

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039177.D
 Acq On : 28 Mar 2023 13:35
 Operator : CG/JU
 Sample : PB151512BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151512BS

Quant Time: Mar 29 01:26:48 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	7.940	152	283494	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1202174	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	756362	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1589570	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1382896	20.000	ng	0.00
86) Perylene-d12	23.933	264	1515612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2347803	125.823	ng	0.00
7) Phenol-d6	7.110	99	3138173	129.478	ng	0.00
23) Nitrobenzene-d5	9.110	82	1861075	76.044	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	1148053	131.207	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	4158303	71.570	ng	0.00
79) Terphenyl-d14	19.951	244	5771438	76.304	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	318325	38.347	ng	100
3) Pyridine	3.769	79	828679	35.994	ng	99
4) n-Nitrosodimethylamine	3.675	42	367303	39.206	ng	95
6) Aniline	7.263	93	1297041	40.758	ng	99
8) 2-Chlorophenol	7.504	128	1051828	52.947	ng	98
9) Benzaldehyde	7.075	77	601748	52.174	ng	97
10) Phenol	7.140	94	1353318	52.580	ng	97
11) bis(2-Chloroethyl)ether	7.363	93	962116	45.977	ng	99
12) 1,3-Dichlorobenzene	7.828	146	991387	46.960	ng	97
13) 1,4-Dichlorobenzene	7.975	146	1015748	47.308	ng	99
14) 1,2-Dichlorobenzene	8.293	146	983005	47.529	ng	99
15) Benzyl Alcohol	8.187	79	921365	53.037	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1271014	48.093	ng	99
17) 2-Methylphenol	8.393	107	911109	51.531	ng	99
18) Hexachloroethane	9.022	117	391177	49.379	ng	96
19) n-Nitroso-di-n-propyla...	8.757	70	793068	51.950	ng	97
20) 3+4-Methylphenols	8.722	107	1250476	52.968	ng	99
22) Acetophenone	8.769	105	1549757	45.948	ng	# 99
24) Nitrobenzene	9.151	77	1146519	44.571	ng	98
25) Isophorone	9.681	82	2189660	48.619	ng	100
26) 2-Nitrophenol	9.863	139	569966	50.045	ng	95
27) 2,4-Dimethylphenol	9.928	122	1030195	52.498	ng	99
28) bis(2-Chloroethoxy)met...	10.163	93	1395152	48.212	ng	99
29) 2,4-Dichlorophenol	10.404	162	1006895	54.120	ng	99
30) 1,2,4-Trichlorobenzene	10.616	180	933246	45.903	ng	98
31) Naphthalene	10.804	128	3026846	44.155	ng	99
32) Benzoic acid	10.098	122	805808	55.015	ng	99
33) 4-Chloroaniline	10.916	127	674961	23.104	ng	99
34) Hexachlorobutadiene	11.081	225	530071	45.465	ng	100
35) Caprolactam	11.722	113	190300	33.607	ng	99
36) 4-Chloro-3-methylphenol	12.045	107	1085872	54.811	ng	98
37) 2-Methylnaphthalene	12.410	142	2098495	45.673	ng	99
38) 1-Methylnaphthalene	12.628	142	1979555	45.975	ng	100
40) 1,2,4,5-Tetrachloroben...	12.780	216	1077155	43.806	ng	100
41) Hexachlorocyclopentadiene	12.757	237	1142381	84.639	ng	100
43) 2,4,6-Trichlorophenol	13.022	196	796912	50.049	ng	99

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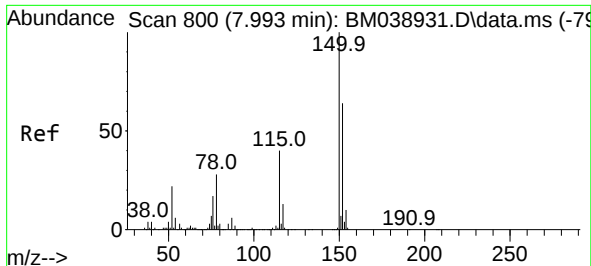
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	859827	46.134	ng	98
46) 1,1'-Biphenyl	13.422	154	2846261	44.419	ng	99
47) 2-Chloronaphthalene	13.463	162	2178014	45.076	ng	99
48) 2-Nitroaniline	13.669	65	723989	46.854	ng	96
49) Acenaphthylene	14.310	152	3485609	45.288	ng	100
50) Dimethylphthalate	14.045	163	2732284	46.945	ng	100
51) 2,6-Dinitrotoluene	14.169	165	614320	47.727	ng	93
52) Acenaphthene	14.651	154	2068604	43.734	ng	98
53) 3-Nitroaniline	14.492	138	444958	30.182	ng	96
54) 2,4-Dinitrophenol	14.704	184	831131	110.244	ng	92
55) Dibenzofuran	14.980	168	3275260	44.250	ng	99
56) 4-Nitrophenol	14.816	139	1184221	102.450	ng	95
57) 2,4-Dinitrotoluene	14.951	165	836886	49.345	ng	99
58) Fluorene	15.633	166	2626956	45.308	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	736604	51.247	ng	97
60) Diethylphthalate	15.404	149	2803105	49.498	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	1313828	46.125	ng	99
62) 4-Nitroaniline	15.663	138	689529	45.130	ng	95
63) Azobenzene	15.916	77	2843639	47.456	ng	99
65) 4,6-Dinitro-2-methylph...	15.716	198	508999	48.649	ng	93
66) n-Nitrosodiphenylamine	15.839	169	2347441	43.806	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	793525	46.218	ng	97
68) Hexachlorobenzene	16.633	284	887462	46.238	ng	99
69) Atrazine	16.798	200	796138	54.391	ng	97
70) Pentachlorophenol	16.980	266	1206788	85.487	ng	100
71) Phenanthrene	17.374	178	4022530	43.117	ng	100
72) Anthracene	17.463	178	4161020	44.725	ng	100
73) Carbazole	17.739	167	3885666	45.762	ng	99
74) Di-n-butylphthalate	18.298	149	4896210	47.304	ng	99
75) Fluoranthene	19.386	202	4388588	44.553	ng	99
77) Benzidine	19.574	184	2752391	83.322	ng	98
78) Pyrene	19.751	202	4668993	44.952	ng	100
80) Butylbenzylphthalate	20.645	149	2194523	49.573	ng	96
81) Benzo(a)anthracene	21.492	228	4529016	45.477	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1311226	42.840	ng	100
83) Chrysene	21.551	228	4218823	43.556	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	3250734	50.757	ng	99
85) Di-n-octyl phthalate	22.345	149	5718763	53.495	ng	98
87) Indeno(1,2,3-cd)pyrene	26.456	276	4882531	42.336	ng	100
88) Benzo(b)fluoranthene	23.192	252	4512151	46.600	ng	99
89) Benzo(k)fluoranthene	23.245	252	4541129	45.065	ng	99
90) Benzo(a)pyrene	23.827	252	4014148	43.075	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	4088859	41.865	ng	99
92) Benzo(g,h,i)perylene	27.232	276	3894701	40.759	ng	100

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

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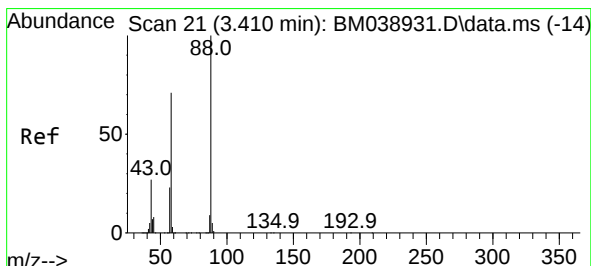
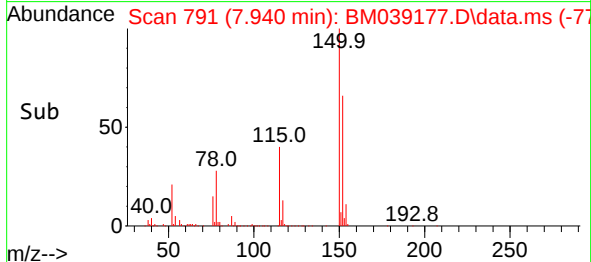
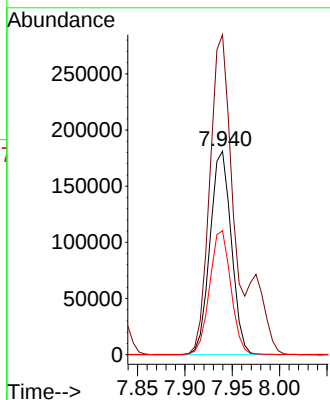
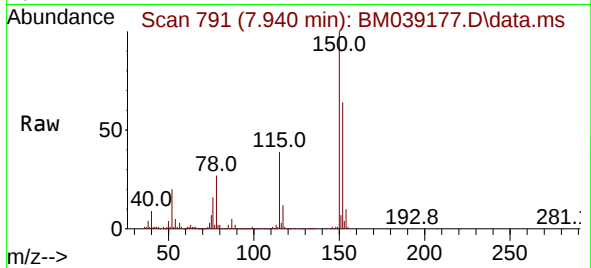




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.940 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BM039177.D
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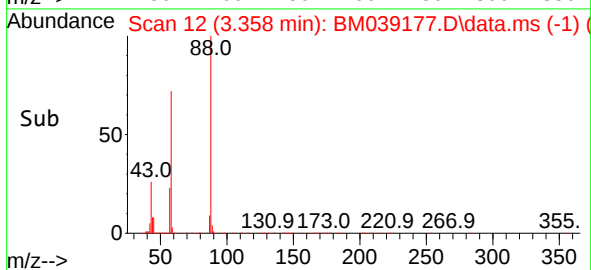
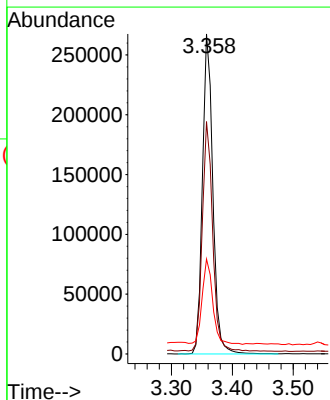
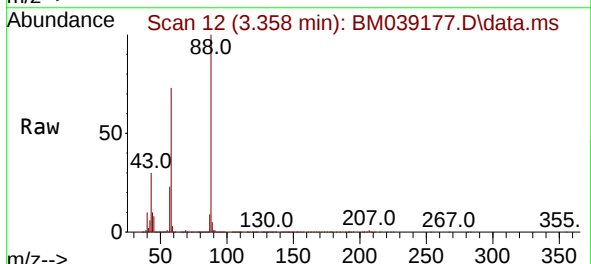
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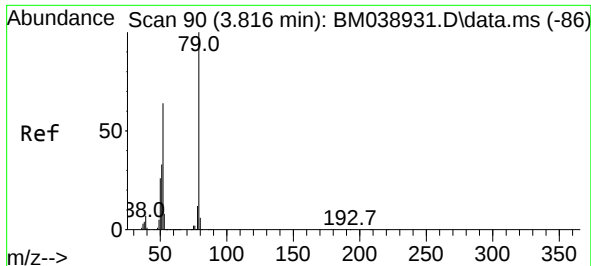
Tgt Ion:152 Resp: 283494
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.1 187.7
 115 60.9 49.6 74.4



#2
 1,4-Dioxane
 Concen: 38.347 ng
 RT: 3.358 min Scan# 12
 Delta R.T. -0.012 min
 Lab File: BM039177.D
 Acq: 28 Mar 2023 13:35

Tgt Ion: 88 Resp: 318325
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.2 85.8
 43 27.1 22.0 33.0



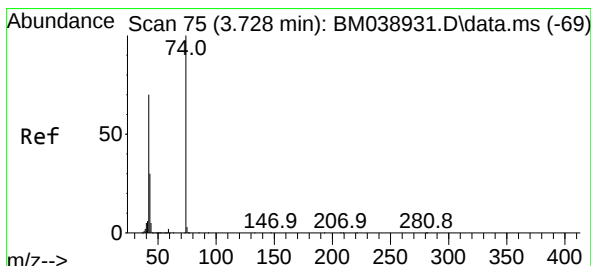
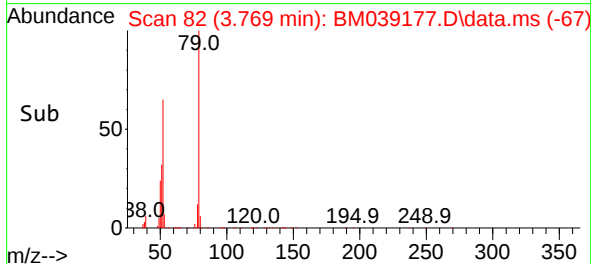
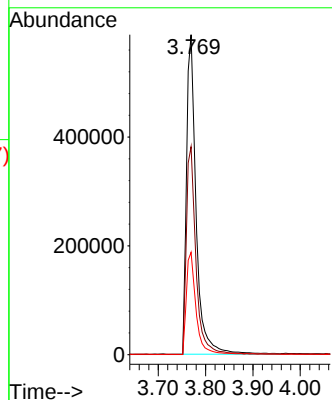
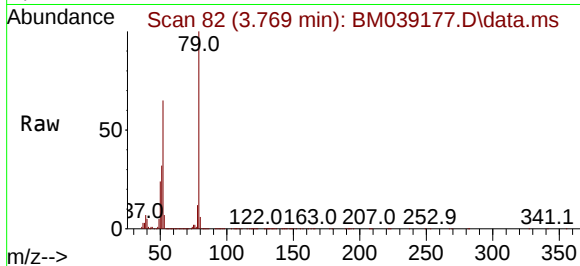


#3
 Pyridine
 Concen: 35.994 ng
 RT: 3.769 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM039177.D
 Acq: 28 Mar 2023 13:35

Instrument :
 BNA_M
 ClientSampleId :
 PB151512BS

Tgt Ion: 79 Resp: 828679

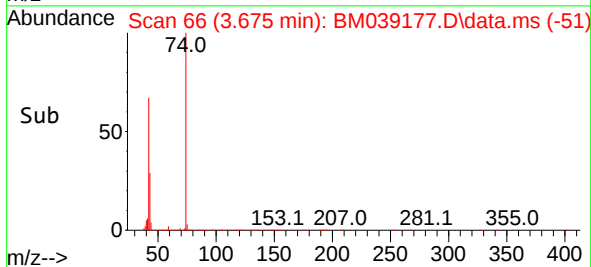
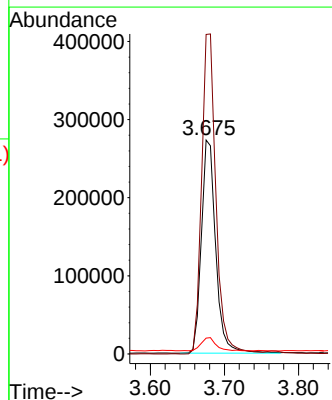
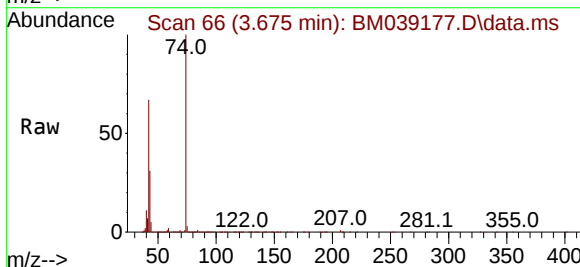
Ion	Ratio	Lower	Upper
79	100		
52	65.0	51.4	77.2
51	32.0	26.6	40.0

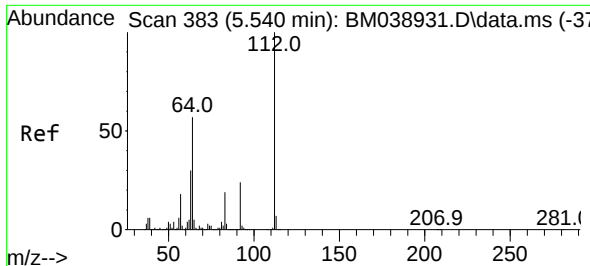


#4
 n-Nitrosodimethylamine
 Concen: 39.206 ng
 RT: 3.675 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BM039177.D
 Acq: 28 Mar 2023 13:35

Tgt Ion: 42 Resp: 367303

Ion	Ratio	Lower	Upper
42	100		
74	149.3	113.8	170.8
44	7.4	6.2	9.2

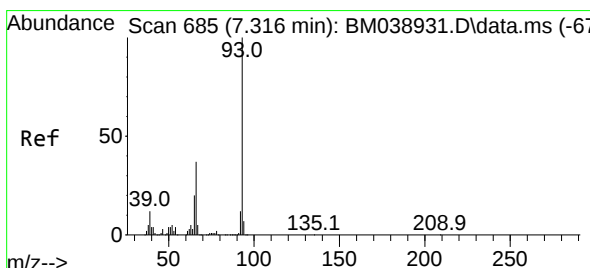
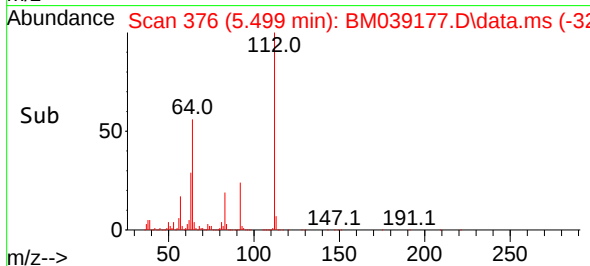
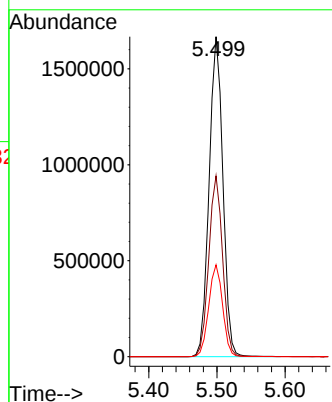
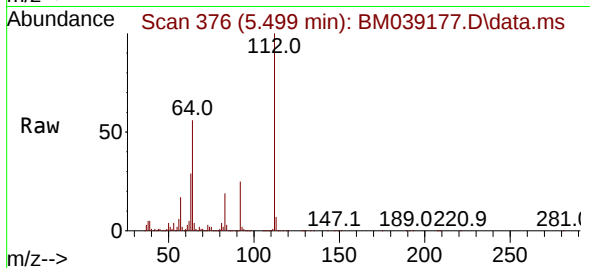




#5
2-Fluorophenol
Concen: 125.823 ng
RT: 5.499 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

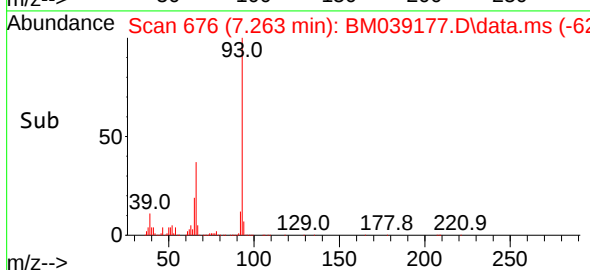
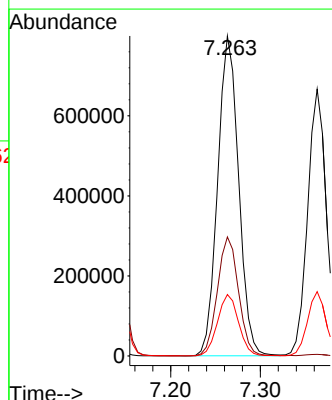
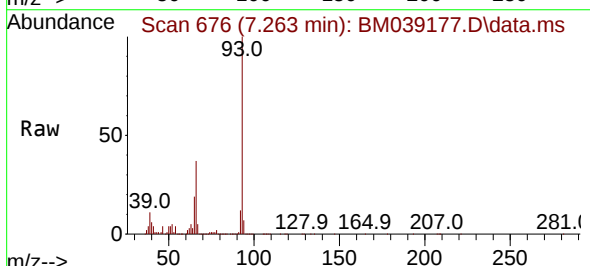
Instrument :
BNA_M
ClientSampleId :
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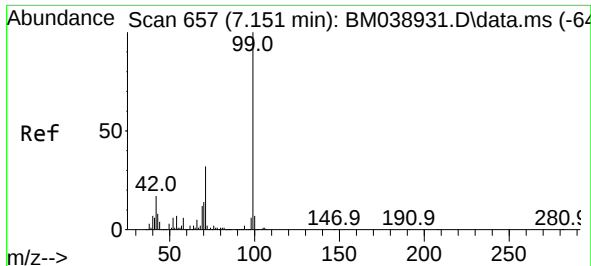
Tgt Ion:112 Resp: 2347803
Ion Ratio Lower Upper
112 100
64 56.5 45.9 68.9
63 28.7 23.8 35.8



#6
Aniline
Concen: 40.758 ng
RT: 7.263 min Scan# 676
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 93 Resp: 1297041
Ion Ratio Lower Upper
93 100
66 37.2 30.0 45.0
65 19.2 15.8 23.6



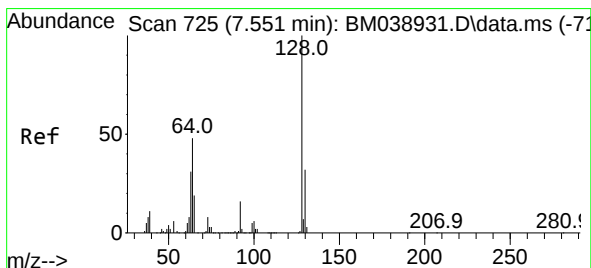
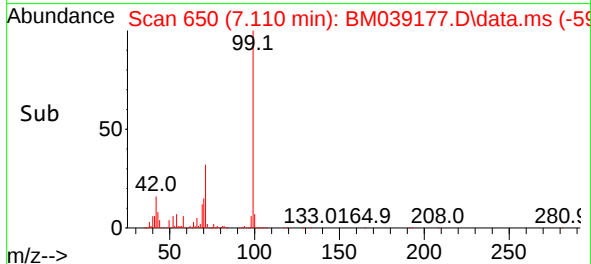
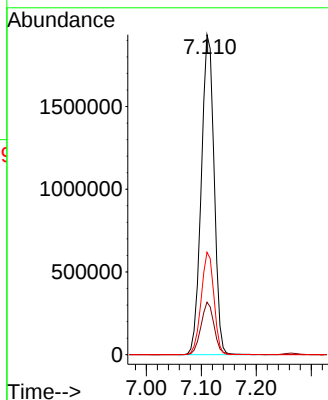
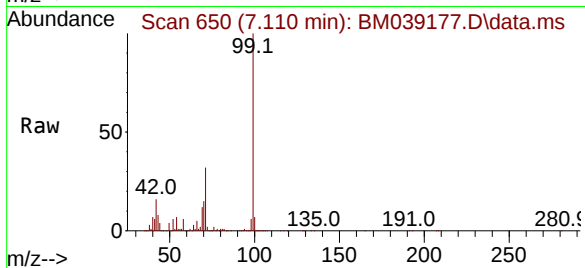


#7
Phenol-d6
Concen: 129.478 ng
RT: 7.110 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Instrument :
BNA_M
ClientSampleId :
PB151512BS

Tgt Ion: 99 Resp: 3138173

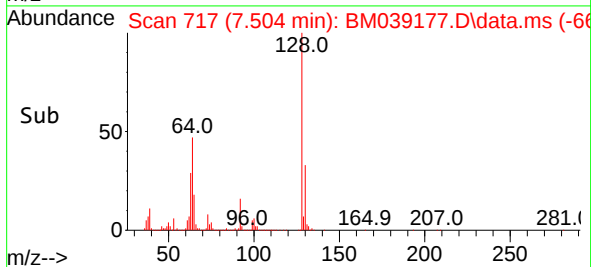
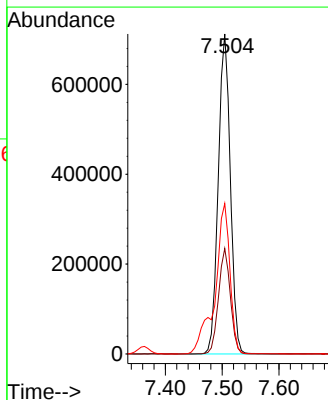
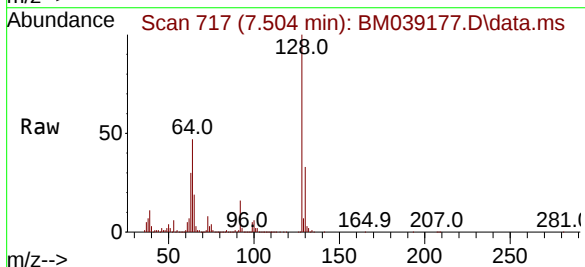
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.0	25.6	38.4

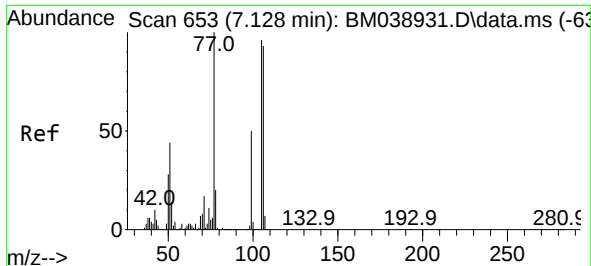


#8
2-Chlorophenol
Concen: 52.947 ng
RT: 7.504 min Scan# 717
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 128 Resp: 1051828

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.9	51.9
64	47.0	28.6	68.6

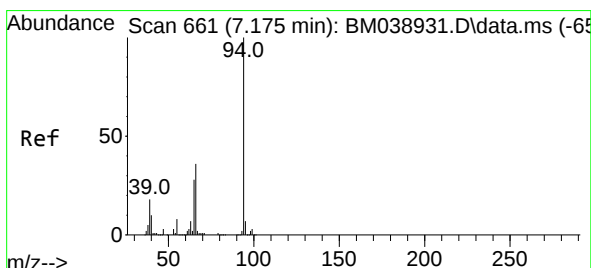
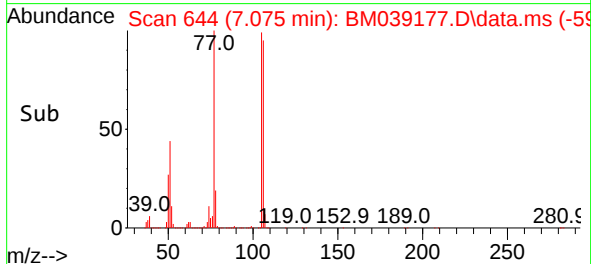
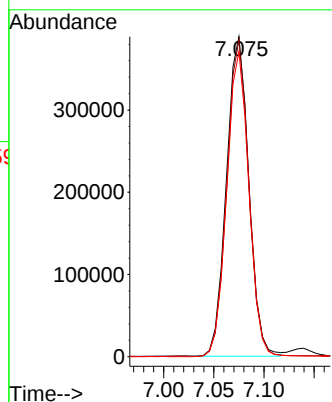
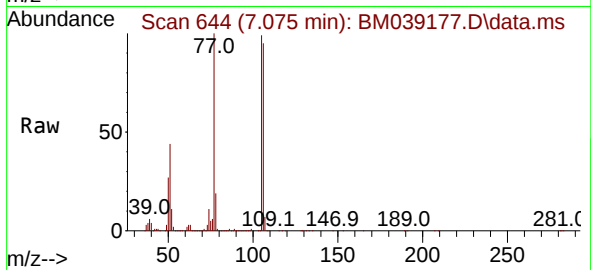




#9
Benzaldehyde
Concen: 52.174 ng
RT: 7.075 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

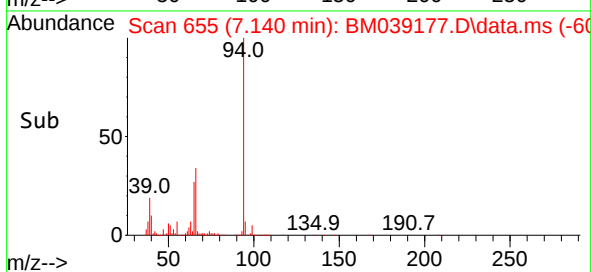
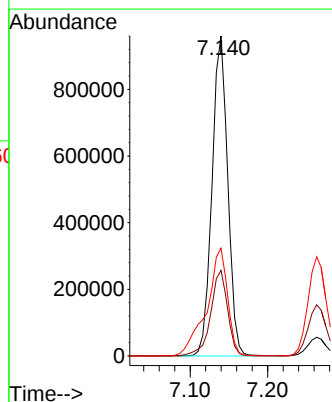
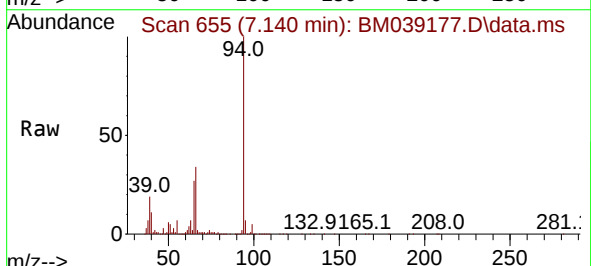
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ClientSampleId :
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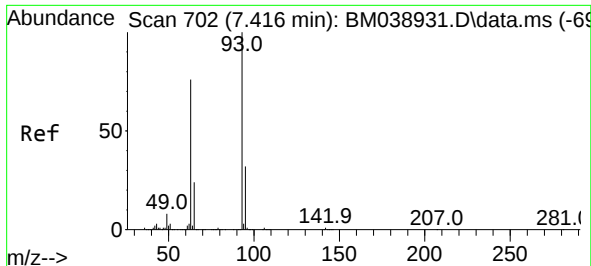
Tgt Ion: 77 Resp: 601748
Ion Ratio Lower Upper
77 100
105 99.0 75.8 115.8
106 95.3 72.6 112.6



#10
Phenol
Concen: 52.580 ng
RT: 7.140 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 94 Resp: 1353318
Ion Ratio Lower Upper
94 100
65 26.7 7.9 47.9
66 33.7 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 45.977 ng
RT: 7.363 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

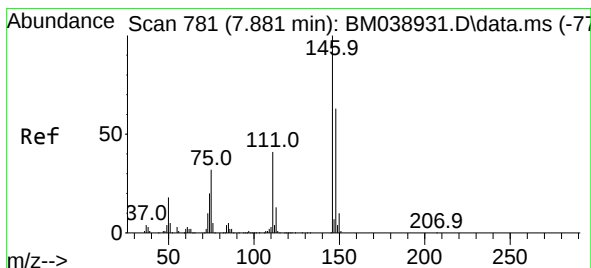
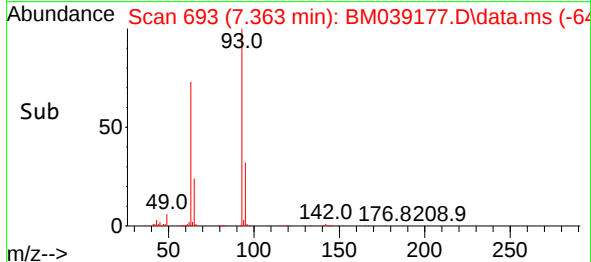
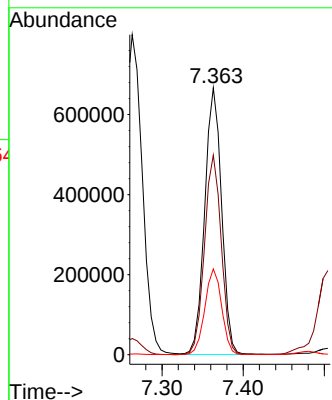
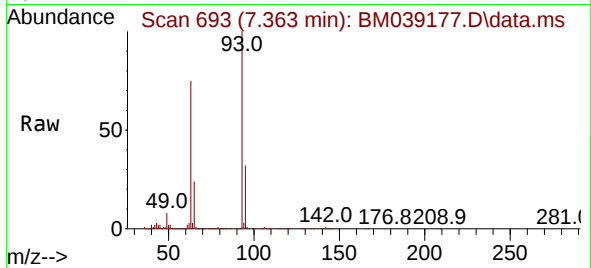
Instrument :

BNA_M

ClientSampleId :

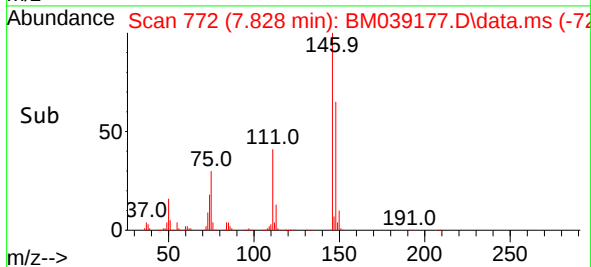
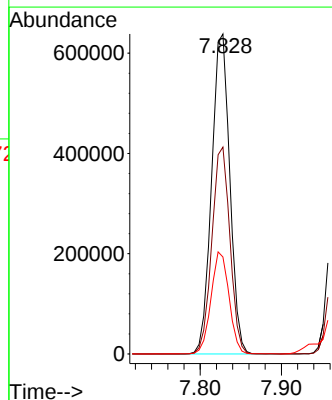
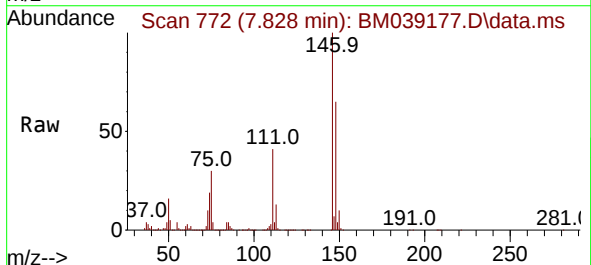
PB151512BS

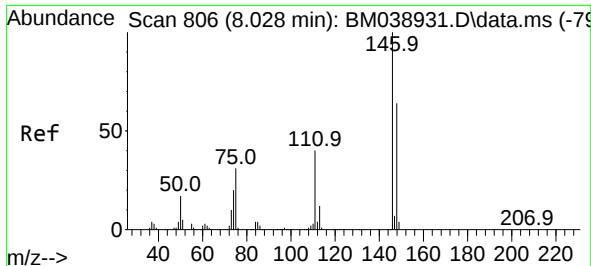
Tgt Ion: 93 Resp: 962116
Ion Ratio Lower Upper
93 100
63 74.7 55.8 95.8
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.960 ng
RT: 7.828 min Scan# 772
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 146 Resp: 991387
Ion Ratio Lower Upper
146 100
148 64.7 50.6 75.8
75 30.3 26.0 39.0

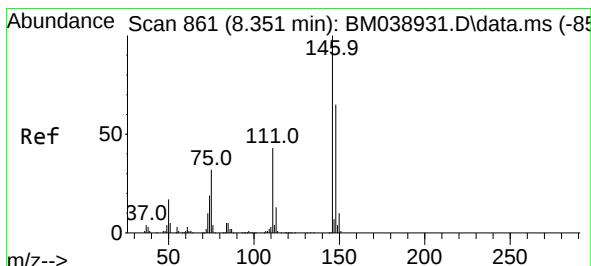
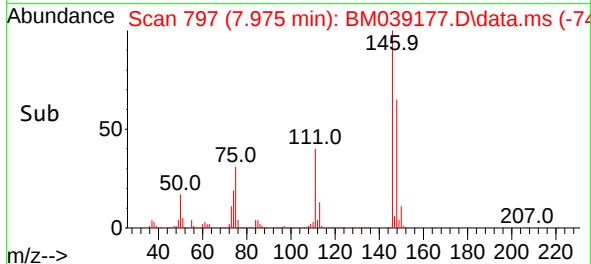
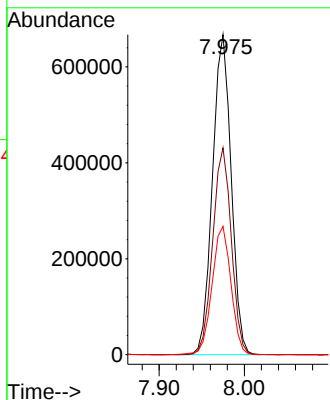
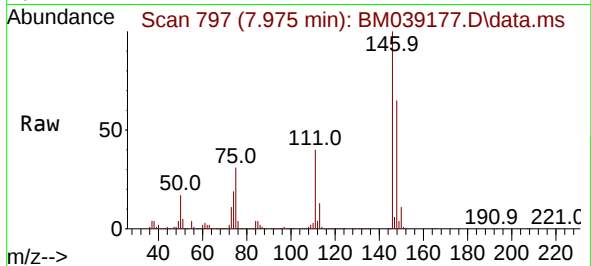




#13
1,4-Dichlorobenzene
Concen: 47.308 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

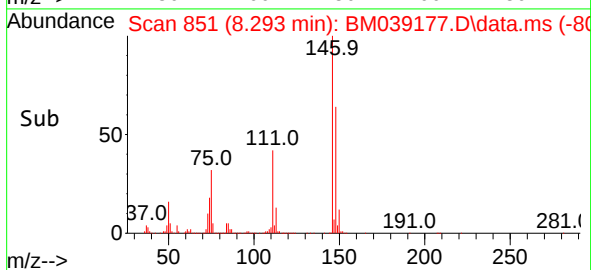
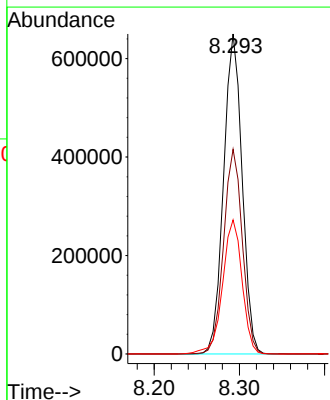
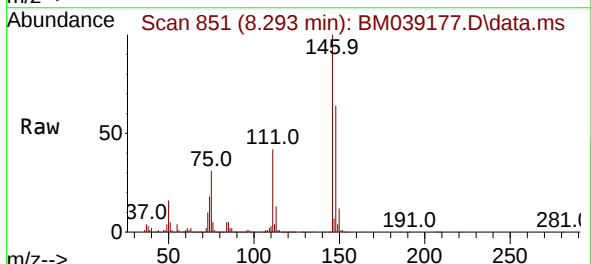
Instrument :
BNA_M
ClientSampleId :
PB151512BS

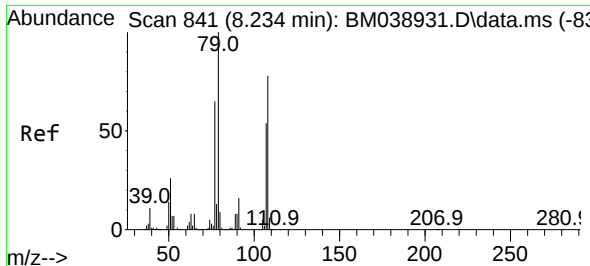
Tgt Ion:146 Resp: 1015748
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
111 40.1 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 47.529 ng
RT: 8.293 min Scan# 851
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:146 Resp: 983005
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 41.9 34.2 51.4

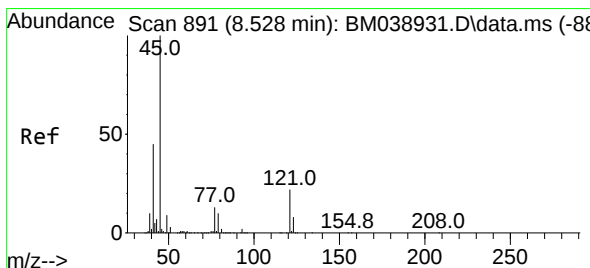
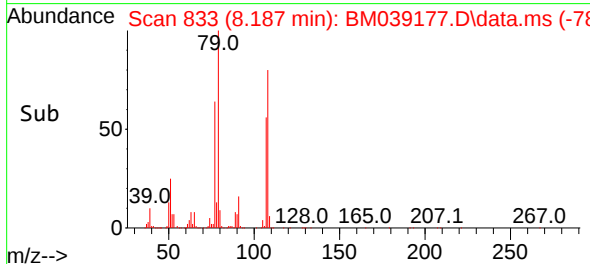
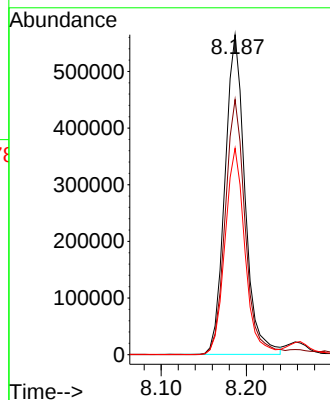
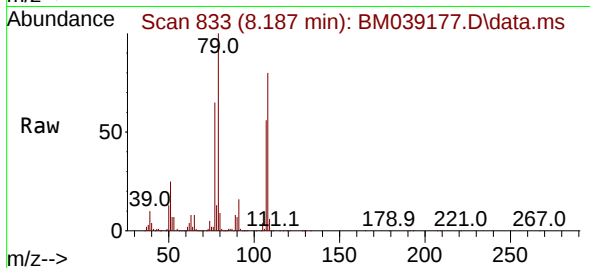




#15
Benzyl Alcohol
Concen: 53.037 ng
RT: 8.187 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

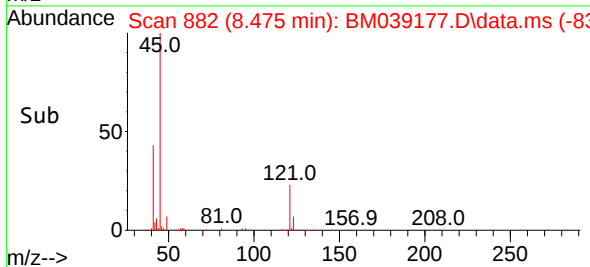
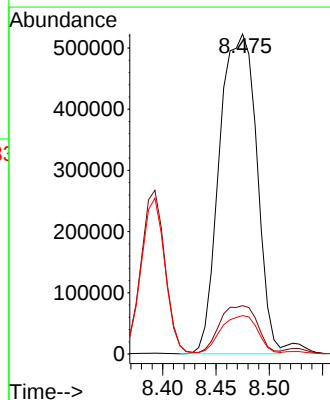
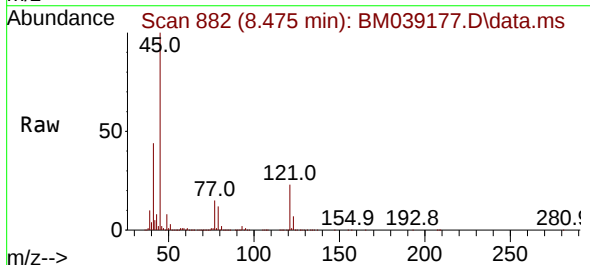
Instrument :
BNA_M
ClientSampleId :
PB151512BS

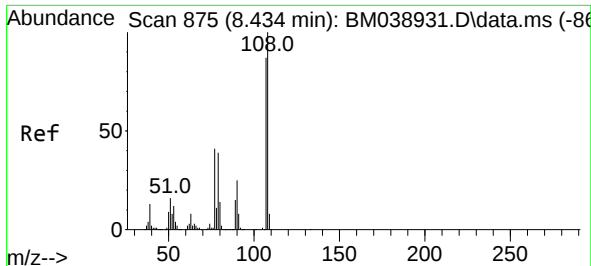
Tgt Ion: 79 Resp: 921365
Ion Ratio Lower Upper
79 100
108 79.7 62.4 93.6
77 64.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.093 ng
RT: 8.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 45 Resp: 1271014
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 12.0 0.0 31.5

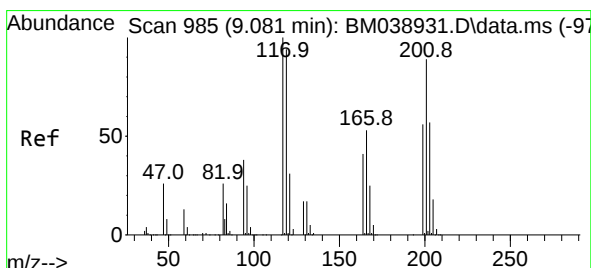
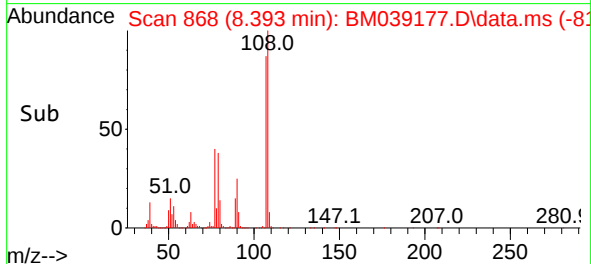
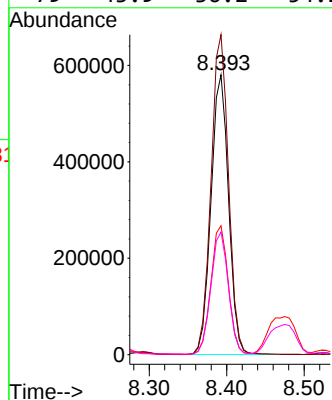
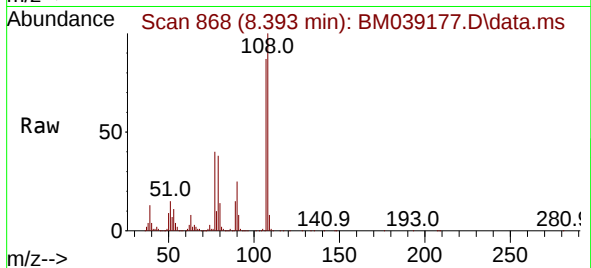




#17
2-Methylphenol
Concen: 51.531 ng
RT: 8.393 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

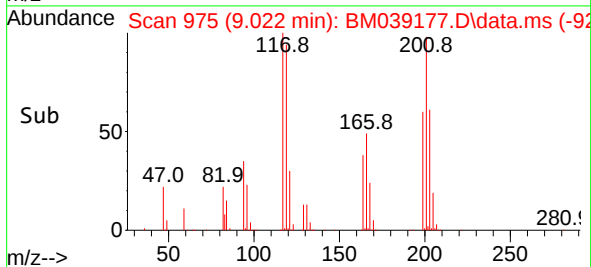
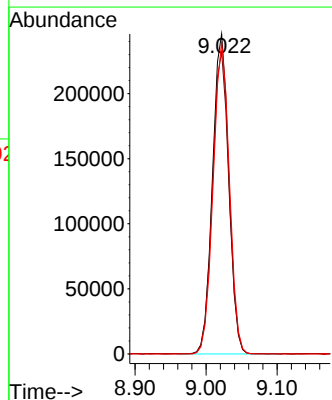
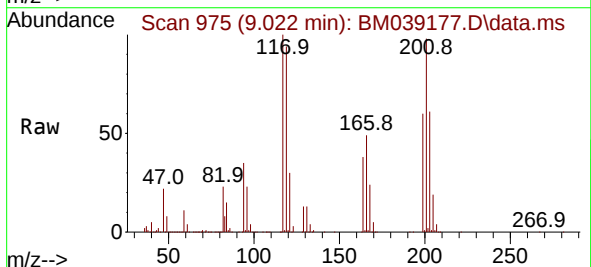
Instrument :
BNA_M
ClientSampleId :
PB151512BS

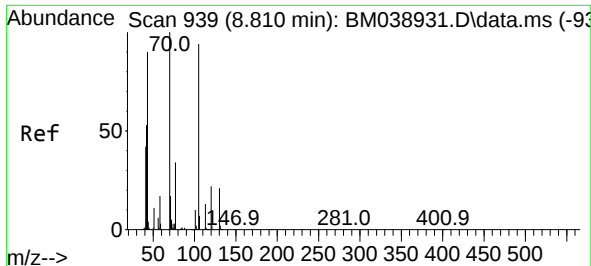
Tgt Ion:107 Resp: 911109
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 46.1 37.4 56.2
79 43.9 36.2 54.2



#18
Hexachloroethane
Concen: 49.379 ng
RT: 9.022 min Scan# 975
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:117 Resp: 391177
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.0
201 97.6 71.3 106.9



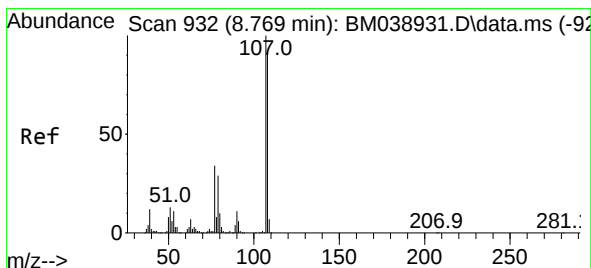
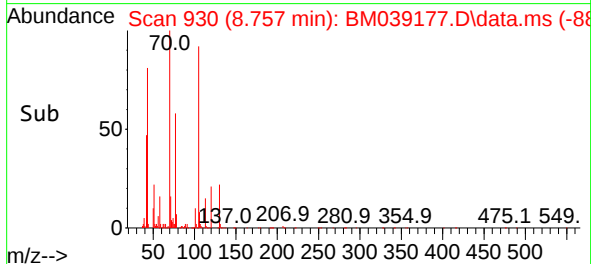
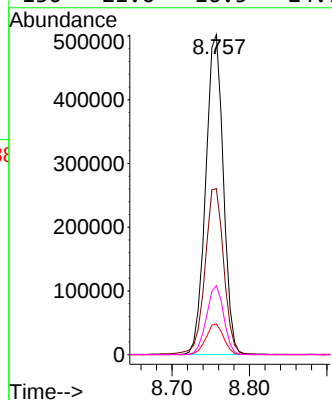
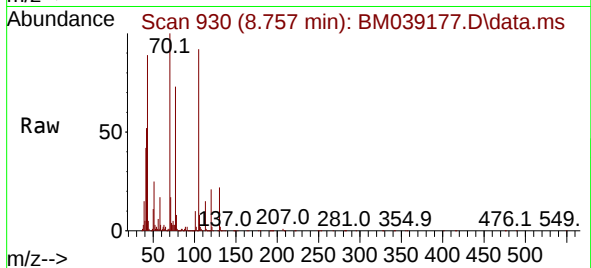


#19
n-Nitroso-di-n-propylamine
Concen: 51.950 ng
RT: 8.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Instrument :
BNA_M
ClientSampleId :
PB151512BS

Tgt Ion: 70 Resp: 793068

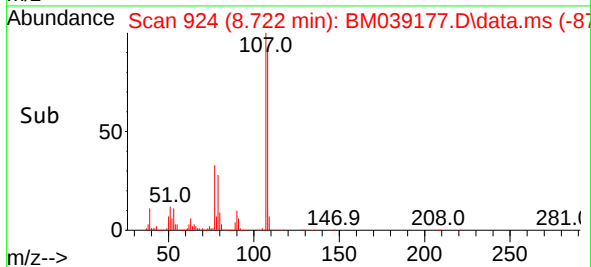
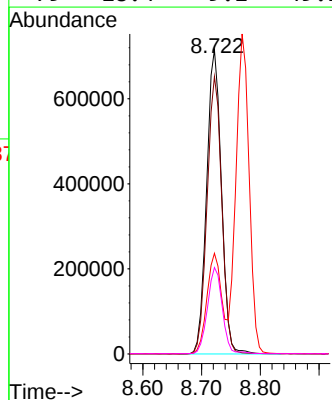
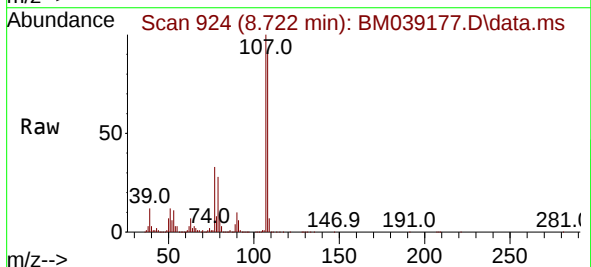
Ion	Ratio	Lower	Upper
70	100		
42	51.9	43.4	65.2
101	9.6	7.6	11.4
130	21.6	16.5	24.7

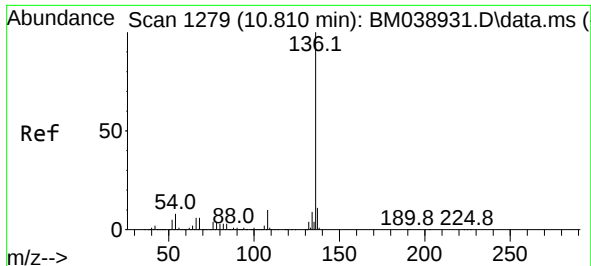


#20
3+4-Methylphenols
Concen: 52.968 ng
RT: 8.722 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 107 Resp: 1250476

Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.8	111.8
77	33.1	13.6	53.6
79	28.4	9.2	49.2

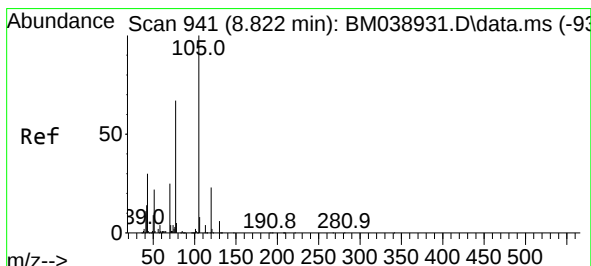
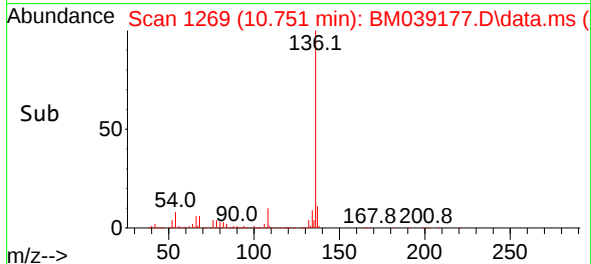
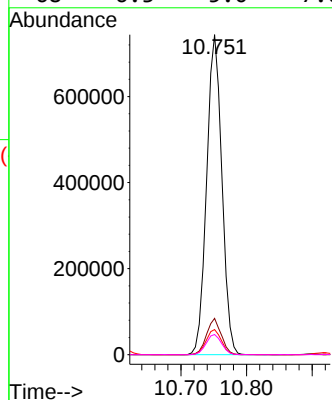
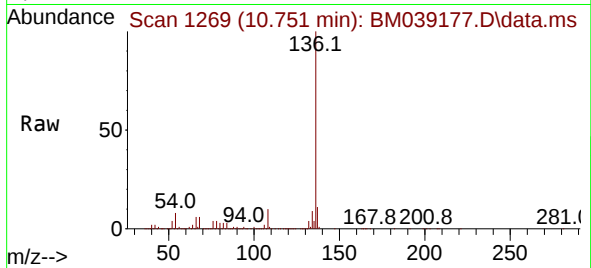




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

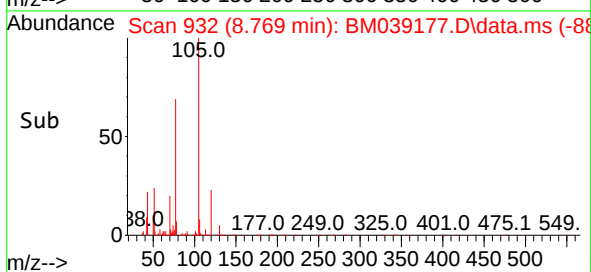
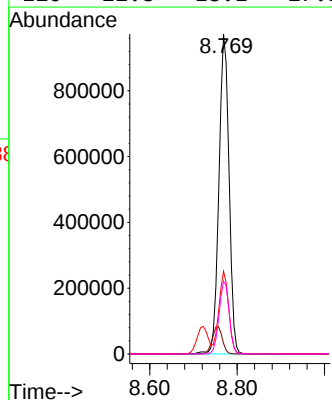
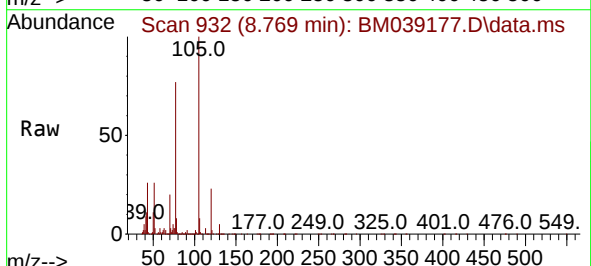
Instrument :
BNA_M
ClientSampleId :
PB151512BS

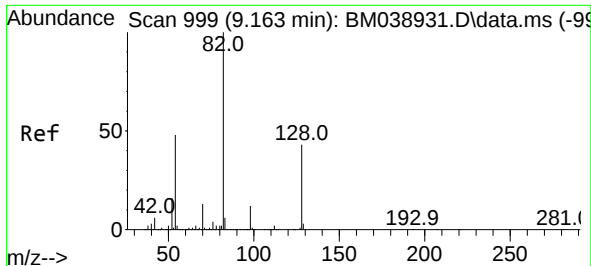
Tgt Ion:136 Resp: 1202174
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.8 6.3 9.5
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 45.948 ng
RT: 8.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:105 Resp: 1549757
Ion Ratio Lower Upper
105 100
71 3.3 3.4 5.0#
51 25.8 21.0 31.4
120 22.8 18.1 27.1

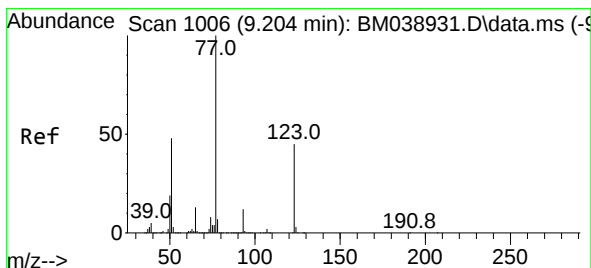
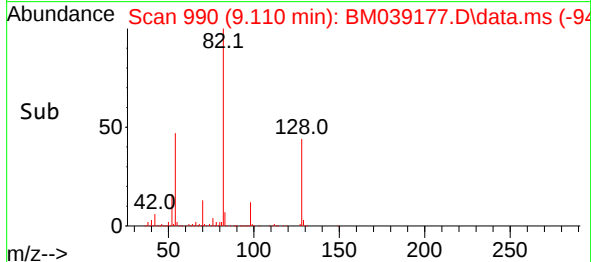
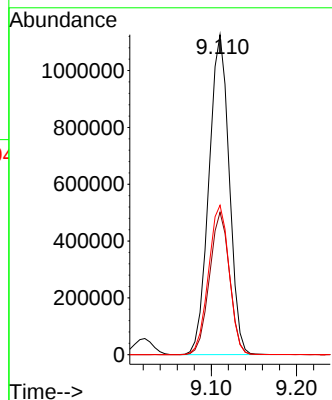
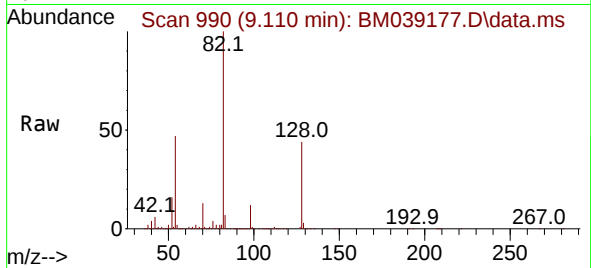




#23
Nitrobenzene-d5
Concen: 76.044 ng
RT: 9.110 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

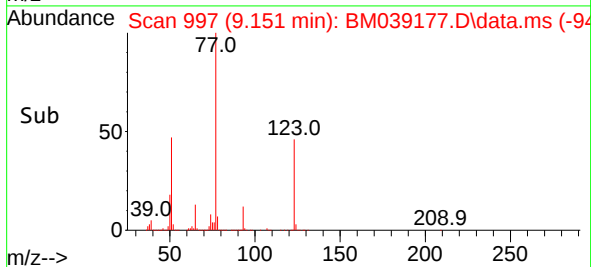
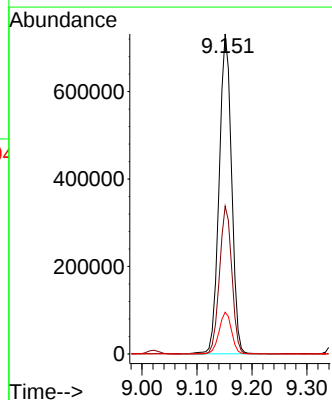
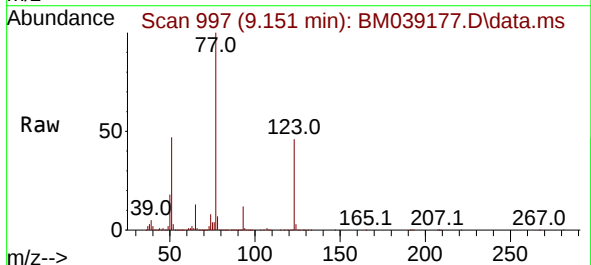
Instrument :
BNA_M
ClientSampleId :
PB151512BS

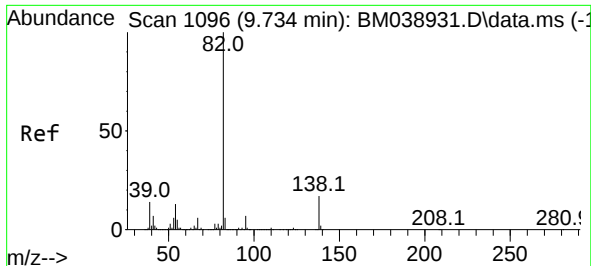
Tgt Ion: 82 Resp: 1861075
Ion Ratio Lower Upper
82 100
128 44.5 34.4 51.6
54 46.7 38.8 58.2



#24
Nitrobenzene
Concen: 44.571 ng
RT: 9.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 77 Resp: 1146519
Ion Ratio Lower Upper
77 100
123 46.2 35.8 53.6
65 13.1 10.2 15.4





#25

Isophorone

Concen: 48.619 ng

RT: 9.681 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

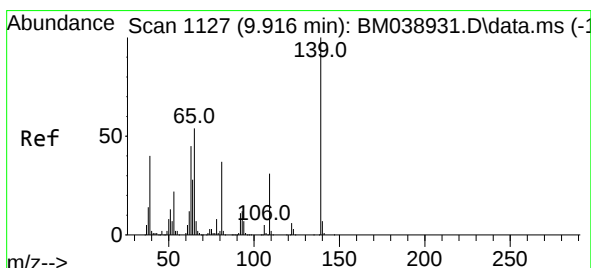
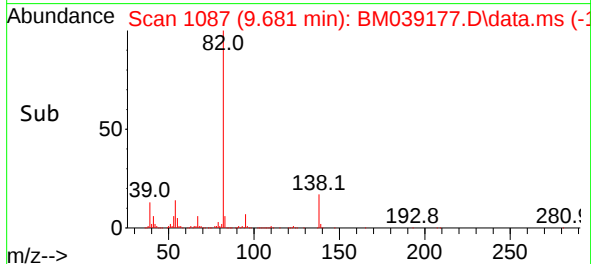
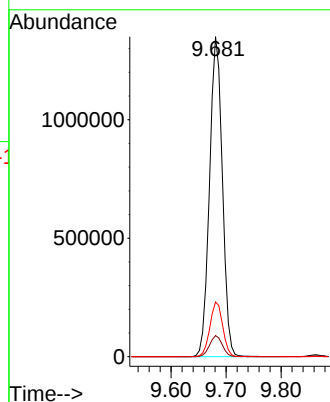
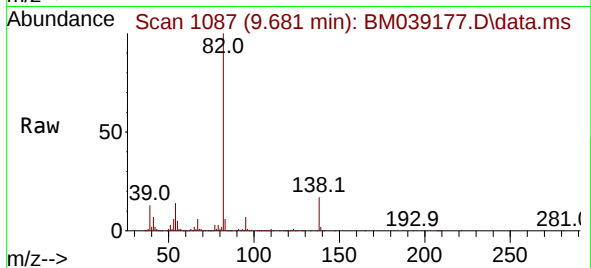
BNA_M

ClientSampleId :

PB151512BS

Tgt Ion: 82 Resp: 2189660

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	17.1	13.6	20.4



#26

2-Nitrophenol

Concen: 50.045 ng

RT: 9.863 min Scan# 1118

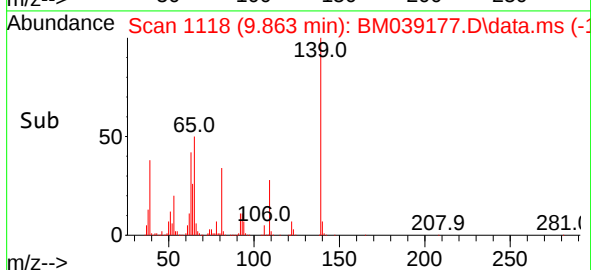
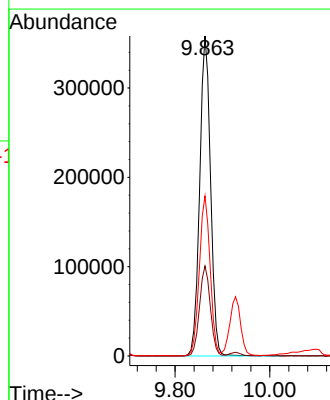
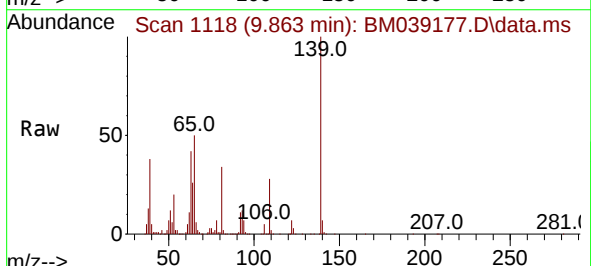
Delta R.T. -0.006 min

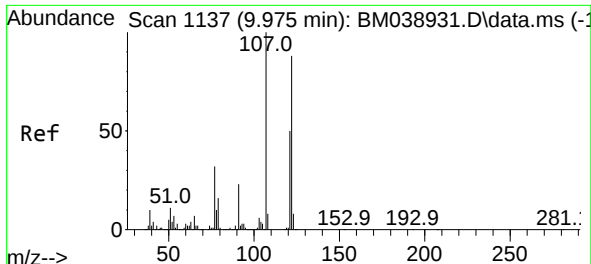
Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Tgt Ion:139 Resp: 569966

Ion	Ratio	Lower	Upper
139	100		
109	28.1	24.5	36.7
65	50.0	43.0	64.6

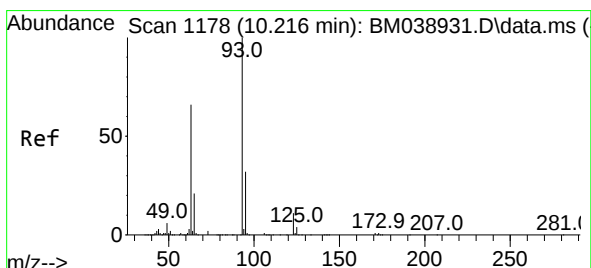
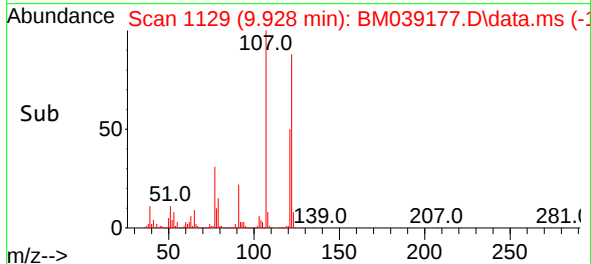
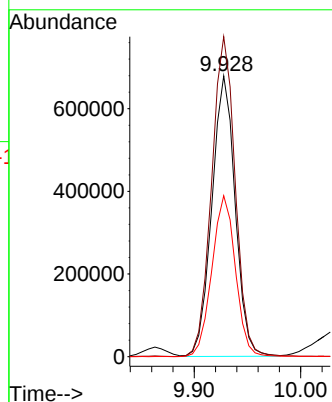
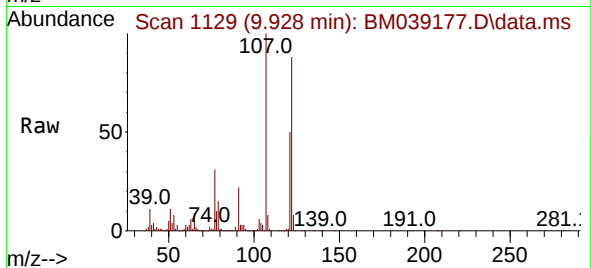




#27
2,4-Dimethylphenol
Concen: 52.498 ng
RT: 9.928 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

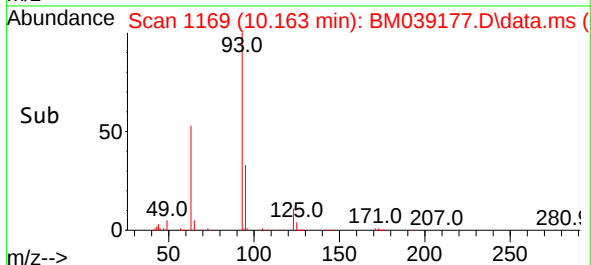
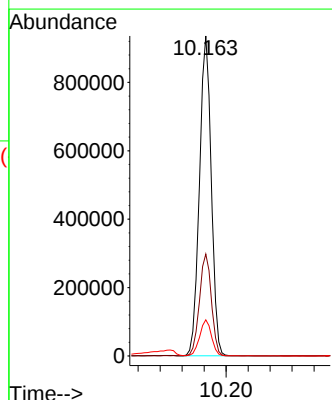
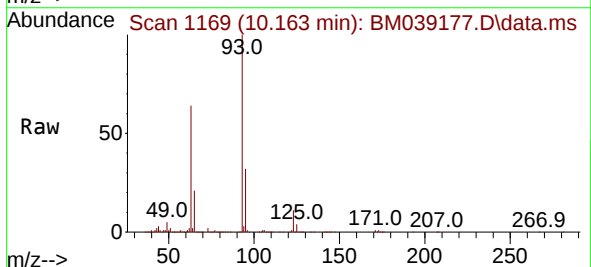
Instrument :
BNA_M
ClientSampleId :
PB151512BS

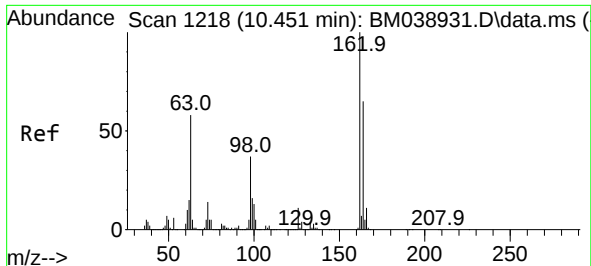
Tgt Ion:122 Resp: 1030195
Ion Ratio Lower Upper
122 100
107 114.0 91.0 136.4
121 57.3 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 48.212 ng
RT: 10.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 93 Resp: 1395152
Ion Ratio Lower Upper
93 100
95 31.9 25.9 38.9
123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 54.120 ng

RT: 10.404 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

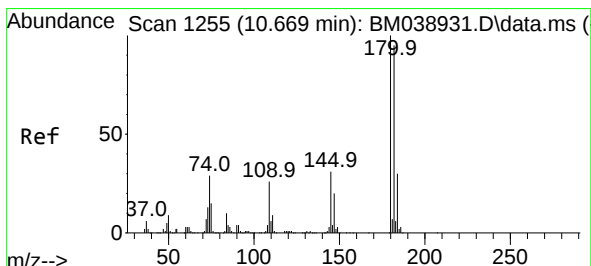
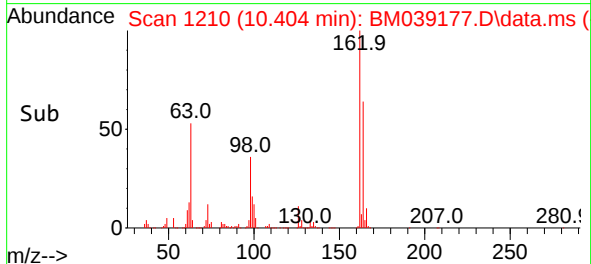
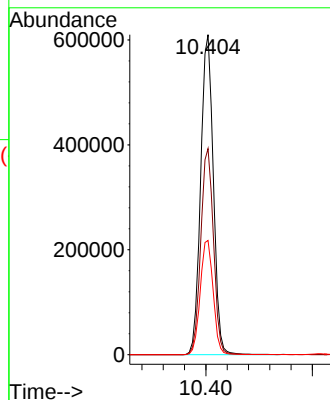
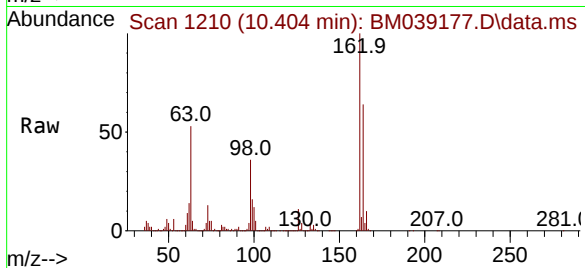
Tgt Ion:162 Resp: 1006895

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

98 35.7 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 45.903 ng

RT: 10.616 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

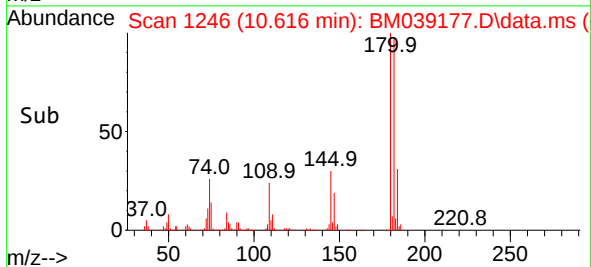
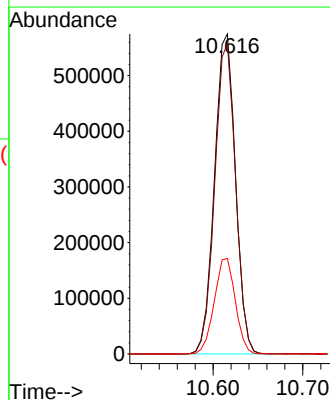
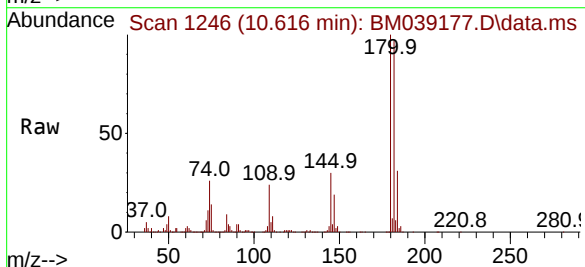
Tgt Ion:180 Resp: 933246

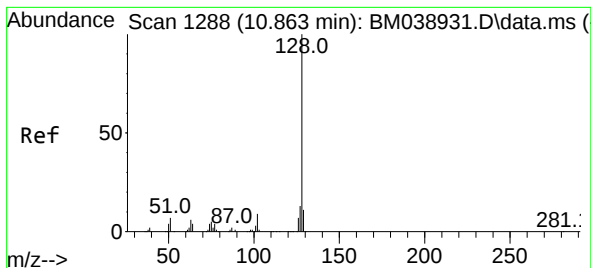
Ion Ratio Lower Upper

180 100

182 96.9 76.3 114.5

145 29.8 25.0 37.4

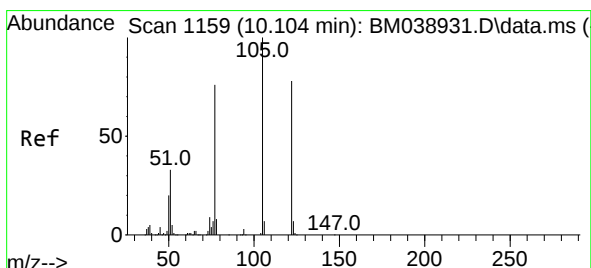
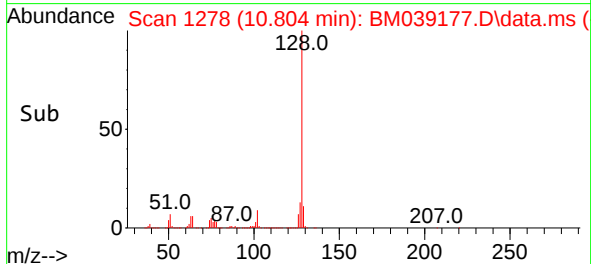
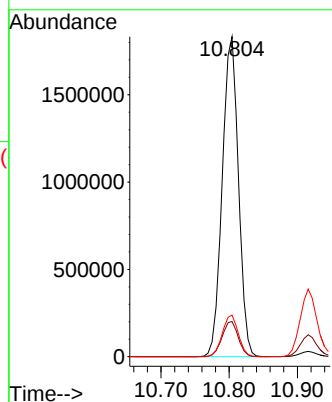
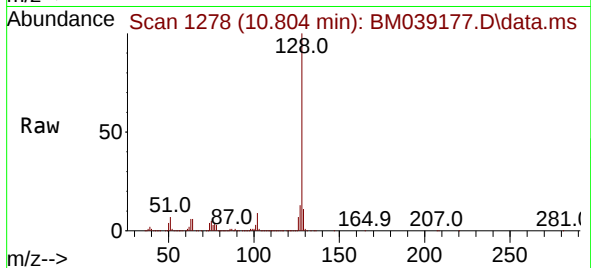




#31
Naphthalene
Concen: 44.155 ng
RT: 10.804 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

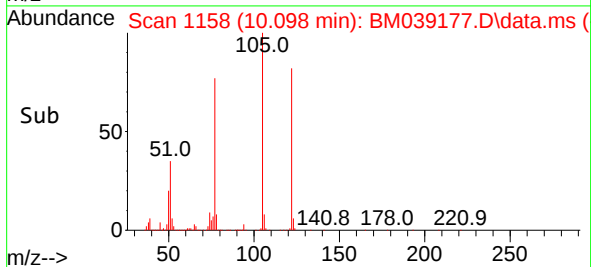
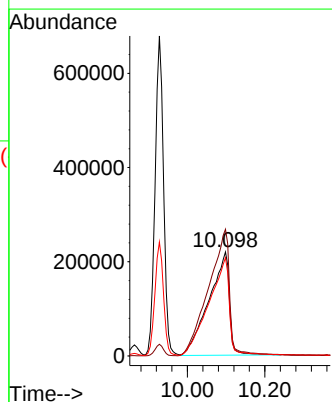
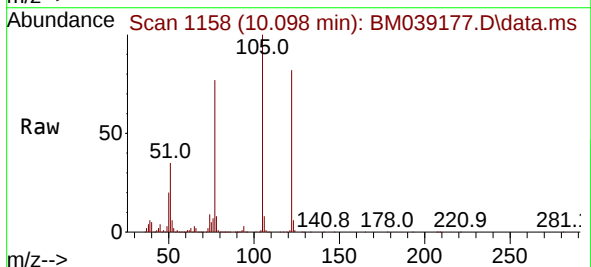
Instrument :
BNA_M
ClientSampleId :
PB151512BS

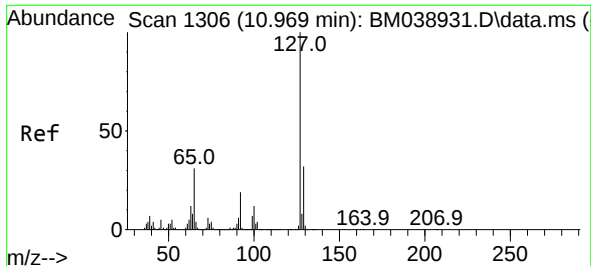
Tgt Ion:128 Resp: 3026846
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 55.015 ng
RT: 10.098 min Scan# 1158
Delta R.T. 0.024 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:122 Resp: 805808
Ion Ratio Lower Upper
122 100
105 122.0 104.2 144.2
77 94.5 75.1 115.1

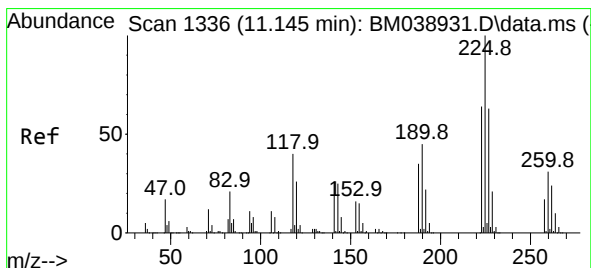
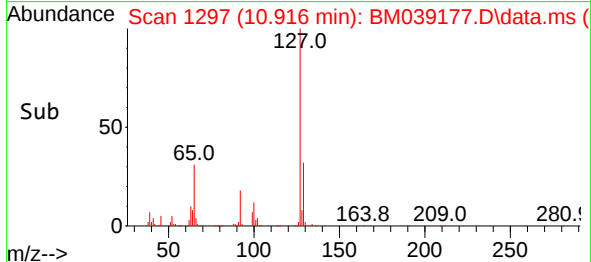
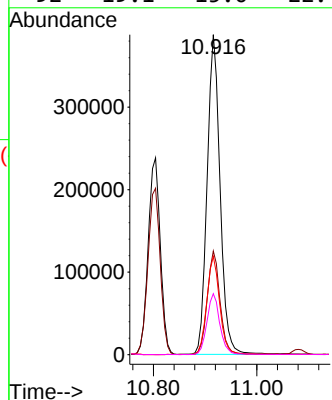
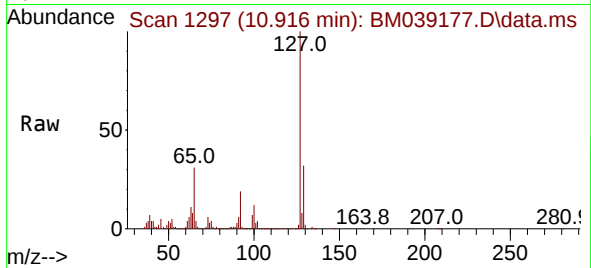




#33
4-Chloroaniline
Concen: 23.104 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

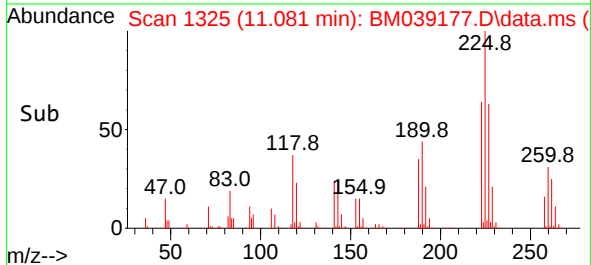
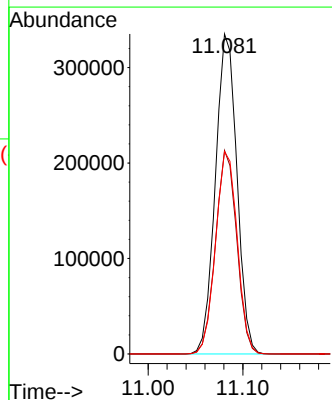
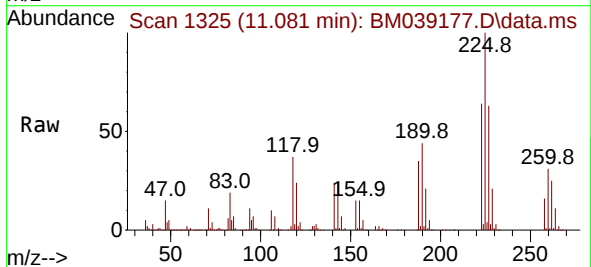
Instrument :
BNA_M
ClientSampleId :
PB151512BS

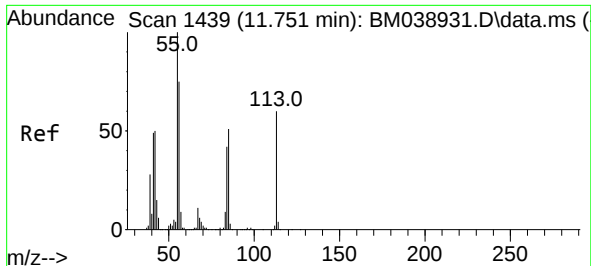
Tgt	Ion:127	Resp:	674961
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.2
65	30.7	24.4	36.6
92	19.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 45.465 ng
RT: 11.081 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt	Ion:225	Resp:	530071
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.3	76.9
227	63.2	50.6	76.0

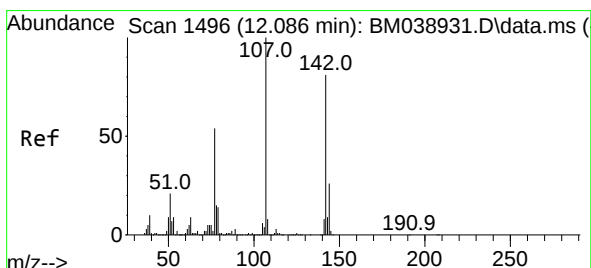
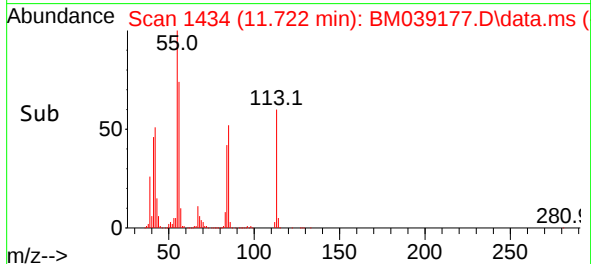
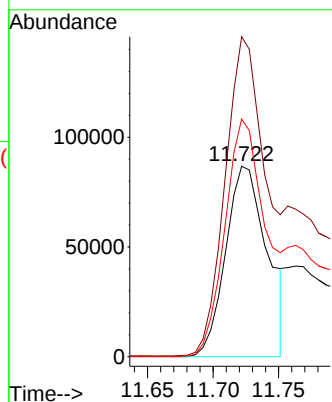
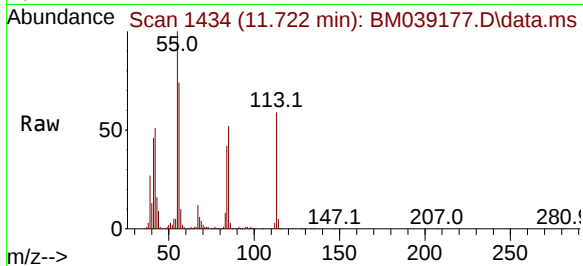




#35
Caprolactam
Concen: 33.607 ng
RT: 11.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

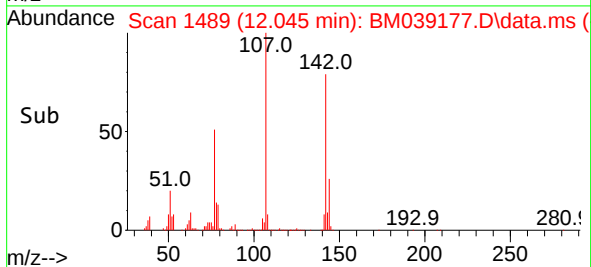
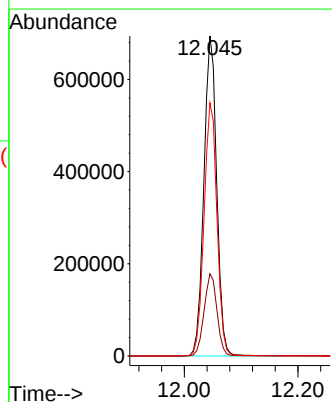
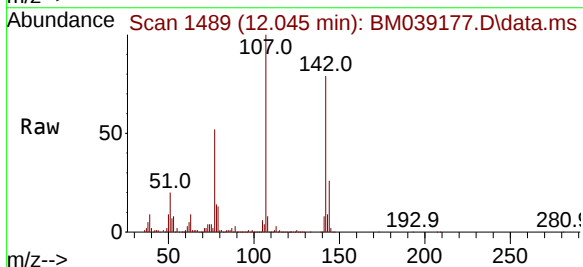
Instrument :
BNA_M
ClientSampleId :
PB151512BS

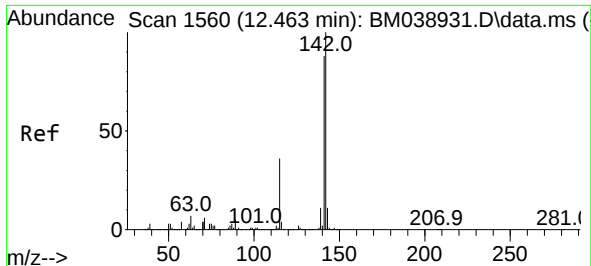
Tgt Ion:113 Resp: 190300
Ion Ratio Lower Upper
113 100
55 168.1 147.0 187.0
56 124.8 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 54.811 ng
RT: 12.045 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:107 Resp: 1085872
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 79.1 64.6 97.0

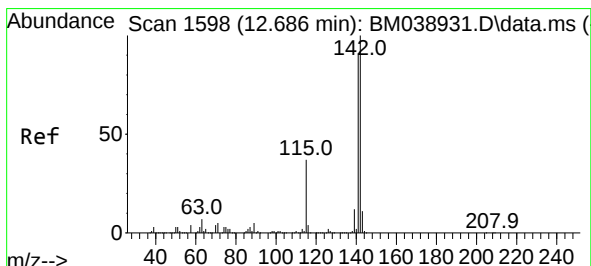
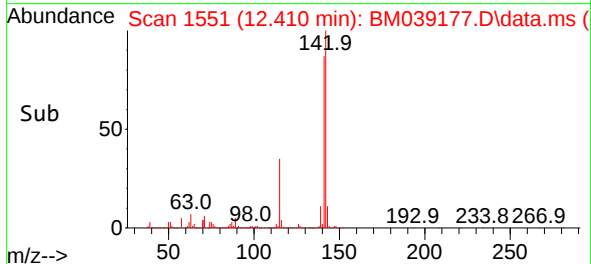
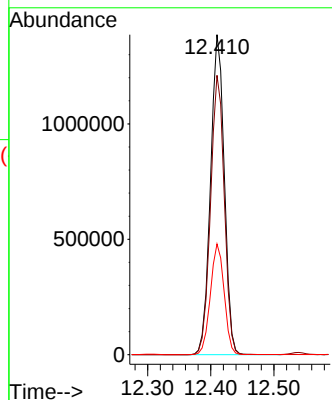
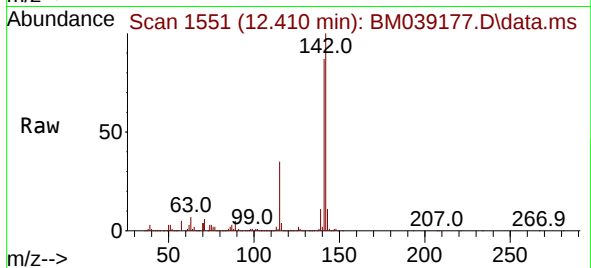




#37
2-Methylnaphthalene
Concen: 45.673 ng
RT: 12.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

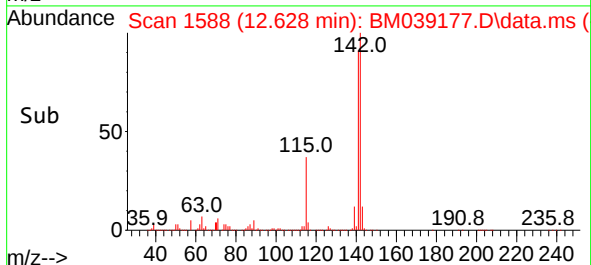
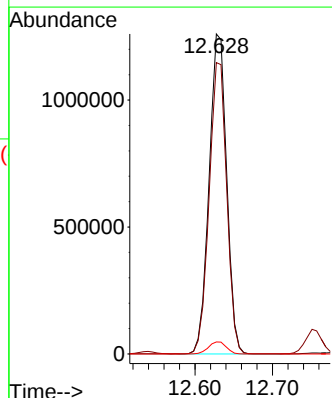
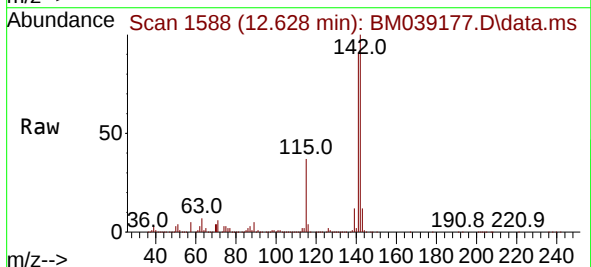
Instrument :
BNA_M
ClientSampleId :
PB151512BS

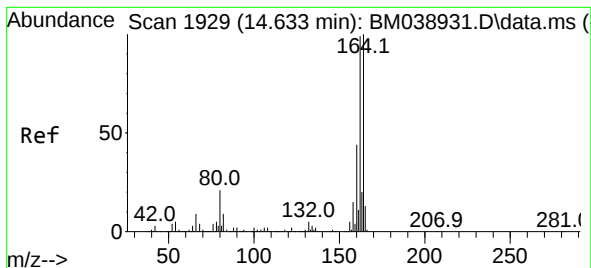
Tgt Ion:142 Resp: 2098495
Ion Ratio Lower Upper
142 100
141 87.3 70.6 106.0
115 34.6 28.5 42.7



#38
1-Methylnaphthalene
Concen: 45.975 ng
RT: 12.628 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:142 Resp: 1979555
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

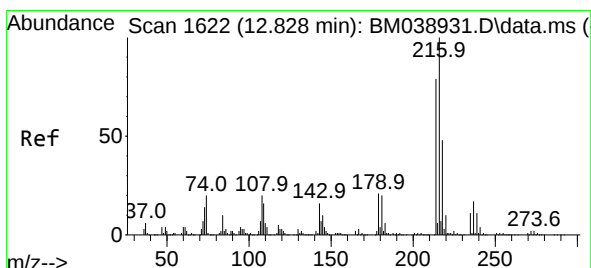
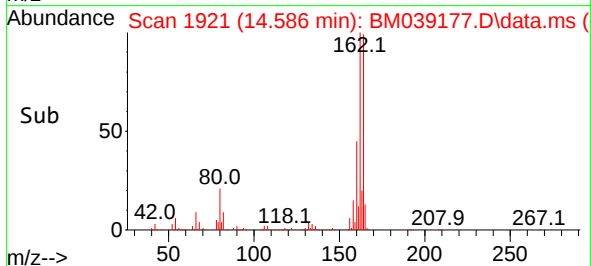
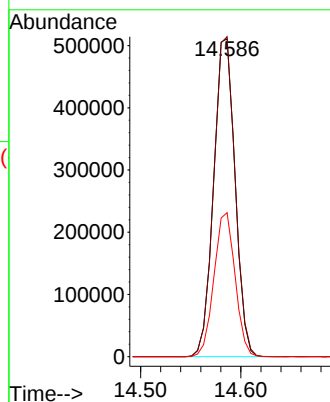
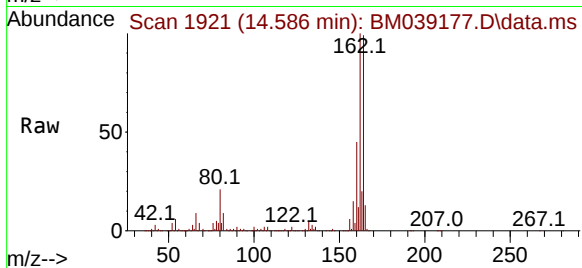
Tgt Ion:164 Resp: 756362

Ion Ratio Lower Upper

164 100

162 100.6 79.2 118.8

160 45.3 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.806 ng

RT: 12.780 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Tgt Ion:216 Resp: 1077155

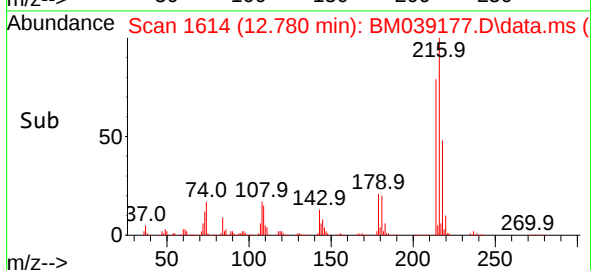
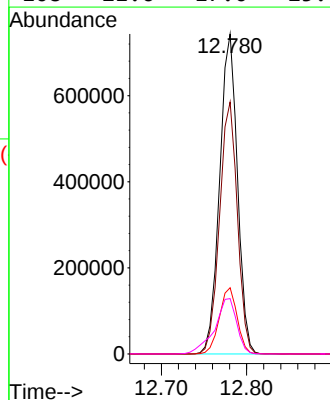
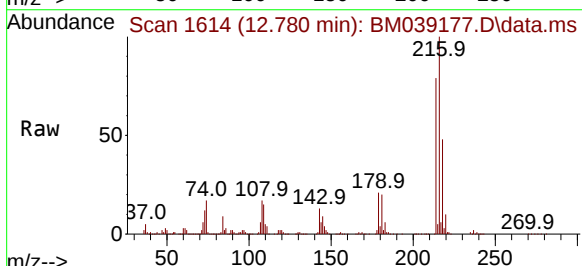
Ion Ratio Lower Upper

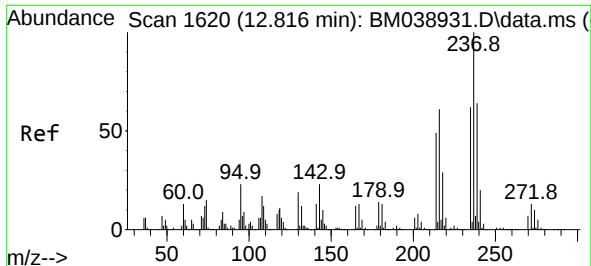
216 100

214 78.8 63.0 94.4

179 20.8 16.8 25.2

108 21.6 17.0 25.4

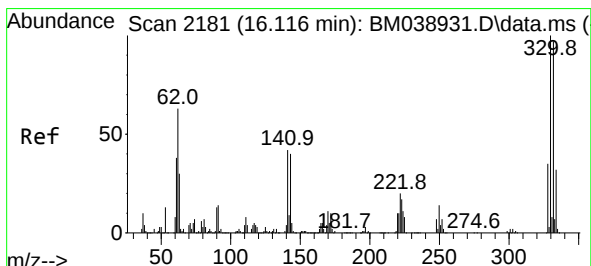
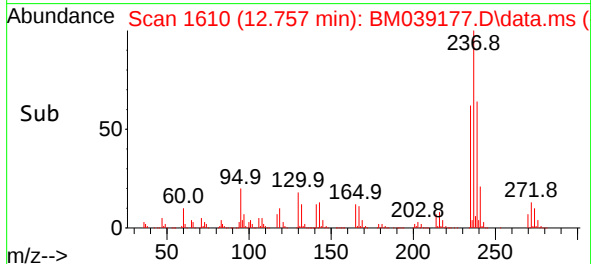
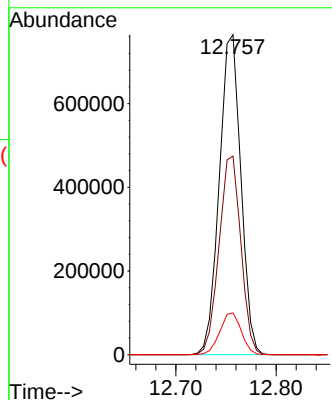
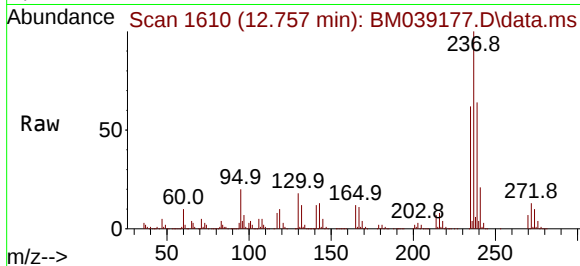




#41
Hexachlorocyclopentadiene
Concen: 84.639 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

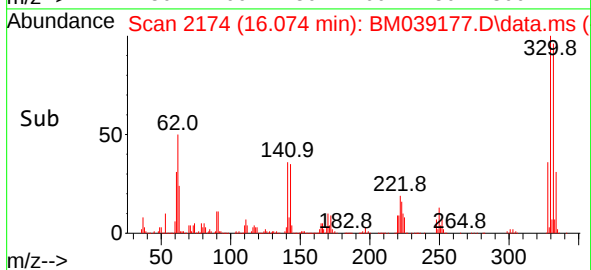
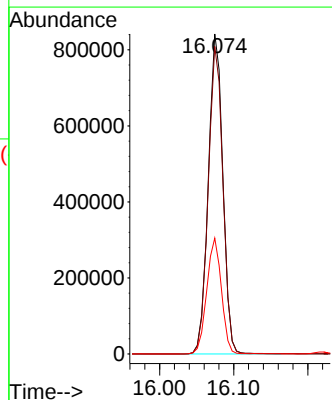
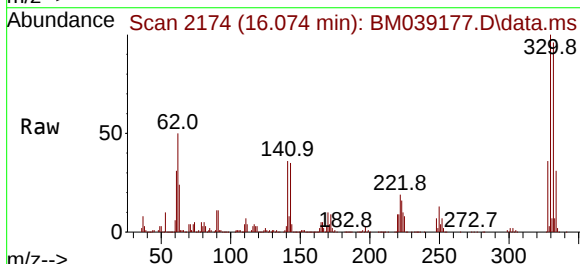
Instrument :
BNA_M
ClientSampleId :
PB151512BS

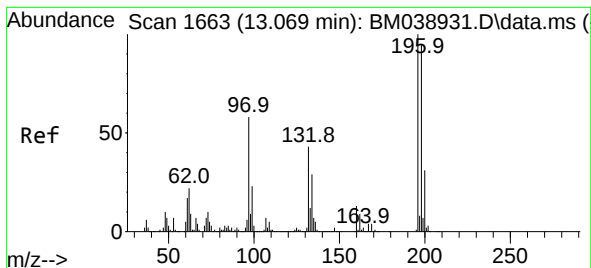
Tgt Ion:237 Resp: 1142381
Ion Ratio Lower Upper
237 100
235 62.1 41.7 81.7
272 13.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 131.207 ng
RT: 16.074 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:330 Resp: 1148053
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 36.5 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 50.049 ng

RT: 13.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

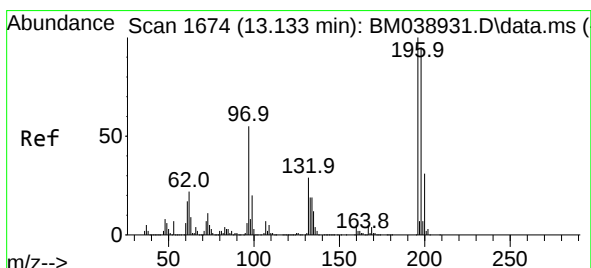
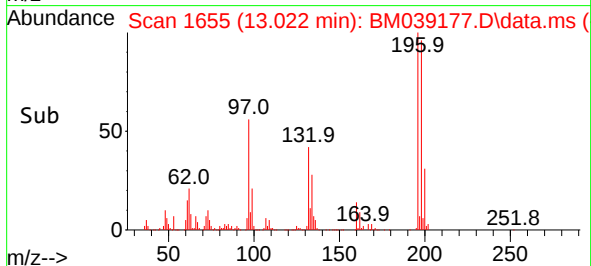
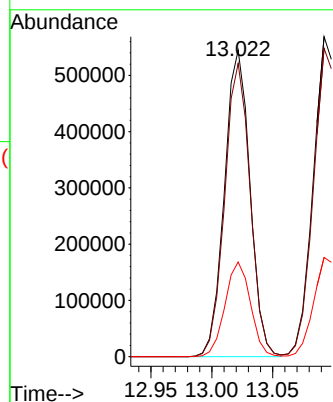
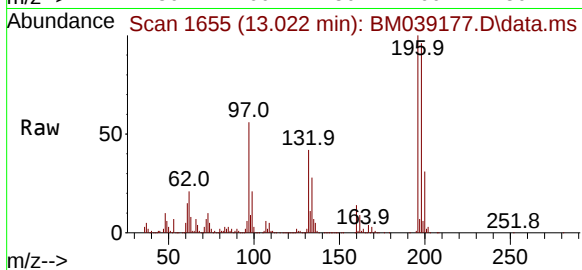
Tgt Ion:196 Resp: 796912

Ion Ratio Lower Upper

196 100

198 95.6 75.8 113.8

200 30.9 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 46.134 ng

RT: 13.092 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Tgt Ion:196 Resp: 859827

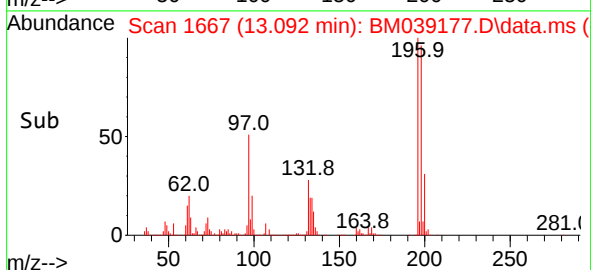
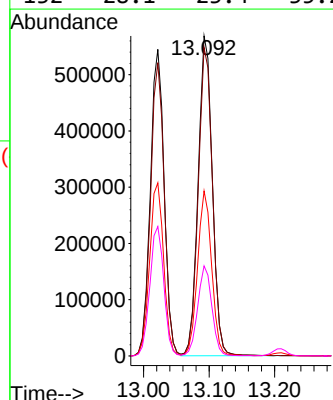
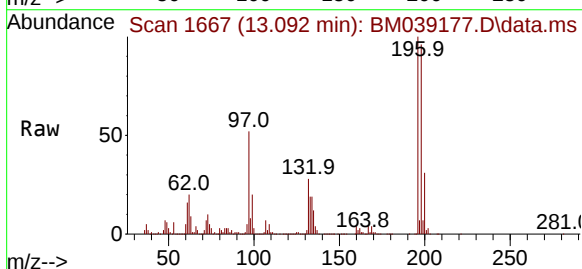
Ion Ratio Lower Upper

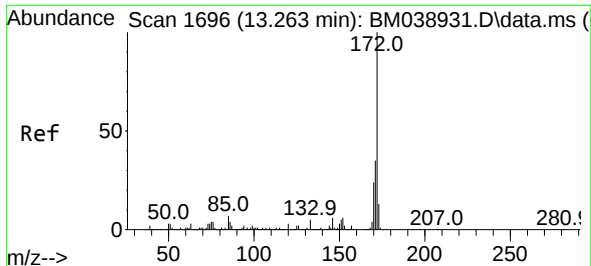
196 100

198 96.4 76.3 114.5

97 51.6 44.2 66.4

132 28.1 23.4 35.2

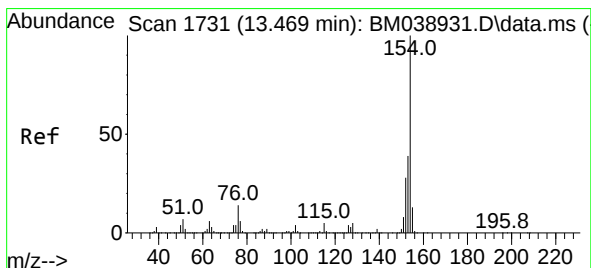
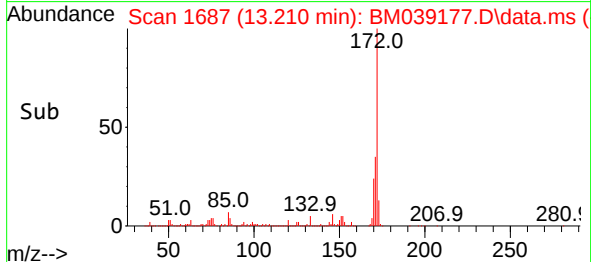
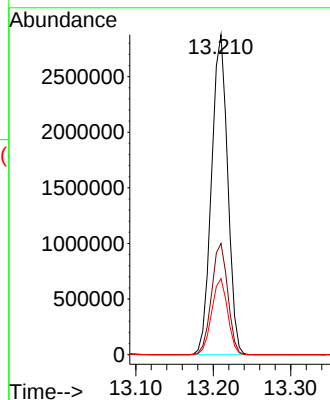
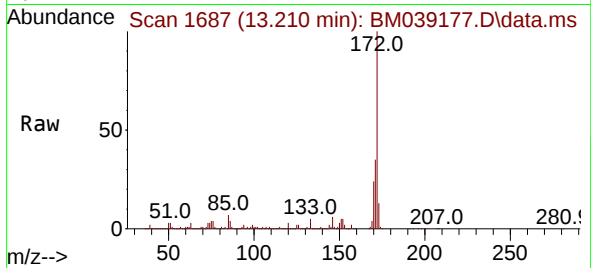




#45
2-Fluorobiphenyl
Concen: 71.570 ng
RT: 13.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

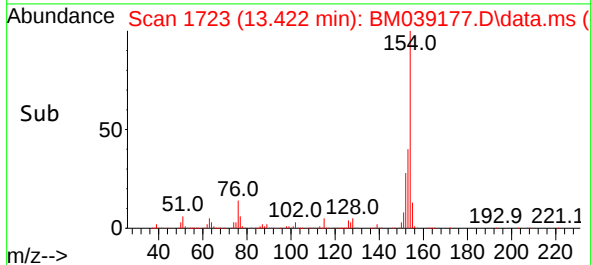
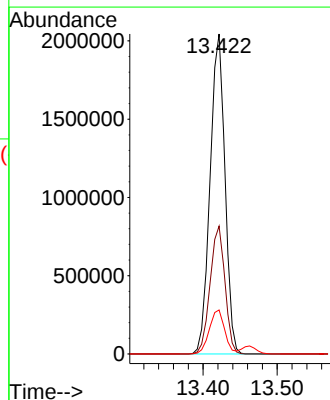
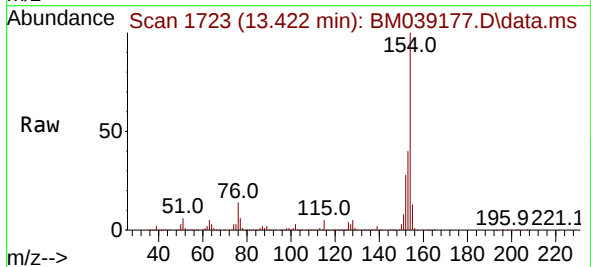
Instrument :
BNA_M
ClientSampleId :
PB151512BS

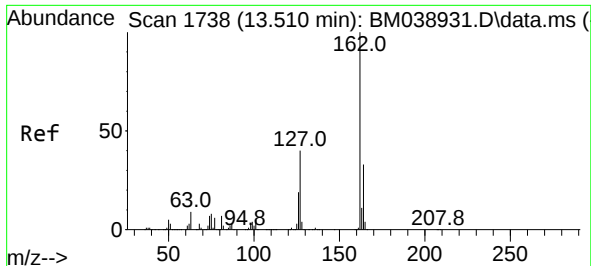
Tgt Ion:172 Resp: 4158303
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 44.419 ng
RT: 13.422 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:154 Resp: 2846261
Ion Ratio Lower Upper
154 100
153 40.0 19.3 59.3
76 13.8 0.0 34.0

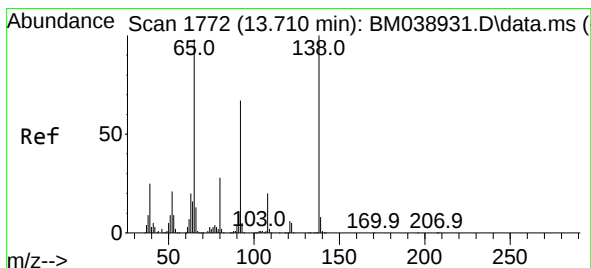
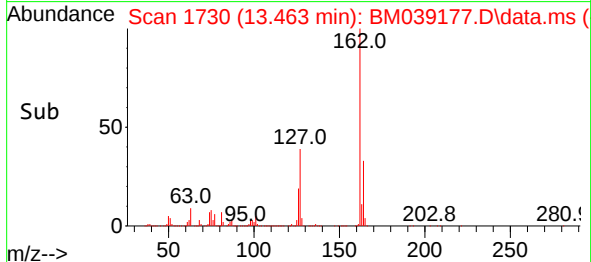
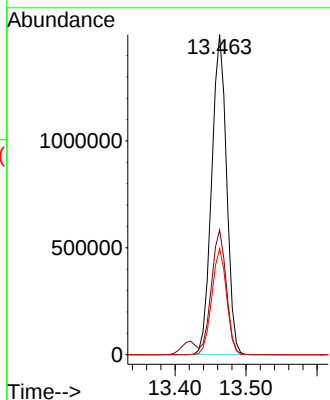
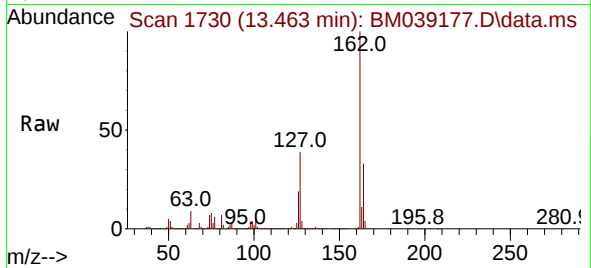




#47
2-Chloronaphthalene
Concen: 45.076 ng
RT: 13.463 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

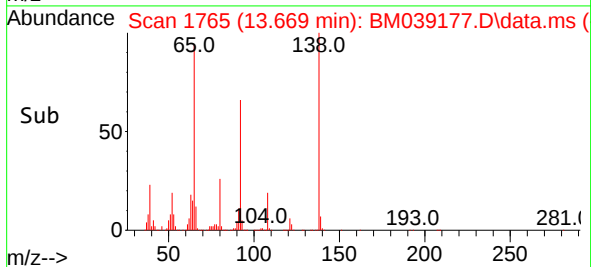
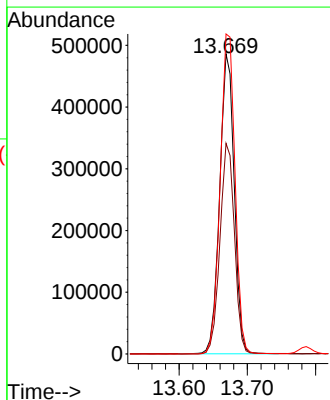
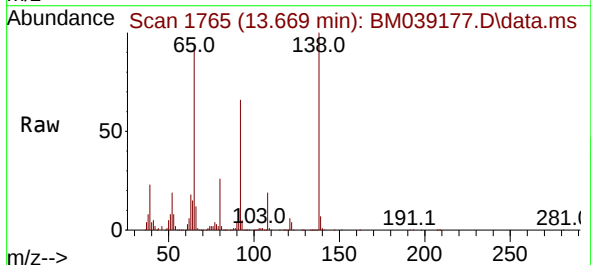
Instrument :
BNA_M
ClientSampleId :
PB151512BS

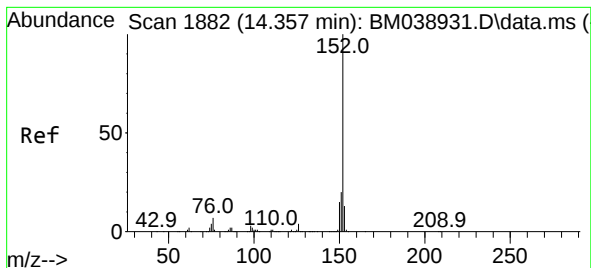
Tgt Ion:162 Resp: 2178014
Ion Ratio Lower Upper
162 100
127 38.9 32.1 48.1
164 33.2 26.2 39.4



#48
2-Nitroaniline
Concen: 46.854 ng
RT: 13.669 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion: 65 Resp: 723989
Ion Ratio Lower Upper
65 100
92 70.2 54.9 82.3
138 106.6 81.6 122.4





#49

Acenaphthylene

Concen: 45.288 ng

RT: 14.310 min Scan# 1874

Delta R.T. 0.000 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

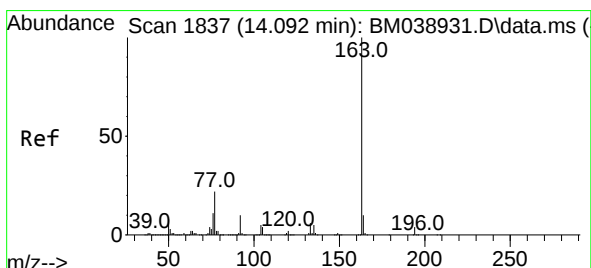
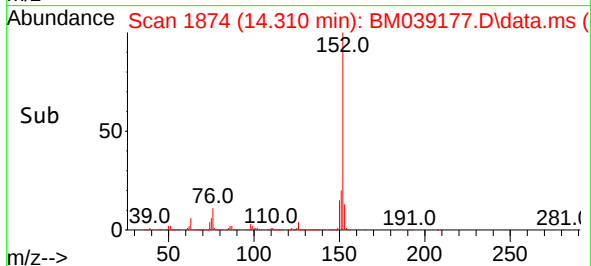
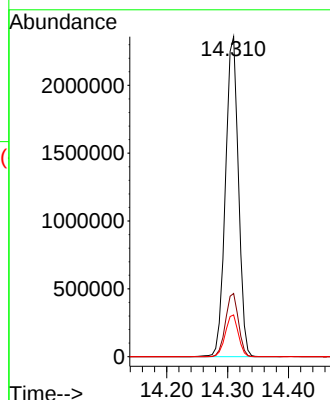
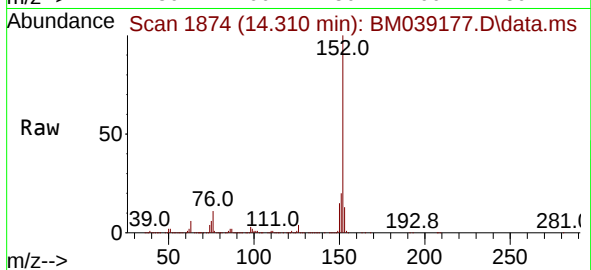
Tgt Ion:152 Resp: 3485609

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 46.945 ng

RT: 14.045 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

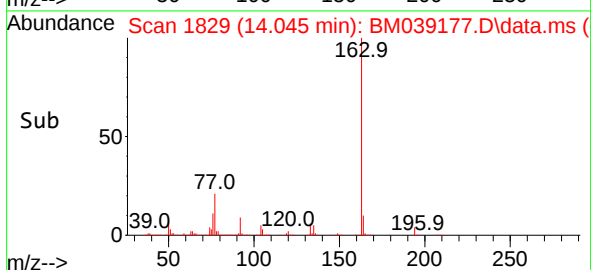
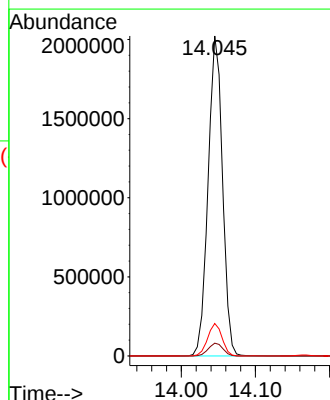
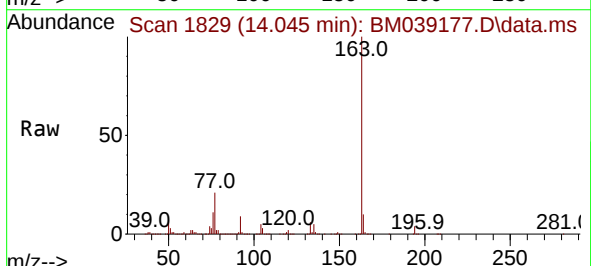
Tgt Ion:163 Resp: 2732284

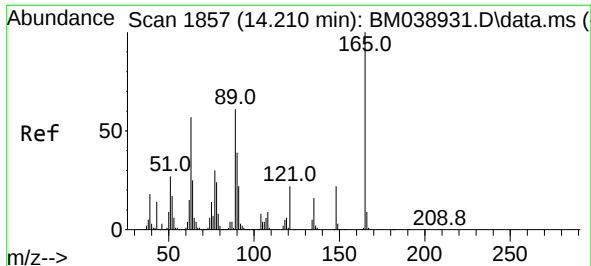
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.727 ng

RT: 14.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

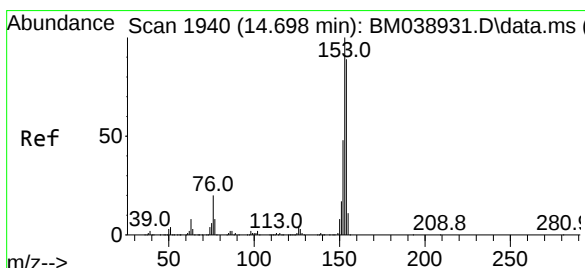
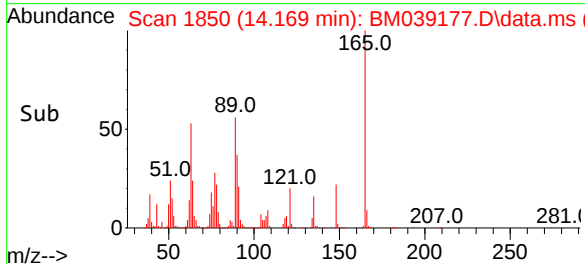
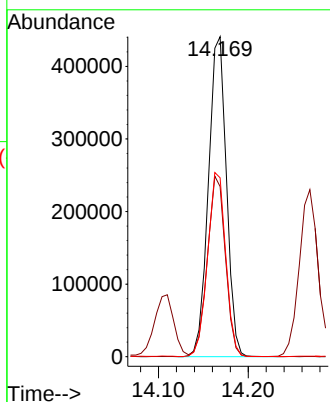
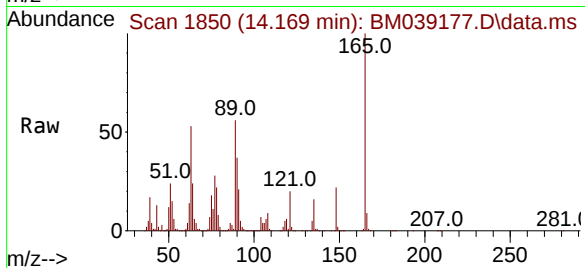
Tgt Ion:165 Resp: 614320

Ion Ratio Lower Upper

165 100

63 53.1 46.6 70.0

89 55.9 48.6 73.0



#52

Acenaphthene

Concen: 43.734 ng

RT: 14.651 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

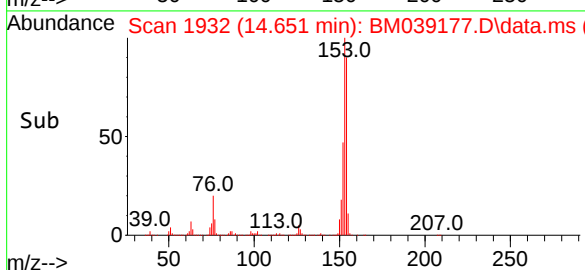
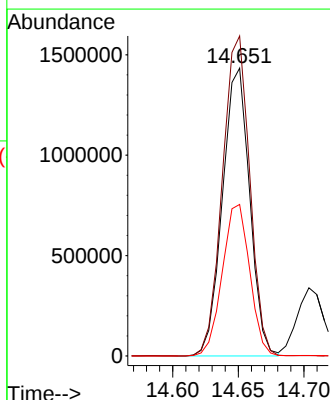
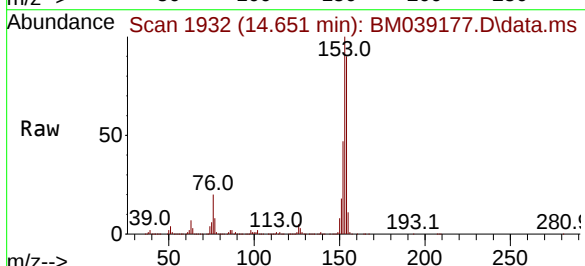
Tgt Ion:154 Resp: 2068604

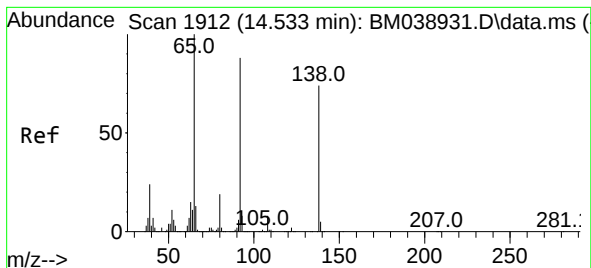
Ion Ratio Lower Upper

154 100

153 111.2 90.2 135.2

152 52.6 43.4 65.2

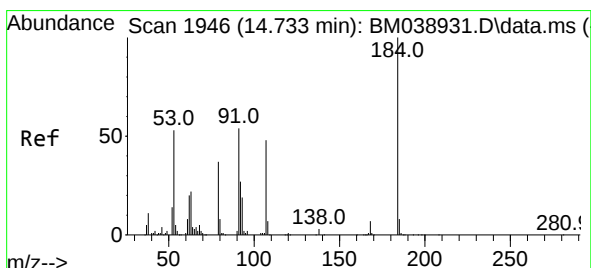
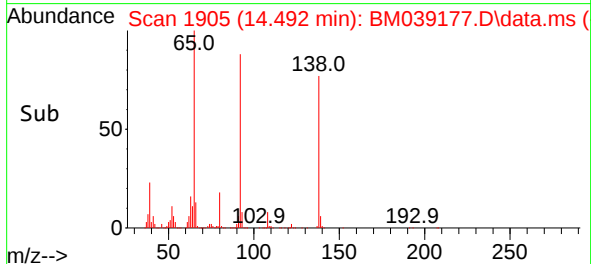
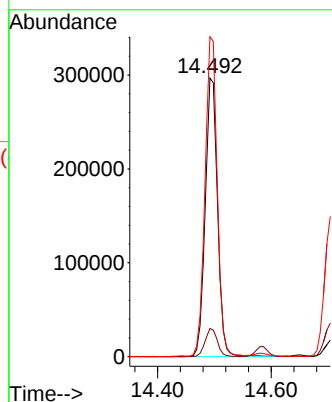
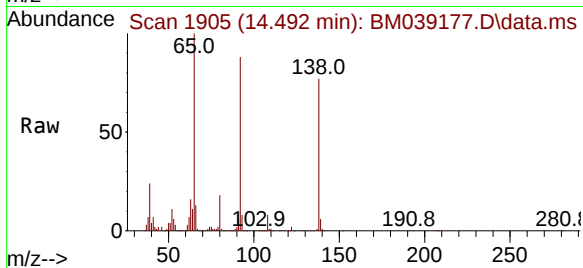




#53
3-Nitroaniline
Concen: 30.182 ng
RT: 14.492 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

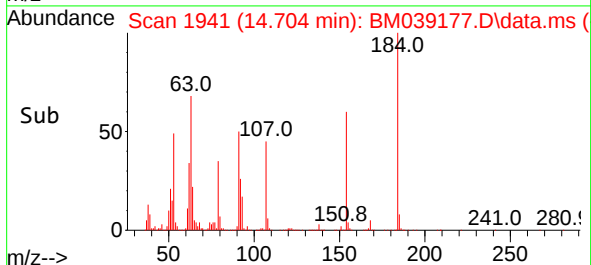
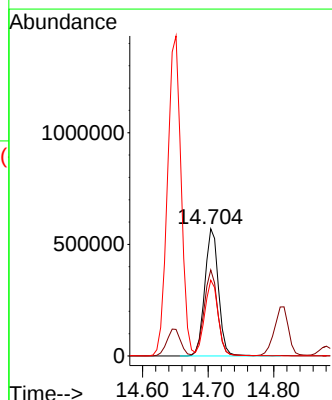
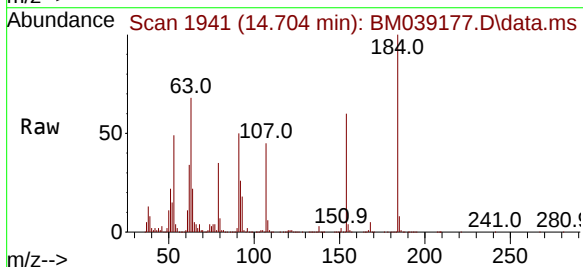
Instrument :
BNA_M
ClientSampleId :
PB151512BS

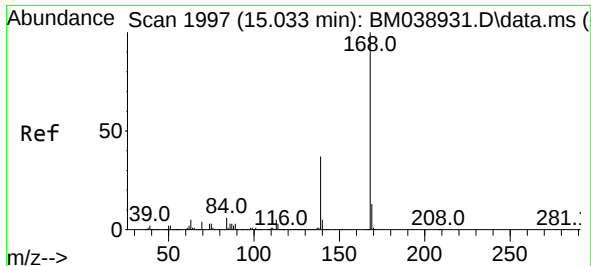
Tgt Ion:138 Resp: 444958
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 114.9 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 110.244 ng
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:184 Resp: 831131
Ion Ratio Lower Upper
184 100
63 67.7 60.6 90.8
154 59.6 51.4 77.2

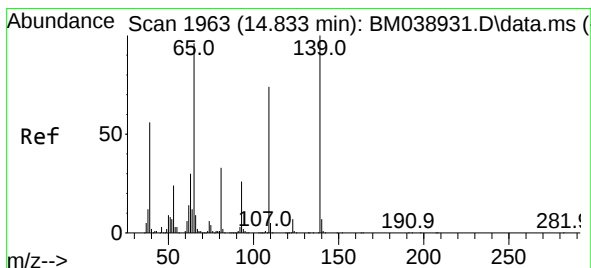
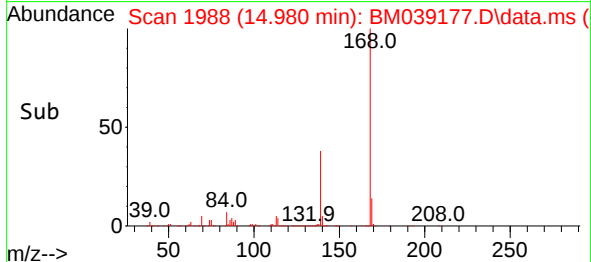
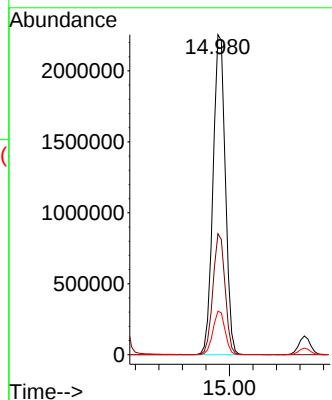
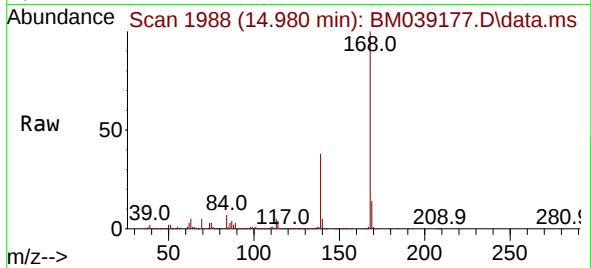




#55
Dibenzenofuran
Concen: 44.250 ng
RT: 14.980 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

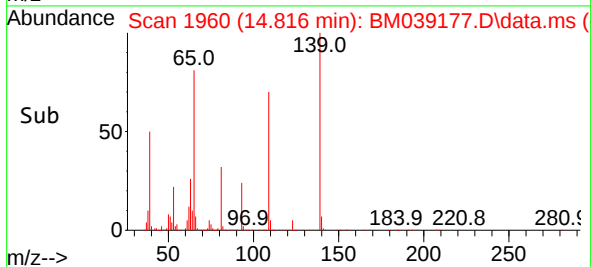
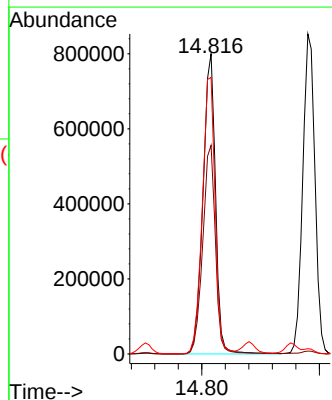
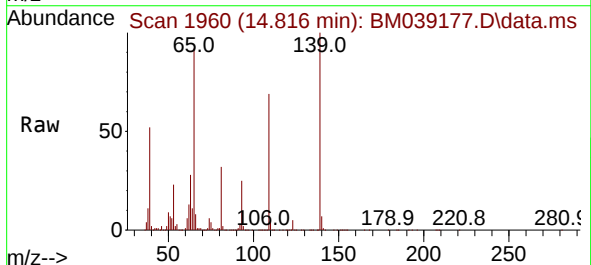
Instrument :
BNA_M
ClientSampleId :
PB151512BS

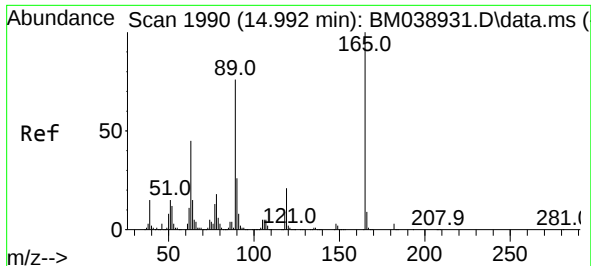
Tgt Ion:168 Resp: 3275260
Ion Ratio Lower Upper
168 100
139 37.8 29.9 44.9
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 102.450 ng
RT: 14.816 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:139 Resp: 1184221
Ion Ratio Lower Upper
139 100
109 69.5 53.5 93.5
65 92.0 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 49.345 ng

RT: 14.951 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BM039177.D

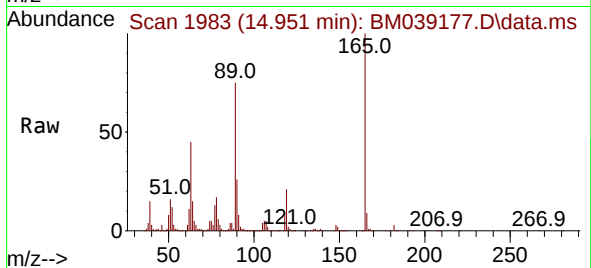
Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS



Tgt Ion:165 Resp: 836886

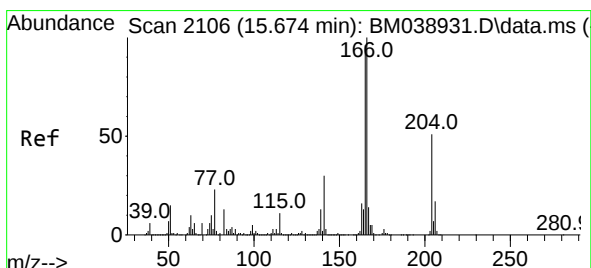
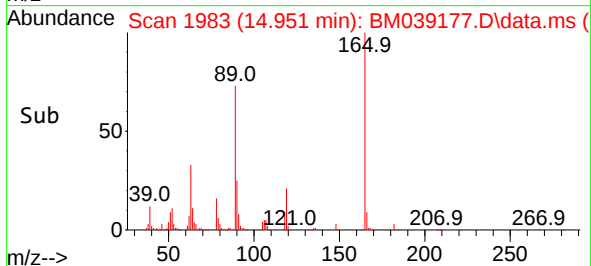
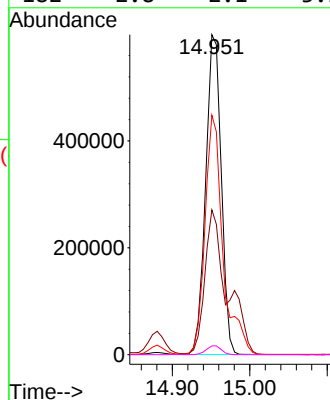
Ion Ratio Lower Upper

165 100

63 45.2 35.9 53.9

89 74.9 61.0 91.6

182 2.8 2.1 3.1



#58

Fluorene

Concen: 45.308 ng

RT: 15.633 min Scan# 2099

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

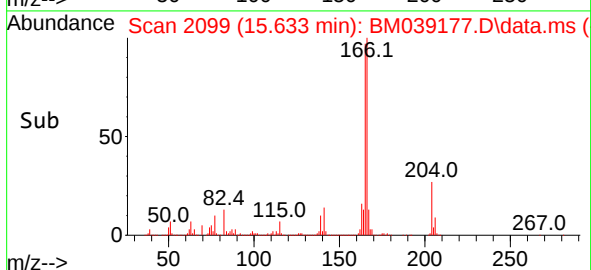
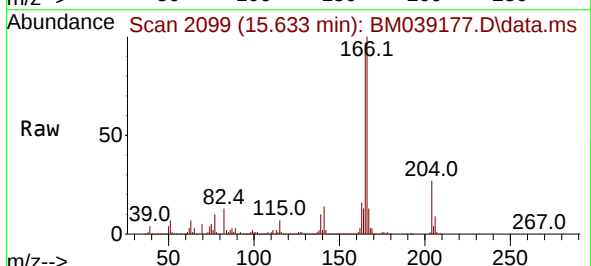
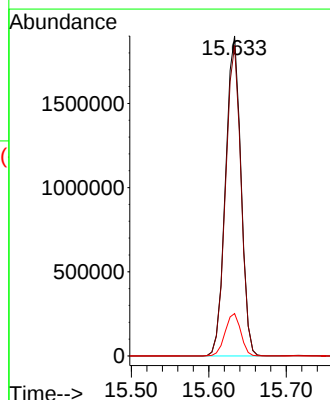
Tgt Ion:166 Resp: 2626956

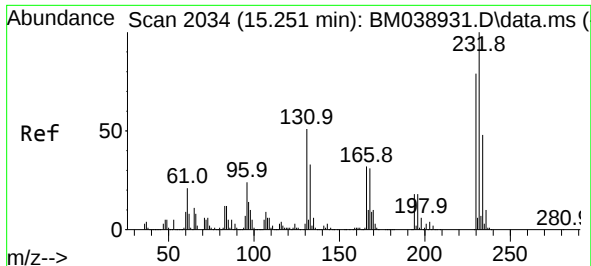
Ion Ratio Lower Upper

166 100

165 97.0 77.1 115.7

167 13.3 10.9 16.3

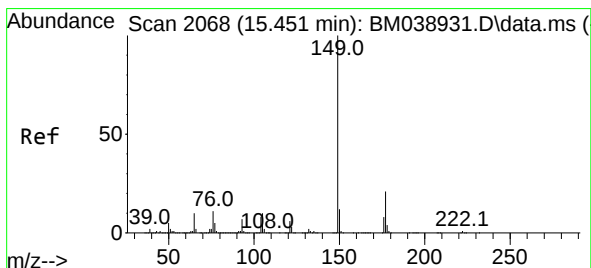
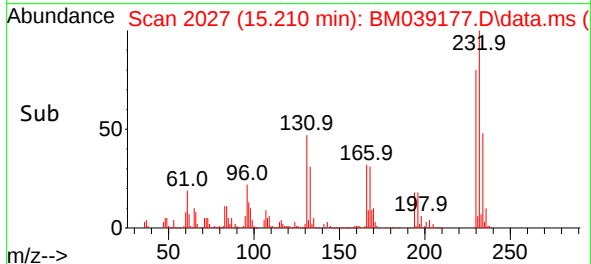
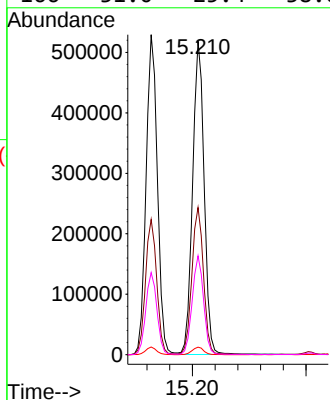
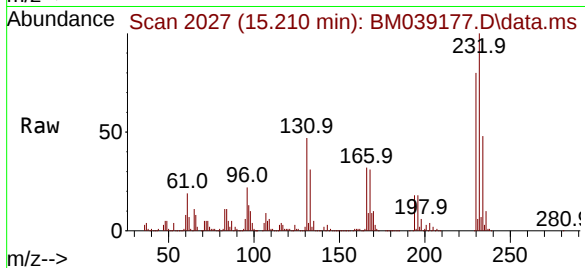




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.247 ng
RT: 15.210 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

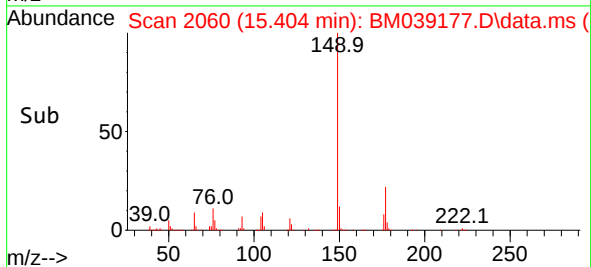
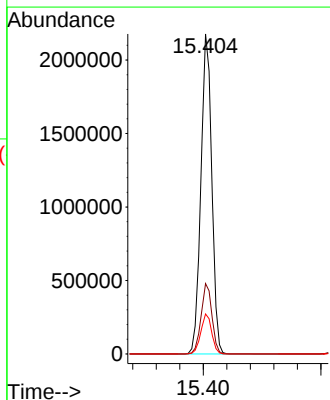
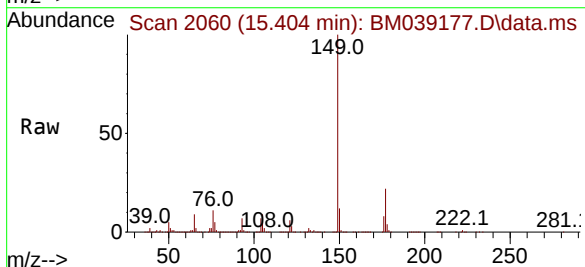
Instrument :
BNA_M
ClientSampleId :
PB151512BS

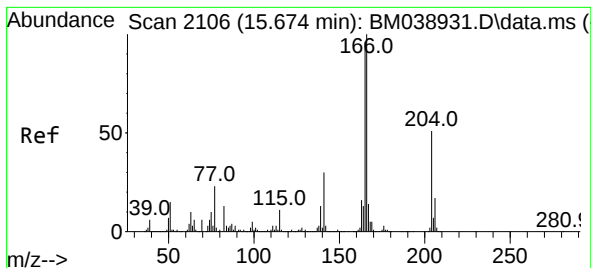
Tgt Ion:232 Resp: 736604
Ion Ratio Lower Upper
232 100
131 46.8 40.0 60.0
130 2.4 2.0 3.0
166 31.0 25.4 38.0



#60
Diethylphthalate
Concen: 49.498 ng
RT: 15.404 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:149 Resp: 2803105
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.5 9.7 14.5

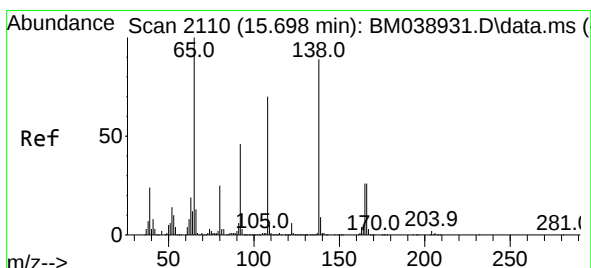
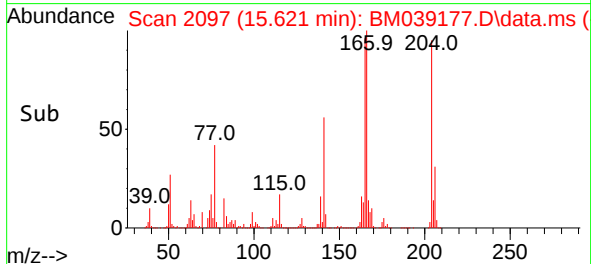
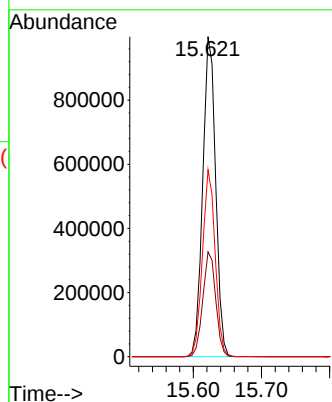
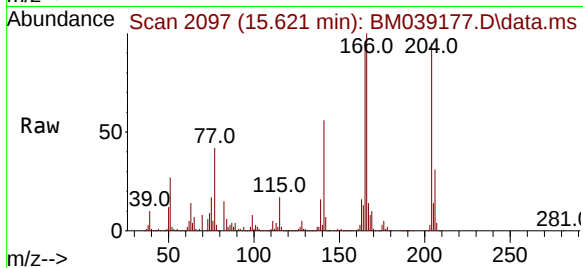




#61
4-Chlorophenyl-phenylether
Concen: 46.125 ng
RT: 15.621 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

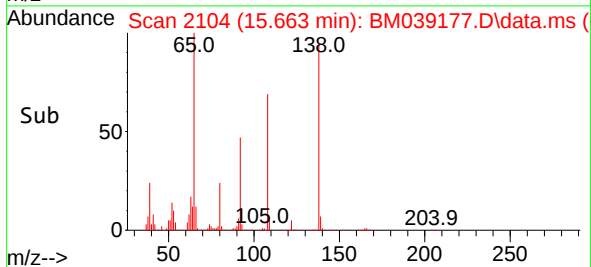
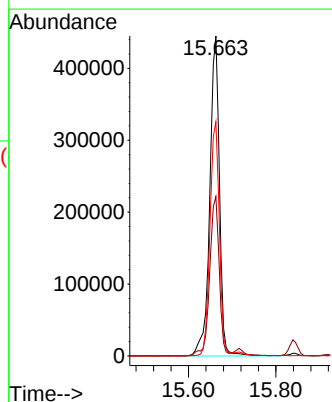
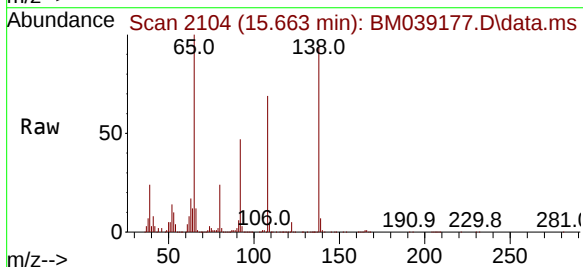
Instrument :
BNA_M
ClientSampleId :
PB151512BS

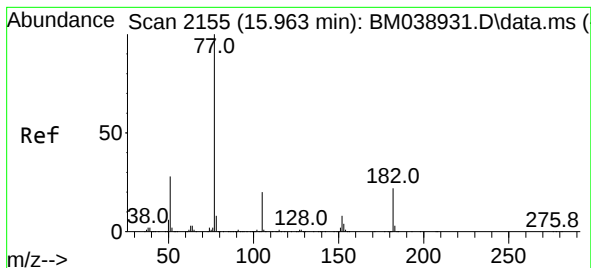
Tgt Ion:204 Resp: 1313828
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 58.4 46.4 69.6



#62
4-Nitroaniline
Concen: 45.130 ng
RT: 15.663 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:138 Resp: 689529
Ion Ratio Lower Upper
138 100
92 49.8 31.6 71.6
108 73.2 58.6 98.6





#63

Azobenzene

Concen: 47.456 ng

RT: 15.916 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

Tgt Ion: 77 Resp: 2843639

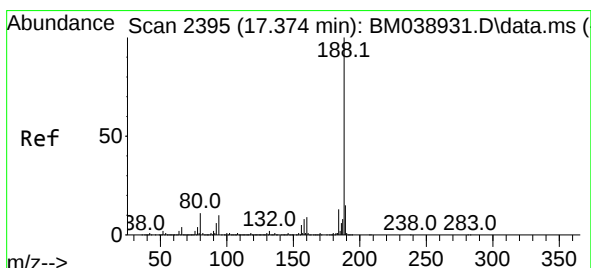
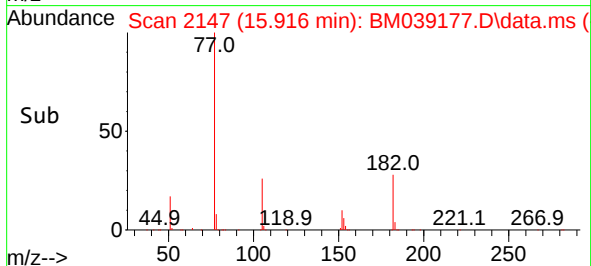
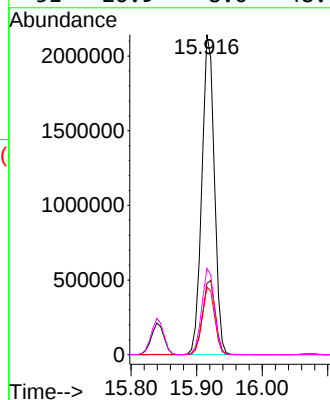
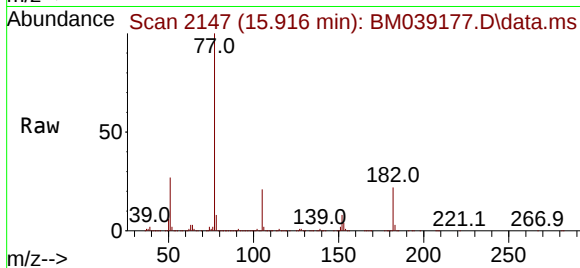
Ion Ratio Lower Upper

77 100

182 22.3 2.0 42.0

105 21.0 0.4 40.4

51 26.9 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2387

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

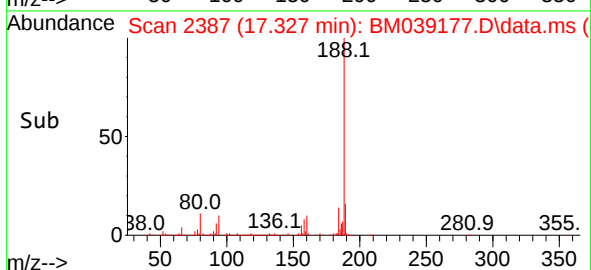
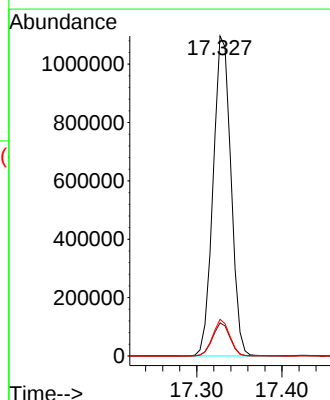
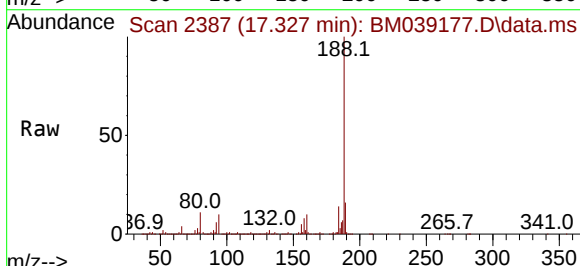
Tgt Ion:188 Resp: 1589570

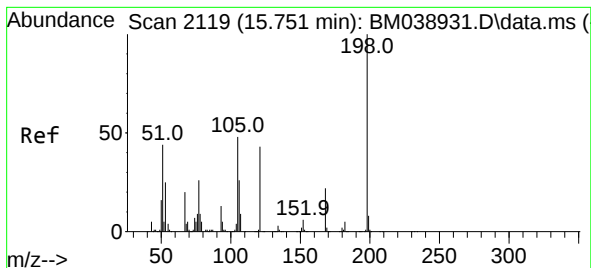
Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.5 8.5 12.7

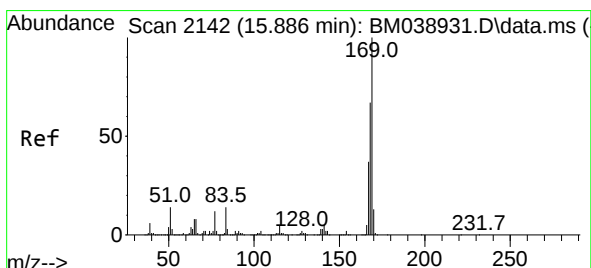
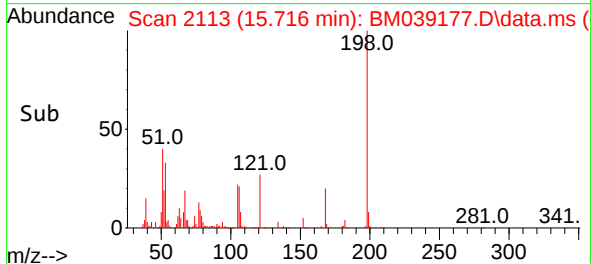
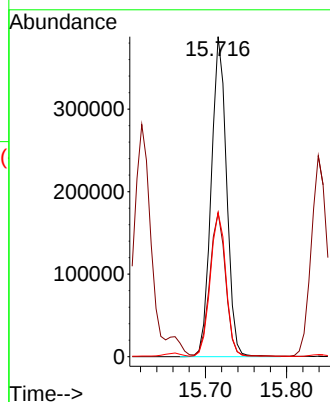
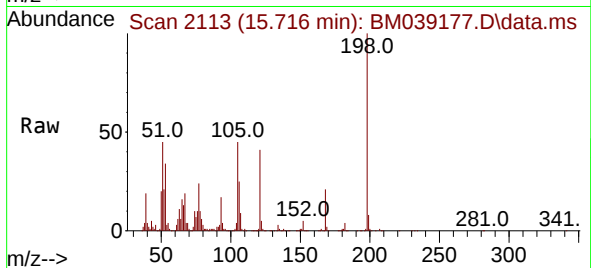




#65
4,6-Dinitro-2-methylphenol
Concen: 48.649 ng
RT: 15.716 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

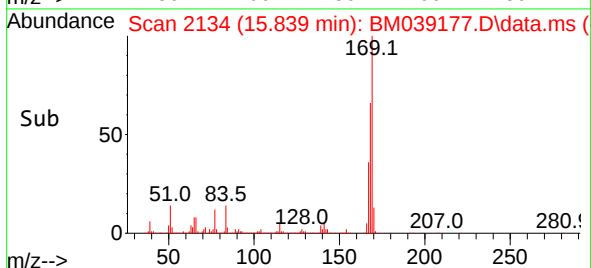
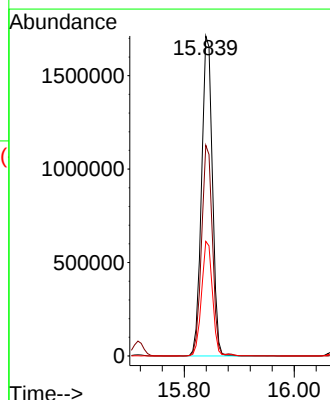
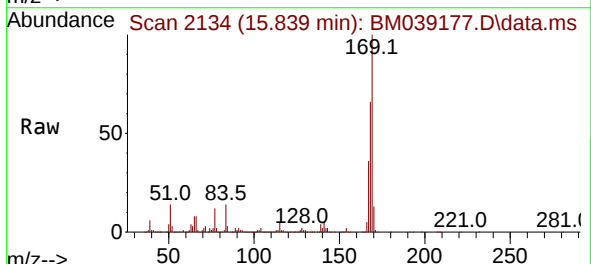
Instrument :
BNA_M
ClientSampleId :
PB151512BS

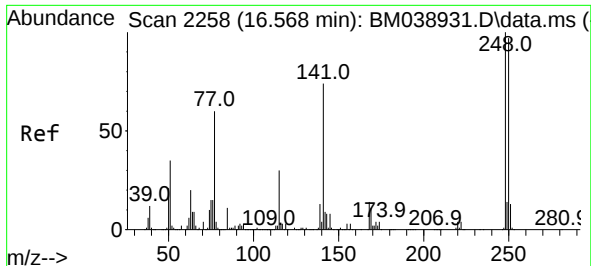
Tgt Ion:198 Resp: 508999
Ion Ratio Lower Upper
198 100
51 45.0 30.1 70.1
105 45.0 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 43.806 ng
RT: 15.839 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:169 Resp: 2347441
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 35.8 29.4 44.0

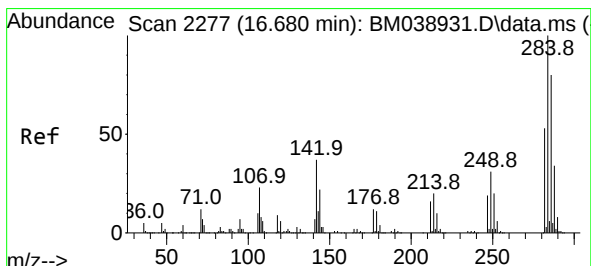
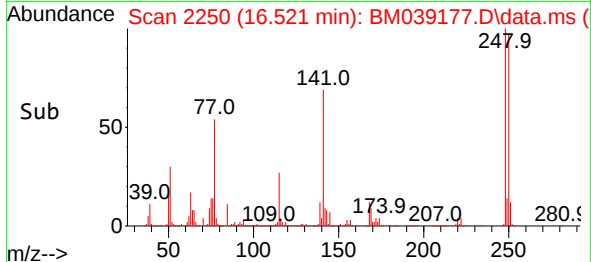
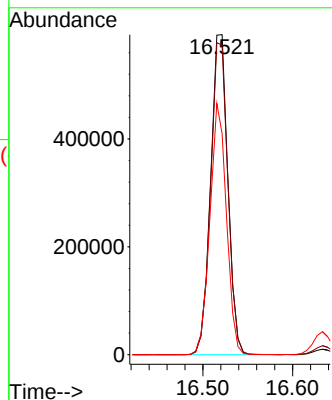
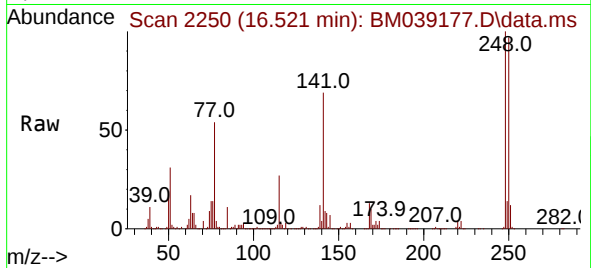




#67
4-Bromophenyl-phenylether
Concen: 46.218 ng
RT: 16.521 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

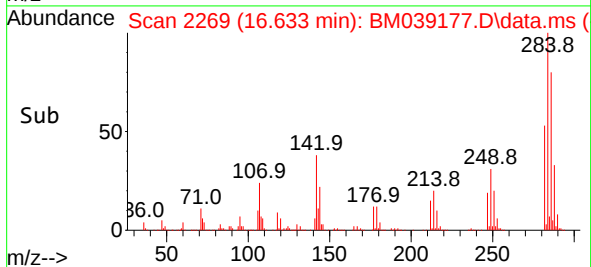
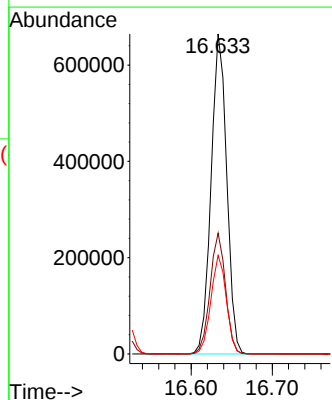
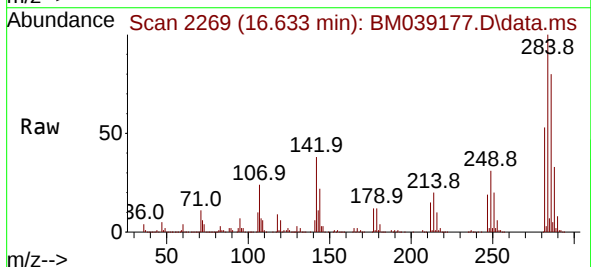
Instrument :
BNA_M
ClientSampleId :
PB151512BS

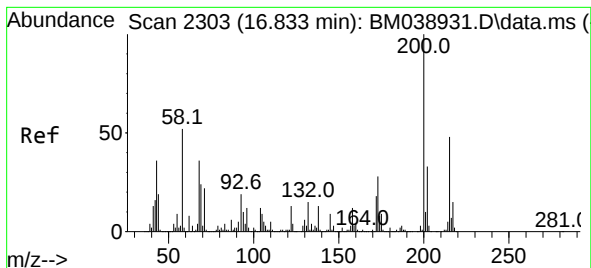
Tgt Ion:248 Resp: 793525
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.8
141 69.0 59.0 88.4



#68
Hexachlorobenzene
Concen: 46.238 ng
RT: 16.633 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:284 Resp: 887462
Ion Ratio Lower Upper
284 100
142 37.7 29.5 44.3
249 30.8 25.0 37.4





#69

Atrazine

Concen: 54.391 ng

RT: 16.798 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

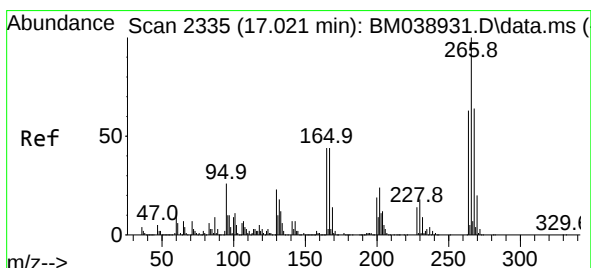
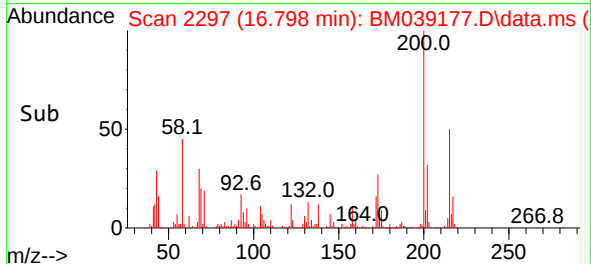
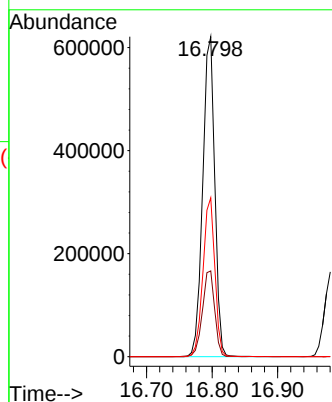
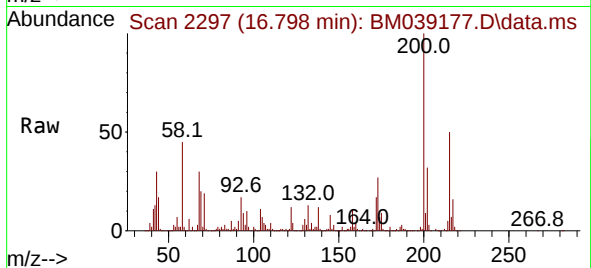
Tgt Ion:200 Resp: 796138

Ion Ratio Lower Upper

200 100

173 26.8 8.2 48.2

215 49.7 27.8 67.8



#70

Pentachlorophenol

Concen: 85.487 ng

RT: 16.980 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

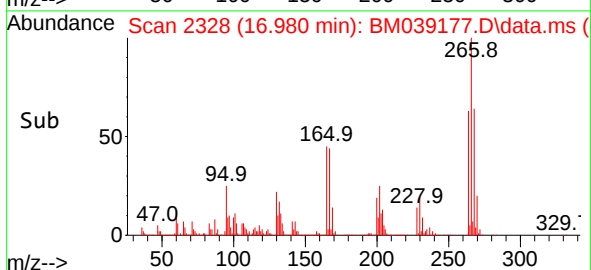
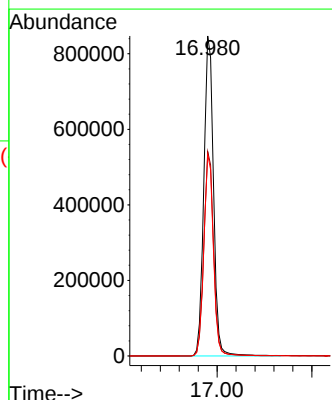
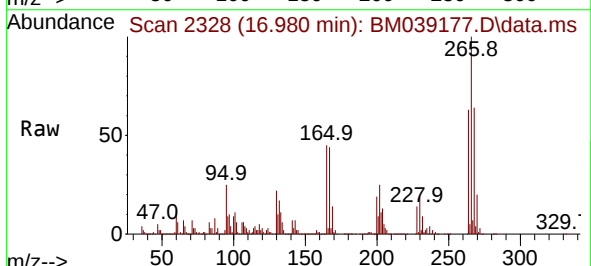
Tgt Ion:266 Resp: 1206788

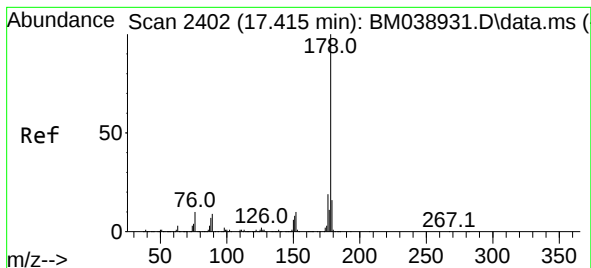
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.4

264 62.9 50.3 75.5





#71

Phenanthrene

Concen: 43.117 ng

RT: 17.374 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

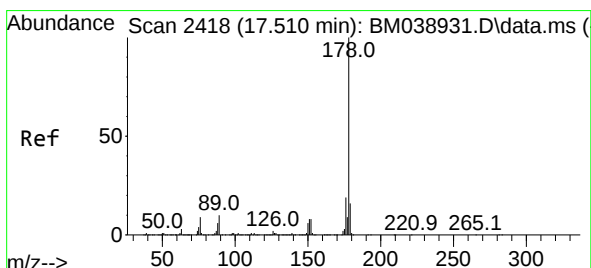
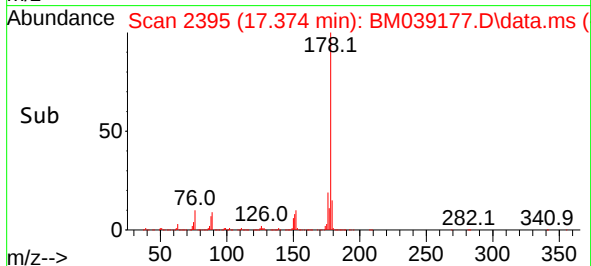
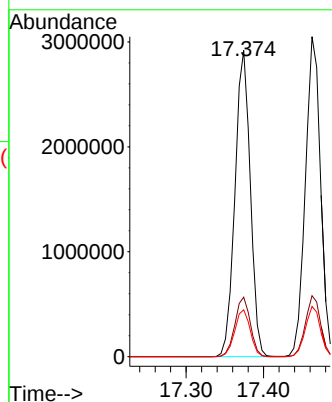
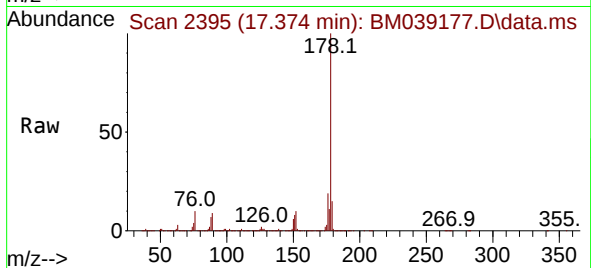
Tgt Ion:178 Resp: 4022530

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.3 12.5 18.7



#72

Anthracene

Concen: 44.725 ng

RT: 17.463 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

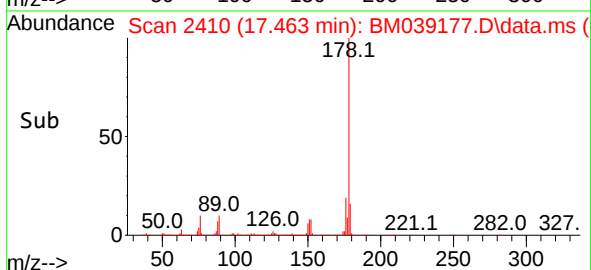
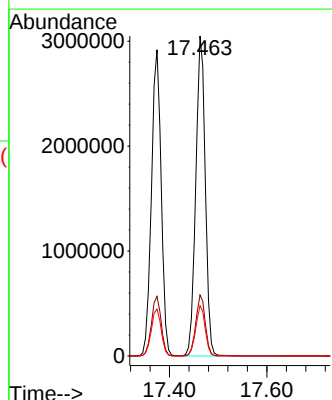
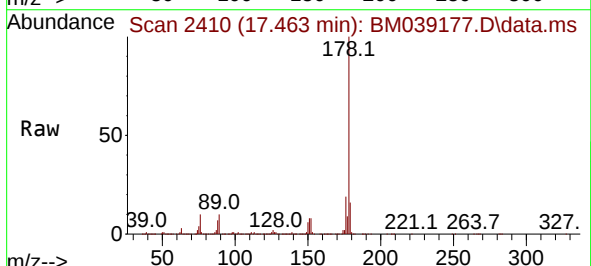
Tgt Ion:178 Resp: 4161020

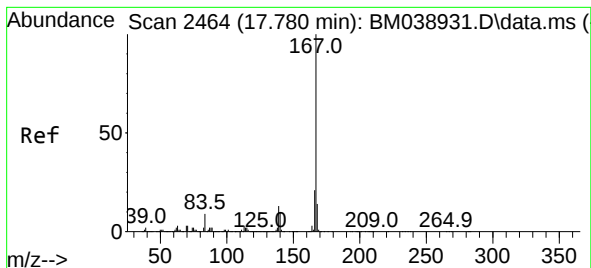
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.7 12.5 18.7





#73

Carbazole

Concen: 45.762 ng

RT: 17.739 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

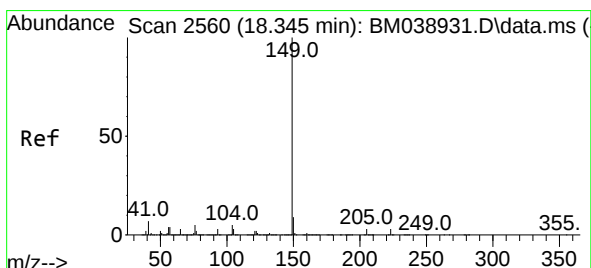
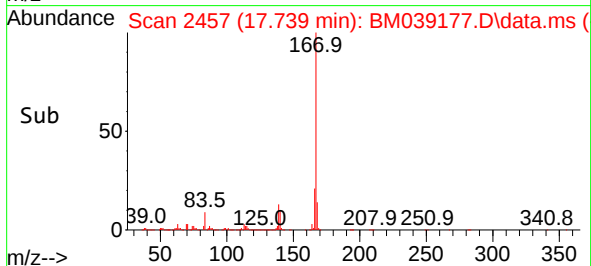
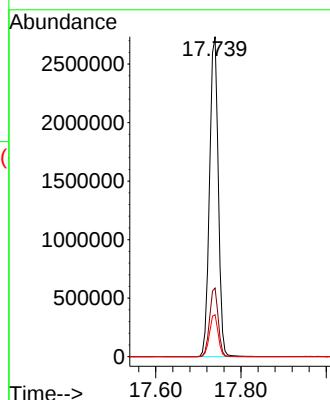
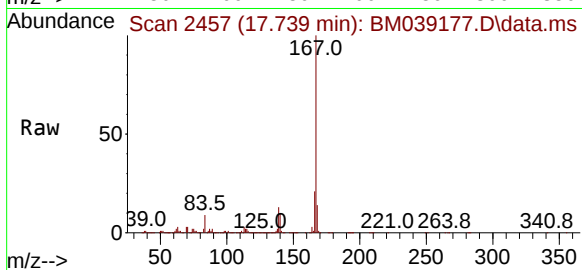
Tgt Ion:167 Resp: 3885666

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 47.304 ng

RT: 18.298 min Scan# 2552

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

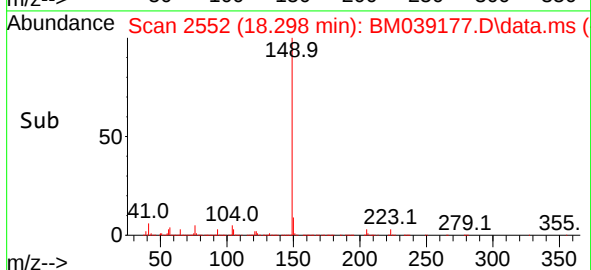
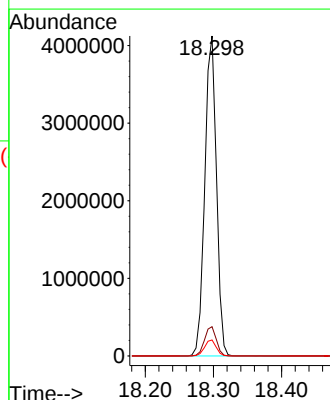
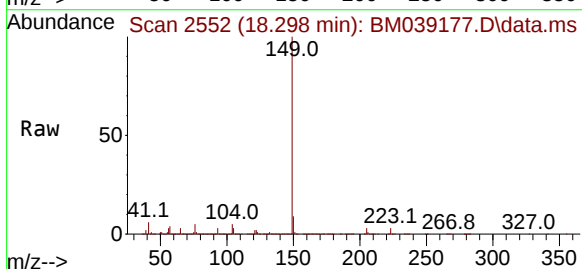
Tgt Ion:149 Resp: 4896210

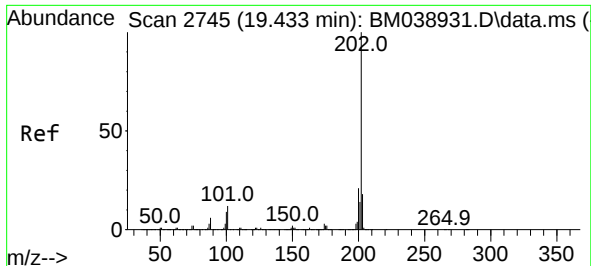
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 4.3 6.5

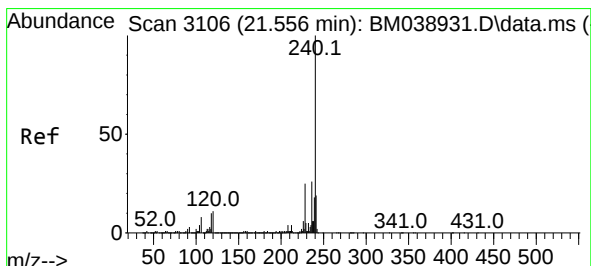
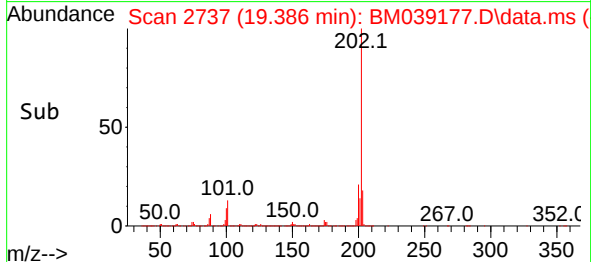
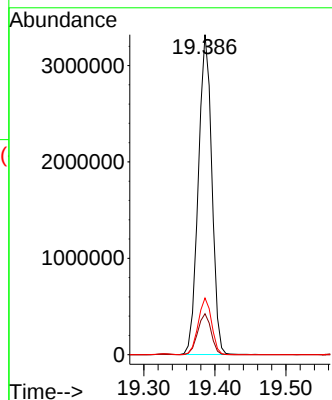
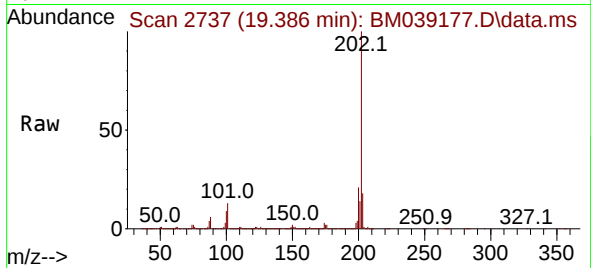




#75
Fluoranthene
Concen: 44.553 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

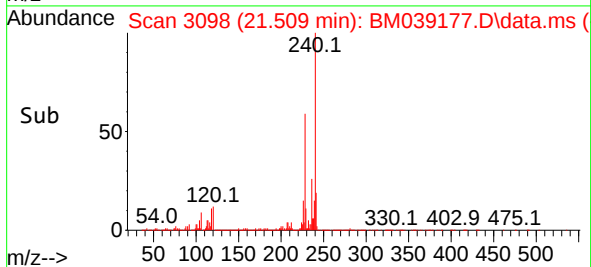
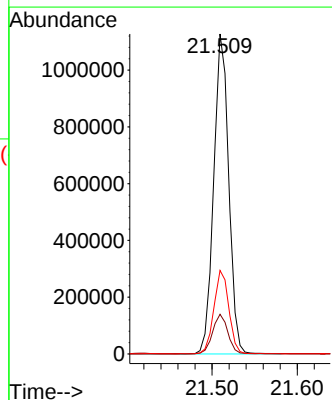
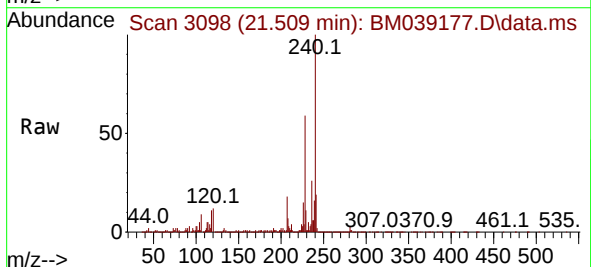
Instrument :
BNA_M
ClientSampleId :
PB151512BS

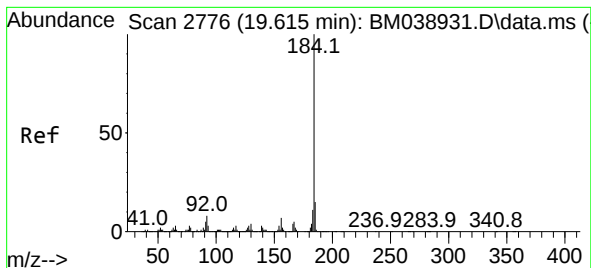
Tgt Ion:202 Resp: 4388588
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.7
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:240 Resp: 1382896
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 26.1 20.8 31.2





#77

Benzidine

Concen: 83.322 ng

RT: 19.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

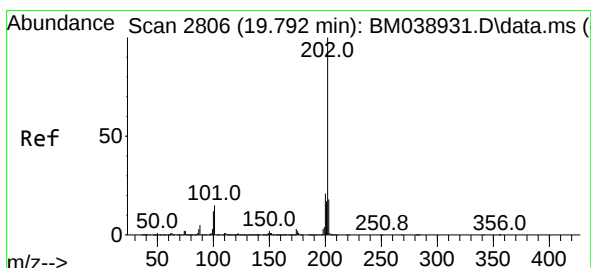
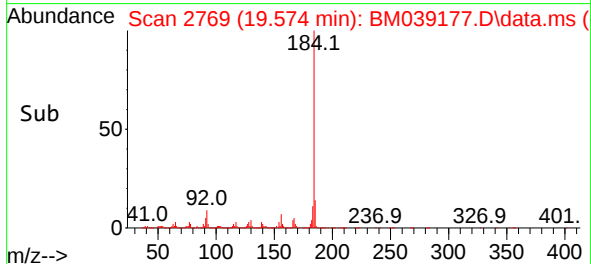
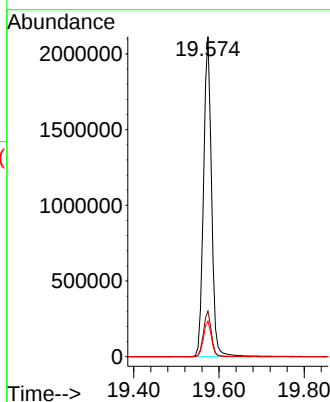
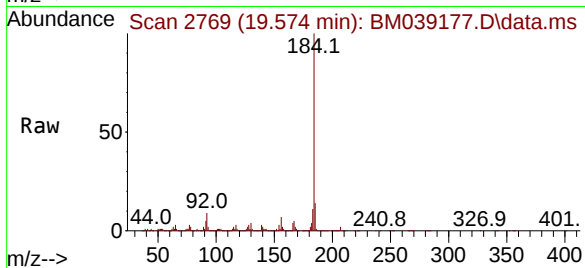
Tgt Ion:184 Resp: 2752391

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

183 11.1 8.8 13.2



#78

Pyrene

Concen: 44.952 ng

RT: 19.751 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

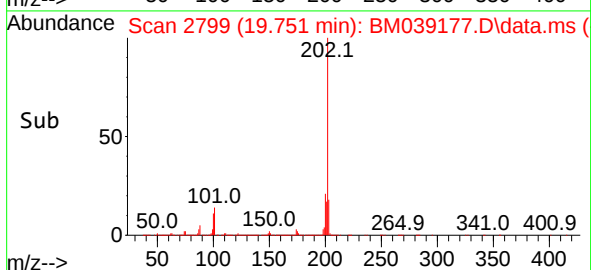
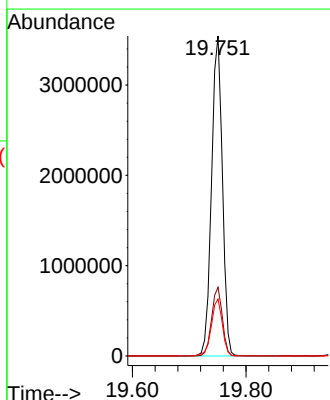
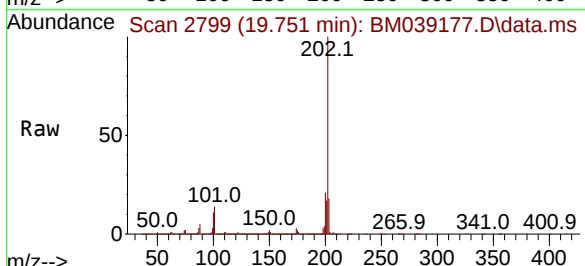
Tgt Ion:202 Resp: 4668993

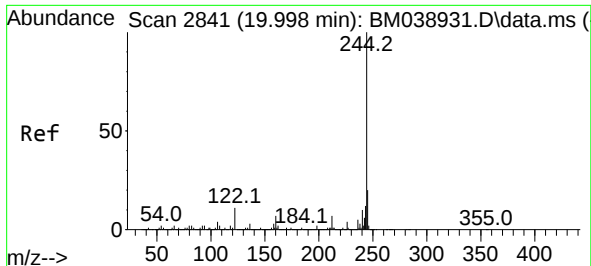
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.8 14.1 21.1

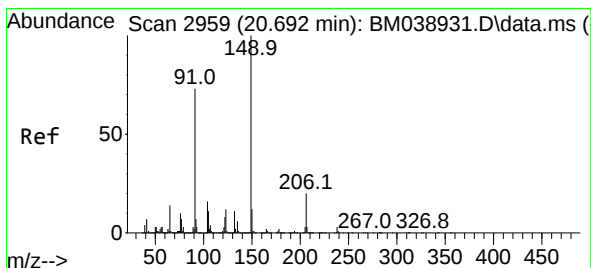
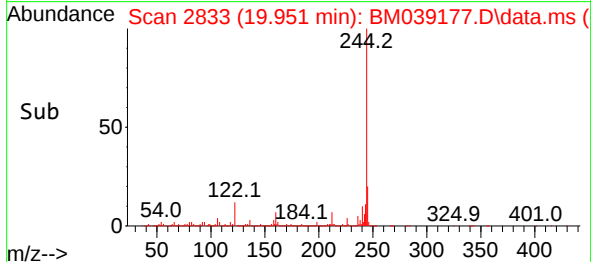
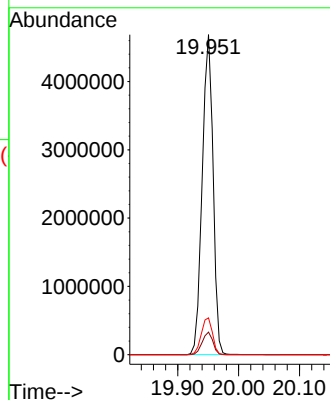
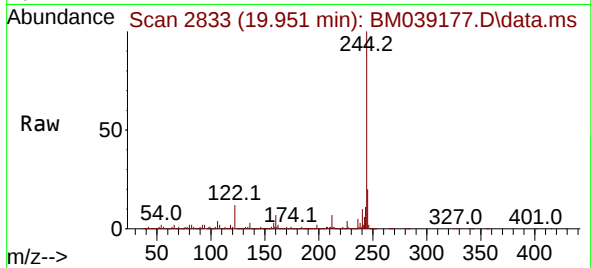




#79
 Terphenyl-d14
 Concen: 76.304 ng
 RT: 19.951 min Scan# 2833
 Delta R.T. -0.006 min
 Lab File: BM039177.D
 Acq: 28 Mar 2023 13:35

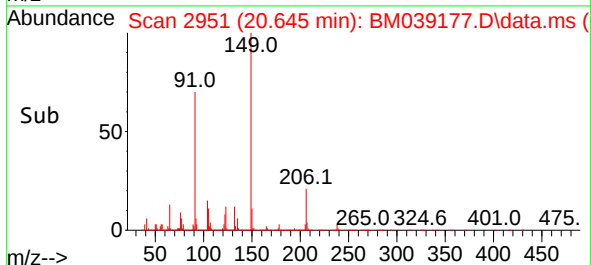
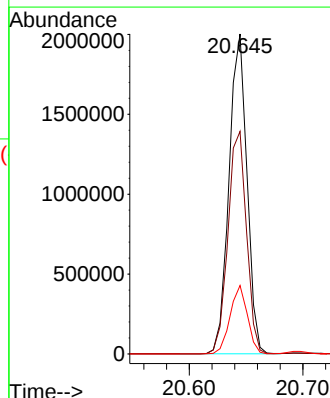
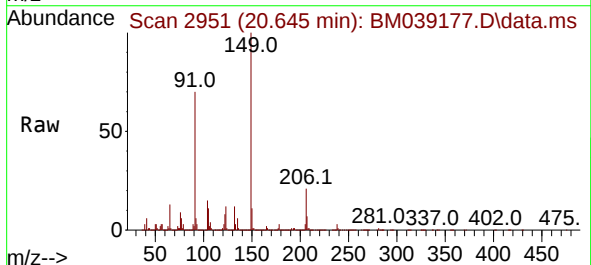
Instrument :
 BNA_M
 ClientSampleId :
 PB151512BS

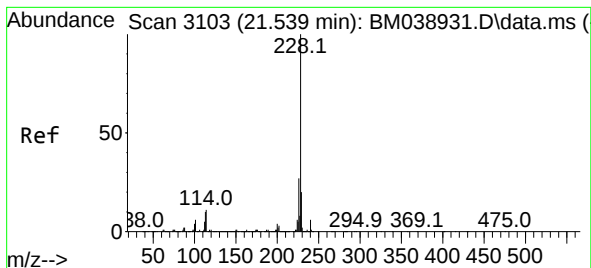
Tgt Ion:244 Resp: 5771438
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 49.573 ng
 RT: 20.645 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: BM039177.D
 Acq: 28 Mar 2023 13:35

Tgt Ion:149 Resp: 2194523
 Ion Ratio Lower Upper
 149 100
 91 69.5 58.4 87.6
 206 21.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.477 ng

RT: 21.492 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

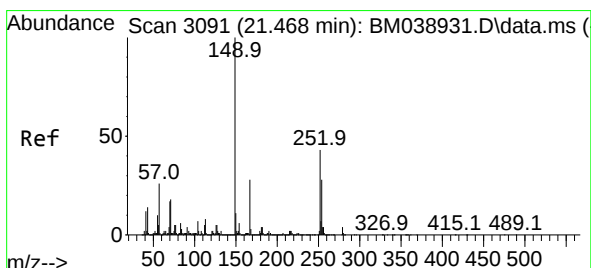
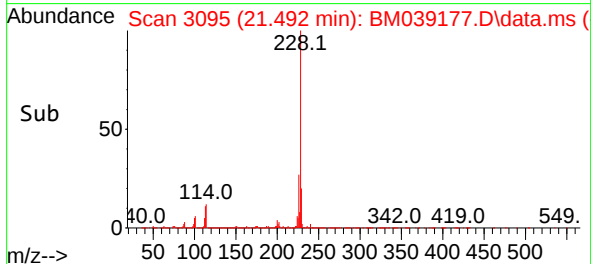
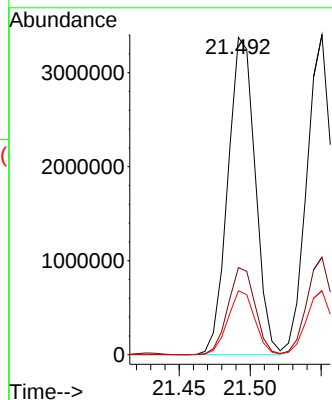
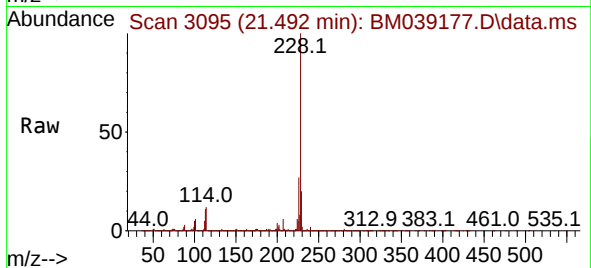
Tgt Ion:228 Resp: 4529016

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.840 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

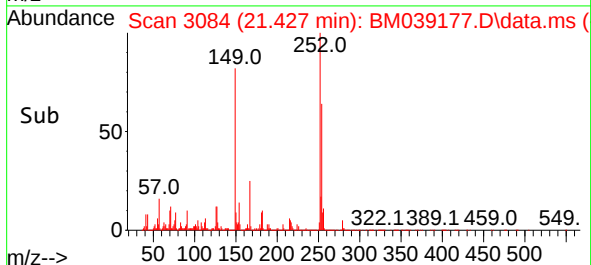
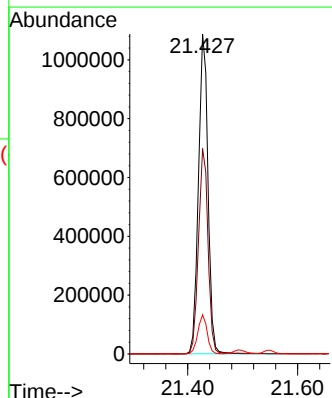
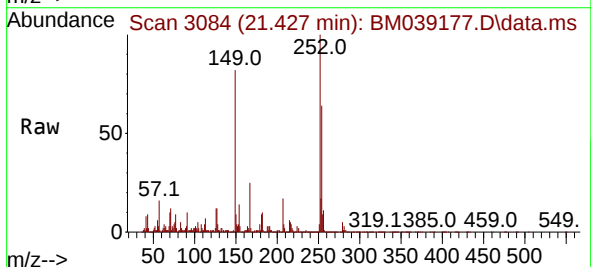
Tgt Ion:252 Resp: 1311226

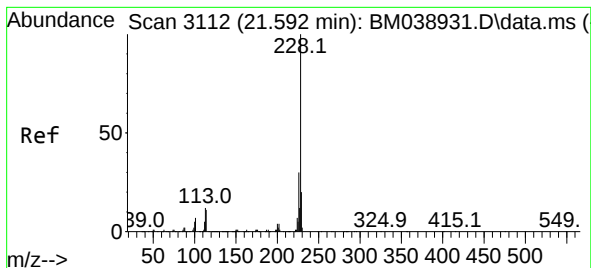
Ion Ratio Lower Upper

252 100

254 64.2 51.5 77.3

126 12.3 9.9 14.9





#83

Chrysene

Concen: 43.556 ng

RT: 21.551 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

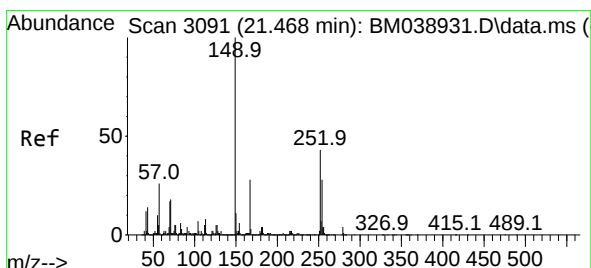
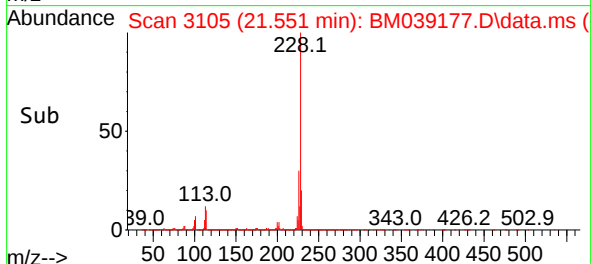
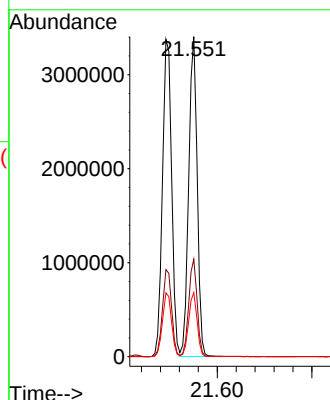
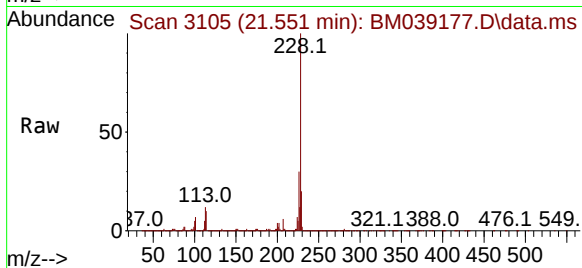
Tgt Ion:228 Resp: 4218823

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.757 ng

RT: 21.415 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

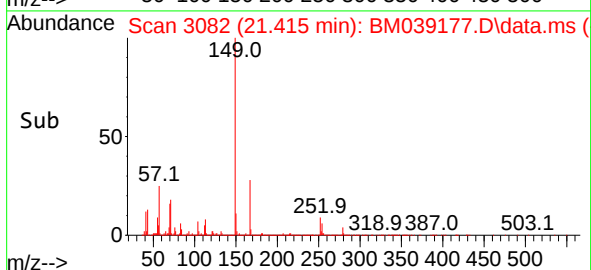
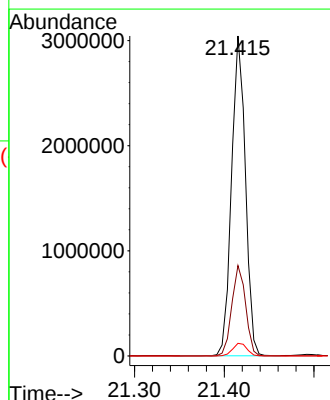
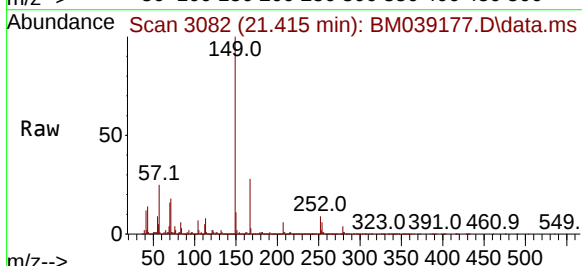
Tgt Ion:149 Resp: 3250734

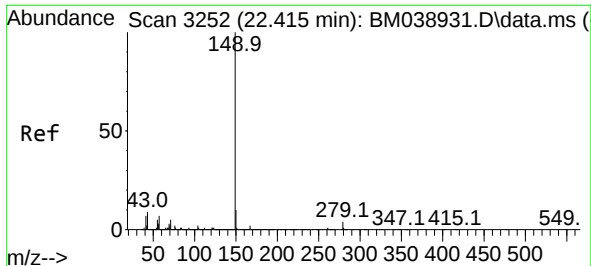
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 4.0 3.2 4.8

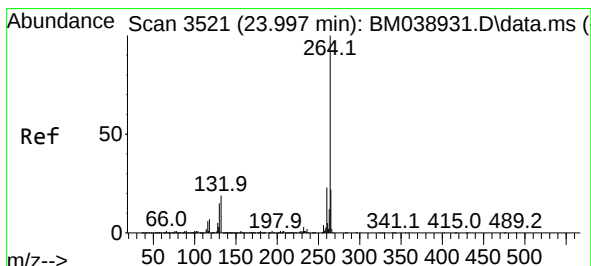
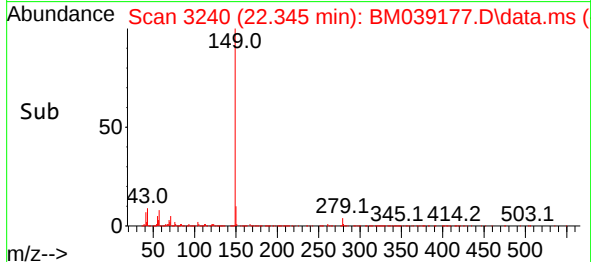
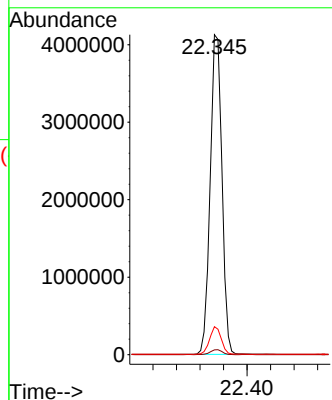
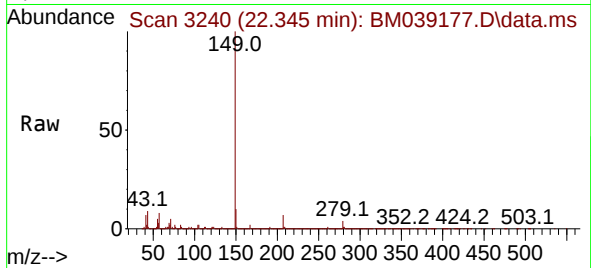




#85
Di-n-octyl phthalate
Concen: 53.495 ng
RT: 22.345 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

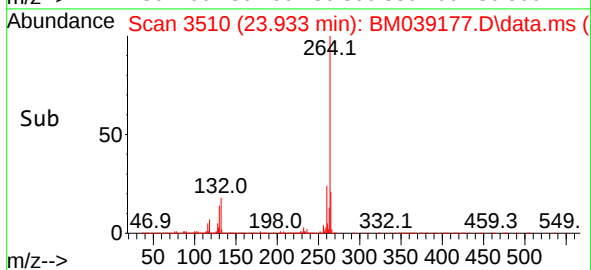
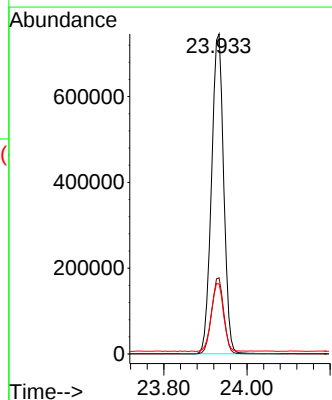
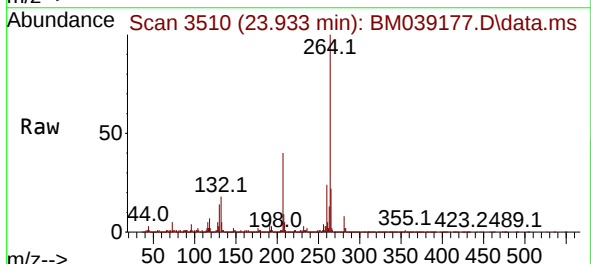
Instrument :
BNA_M
ClientSampleId :
PB151512BS

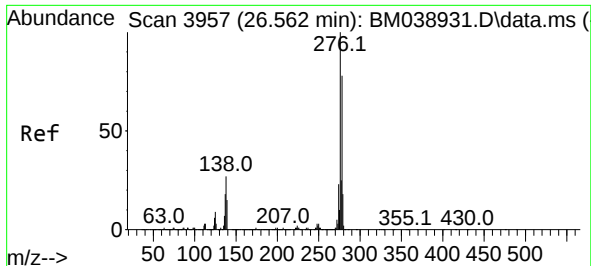
Tgt Ion:149 Resp: 5718763
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.5 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:264 Resp: 1515612
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.9 17.9 26.9

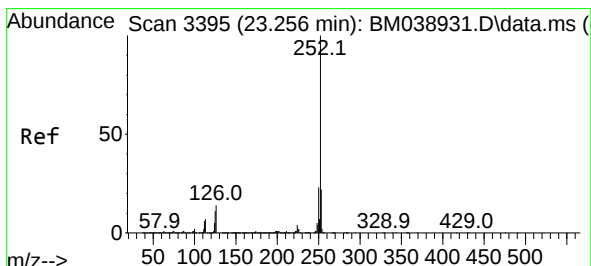
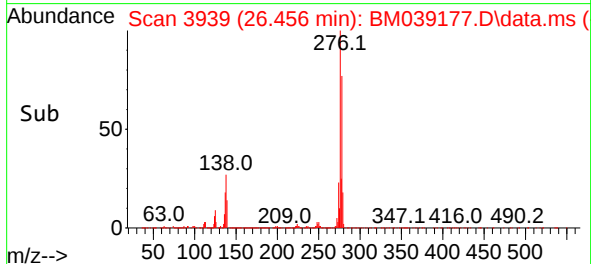
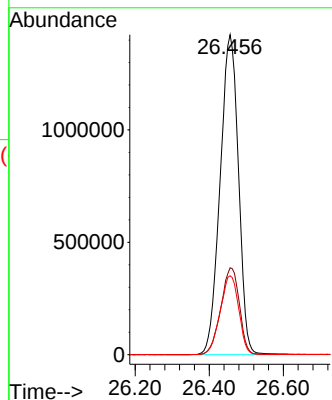
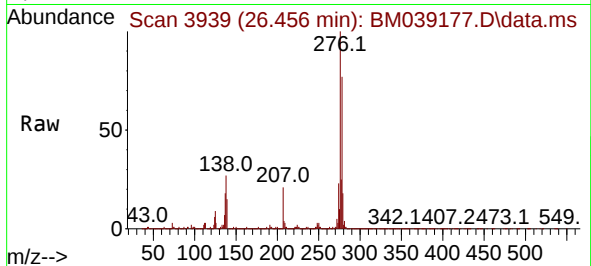




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.336 ng
RT: 26.456 min Scan# 3957
Delta R.T. -0.012 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

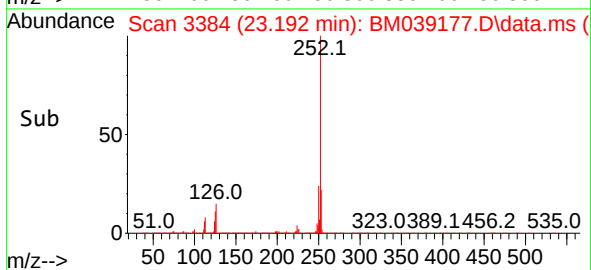
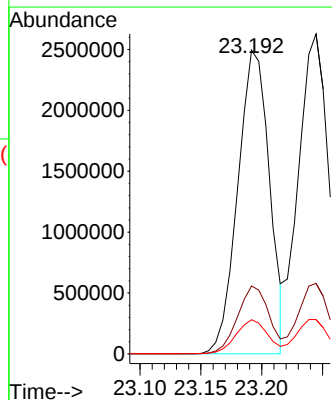
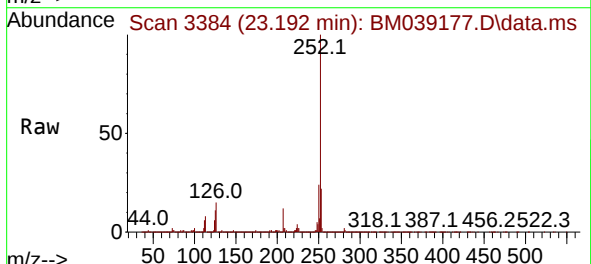
Instrument :
BNA_M
ClientSampleId :
PB151512BS

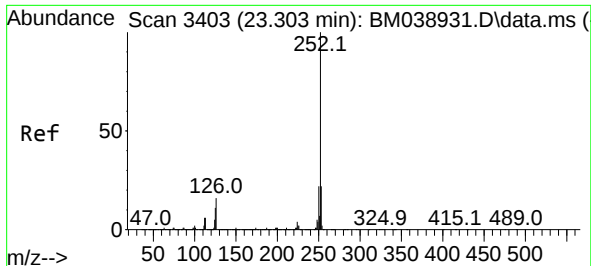
Tgt Ion:276 Resp: 4882531
Ion Ratio Lower Upper
276 100
138 27.5 22.1 33.1
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 46.600 ng
RT: 23.192 min Scan# 3384
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:252 Resp: 4512151
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.3 8.8 13.2

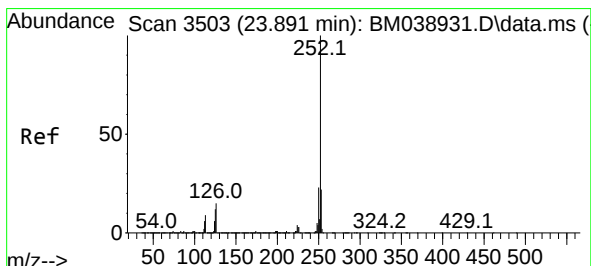
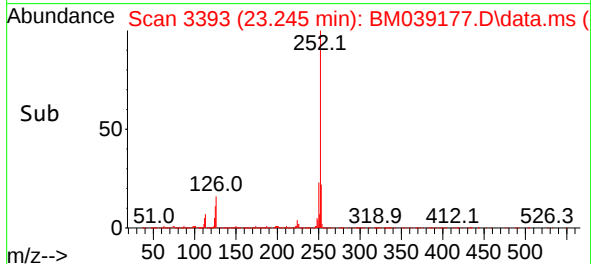
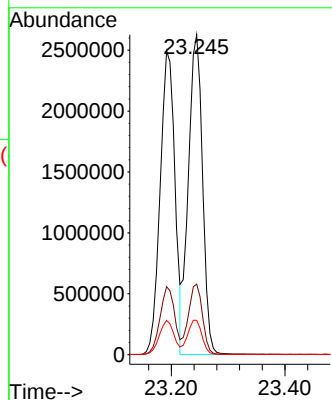
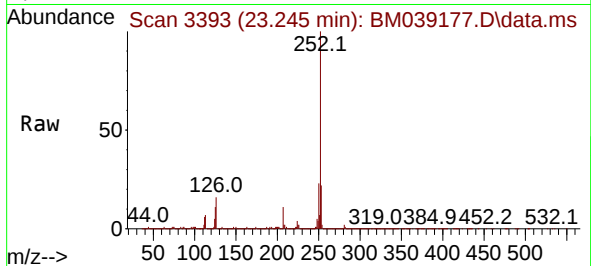




#89
Benzo(k)fluoranthene
Concen: 45.065 ng
RT: 23.245 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

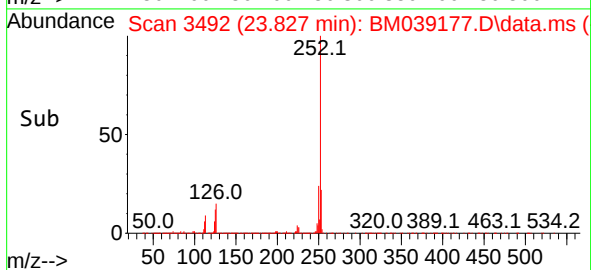
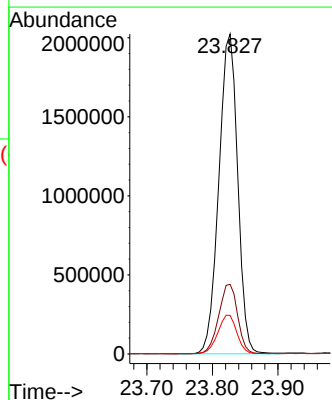
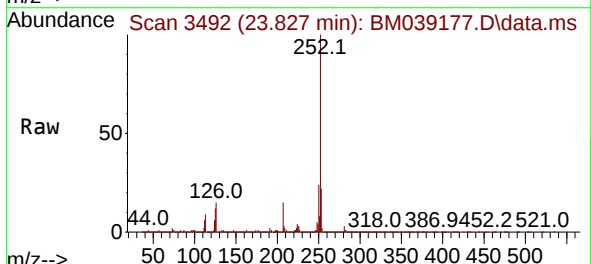
Instrument :
BNA_M
ClientSampleId :
PB151512BS

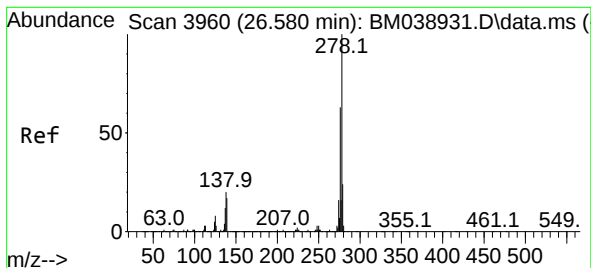
Tgt Ion:252 Resp: 4541129
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 43.075 ng
RT: 23.827 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BM039177.D
Acq: 28 Mar 2023 13:35

Tgt Ion:252 Resp: 4014148
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 41.865 ng

RT: 26.468 min Scan# 3960

Delta R.T. -0.012 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB151512BS

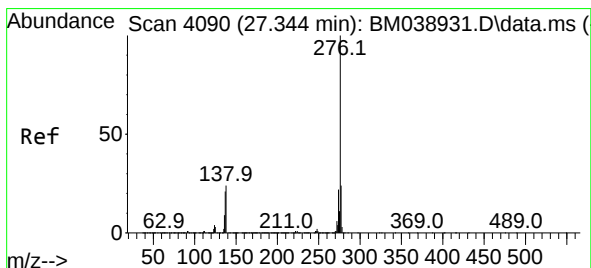
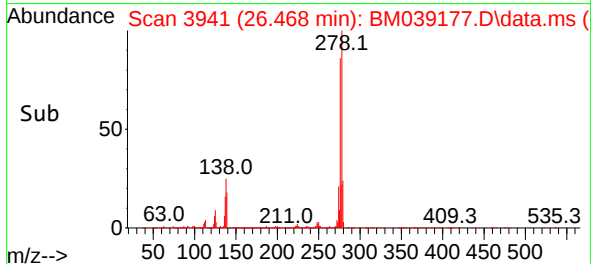
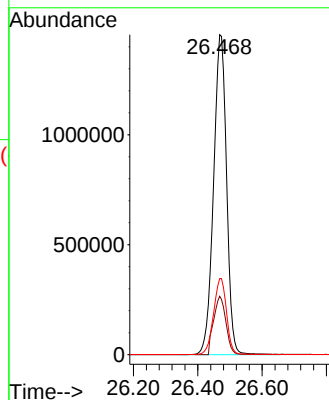
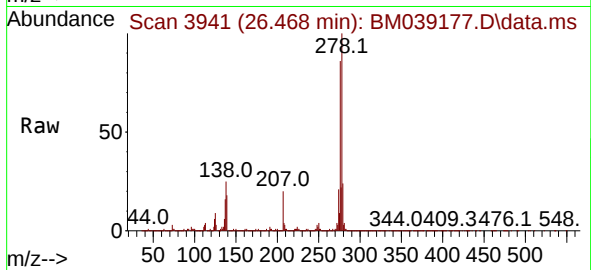
Tgt Ion:278 Resp: 4088859

Ion Ratio Lower Upper

278 100

139 18.3 13.7 20.5

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.759 ng

RT: 27.232 min Scan# 4071

Delta R.T. -0.012 min

Lab File: BM039177.D

Acq: 28 Mar 2023 13:35

Tgt Ion:276 Resp: 3894701

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 24.1 19.0 28.6

