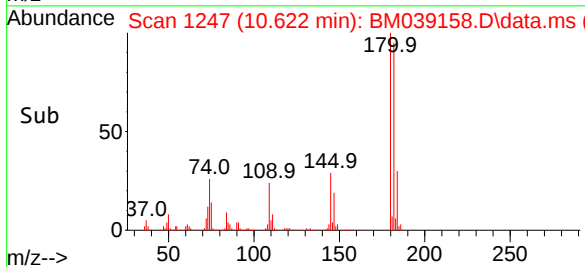
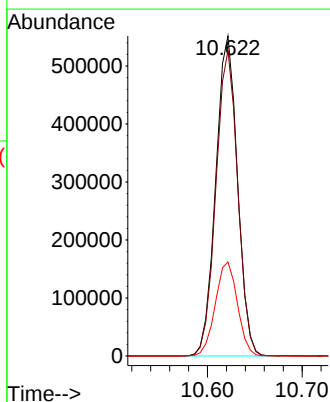
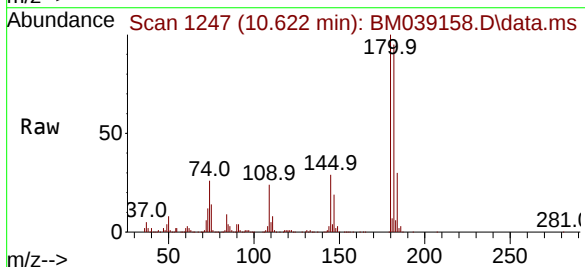
Instrument :
BNA_M
ClientSampleId :
PB151521BS

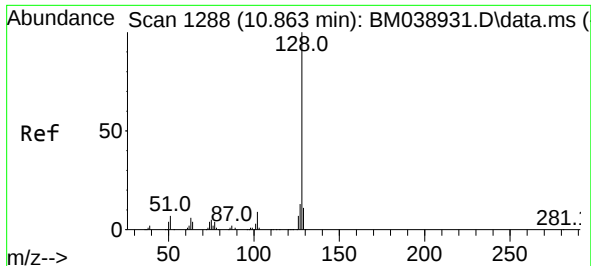
Tgt Ion:162 Resp: 855057
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 35.8 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 44.250 ng
RT: 10.622 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:180 Resp: 879951
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 29.4 25.0 37.4

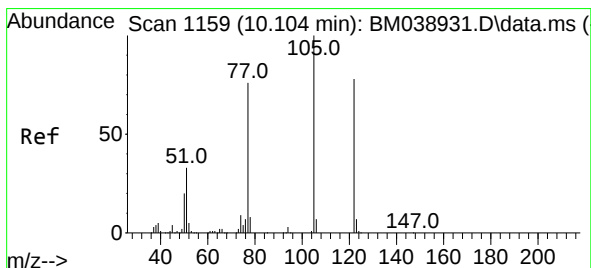
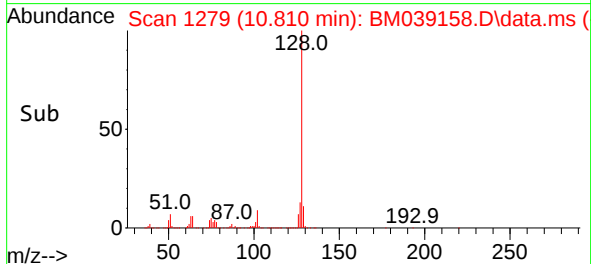
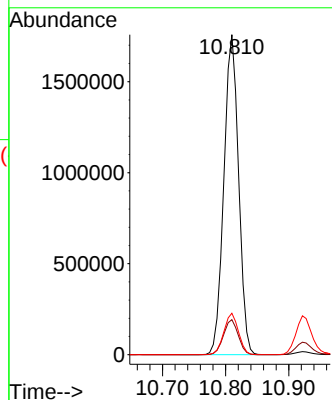
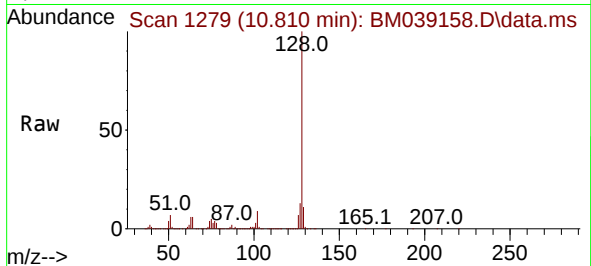




#31
Naphthalene
Concen: 42.408 ng
RT: 10.810 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

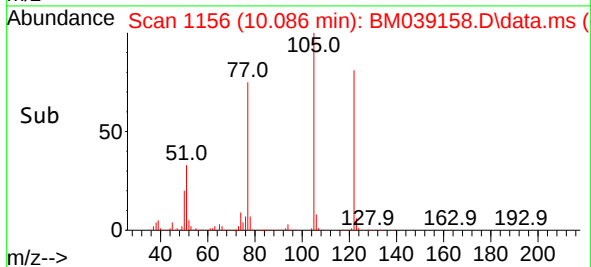
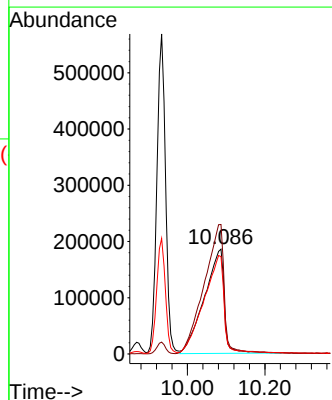
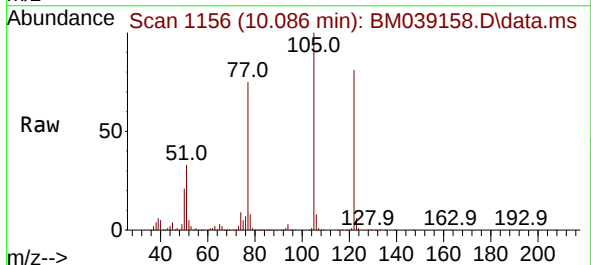
Instrument :
BNA_M
ClientSampleId :
PB151521BS

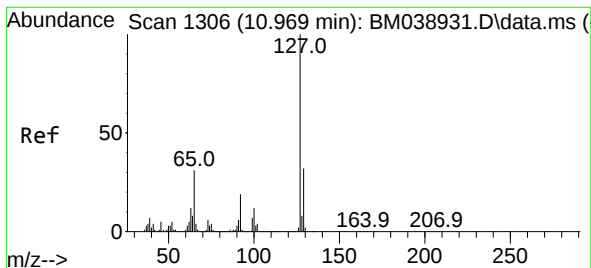
Tgt Ion:128 Resp: 2843455
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 47.228 ng
RT: 10.086 min Scan# 1156
Delta R.T. 0.012 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:122 Resp: 663622
Ion Ratio Lower Upper
122 100
105 123.4 104.2 144.2
77 93.0 75.1 115.1

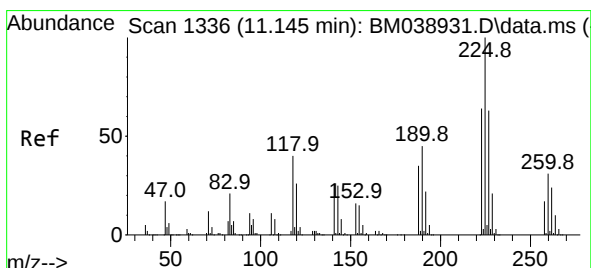
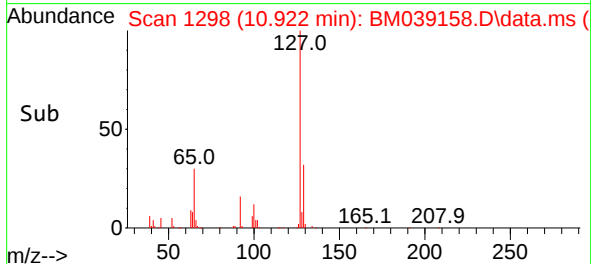
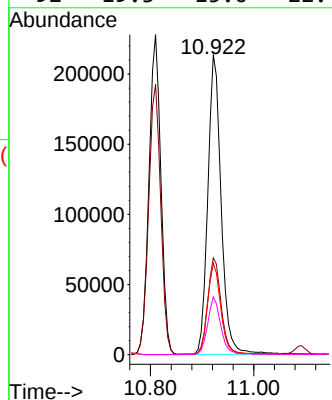
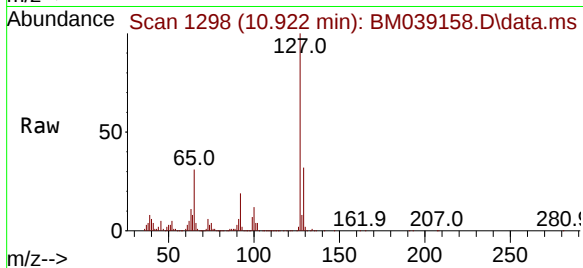




#33
4-Chloroaniline
Concen: 13.396 ng
RT: 10.922 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

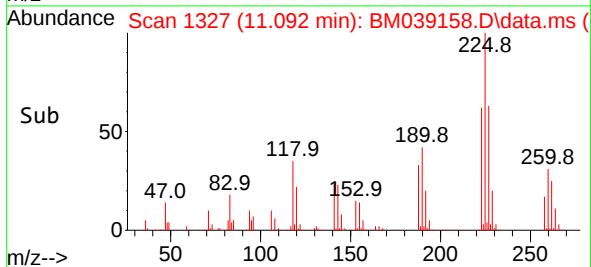
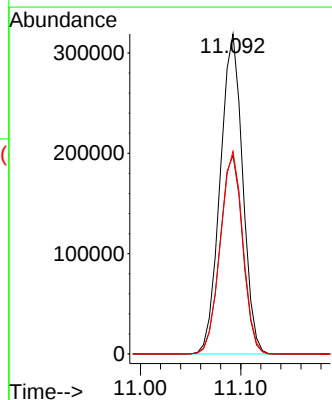
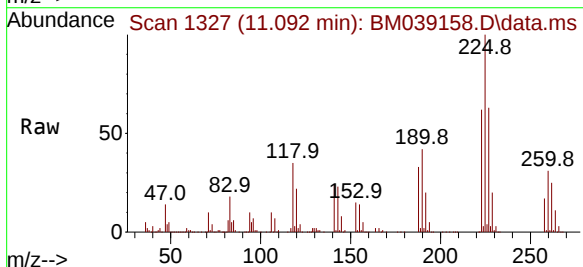
Instrument :
BNA_M
ClientSampleId :
PB151521BS

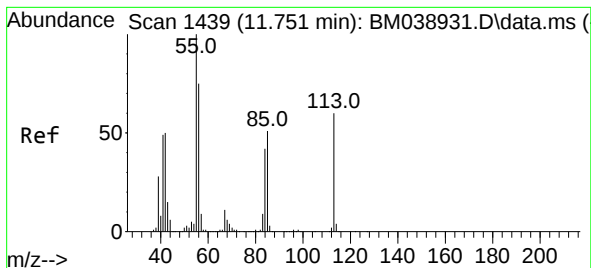
Tgt Ion:	127	Resp:	382791
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	30.5	24.4	36.6
92	19.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 43.359 ng
RT: 11.092 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:	225	Resp:	494450
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.3	76.9
227	63.3	50.6	76.0

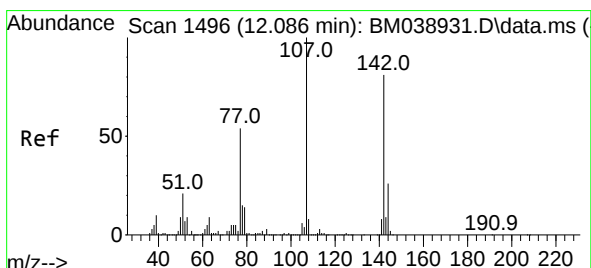
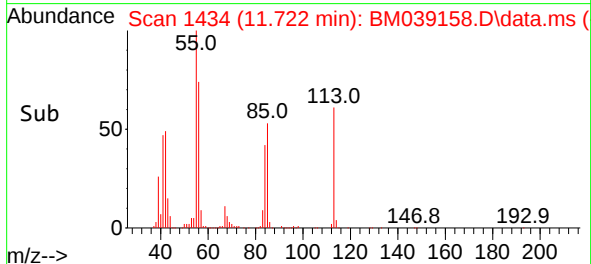
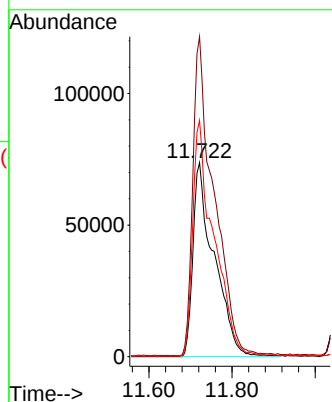
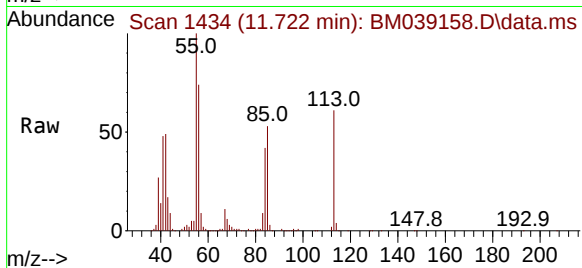




#35
Caprolactam
Concen: 46.819 ng
RT: 11.722 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

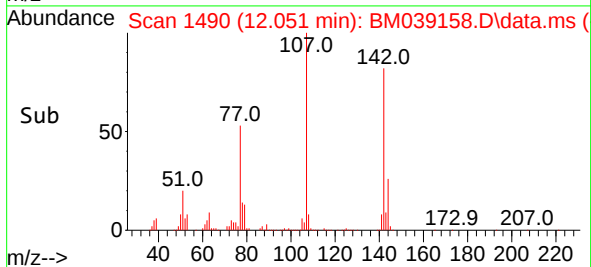
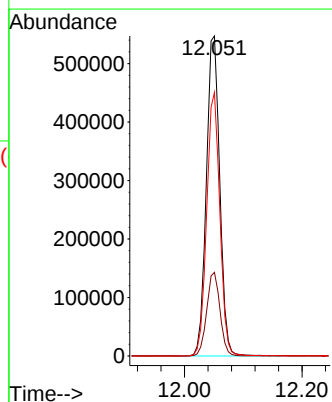
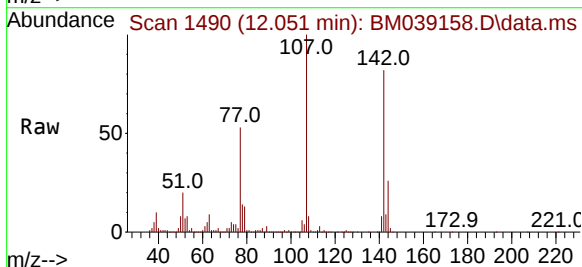
Instrument :
BNA_M
ClientSampleId :
PB151521BS

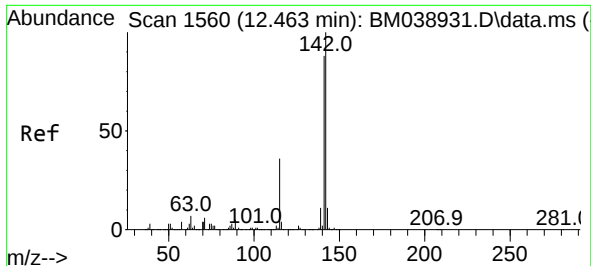
Tgt Ion:113 Resp: 259309
Ion Ratio Lower Upper
113 100
55 164.9 147.0 187.0
56 121.8 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 44.769 ng
RT: 12.051 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:107 Resp: 867519
Ion Ratio Lower Upper
107 100
144 26.1 20.7 31.1
142 82.4 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.542 ng

RT: 12.416 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

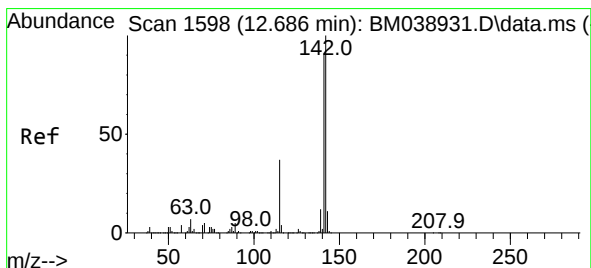
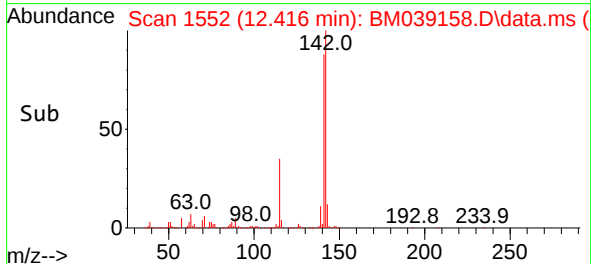
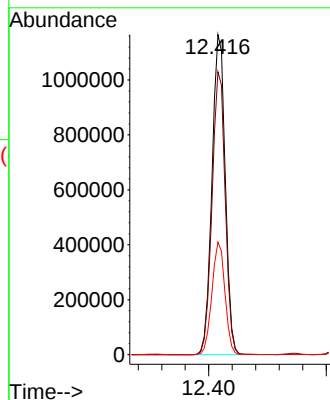
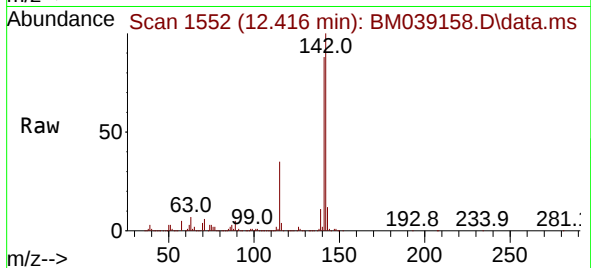
Tgt Ion:142 Resp: 1821959

Ion Ratio Lower Upper

142 100

141 88.4 70.6 106.0

115 35.1 28.5 42.7



#38

1-Methylnaphthalene

Concen: 40.502 ng

RT: 12.633 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

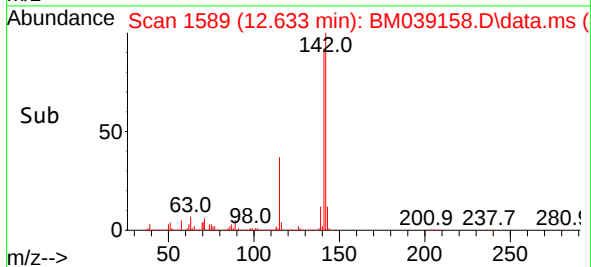
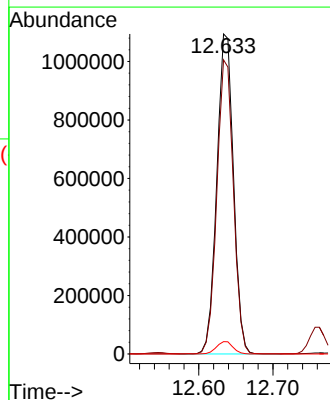
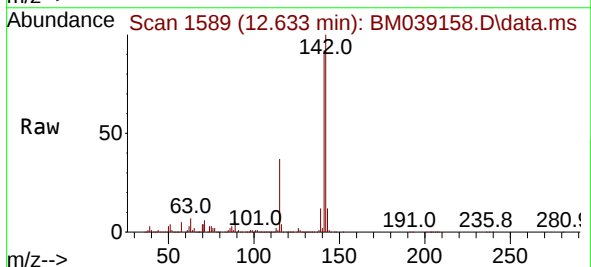
Tgt Ion:142 Resp: 1705729

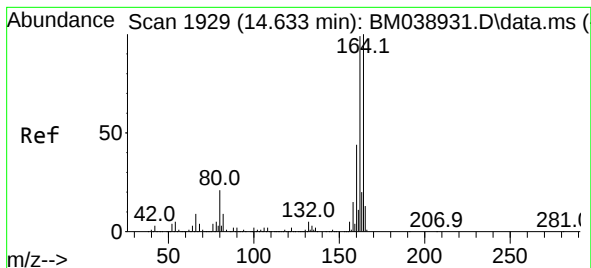
Ion Ratio Lower Upper

142 100

141 91.9 72.8 109.2

116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

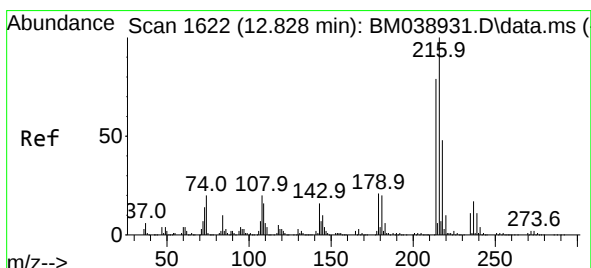
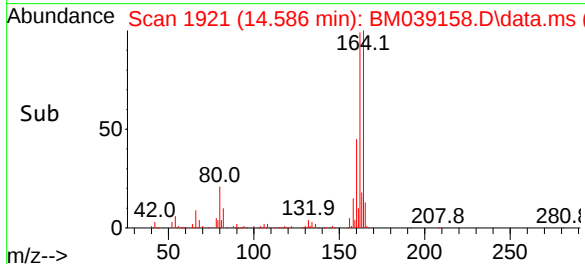
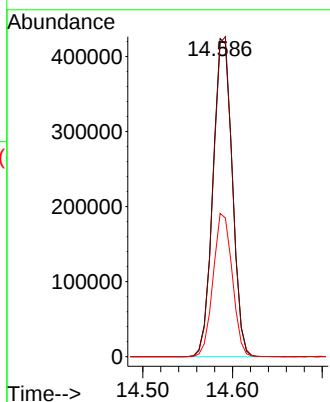
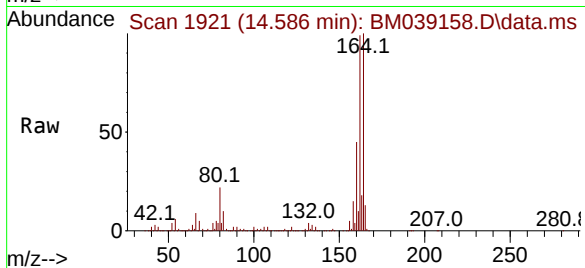
Tgt Ion:164 Resp: 632555

Ion Ratio Lower Upper

164 100

162 98.6 79.2 118.8

160 45.0 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.786 ng

RT: 12.786 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Tgt Ion:216 Resp: 920982

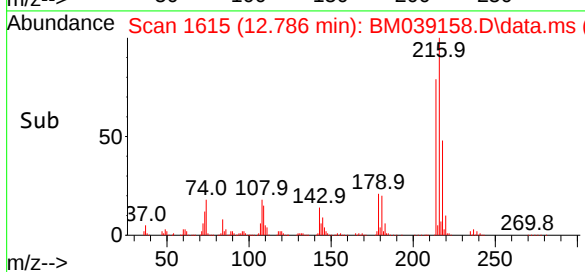
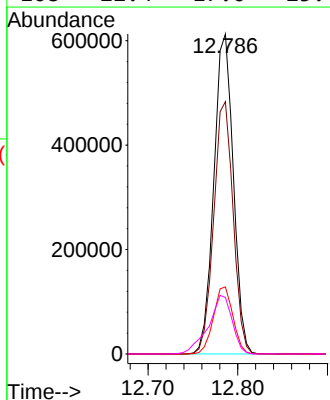
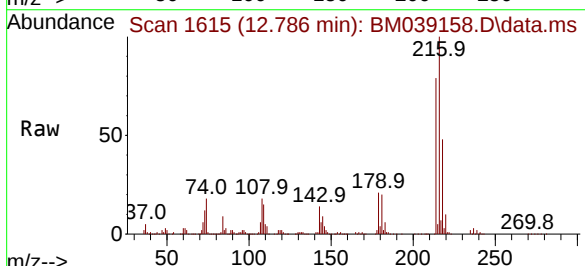
Ion Ratio Lower Upper

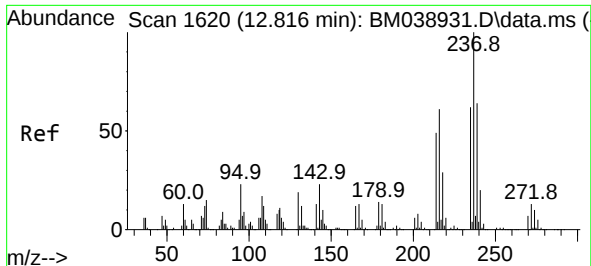
216 100

214 78.7 63.0 94.4

179 21.1 16.8 25.2

108 22.4 17.0 25.4

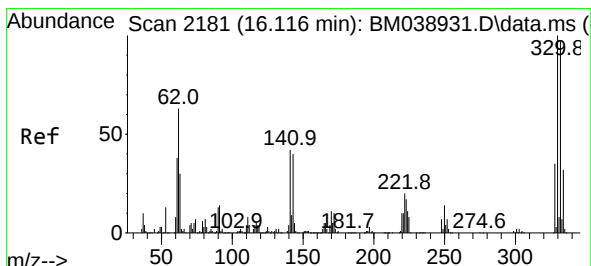
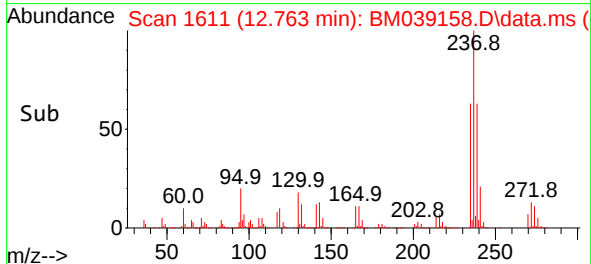
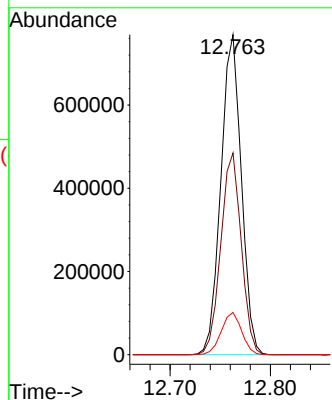
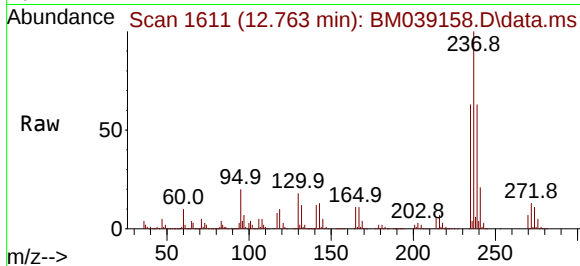




#41
Hexachlorocyclopentadiene
Concen: 96.513 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

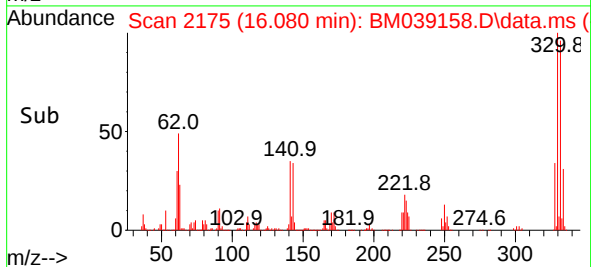
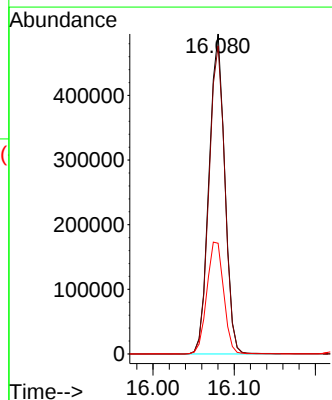
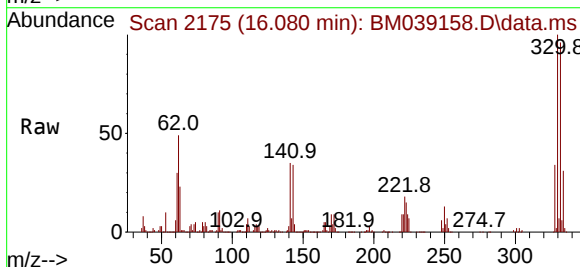
Instrument :
BNA_M
ClientSampleId :
PB151521BS

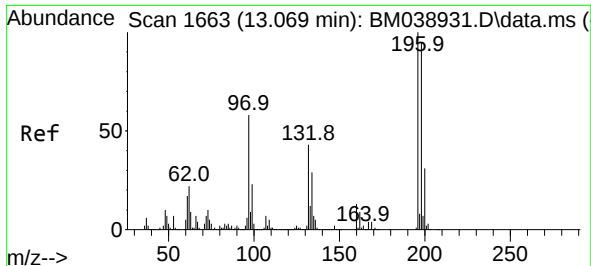
Tgt Ion:237 Resp: 1089412
Ion Ratio Lower Upper
237 100
235 63.0 41.7 81.7
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 90.861 ng
RT: 16.080 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:330 Resp: 664893
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 37.4 32.2 48.4

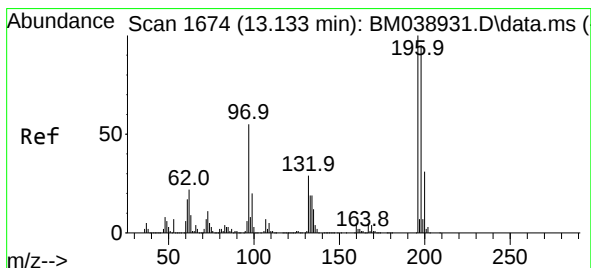
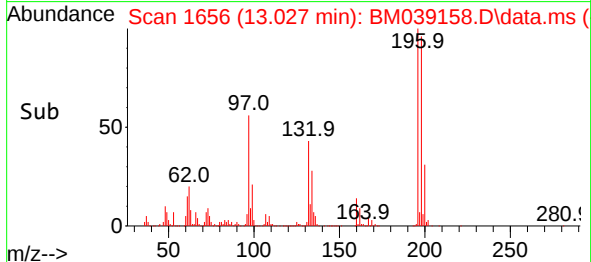
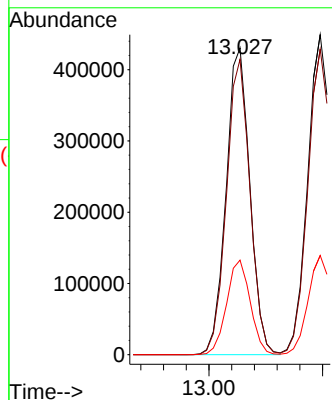
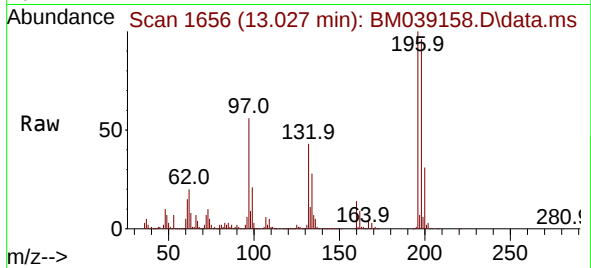




#43
2,4,6-Trichlorophenol
Concen: 46.982 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

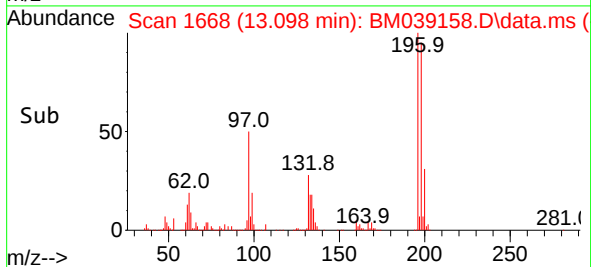
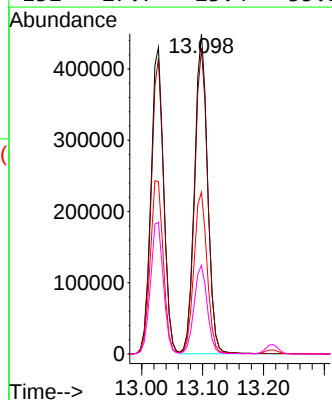
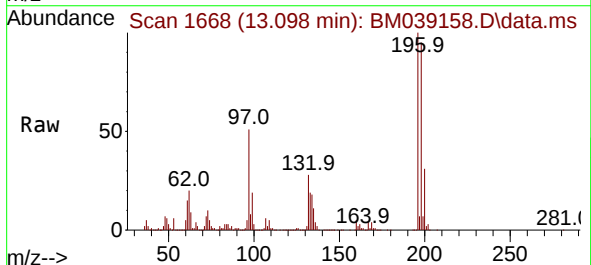
Instrument :
BNA_M
ClientSampleId :
PB151521BS

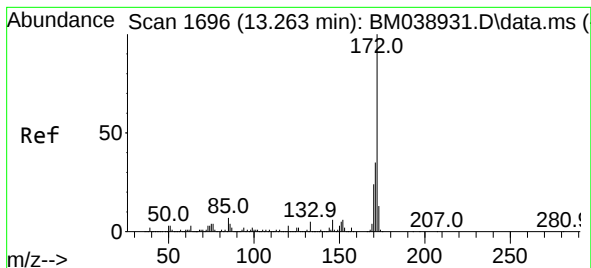
Tgt Ion:196 Resp: 625630
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.8
200 30.8 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 42.813 ng
RT: 13.098 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:196 Resp: 667315
Ion Ratio Lower Upper
196 100
198 95.5 76.3 114.5
97 50.6 44.2 66.4
132 27.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 88.098 ng

RT: 13.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

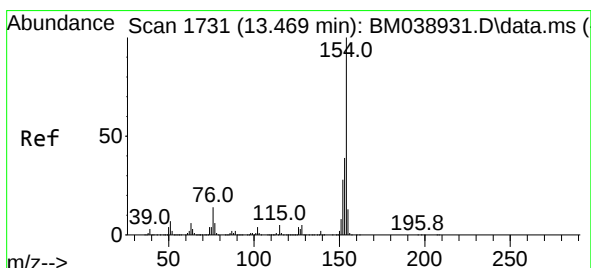
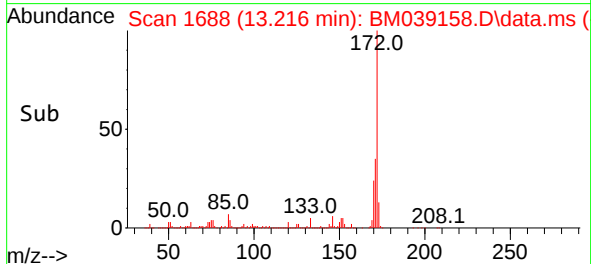
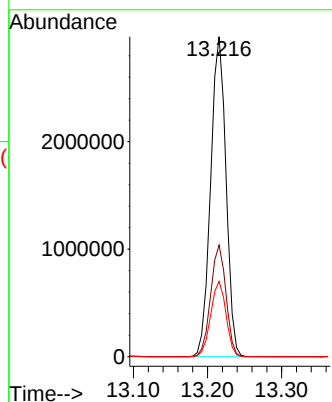
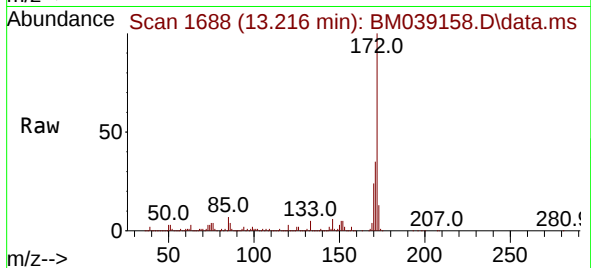
Tgt Ion:172 Resp: 4280762

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.923 ng

RT: 13.427 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

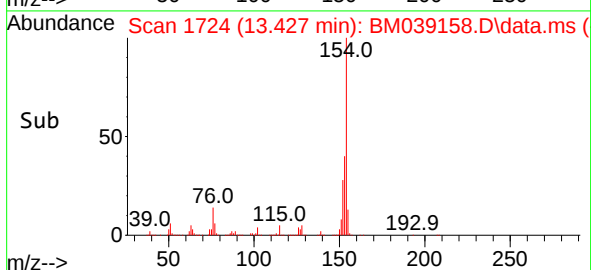
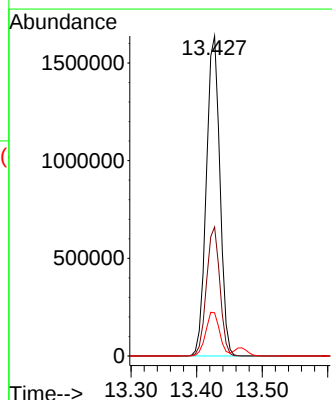
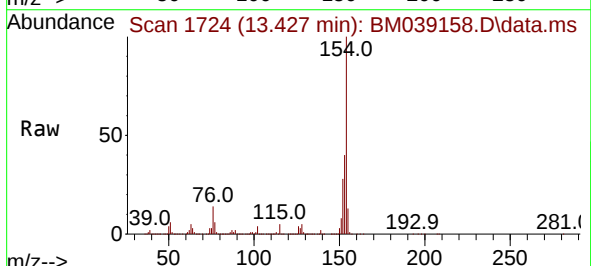
Tgt Ion:154 Resp: 2353790

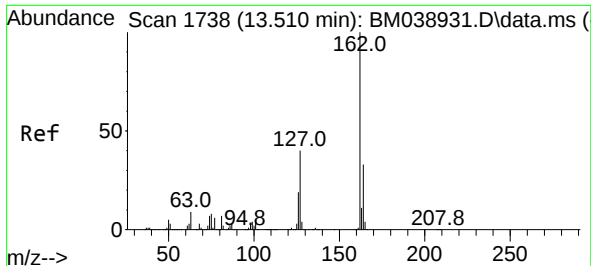
Ion Ratio Lower Upper

154 100

153 40.3 19.3 59.3

76 13.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.817 ng

RT: 13.469 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

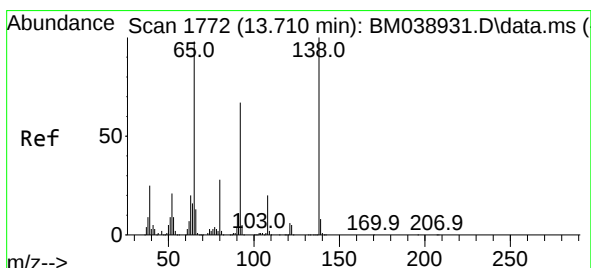
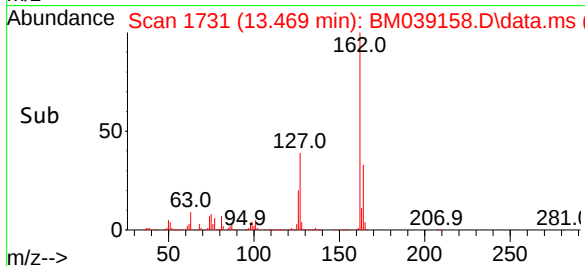
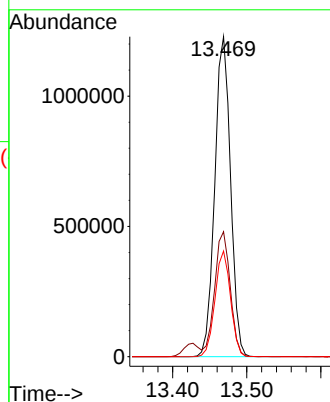
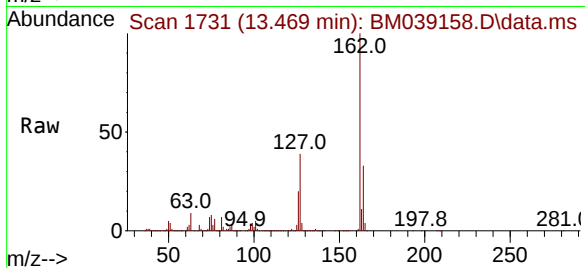
Tgt Ion:162 Resp: 1811036

Ion Ratio Lower Upper

162 100

127 39.1 32.1 48.1

164 33.0 26.2 39.4



#48

2-Nitroaniline

Concen: 43.197 ng

RT: 13.674 min Scan# 1766

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

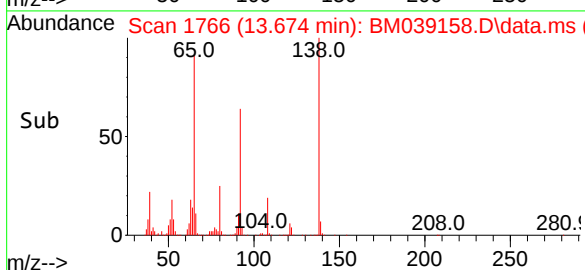
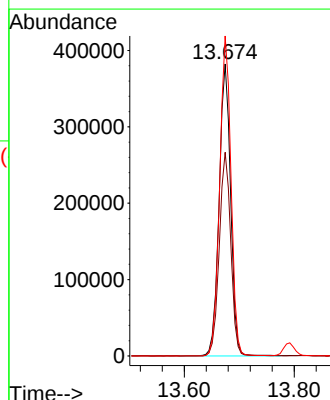
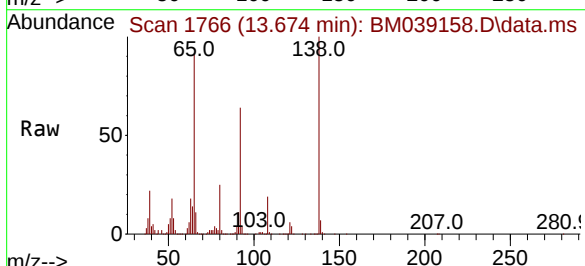
Tgt Ion: 65 Resp: 555869

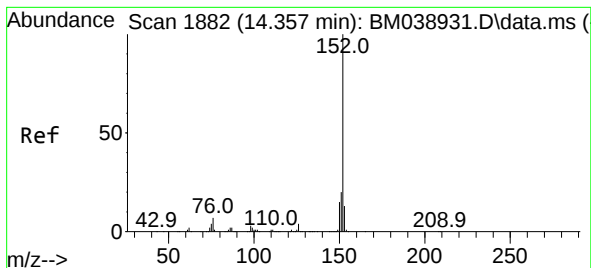
Ion Ratio Lower Upper

65 100

92 69.8 54.9 82.3

138 109.6 81.6 122.4





#49

Acenaphthylene

Concen: 43.729 ng

RT: 14.310 min Scan# 1874

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

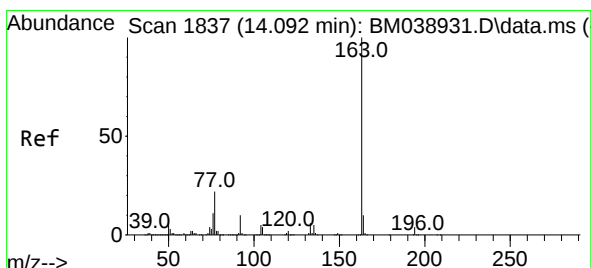
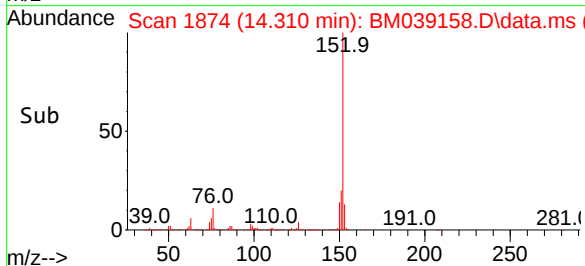
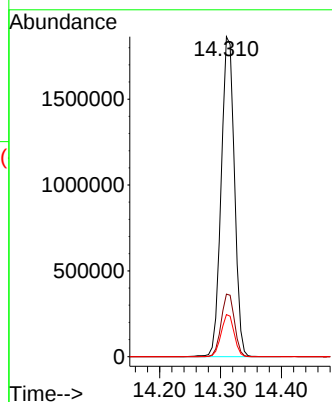
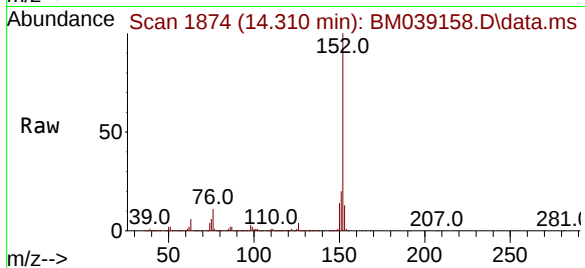
Tgt Ion:152 Resp: 2814696

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 41.323 ng

RT: 14.051 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

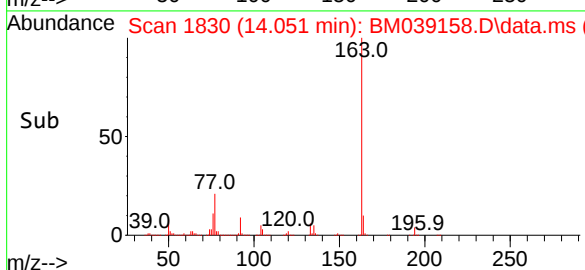
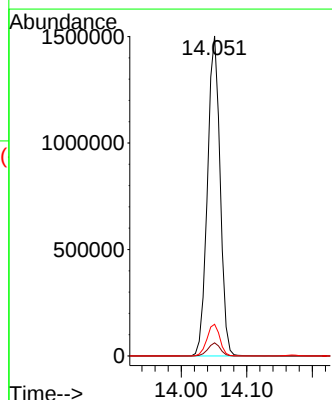
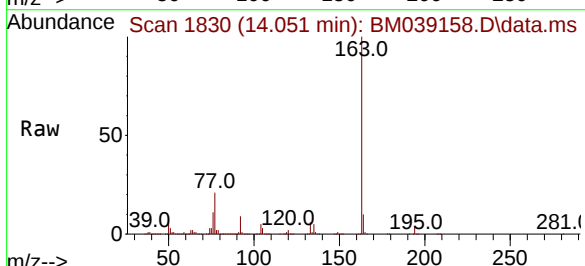
Tgt Ion:163 Resp: 2011400

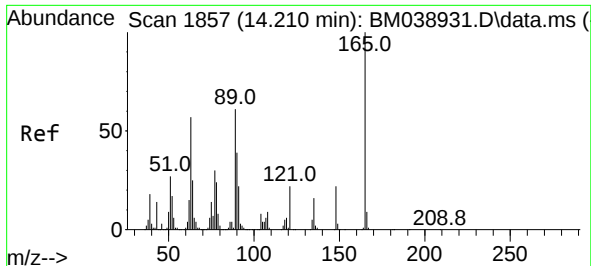
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.1 12.1

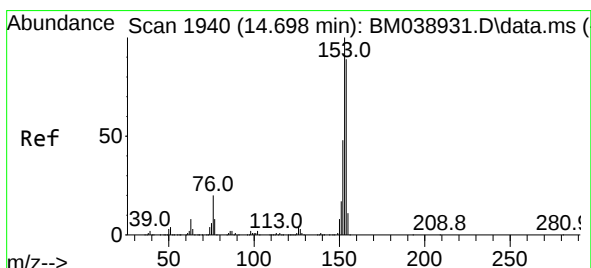
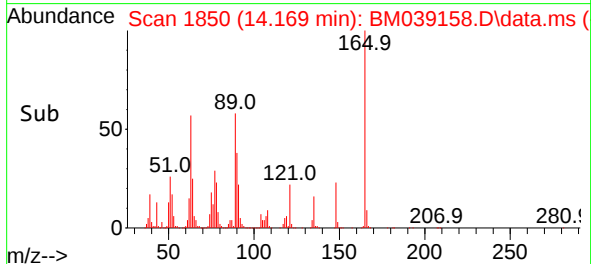
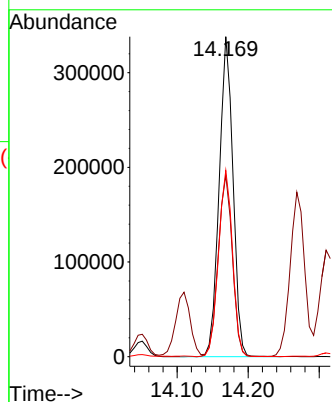
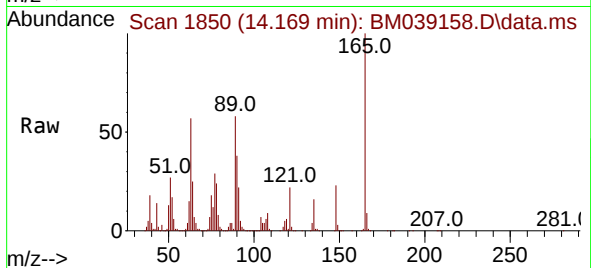




#51
2,6-Dinitrotoluene
Concen: 42.358 ng
RT: 14.169 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

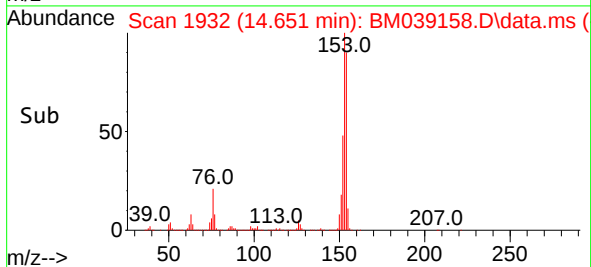
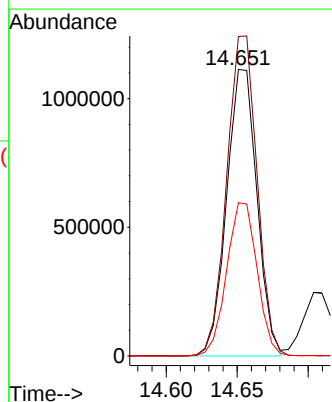
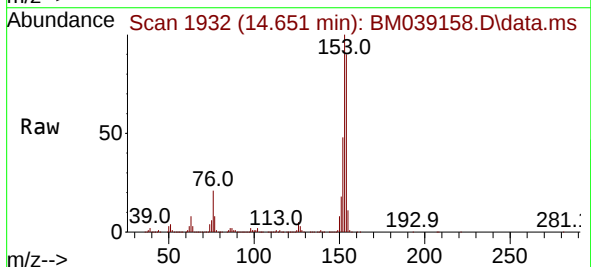
Instrument :
BNA_M
ClientSampleId :
PB151521BS

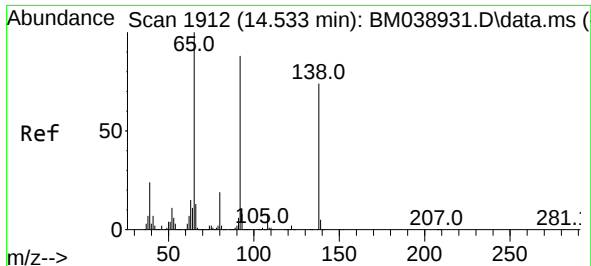
Tgt Ion:165 Resp: 454059
Ion Ratio Lower Upper
165 100
63 56.7 46.6 70.0
89 58.2 48.6 73.0



#52
Acenaphthene
Concen: 41.730 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:154 Resp: 1650722
Ion Ratio Lower Upper
154 100
153 111.5 90.2 135.2
152 53.5 43.4 65.2

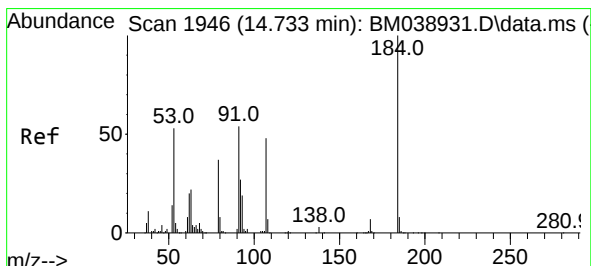
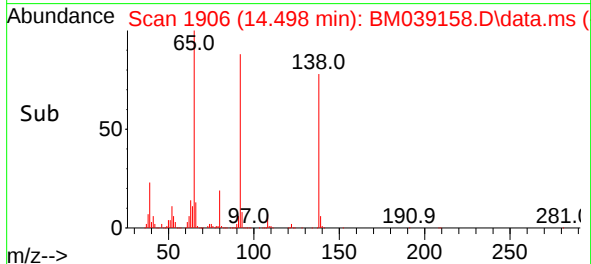
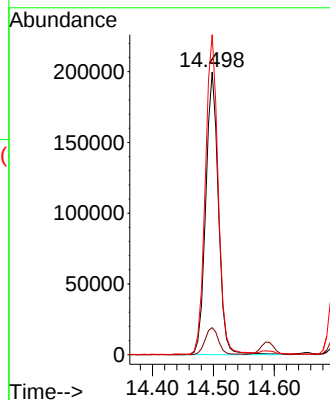
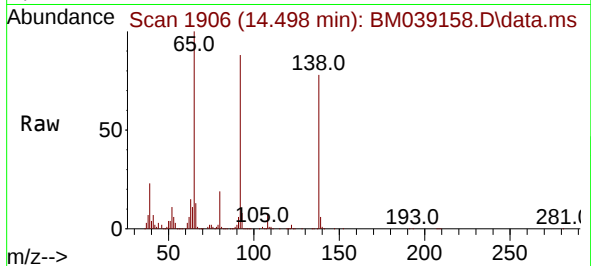




#53
3-Nitroaniline
Concen: 23.774 ng
RT: 14.498 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

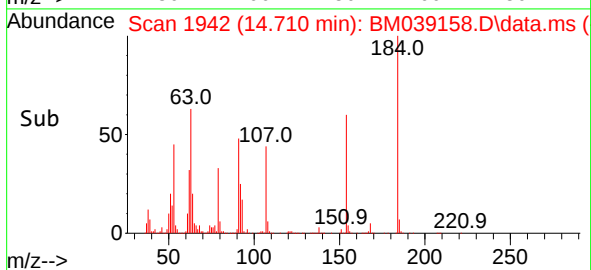
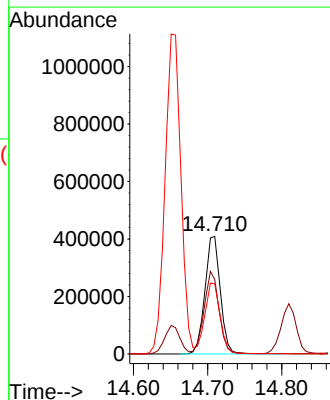
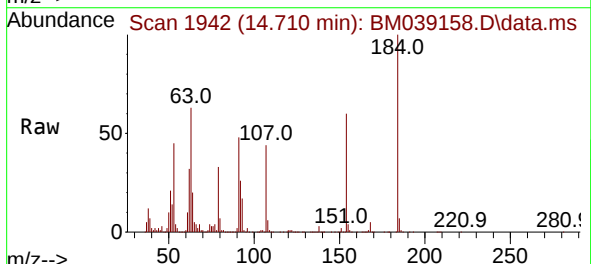
Instrument :
BNA_M
ClientSampleId :
PB151521BS

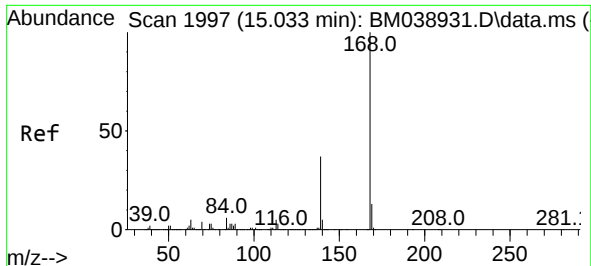
Tgt Ion:138 Resp: 288736
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 113.2 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 94.599 ng
RT: 14.710 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:184 Resp: 591568
Ion Ratio Lower Upper
184 100
63 63.2 60.6 90.8
154 59.6 51.4 77.2

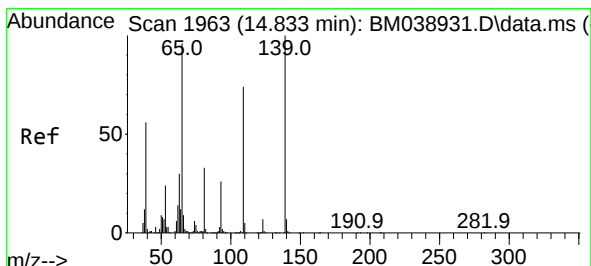
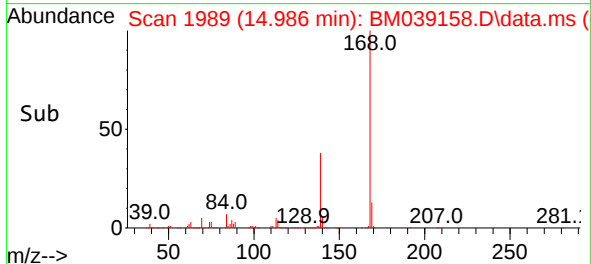
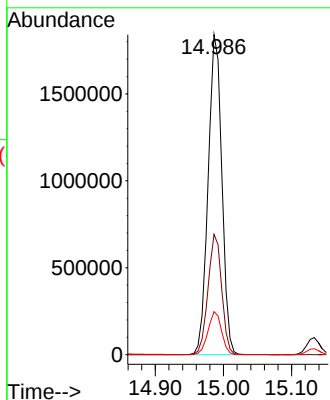
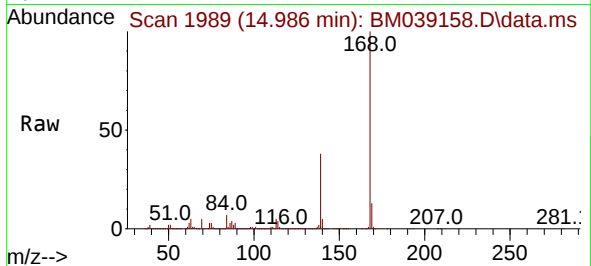




#55
Dibenzofuran
Concen: 41.681 ng
RT: 14.986 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

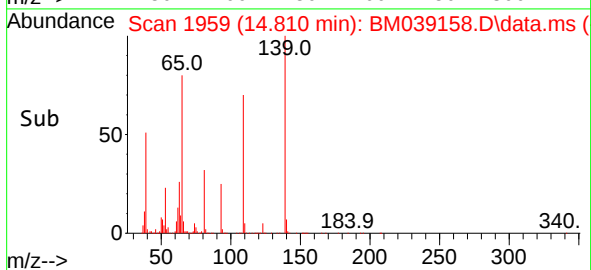
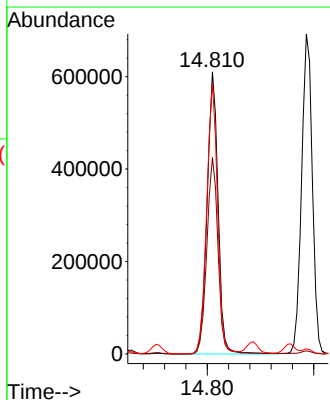
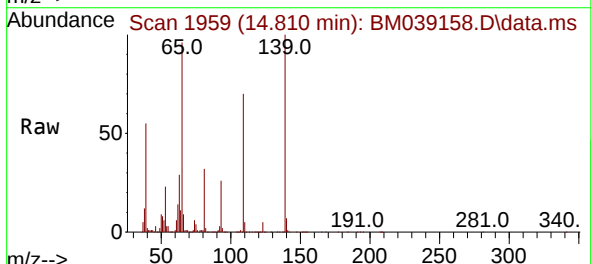
Instrument :
BNA_M
ClientSampleId :
PB151521BS

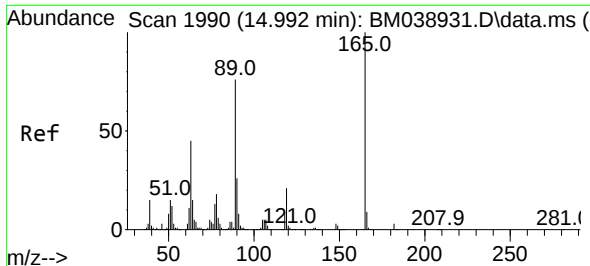
Tgt Ion:168 Resp: 2580098
Ion Ratio Lower Upper
168 100
139 37.6 29.9 44.9
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 90.382 ng
RT: 14.810 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:139 Resp: 873715
Ion Ratio Lower Upper
139 100
109 69.6 53.5 93.5
65 96.1 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 43.111 ng

RT: 14.957 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BM039158.D

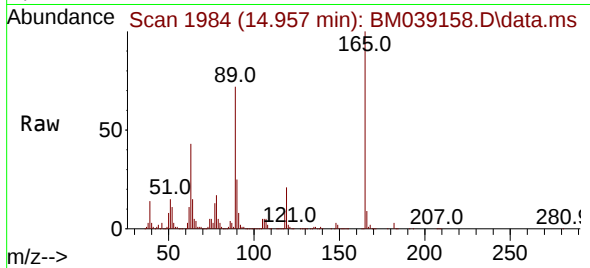
Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS



Tgt Ion:165 Resp: 607606

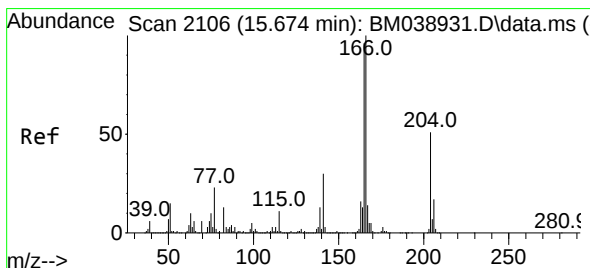
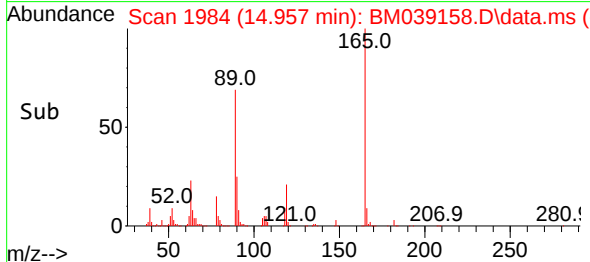
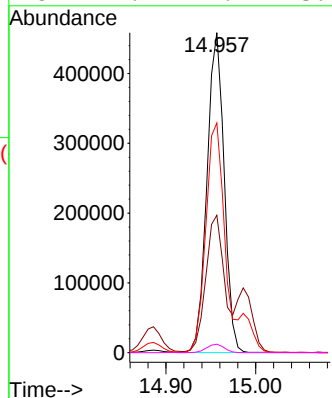
Ion Ratio Lower Upper

165 100

63 42.9 35.9 53.9

89 71.8 61.0 91.6

182 2.7 2.1 3.1



#58

Fluorene

Concen: 42.015 ng

RT: 15.639 min Scan# 2100

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

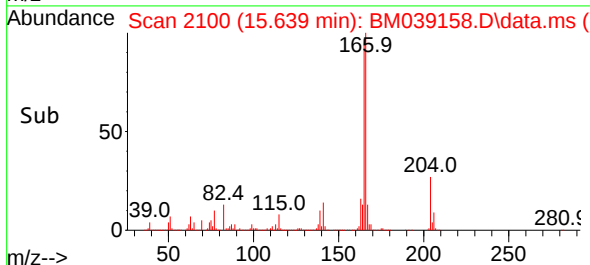
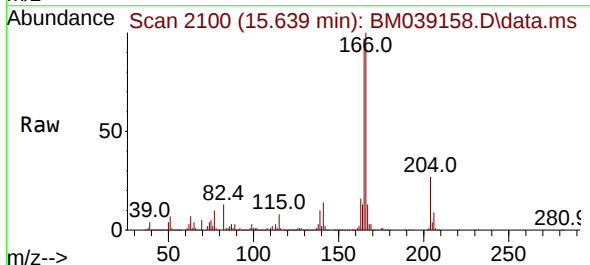
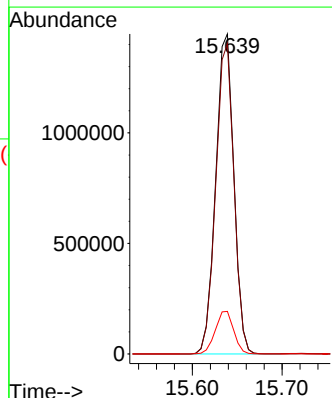
Tgt Ion:166 Resp: 2037267

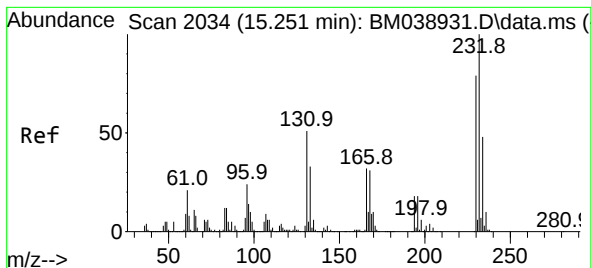
Ion Ratio Lower Upper

166 100

165 97.0 77.1 115.7

167 13.3 10.9 16.3

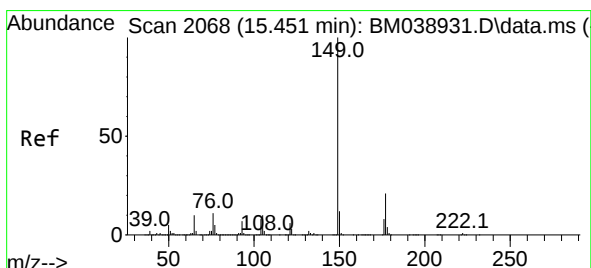
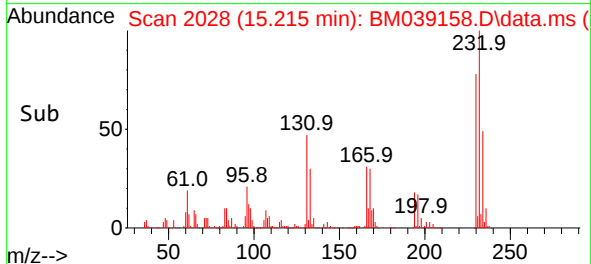
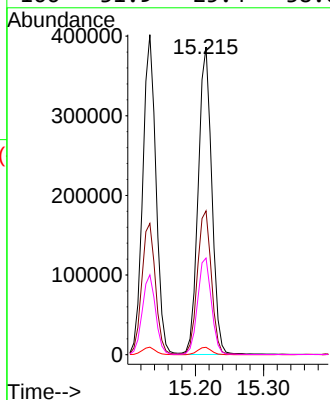
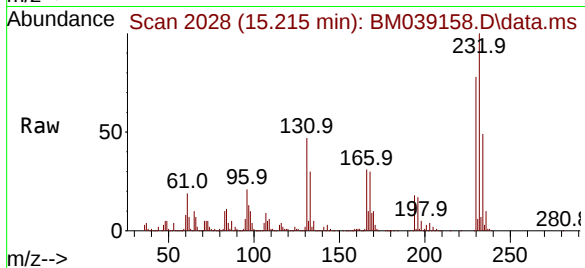




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.569 ng
RT: 15.215 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

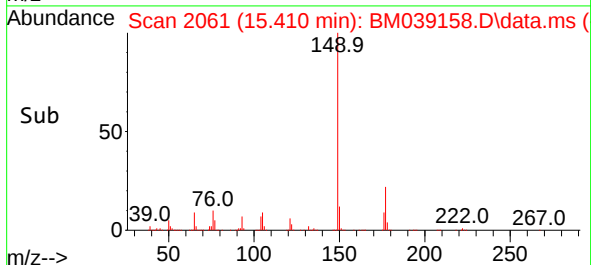
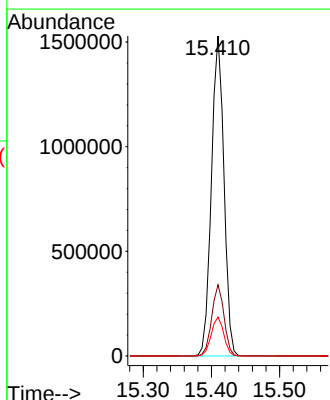
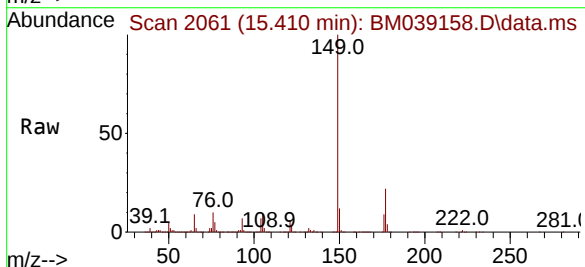
Instrument :
BNA_M
ClientSampleId :
PB151521BS

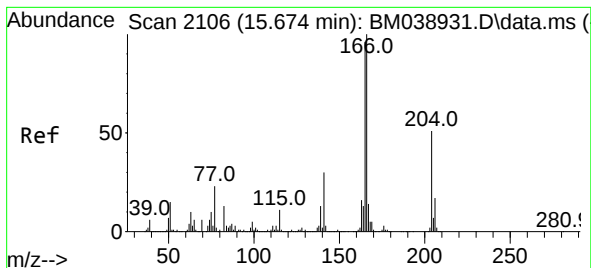
Tgt Ion:232 Resp: 535755
Ion Ratio Lower Upper
232 100
131 47.9 40.0 60.0
130 2.4 2.0 3.0
166 31.9 25.4 38.0



#60
Diethylphthalate
Concen: 41.205 ng
RT: 15.410 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:149 Resp: 1951506
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 12.2 9.7 14.5

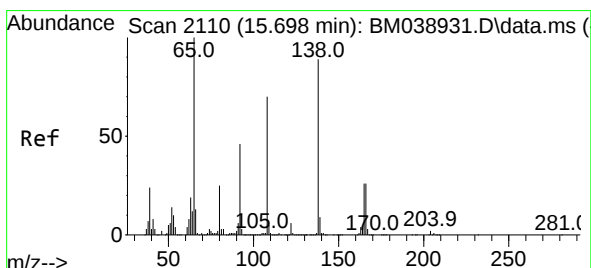
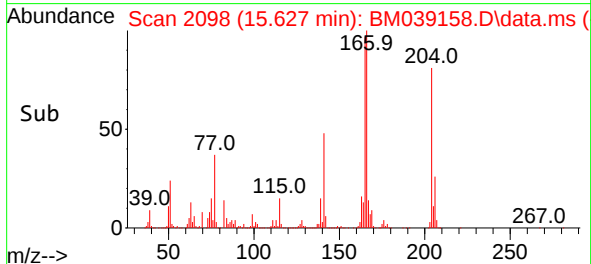
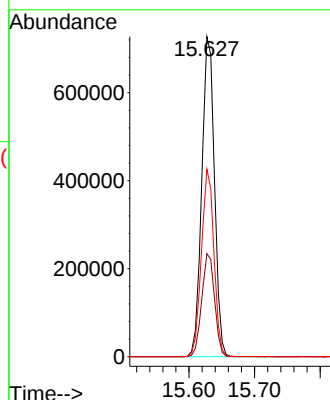
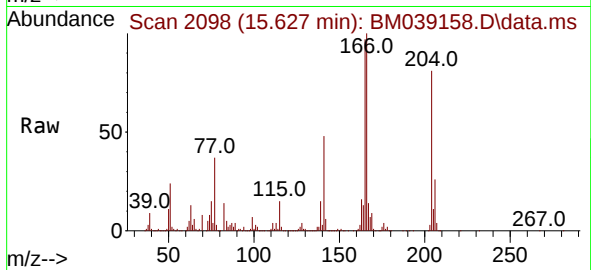




#61
4-Chlorophenyl-phenylether
Concen: 41.139 ng
RT: 15.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

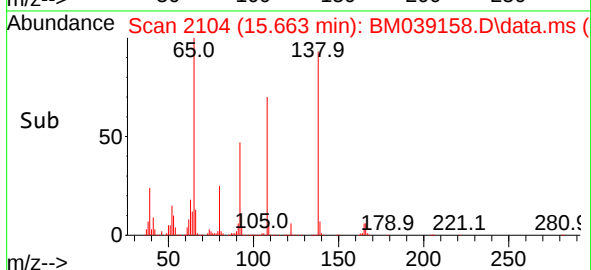
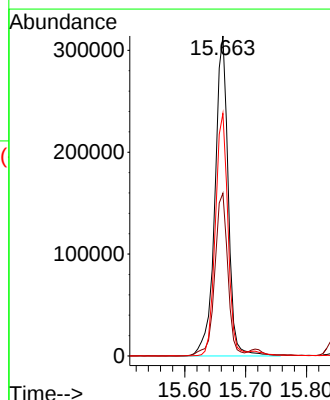
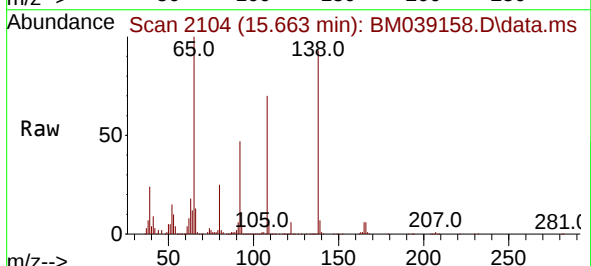
Instrument :
BNA_M
ClientSampleId :
PB151521BS

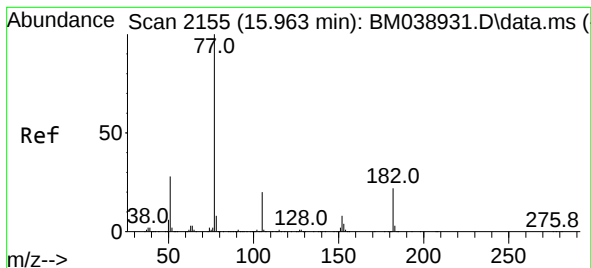
Tgt Ion:204 Resp: 979990
Ion Ratio Lower Upper
204 100
206 32.2 26.4 39.6
141 58.5 46.4 69.6



#62
4-Nitroaniline
Concen: 37.650 ng
RT: 15.663 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:138 Resp: 477223
Ion Ratio Lower Upper
138 100
92 50.9 31.6 71.6
108 75.8 58.6 98.6



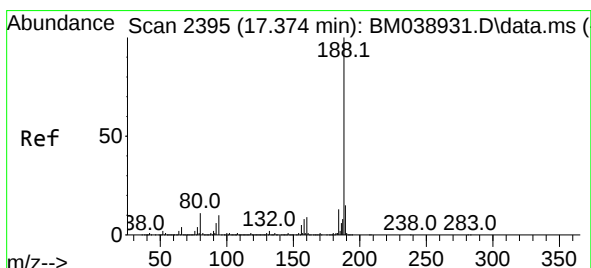
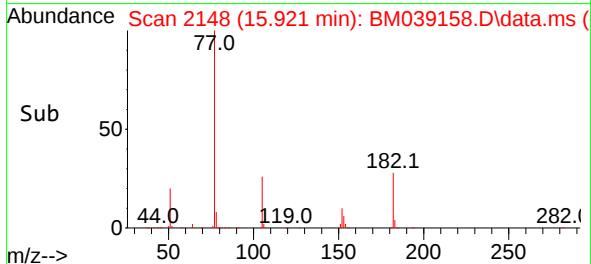
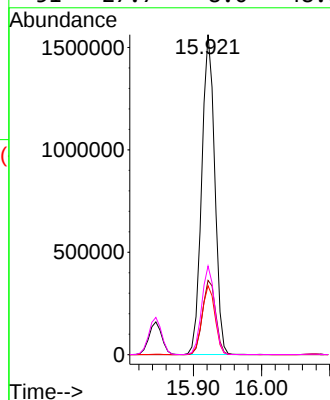
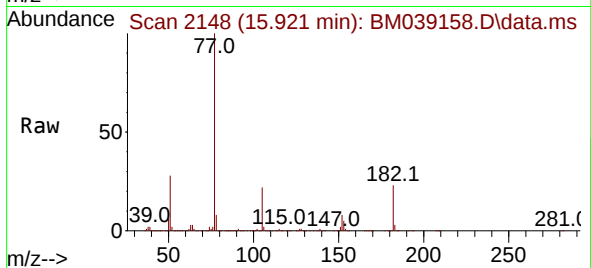


#63
Azobenzene
Concen: 41.373 ng
RT: 15.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Instrument :
BNA_M
ClientSampleId :
PB151521BS

Tgt Ion: 77 Resp: 2073341

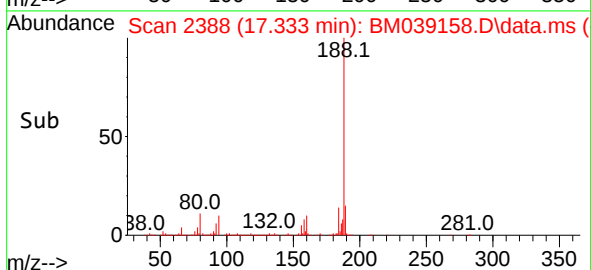
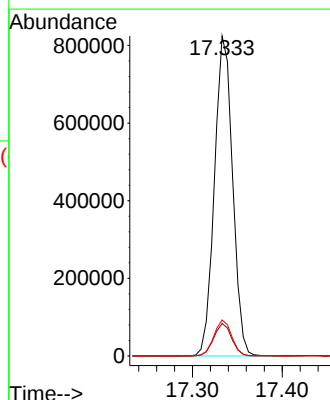
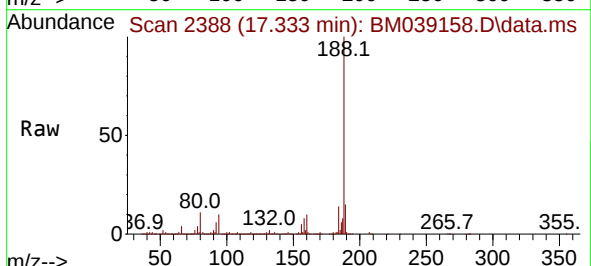
Ion	Ratio	Lower	Upper
77	100		
182	23.2	2.0	42.0
105	21.5	0.4	40.4
51	27.7	8.0	48.0

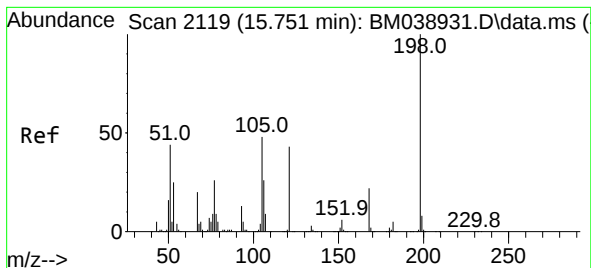


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:188 Resp: 1158139

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.2	8.5	12.7

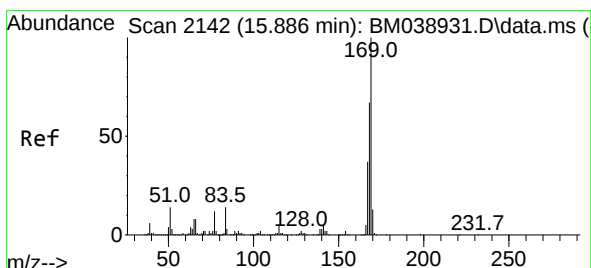
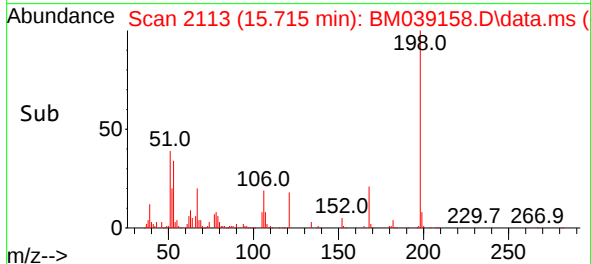
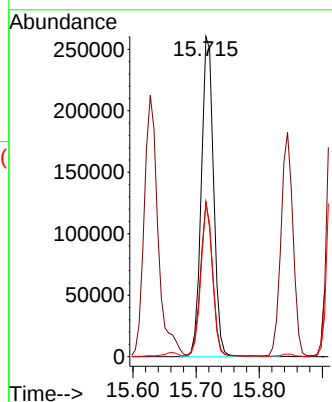
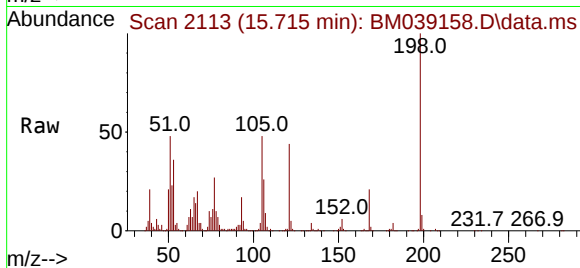




#65
4,6-Dinitro-2-methylphenol
Concen: 46.374 ng
RT: 15.715 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

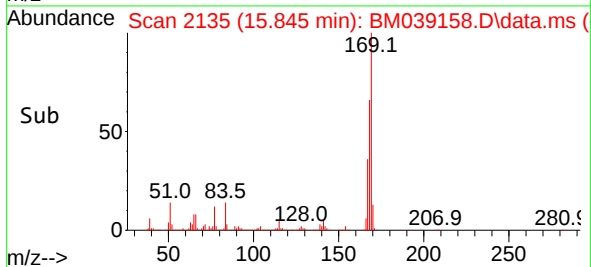
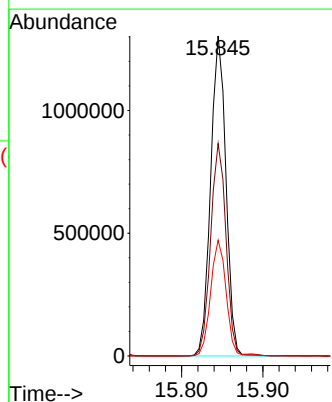
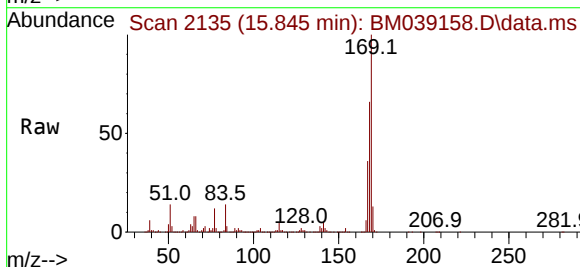
Instrument :
BNA_M
ClientSampleId :
PB151521BS

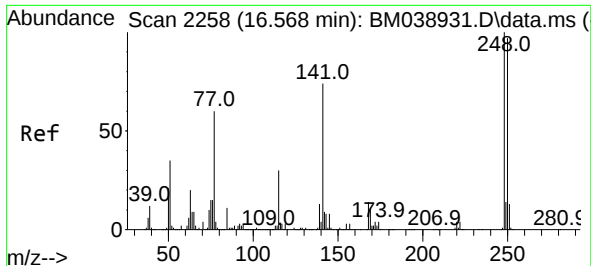
Tgt Ion:198 Resp: 351485
Ion Ratio Lower Upper
198 100
51 48.3 30.1 70.1
105 48.1 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 43.528 ng
RT: 15.845 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:169 Resp: 1699490
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.2 29.4 44.0

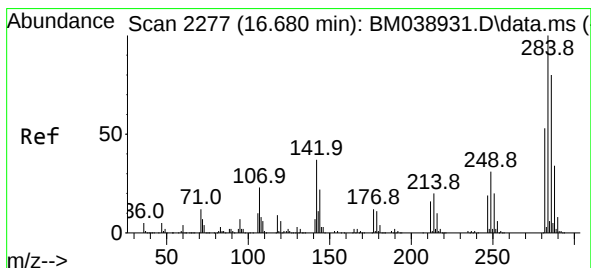
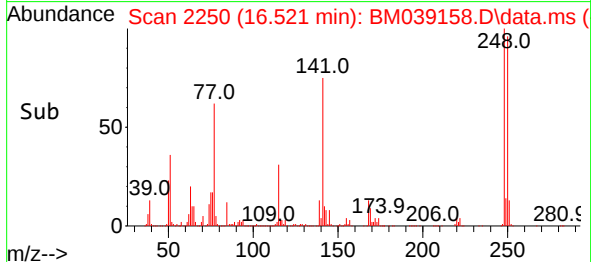
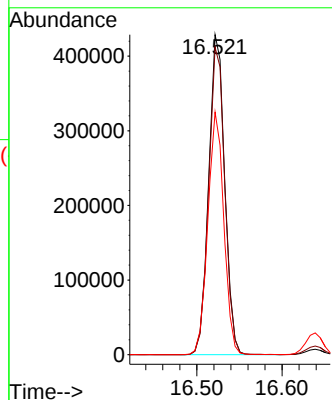
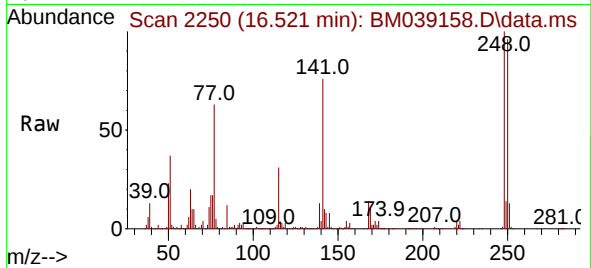




#67
4-Bromophenyl-phenylether
Concen: 44.791 ng
RT: 16.521 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

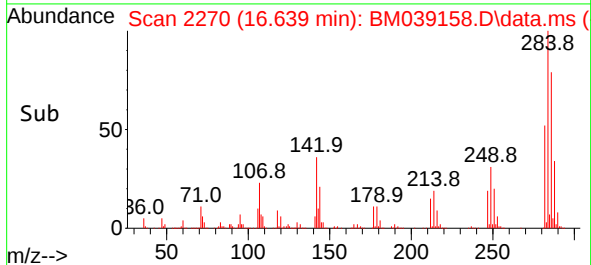
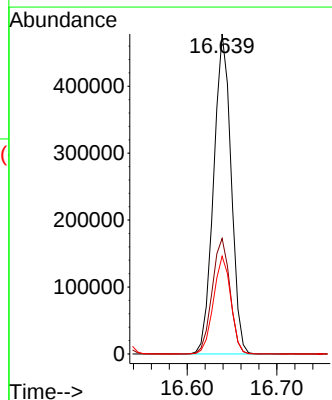
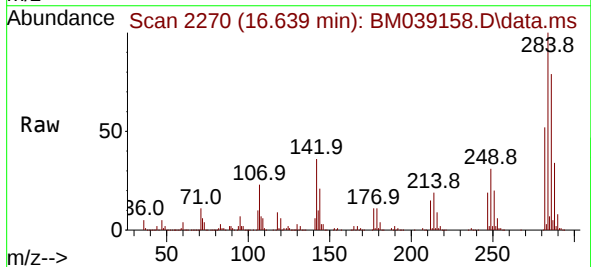
Instrument :
BNA_M
ClientSampleId :
PB151521BS

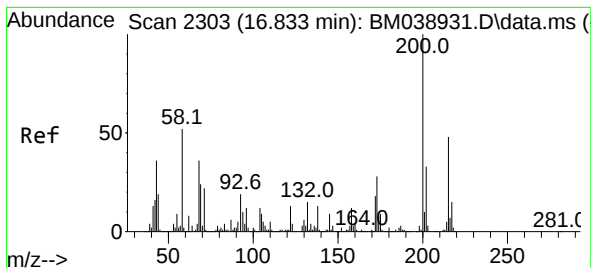
Tgt Ion:248 Resp: 560301
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.8
141 75.8 59.0 88.4



#68
Hexachlorobenzene
Concen: 46.322 ng
RT: 16.639 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:284 Resp: 647763
Ion Ratio Lower Upper
284 100
142 36.1 29.5 44.3
249 30.5 25.0 37.4





#69

Atrazine

Concen: 49.533 ng

RT: 16.798 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

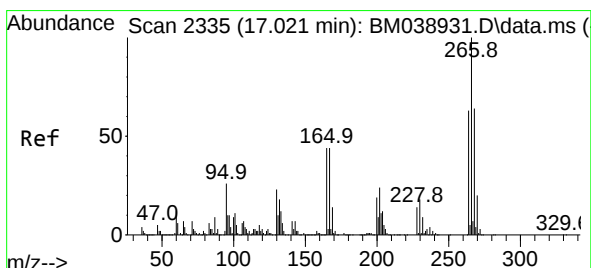
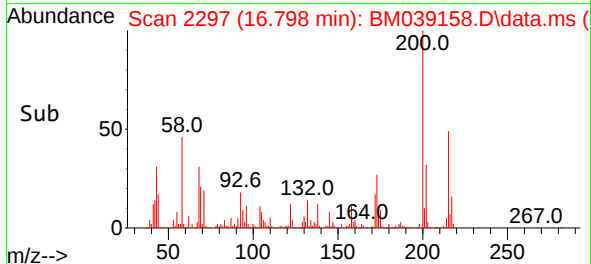
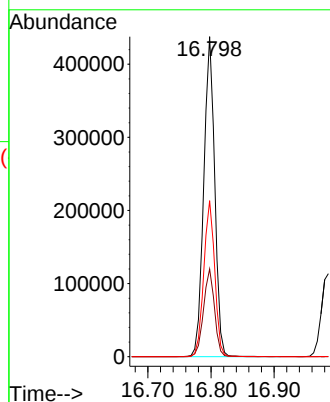
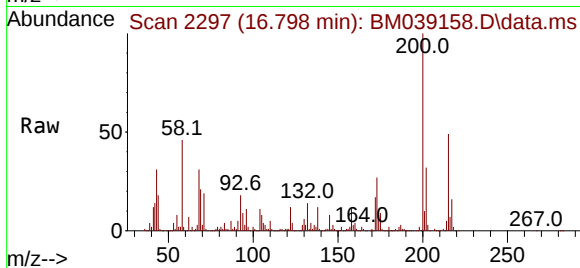
Tgt Ion:200 Resp: 528242

Ion Ratio Lower Upper

200 100

173 27.4 8.2 48.2

215 48.8 27.8 67.8



#70

Pentachlorophenol

Concen: 81.469 ng

RT: 16.986 min Scan# 2329

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

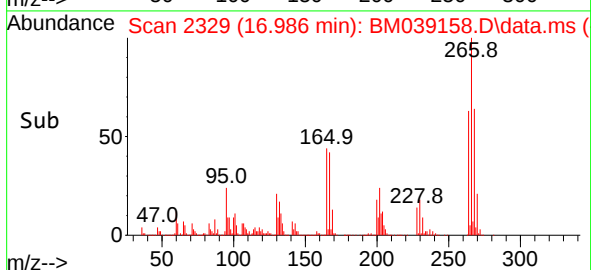
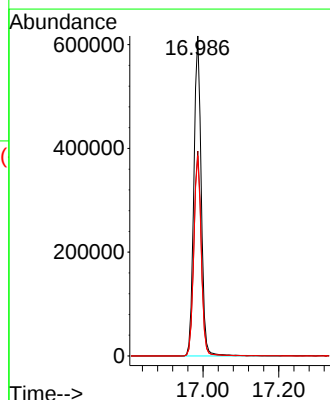
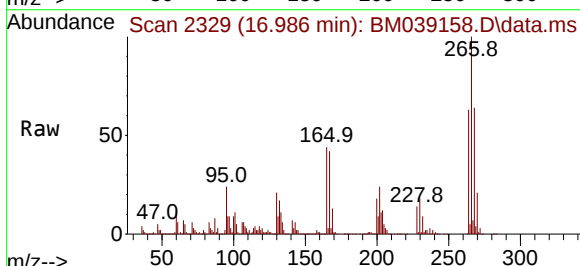
Tgt Ion:266 Resp: 837933

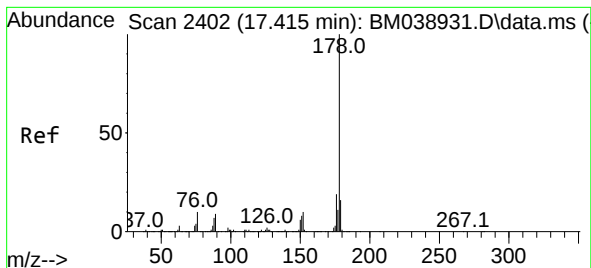
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

264 62.6 50.3 75.5





#71

Phenanthrene

Concen: 42.695 ng

RT: 17.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

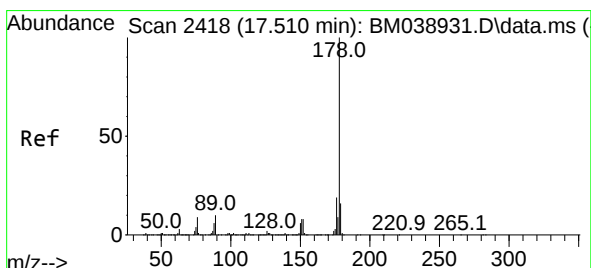
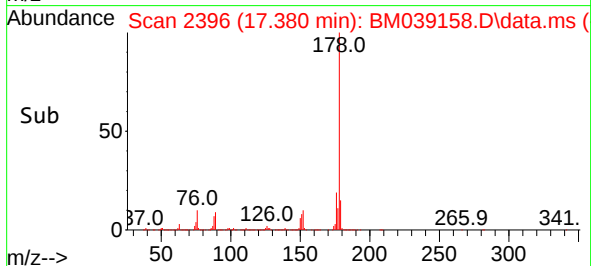
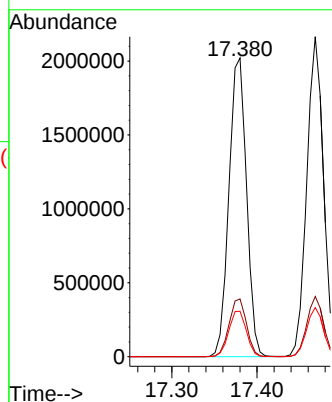
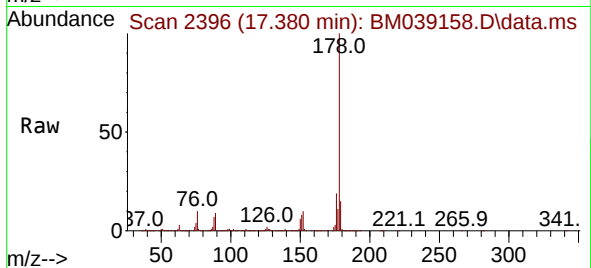
Tgt Ion:178 Resp: 2902066

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.2 12.5 18.7



#72

Anthracene

Concen: 43.464 ng

RT: 17.468 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

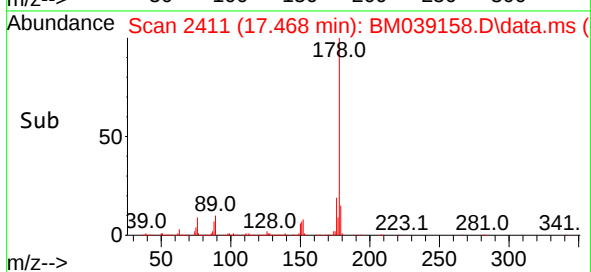
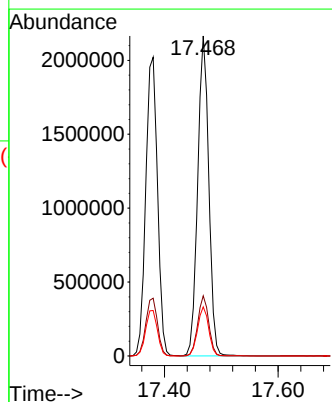
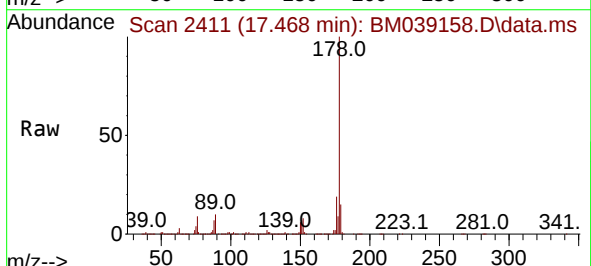
Tgt Ion:178 Resp: 2946212

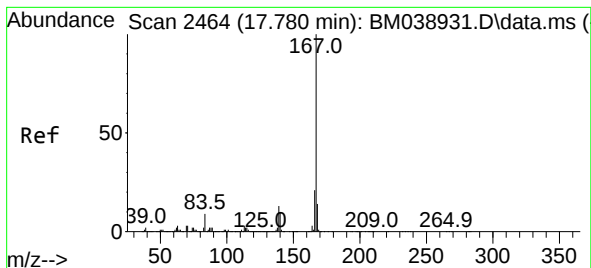
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.3 12.5 18.7





#73

Carbazole

Concen: 43.540 ng

RT: 17.739 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

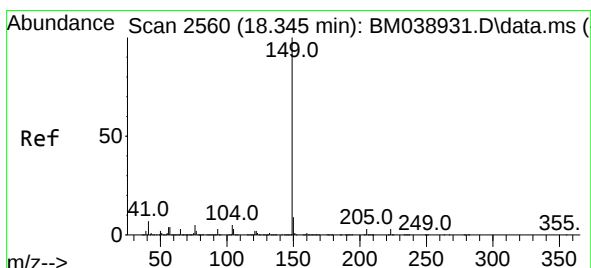
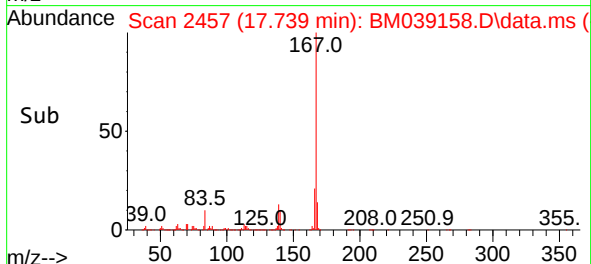
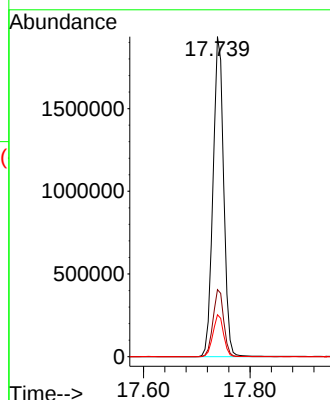
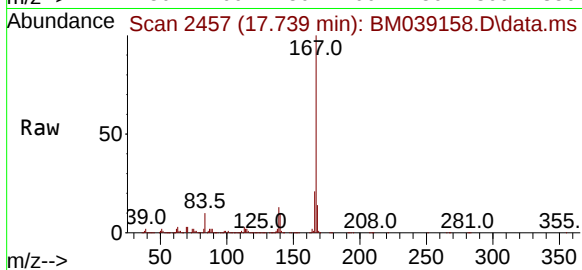
Tgt Ion:167 Resp: 2693589

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 40.147 ng

RT: 18.304 min Scan# 2553

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

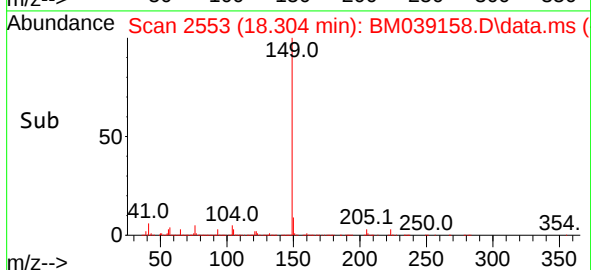
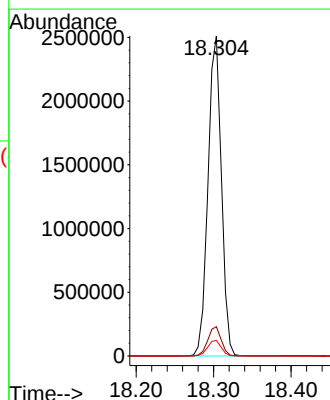
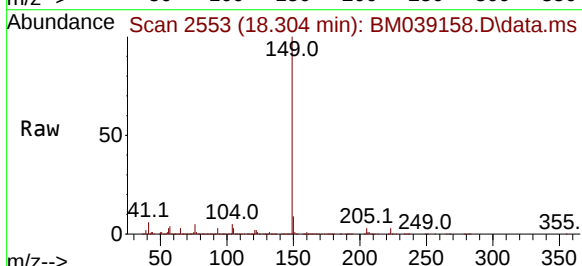
Tgt Ion:149 Resp: 3006253

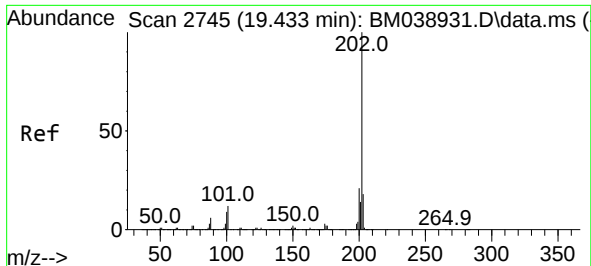
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 4.3 6.5

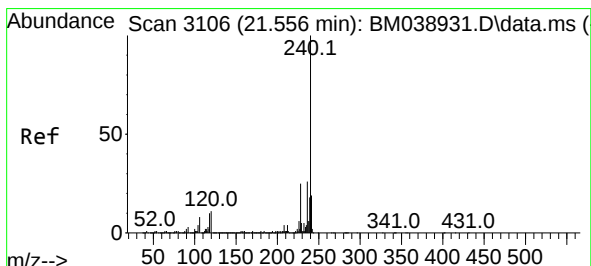
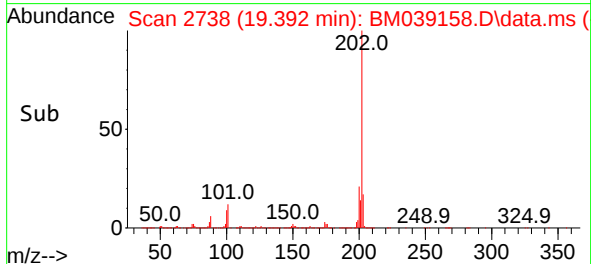
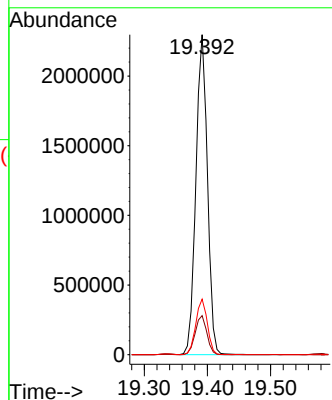
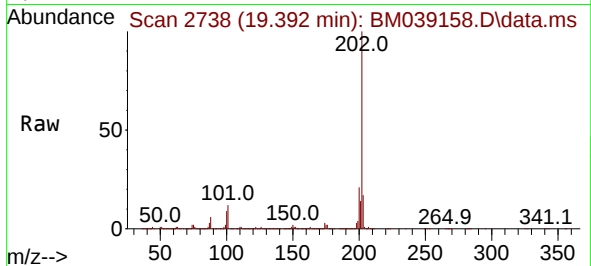




#75
Fluoranthene
Concen: 40.433 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

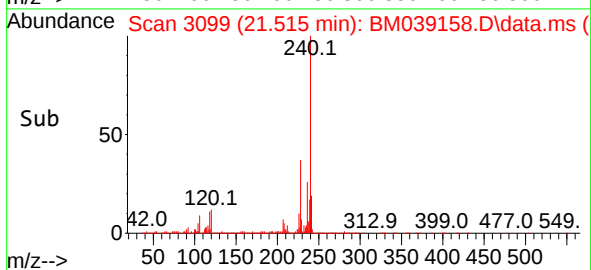
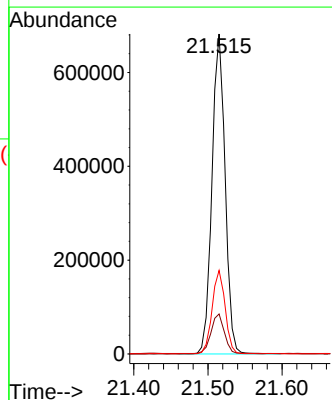
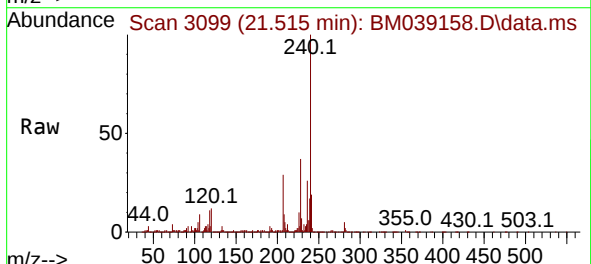
Instrument :
BNA_M
ClientSampleId :
PB151521BS

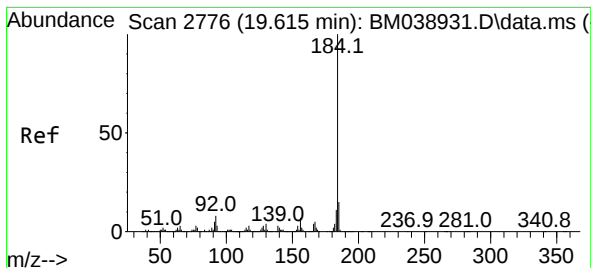
Tgt Ion:202 Resp: 2901781
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.7
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:240 Resp: 838994
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.1 20.8 31.2





#77

Benzidine

Concen: 70.569 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

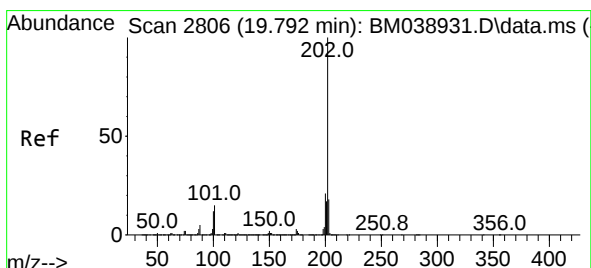
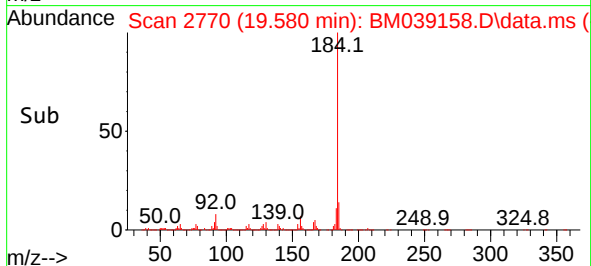
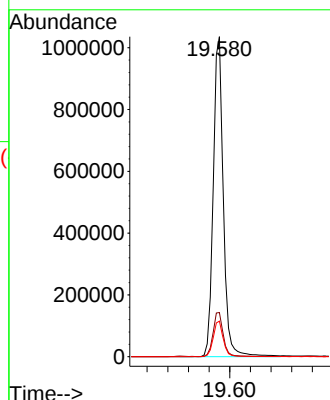
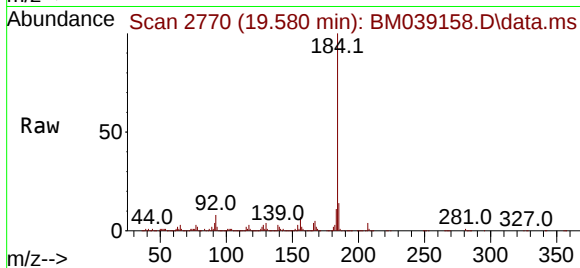
Tgt Ion:184 Resp: 1398382

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.4

183 11.1 8.8 13.2



#78

Pyrene

Concen: 48.465 ng

RT: 19.750 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

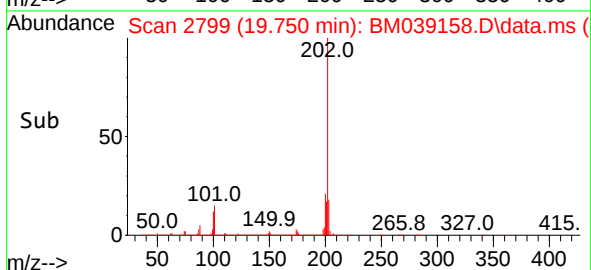
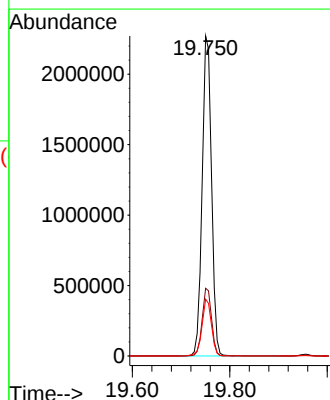
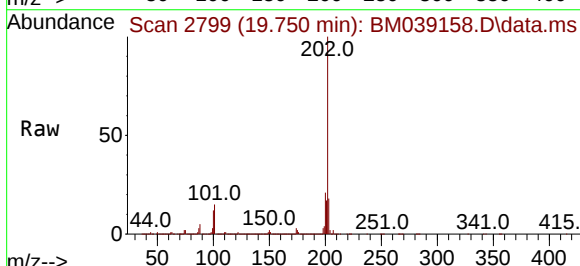
Tgt Ion:202 Resp: 3054034

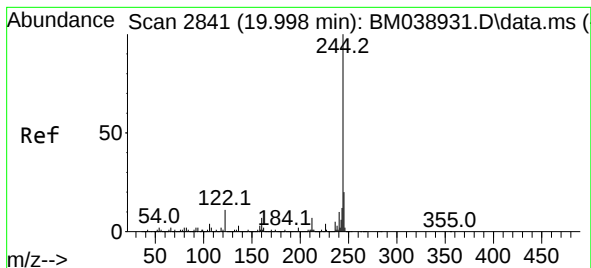
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 103.770 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

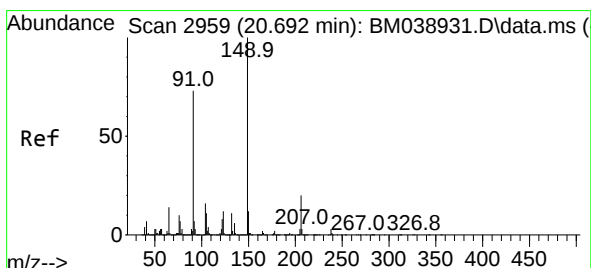
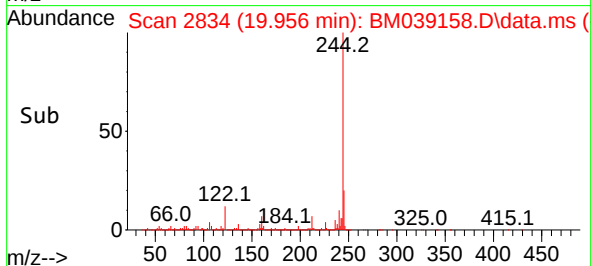
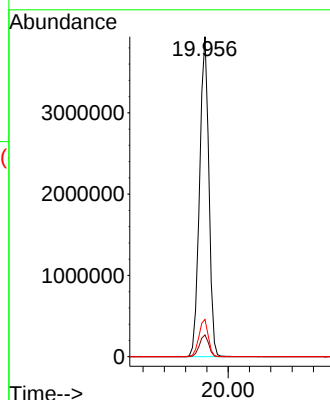
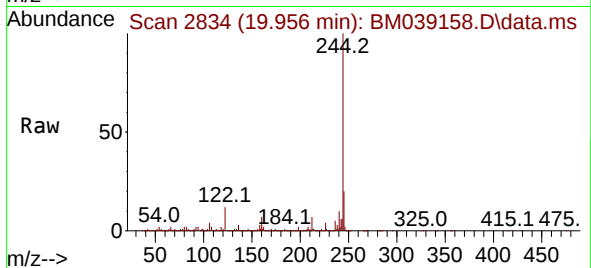
Tgt Ion:244 Resp: 4761862

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.6 9.0 13.4



#80

Butylbenzylphthalate

Concen: 45.546 ng

RT: 20.650 min Scan# 2952

Delta R.T. 0.006 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

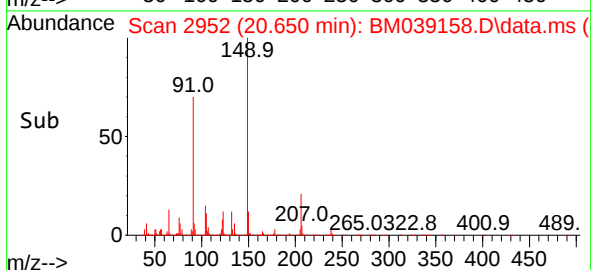
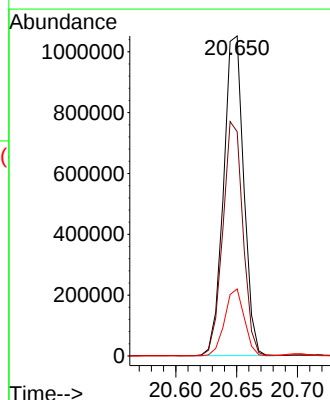
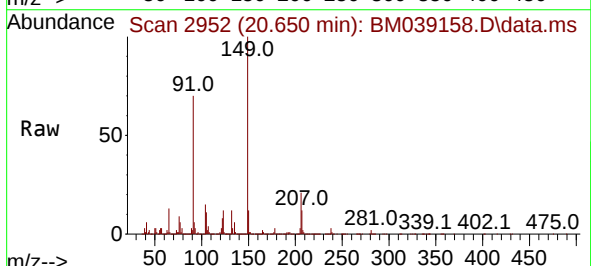
Tgt Ion:149 Resp: 1215500

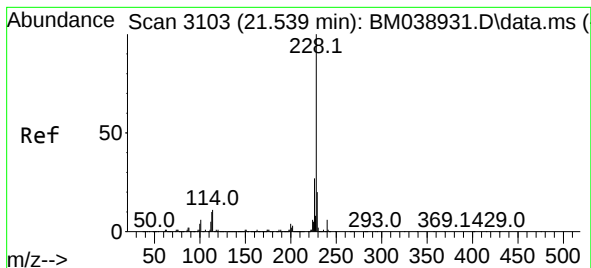
Ion Ratio Lower Upper

149 100

91 70.1 58.4 87.6

206 20.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.104 ng

RT: 21.497 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

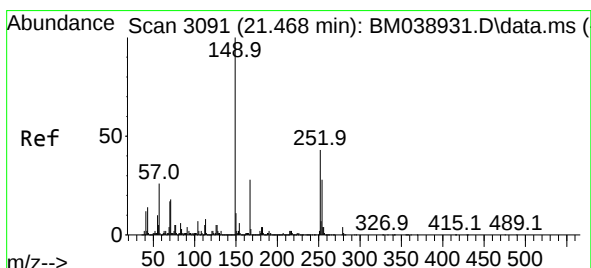
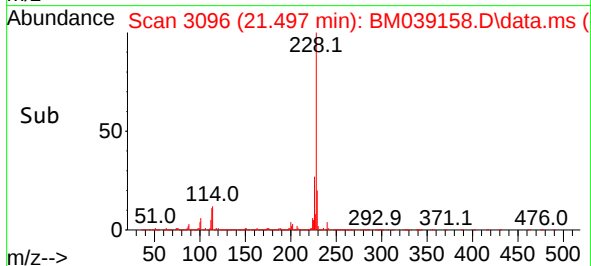
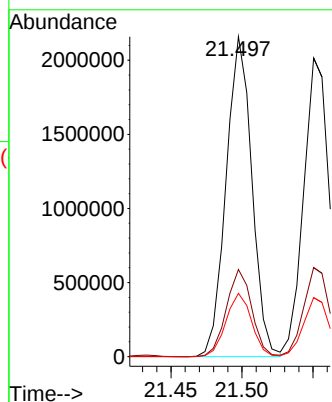
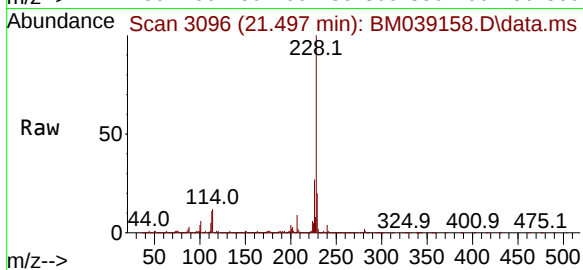
Tgt Ion:228 Resp: 2725185

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 39.481 ng

RT: 21.433 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

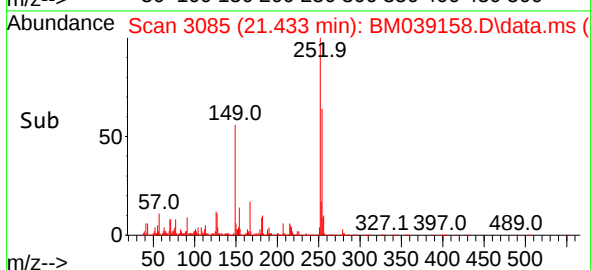
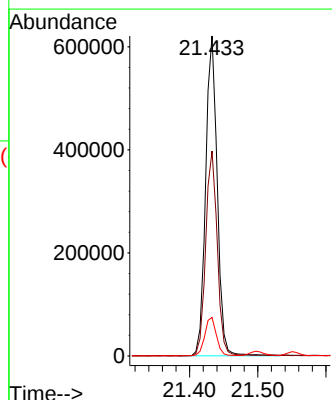
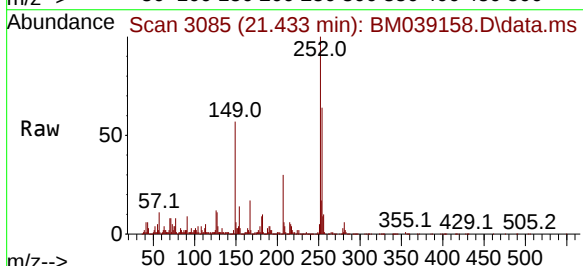
Tgt Ion:252 Resp: 733135

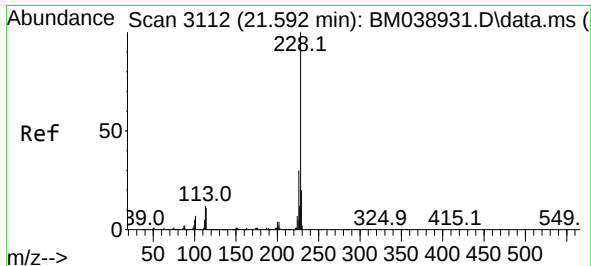
Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

126 12.1 9.9 14.9

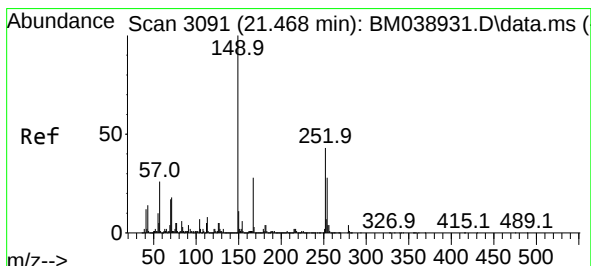
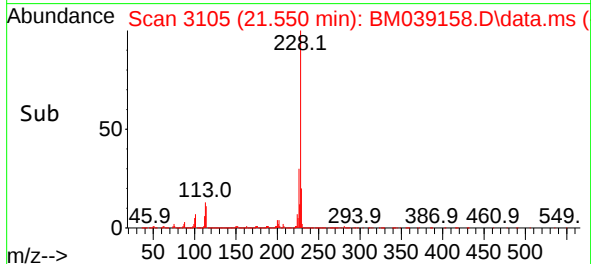
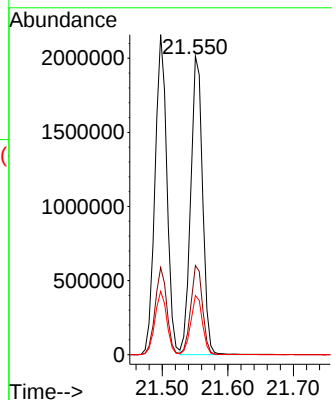
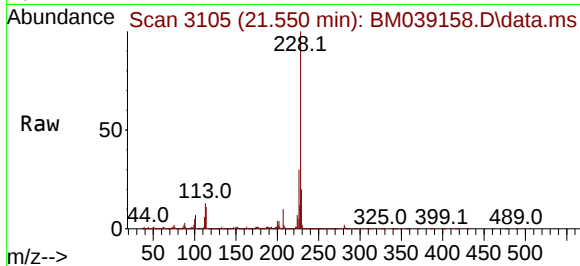




#83
Chrysene
Concen: 42.992 ng
RT: 21.550 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

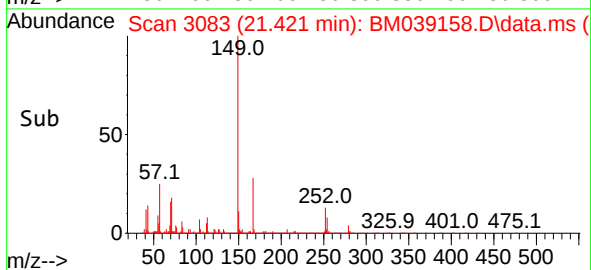
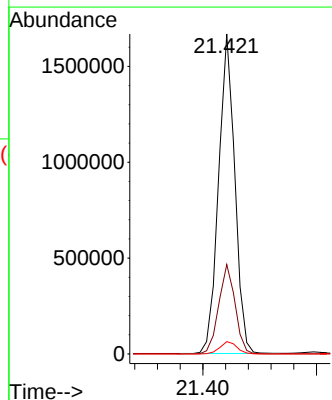
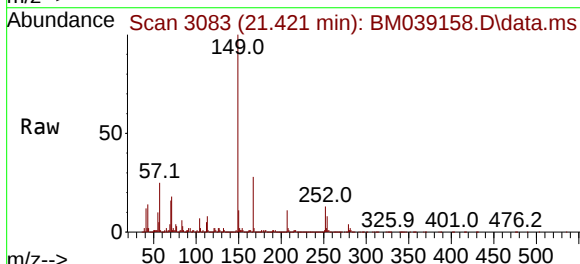
Instrument :
BNA_M
ClientSampleId :
PB151521BS

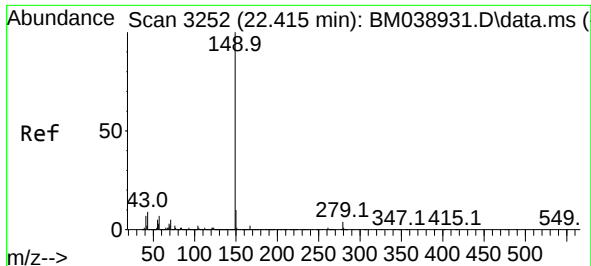
Tgt Ion:228 Resp: 2526350
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 19.8 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.049 ng
RT: 21.421 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:149 Resp: 1657297
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 3.9 3.2 4.8

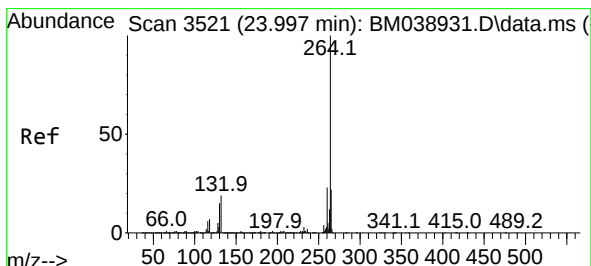
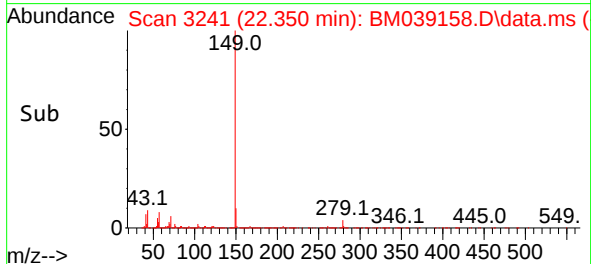
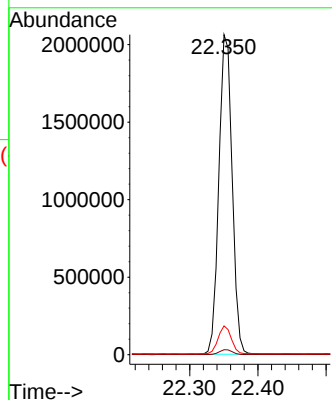
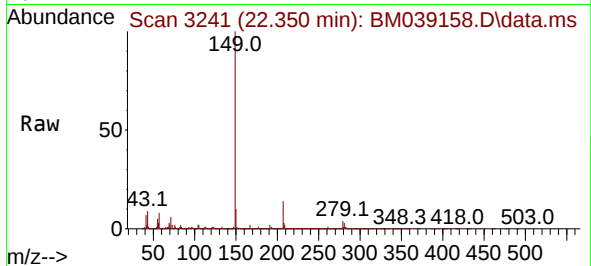




#85
Di-n-octyl phthalate
Concen: 43.729 ng
RT: 22.350 min Scan# 311
Delta R.T. -0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

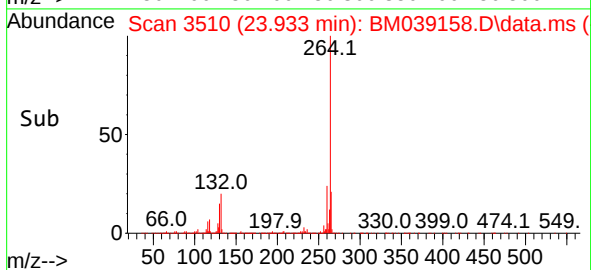
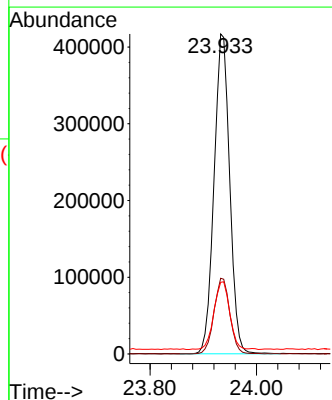
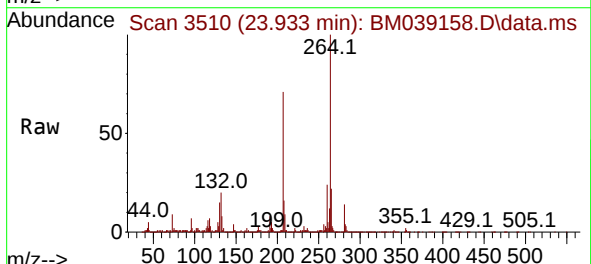
Instrument :
BNA_M
ClientSampleId :
PB151521BS

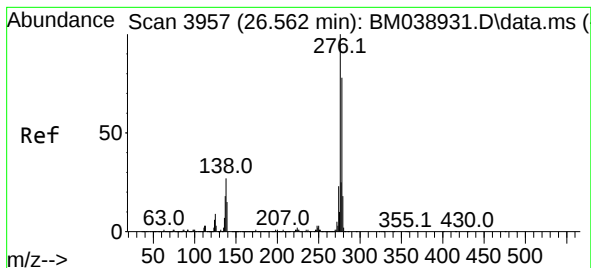
Tgt Ion:149 Resp: 2787780
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.7 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:264 Resp: 849522
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.877 ng

RT: 26.462 min Scan# 3940

Delta R.T. -0.006 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

Instrument :

BNA_M

ClientSampleId :

PB151521BS

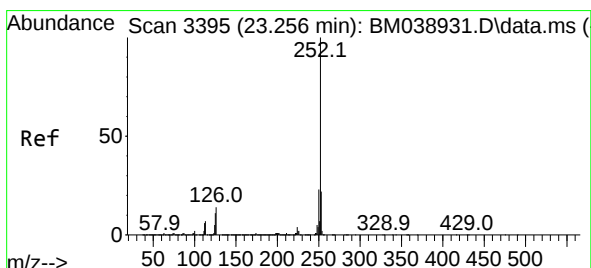
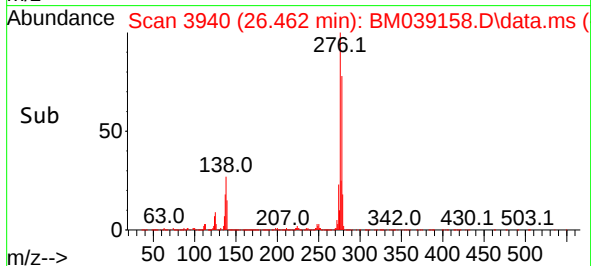
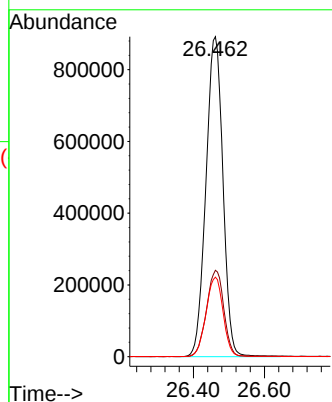
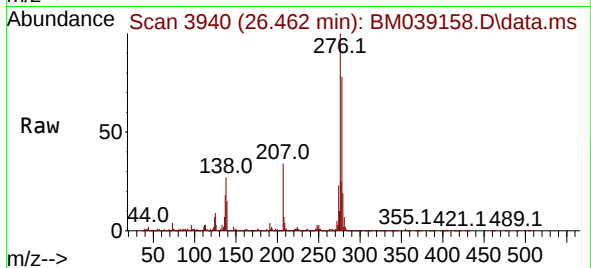
Tgt Ion:276 Resp: 2965595

Ion Ratio Lower Upper

276 100

138 27.5 22.1 33.1

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.422 ng

RT: 23.197 min Scan# 3385

Delta R.T. -0.000 min

Lab File: BM039158.D

Acq: 27 Mar 2023 12:53

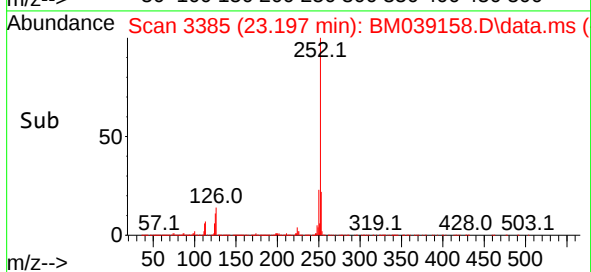
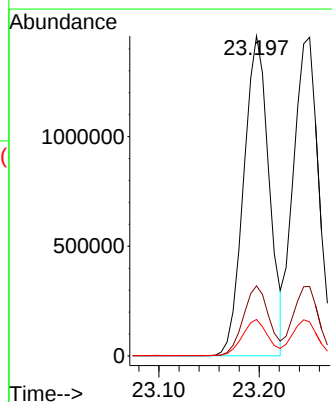
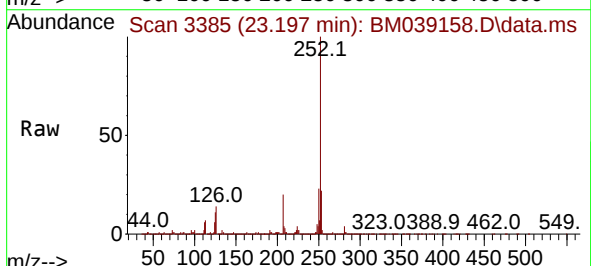
Tgt Ion:252 Resp: 2573712

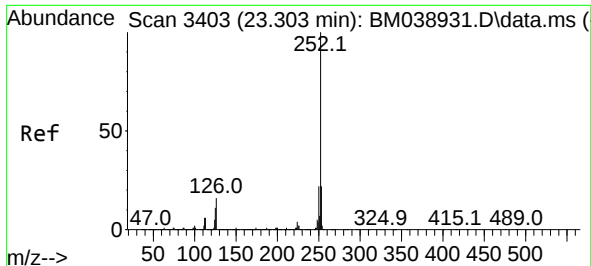
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.4 8.8 13.2

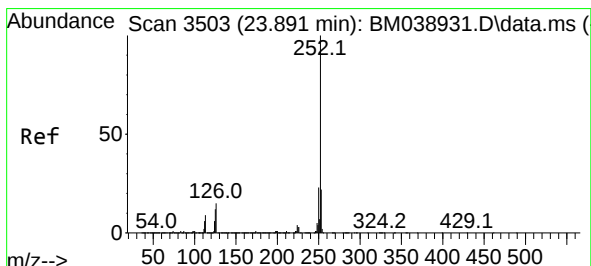
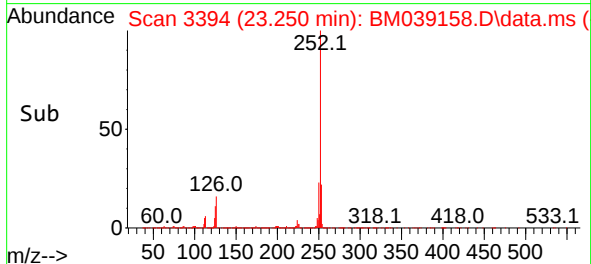
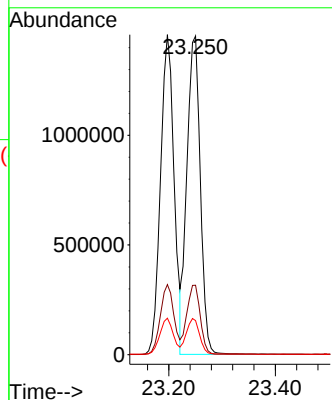
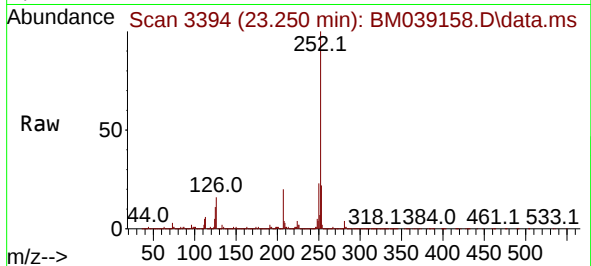




#89
Benzo(k)fluoranthene
Concen: 44.962 ng
RT: 23.250 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

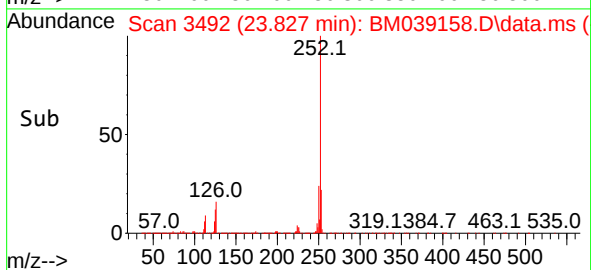
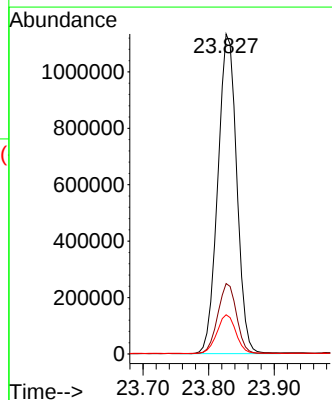
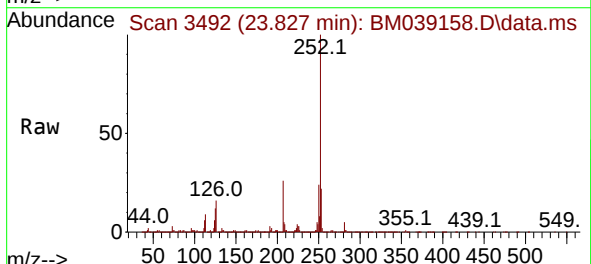
Instrument :
BNA_M
ClientSampleId :
PB151521BS

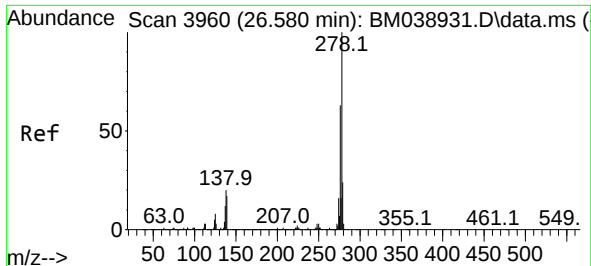
Tgt Ion:252 Resp: 2539552
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.7 8.9 13.3



#90
Benzo(a)pyrene
Concen: 43.325 ng
RT: 23.827 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:252 Resp: 2262996
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.2 9.8 14.8

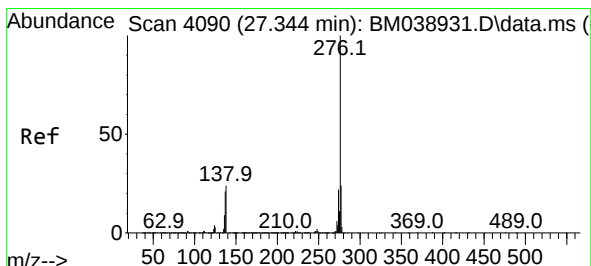
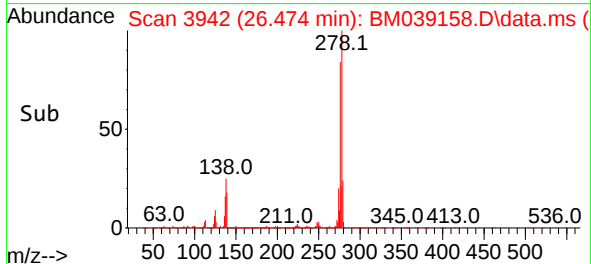
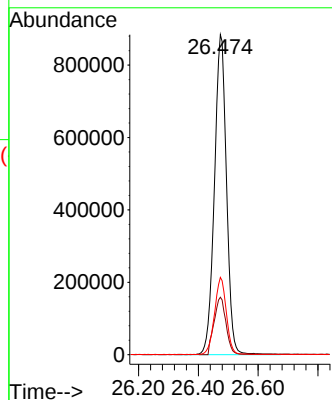
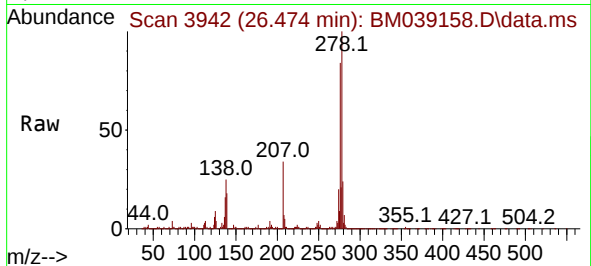




#91
Dibenzo(a,h)anthracene
Concen: 45.166 ng
RT: 26.474 min Scan# 3960
Delta R.T. -0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Instrument :
BNA_M
ClientSampleId :
PB151521BS

Tgt Ion:278 Resp: 2472603
Ion Ratio Lower Upper
278 100
139 18.0 13.7 20.5
279 24.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.664 ng
RT: 27.238 min Scan# 4072
Delta R.T. -0.006 min
Lab File: BM039158.D
Acq: 27 Mar 2023 12:53

Tgt Ion:276 Resp: 2445726
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 24.4 19.0 28.6

