

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039212.D
 Acq On : 29 Mar 2023 19:41
 Operator : CG/JU
 Sample : PB151623BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151623BS

Quant Time: Mar 30 05:55:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	235551	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	891826	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	484854	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	927005	20.000	ng	0.00
76) Chrysene-d12	21.503	240	708661	20.000	ng	0.00
86) Perylene-d12	23.921	264	718930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1798558	115.037	ng	0.00
7) Phenol-d6	7.098	99	2260253	111.771	ng	0.00
23) Nitrobenzene-d5	9.098	82	1363154	74.289	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	663739	107.842	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	2751970	76.903	ng	0.00
79) Terphenyl-d14	19.939	244	3212858	83.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	279292	43.704	ng	99
3) Pyridine	3.763	79	709556	39.634	ng	100
4) n-Nitrosodimethylamine	3.669	42	313901	44.645	ng	99
6) Aniline	7.251	93	984071	39.318	ng	100
8) 2-Chlorophenol	7.493	128	762985	47.680	ng	99
9) Benzaldehyde	7.063	77	480428	41.717	ng	99
10) Phenol	7.122	94	963323	47.535	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	755791	46.359	ng	99
12) 1,3-Dichlorobenzene	7.816	146	822777	48.483	ng	100
13) 1,4-Dichlorobenzene	7.963	146	833713	48.585	ng	99
14) 1,2-Dichlorobenzene	8.281	146	791761	48.254	ng	99
15) Benzyl Alcohol	8.175	79	638507	45.907	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	977630	46.882	ng	99
17) 2-Methylphenol	8.381	107	621991	43.869	ng	98
18) Hexachloroethane	9.010	117	323977	48.809	ng	99
19) n-Nitroso-di-n-propyla...	8.740	70	565888	43.776	ng	99
20) 3+4-Methylphenols	8.710	107	835148	43.835	ng	99
22) Acetophenone	8.757	105	1126700	47.251	ng	# 99
24) Nitrobenzene	9.140	77	830382	45.497	ng	99
25) Isophorone	9.669	82	1516274	44.294	ng	99
26) 2-Nitrophenol	9.851	139	403030	47.770	ng	97
27) 2,4-Dimethylphenol	9.916	122	682232	48.668	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	959601	46.308	ng	99
29) 2,4-Dichlorophenol	10.387	162	662569	48.443	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	702707	48.024	ng	97
31) Naphthalene	10.792	128	2218546	46.167	ng	100
32) Benzoic acid	10.069	122	487531	44.622	ng	100
33) 4-Chloroaniline	10.904	127	384197	18.249	ng	100
34) Hexachlorobutadiene	11.069	225	411834	47.866	ng	99
35) Caprolactam	11.698	113	200378	42.194	ng	96
36) 4-Chloro-3-methylphenol	12.033	107	686286	45.479	ng	99
37) 2-Methylnaphthalene	12.398	142	1461309	43.682	ng	99
38) 1-Methylnaphthalene	12.616	142	1352861	43.189	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	741133	50.205	ng	99
41) Hexachlorocyclopentadiene	12.739	237	1061748	131.654	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	493850	49.054	ng	99

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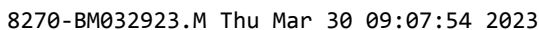
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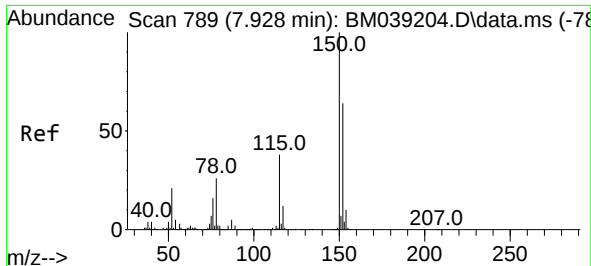
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	519288	43.999	ng	98
46) 1,1'-Biphenyl	13.410	154	1865300	48.718	ng	99
47) 2-Chloronaphthalene	13.451	162	1409897	48.633	ng	99
48) 2-Nitroaniline	13.657	65	435262	44.616	ng	98
49) Acenaphthylene	14.298	152	2190563	45.975	ng	99
50) Dimethylphthalate	14.033	163	1649880	44.154	ng	100
51) 2,6-Dinitrotoluene	14.157	165	361112	44.940	ng	100
52) Acenaphthene	14.639	154	1294133	45.998	ng	99
53) 3-Nitroaniline	14.480	138	234388	25.232	ng	96
54) 2,4-Dinitrophenol	14.692	184	470108	98.790	ng	98
55) Dibenzofuran	14.974	168	2035524	44.939	ng	100
56) 4-Nitrophenol	14.798	139	674853	94.211	ng	98
57) 2,4-Dinitrotoluene	14.939	165	490410	45.116	ng	96
58) Fluorene	15.621	166	1596030	44.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	430248	45.824	ng	100
60) Diethylphthalate	15.392	149	1625905	43.230	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	793812	44.657	ng	99
62) 4-Nitroaniline	15.645	138	384583	40.344	ng	99
63) Azobenzene	15.910	77	1691165	44.881	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	278508	45.668	ng	96
66) n-Nitrosodiphenylamine	15.827	169	1368151	46.836	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	466094	47.081	ng	99
68) Hexachlorobenzene	16.621	284	526400	49.039	ng	96
69) Atrazine	16.780	200	446919	48.305	ng	99
70) Pentachlorophenol	16.968	266	676939	87.898	ng	100
71) Phenanthrene	17.363	178	2320829	45.712	ng	99
72) Anthracene	17.451	178	2367610	45.734	ng	99
73) Carbazole	17.727	167	2177567	45.015	ng	99
74) Di-n-butylphthalate	18.286	149	2679755	44.782	ng	100
75) Fluoranthene	19.380	202	2482898	42.901	ng	99
77) Benzidine	19.562	184	1494222	79.939	ng	100
78) Pyrene	19.739	202	2589610	51.331	ng	100
80) Butylbenzylphthalate	20.639	149	1107723	47.928	ng	99
81) Benzo(a)anthracene	21.486	228	2300904	46.037	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	599009	35.978	ng	99
83) Chrysene	21.545	228	2163474	44.840	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1613187	47.260	ng	99
85) Di-n-octyl phthalate	22.345	149	2703193	43.955	ng	99
87) Indeno(1,2,3-cd)pyrene	26.433	276	2360319	44.559	ng	100
88) Benzo(b)fluoranthene	23.186	252	2247901	51.100	ng	99
89) Benzo(k)fluoranthene	23.233	252	2155940	48.115	ng	99
90) Benzo(a)pyrene	23.815	252	1906243	44.112	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	1988924	44.716	ng	99
92) Benzo(g,h,i)perylene	27.209	276	1908584	43.633	ng	100

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

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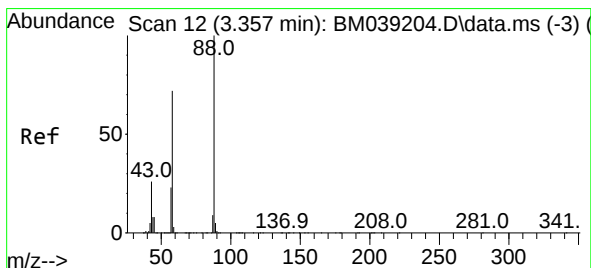
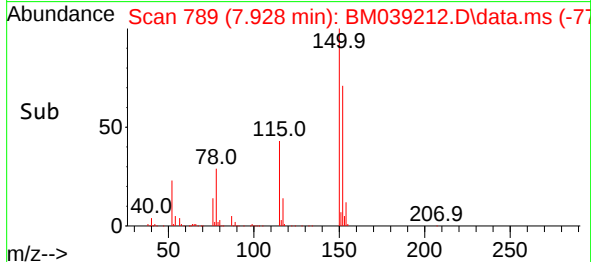
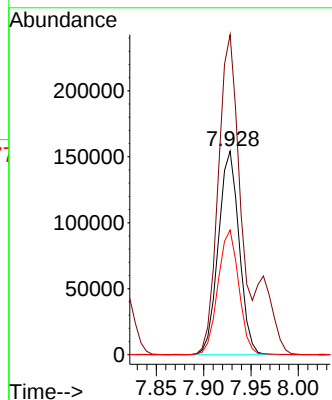
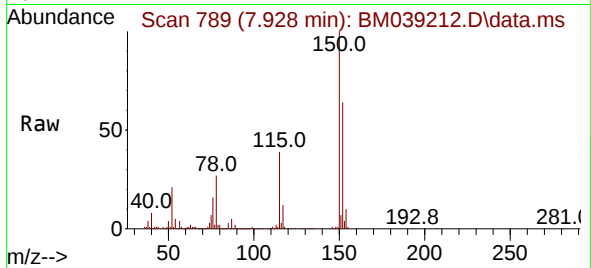




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 789
Delta R.T. -0.000 min
Lab File: BM039212.D
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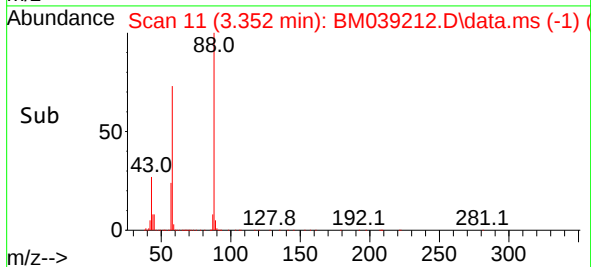
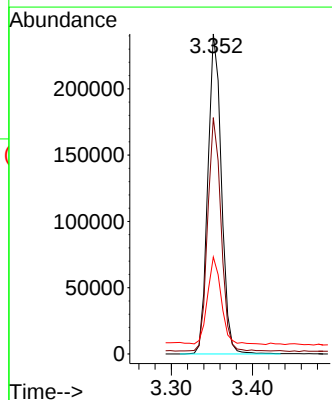
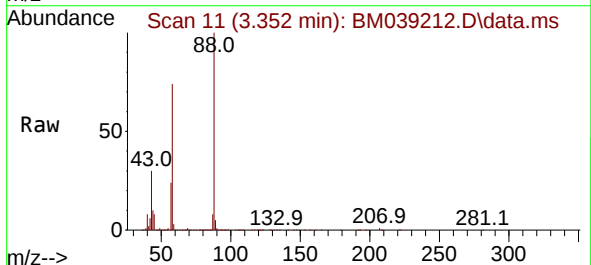
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ClientSampleId :
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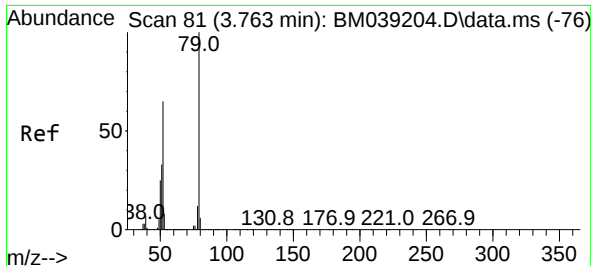
Tgt Ion:152 Resp: 235551
Ion Ratio Lower Upper
152 100
150 157.2 125.5 188.3
115 61.2 48.1 72.1



#2
1,4-Dioxane
Concen: 43.704 ng
RT: 3.352 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 88 Resp: 279292
Ion Ratio Lower Upper
88 100
58 71.7 57.9 86.9
43 27.7 21.4 32.2

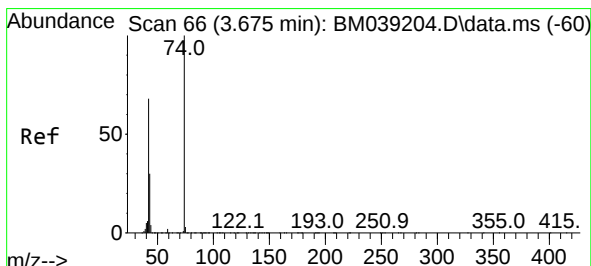
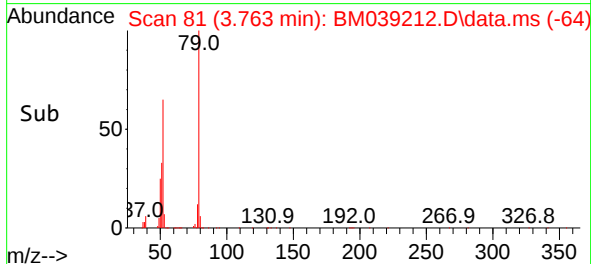
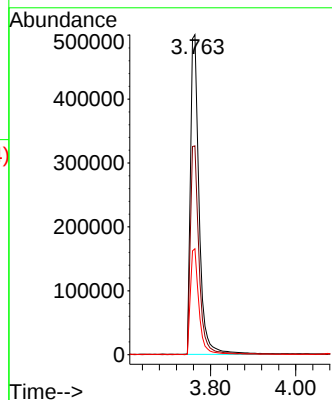
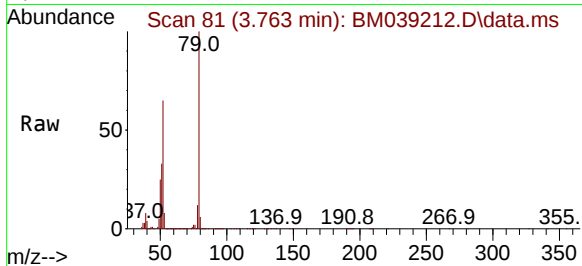




#3
 Pyridine
 Concen: 39.634 ng
 RT: 3.763 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM039212.D
 Acq: 29 Mar 2023 19:41

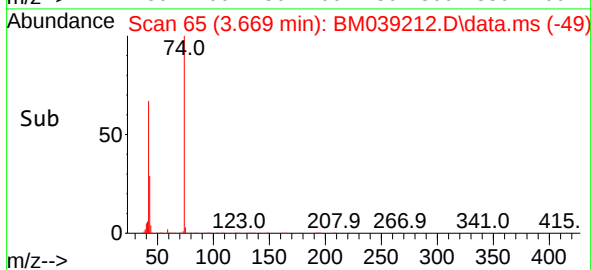
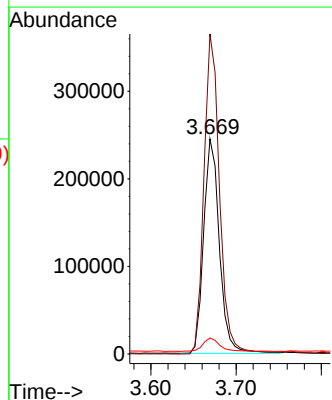
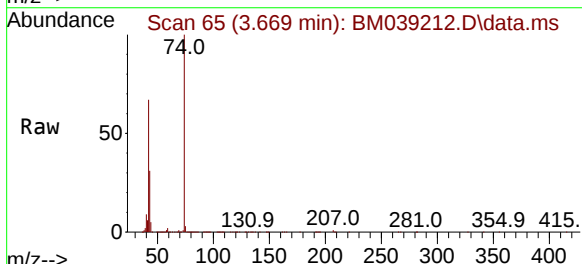
Instrument :
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 ClientSampleId :
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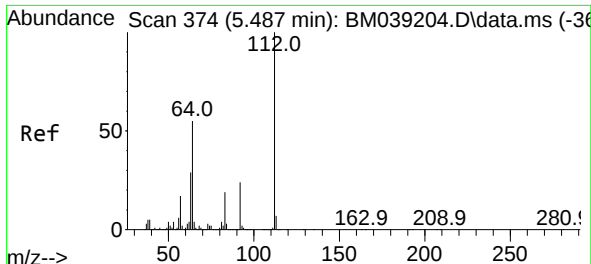
Tgt Ion: 79 Resp: 709556
 Ion Ratio Lower Upper
 79 100
 52 65.2 52.0 78.0
 51 33.1 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 44.645 ng
 RT: 3.669 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BM039212.D
 Acq: 29 Mar 2023 19:41

Tgt Ion: 42 Resp: 313901
 Ion Ratio Lower Upper
 42 100
 74 148.8 118.1 177.1
 44 7.4 6.3 9.5

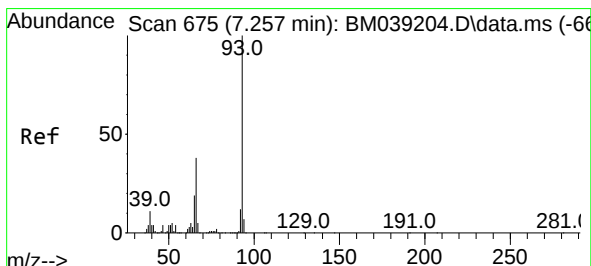
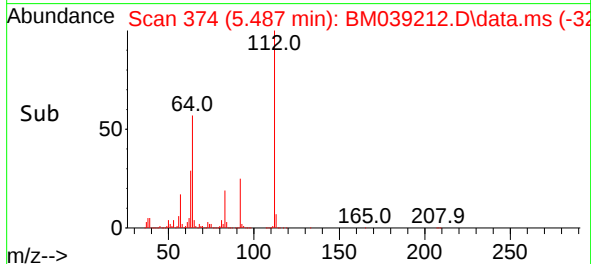
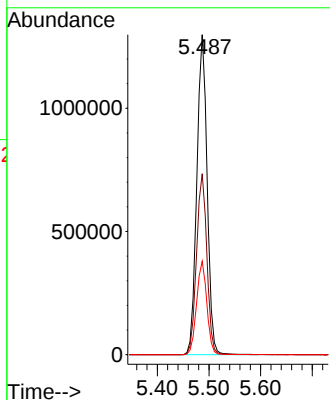
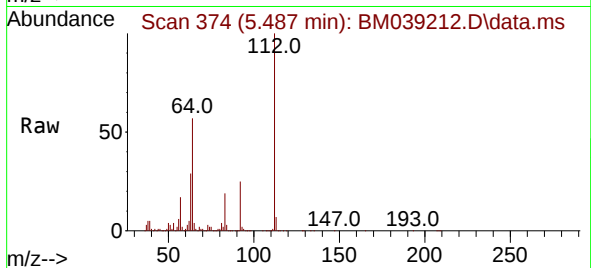




#5
2-Fluorophenol
Concen: 115.037 ng
RT: 5.487 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

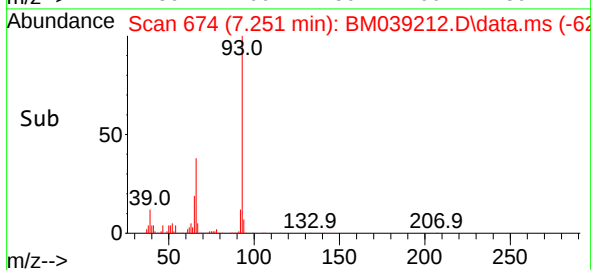
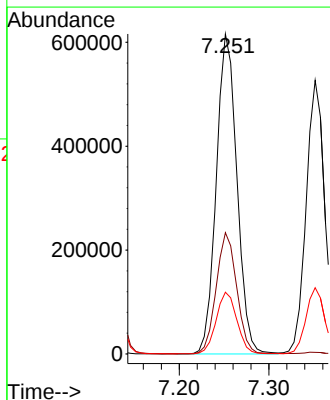
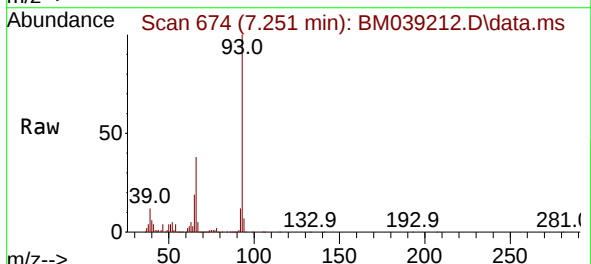
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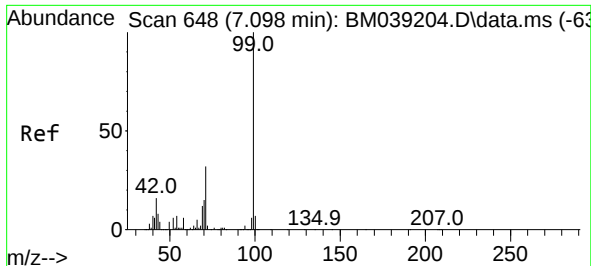
Tgt Ion:112 Resp: 1798558
Ion Ratio Lower Upper
112 100
64 56.6 44.3 66.5
63 29.2 23.0 34.6



#6
Aniline
Concen: 39.318 ng
RT: 7.251 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 93 Resp: 984071
Ion Ratio Lower Upper
93 100
66 37.9 30.1 45.1
65 19.3 15.5 23.3



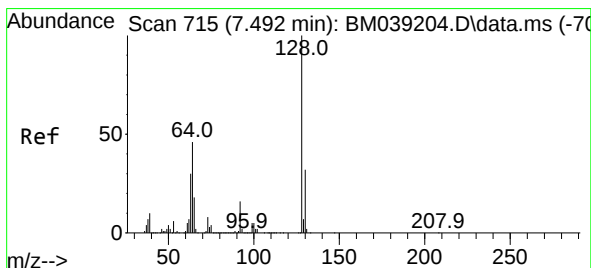
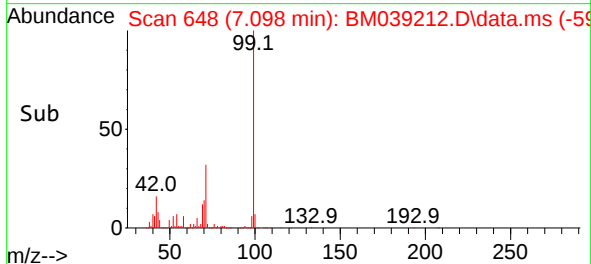
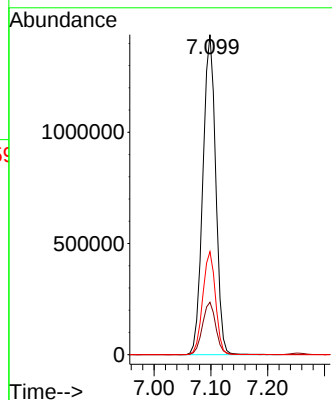
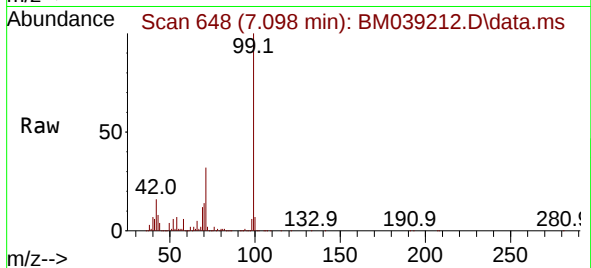


#7
Phenol-d6
Concen: 111.771 ng
RT: 7.098 min Scan# 648
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Instrument :
BNA_M
ClientSampleId :
PB151623BS

Tgt Ion: 99 Resp: 2260253

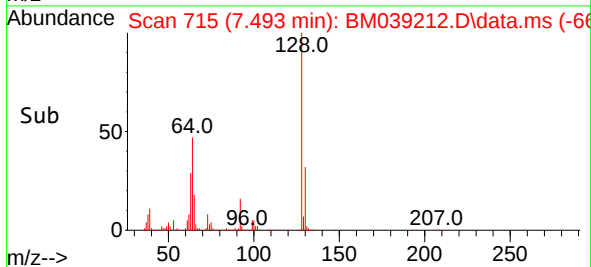
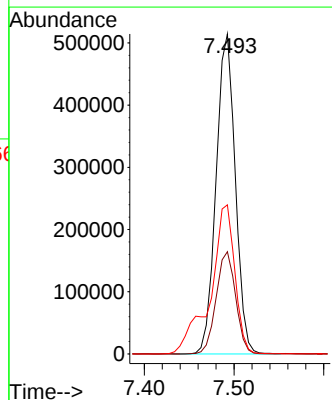
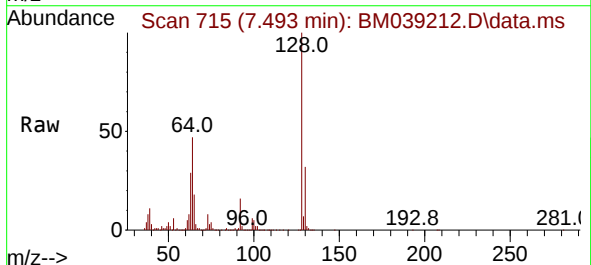
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.6
71	32.2	25.5	38.3

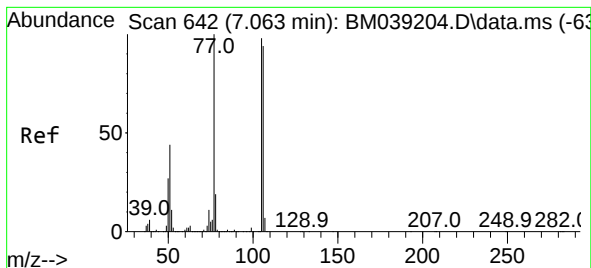


#8
2-Chlorophenol
Concen: 47.680 ng
RT: 7.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:128 Resp: 762985

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.2	52.2
64	46.6	25.9	65.9





#9

Benzaldehyde

Concen: 41.717 ng

RT: 7.063 min Scan# 642

Delta R.T. 0.000 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Instrument :

BNA_M

ClientSampleId :

PB151623BS

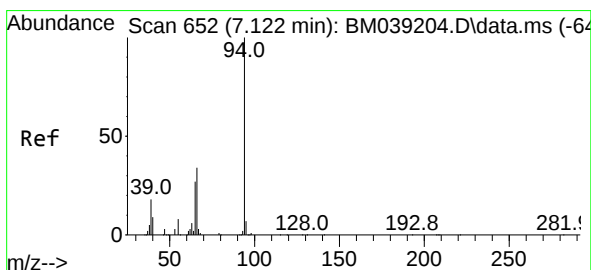
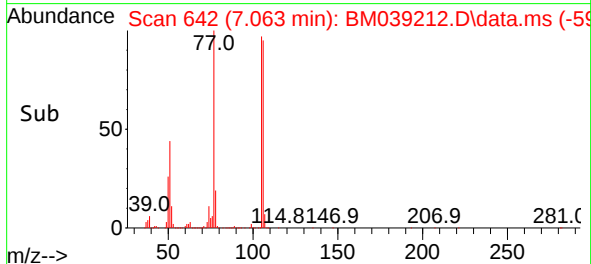
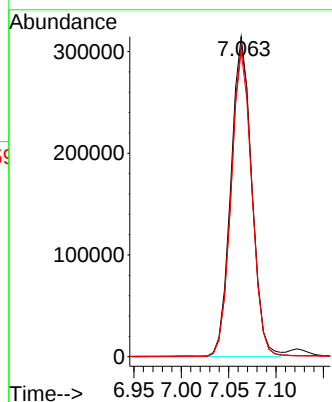
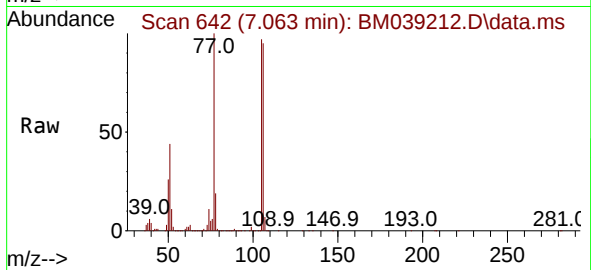
Tgt Ion: 77 Resp: 480428

Ion Ratio Lower Upper

77 100

105 97.4 78.2 118.2

106 95.3 73.8 113.8



#10

Phenol

Concen: 47.535 ng

RT: 7.122 min Scan# 652

Delta R.T. 0.000 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

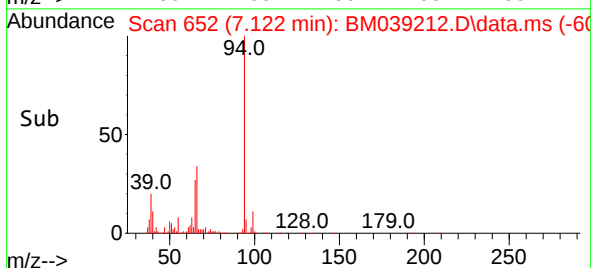
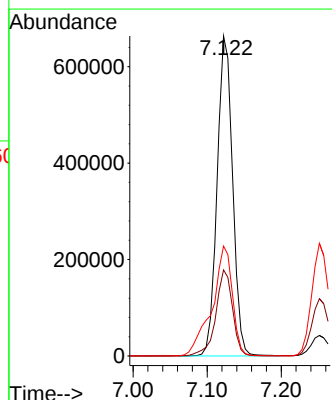
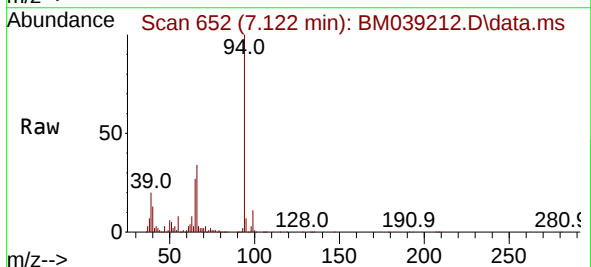
Tgt Ion: 94 Resp: 963323

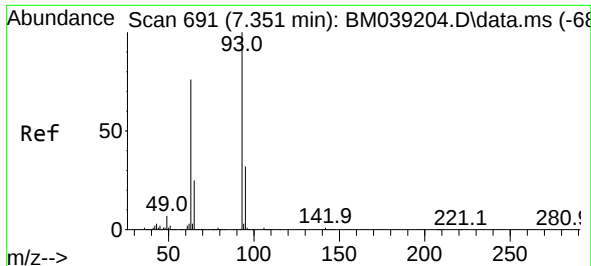
Ion Ratio Lower Upper

94 100

65 26.9 7.2 47.2

66 34.4 15.2 55.2

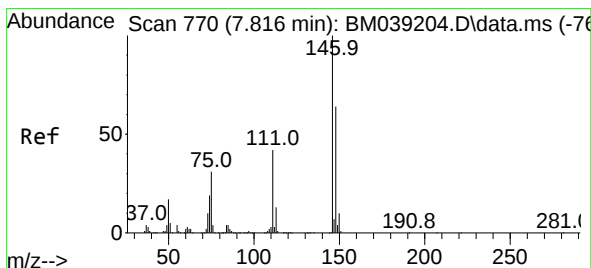
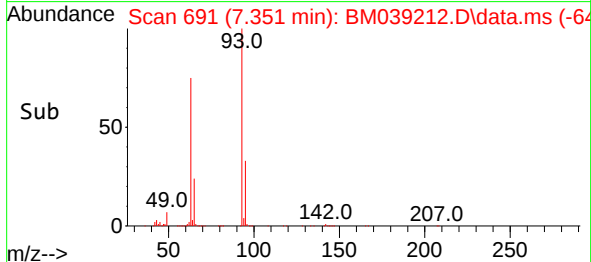
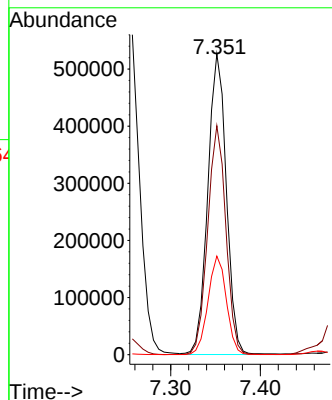
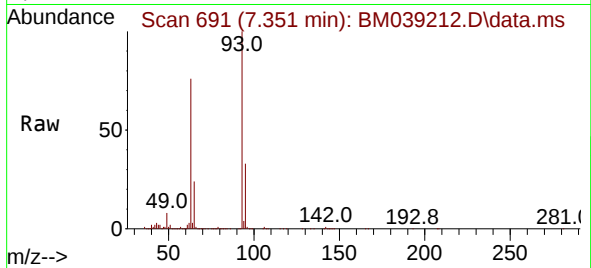




#11
bis(2-Chloroethyl)ether
Concen: 46.359 ng
RT: 7.351 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

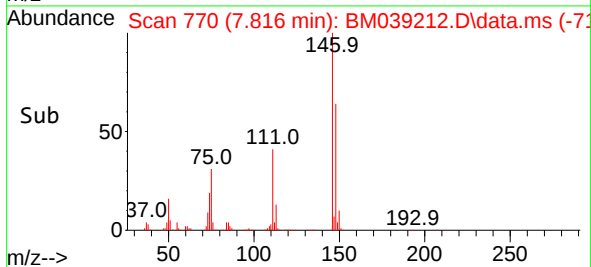
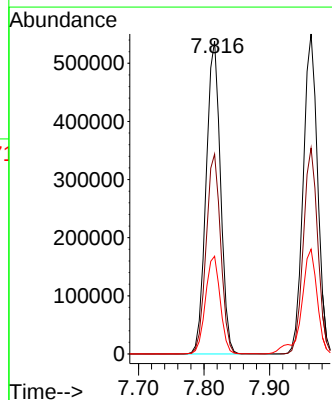
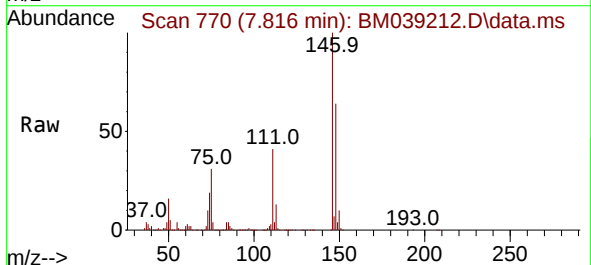
Instrument :
BNA_M
ClientSampleId :
PB151623BS

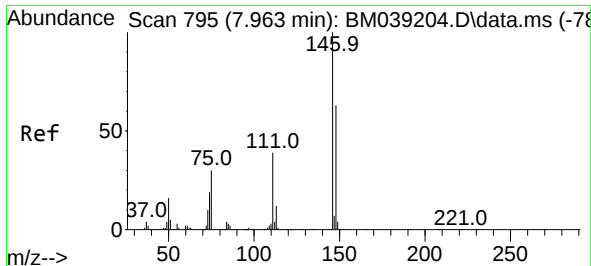
Tgt Ion: 93 Resp: 755791
Ion Ratio Lower Upper
93 100
63 76.1 55.5 95.5
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.483 ng
RT: 7.816 min Scan# 770
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 146 Resp: 822777
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 31.3 25.2 37.8

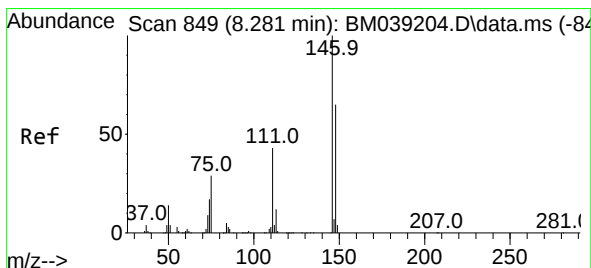
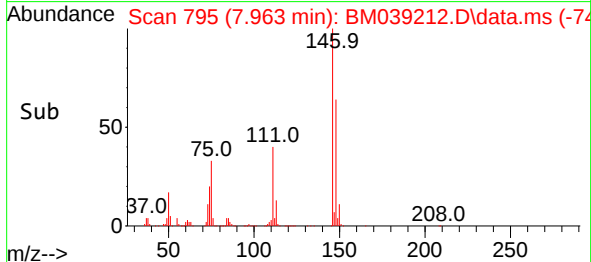
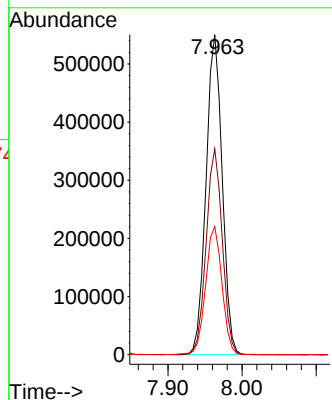
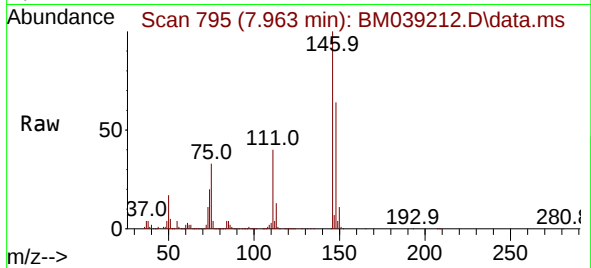




#13
1,4-Dichlorobenzene
Concen: 48.585 ng
RT: 7.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

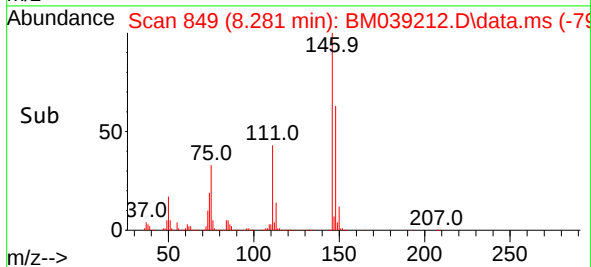
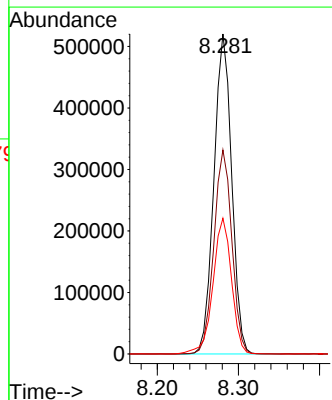
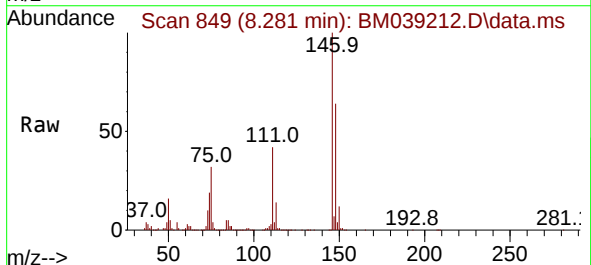
Instrument :
BNA_M
ClientSampleId :
PB151623BS

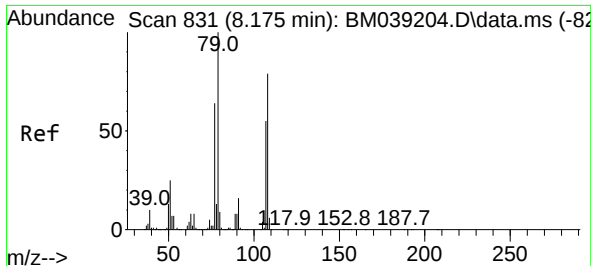
Tgt Ion:146 Resp: 833713
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 40.1 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 48.254 ng
RT: 8.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:146 Resp: 791761
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
111 42.4 34.5 51.7

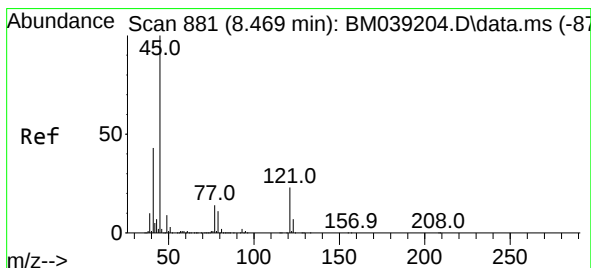
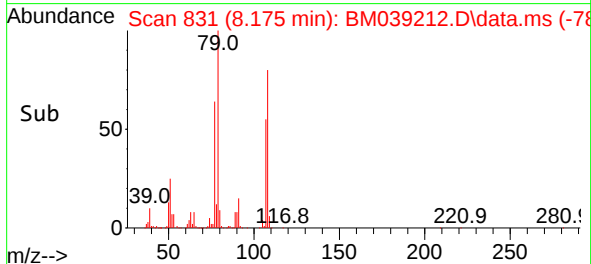
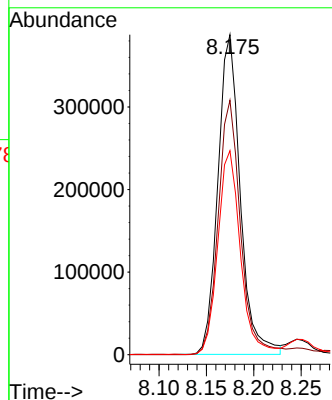
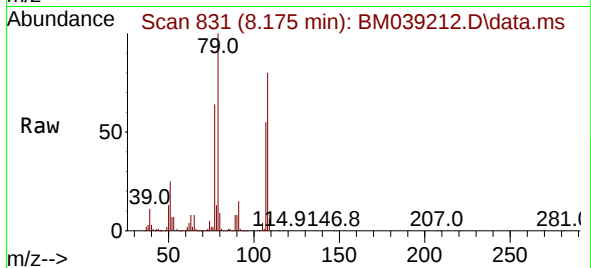




#15
Benzyl Alcohol
Concen: 45.907 ng
RT: 8.175 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

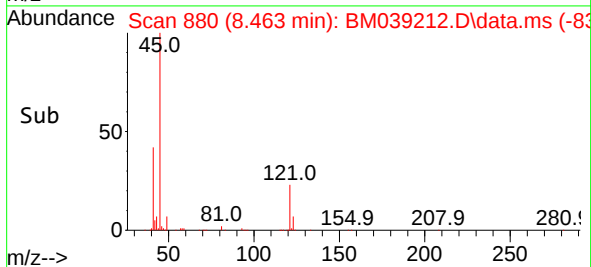
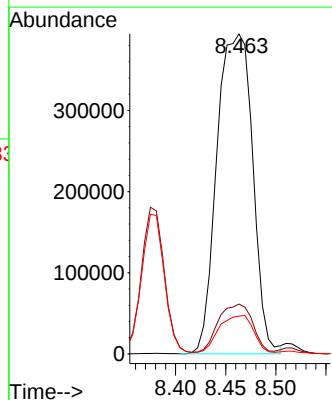
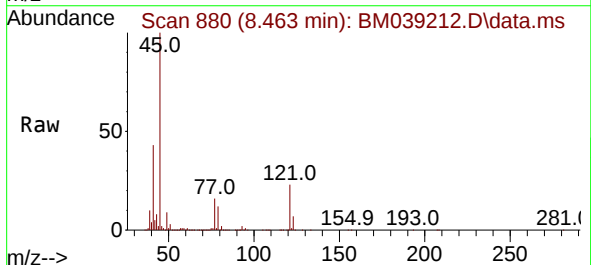
Instrument :
BNA_M
ClientSampleId :
PB151623BS

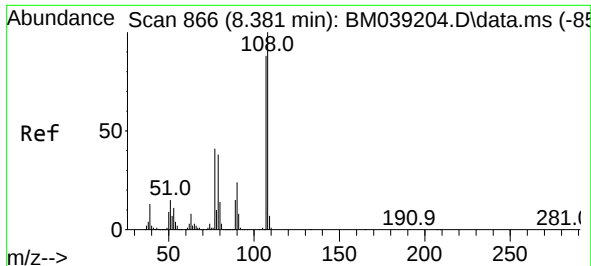
Tgt Ion: 79 Resp: 638507
Ion Ratio Lower Upper
79 100
108 79.5 63.4 95.0
77 63.8 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.882 ng
RT: 8.463 min Scan# 880
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 45 Resp: 977630
Ion Ratio Lower Upper
45 100
77 15.6 0.0 35.1
79 11.8 0.0 32.2

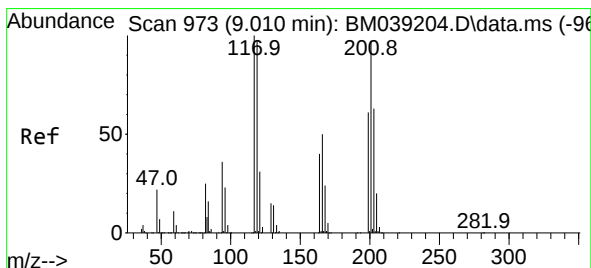
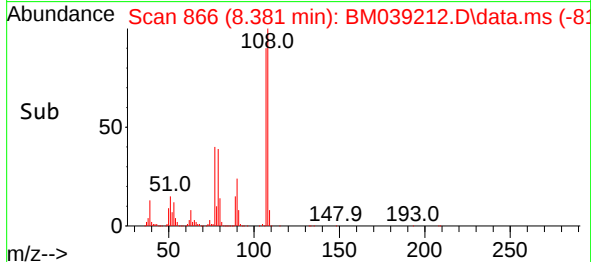
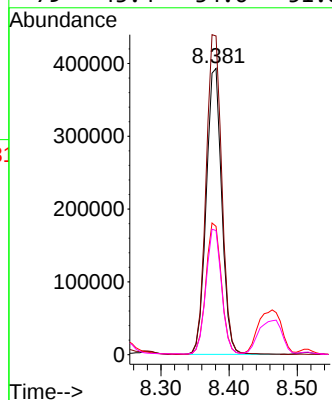
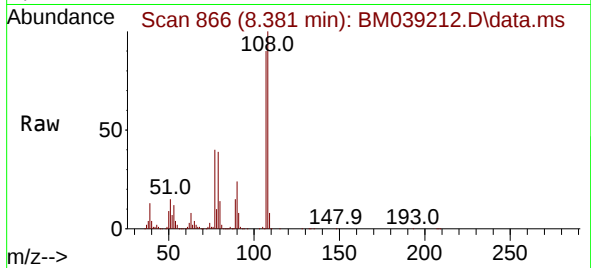




#17
2-Methylphenol
Concen: 43.869 ng
RT: 8.381 min Scan# 866
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

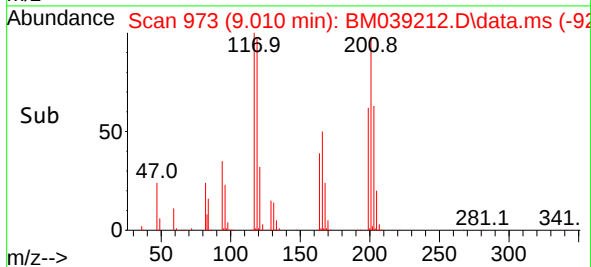
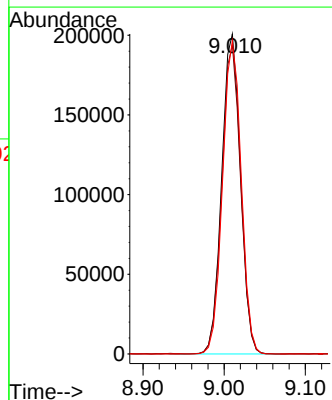
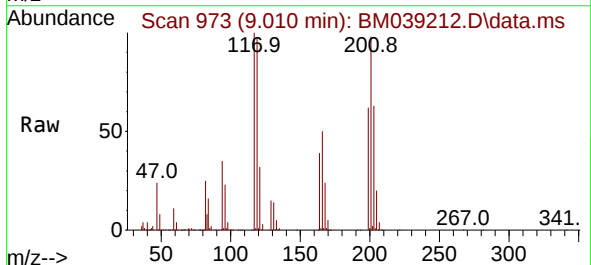
Instrument :
BNA_M
ClientSampleId :
PB151623BS

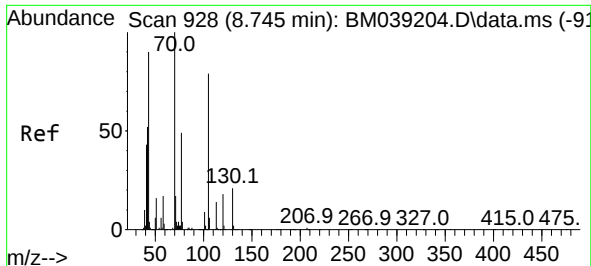
Tgt Ion:107 Resp: 621991
Ion Ratio Lower Upper
107 100
108 111.3 90.6 136.0
77 44.8 37.0 55.4
79 43.4 34.6 51.8



#18
Hexachloroethane
Concen: 48.809 ng
RT: 9.010 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:117 Resp: 323977
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.8
201 98.0 77.3 115.9

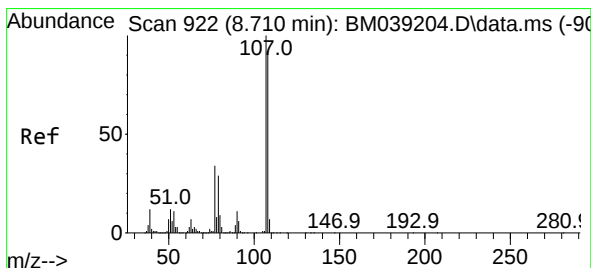
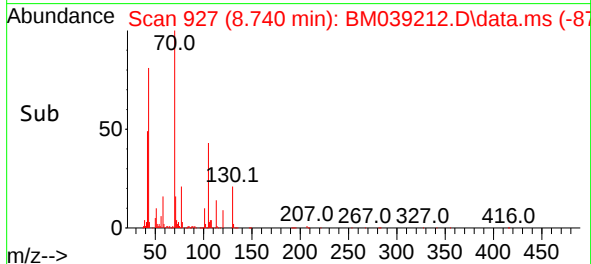
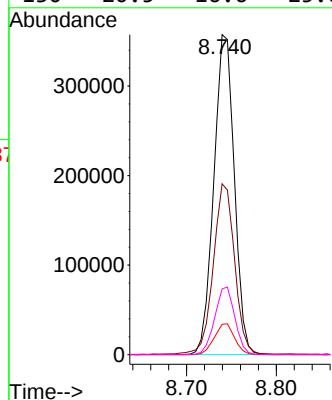
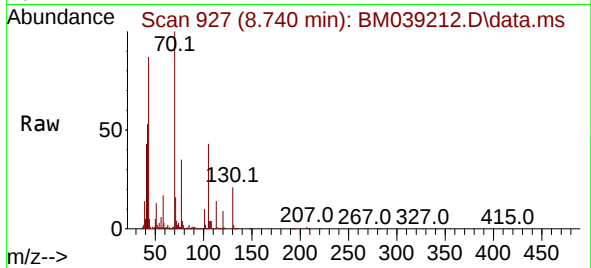




#19
n-Nitroso-di-n-propylamine
Concen: 43.776 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

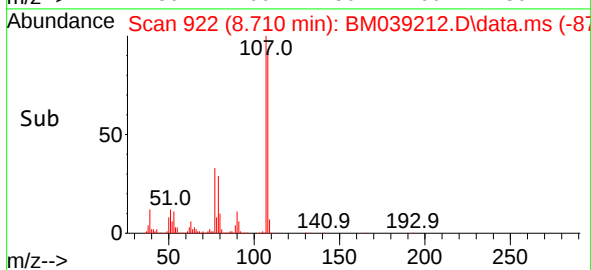
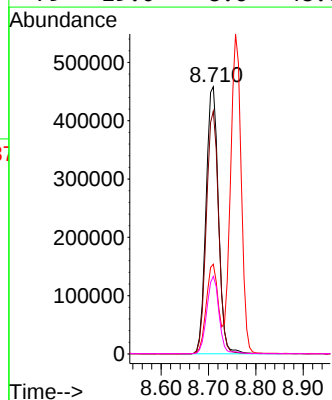
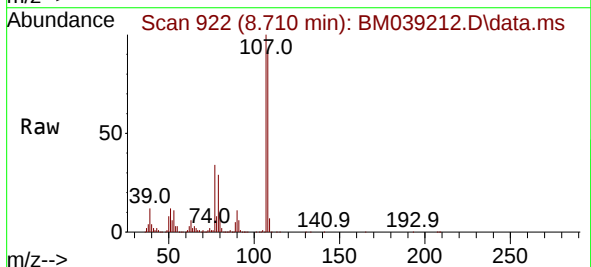
Instrument :
BNA_M
ClientSampleId :
PB151623BS

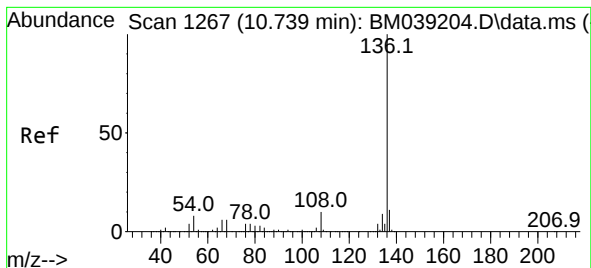
Tgt Ion: 70 Resp: 565888
Ion Ratio Lower Upper
70 100
42 53.4 42.2 63.2
101 9.5 7.6 11.4
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.835 ng
RT: 8.710 min Scan# 922
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 107 Resp: 835148
Ion Ratio Lower Upper
107 100
108 90.8 72.1 112.1
77 33.6 13.7 53.7
79 29.0 8.6 48.6



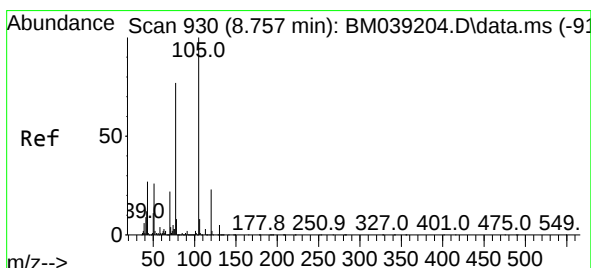
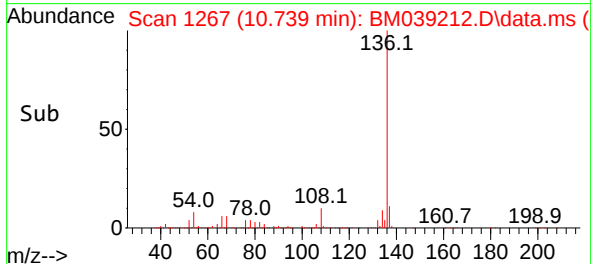
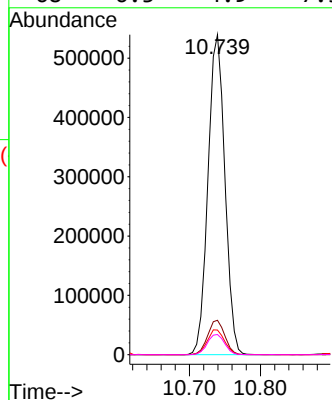
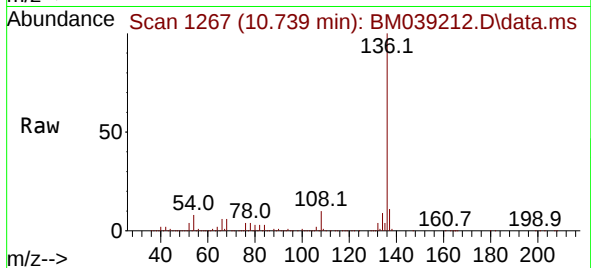


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Instrument :
BNA_M
ClientSampleId :
PB151623BS

Tgt Ion:136 Resp: 891826

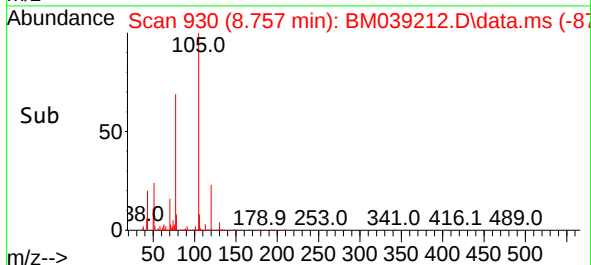
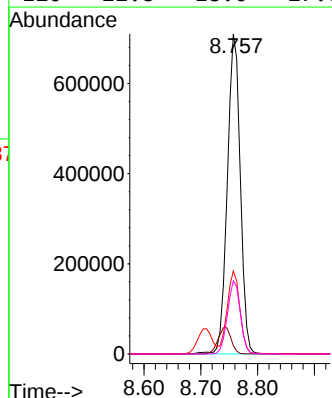
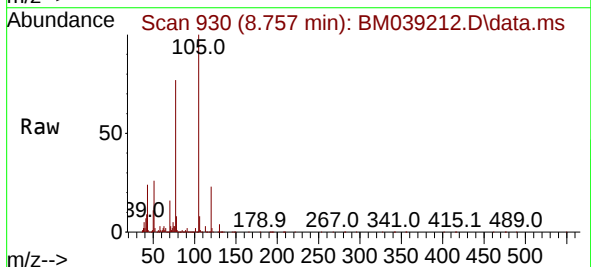
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.2	9.4
68	6.3	4.9	7.3

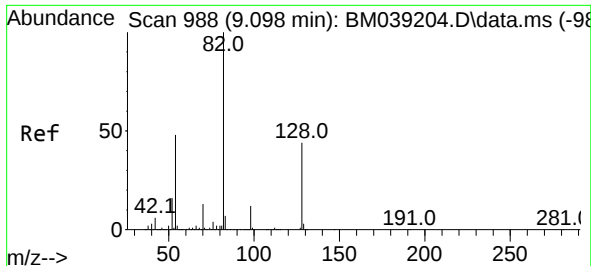


#22
Acetophenone
Concen: 47.251 ng
RT: 8.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:105 Resp: 1126700

Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.8	4.2#
51	26.0	20.6	31.0
120	22.8	18.0	27.0

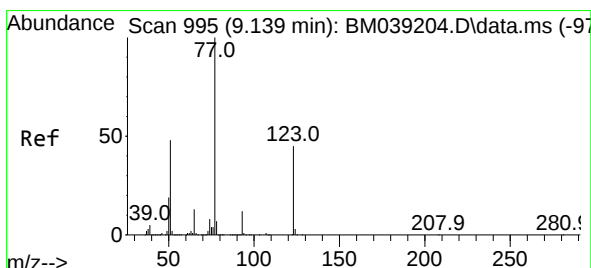
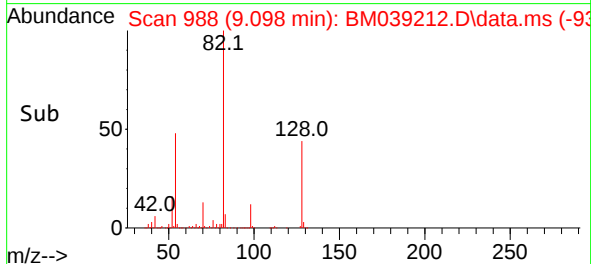
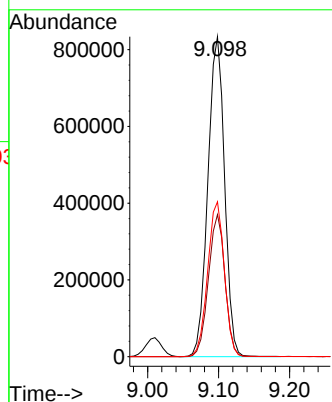
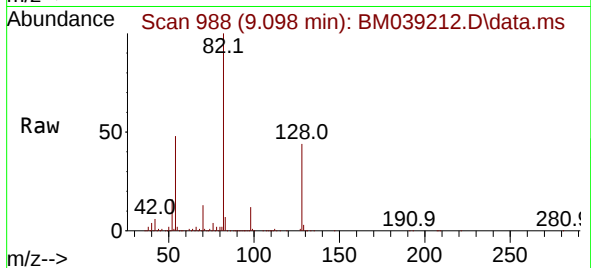




#23
Nitrobenzene-d5
Concen: 74.289 ng
RT: 9.098 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

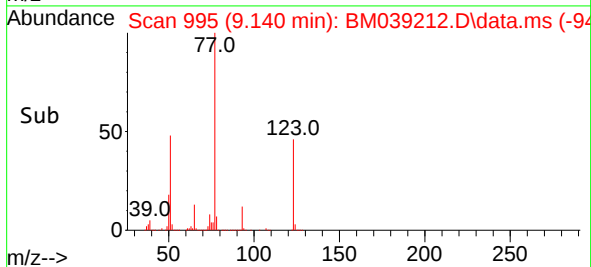
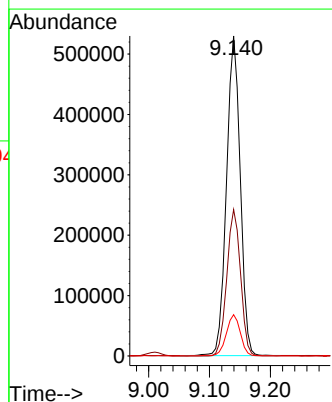
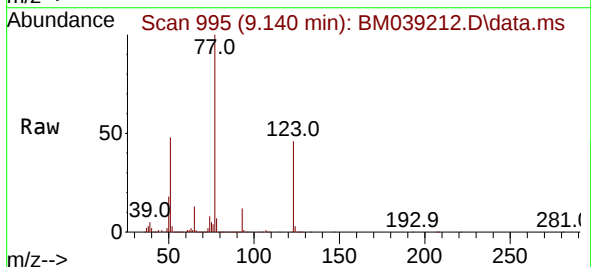
Instrument :
BNA_M
ClientSampleId :
PB151623BS

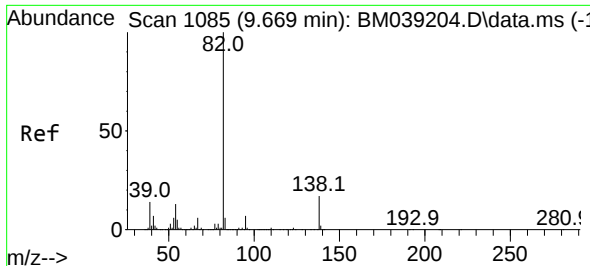
Tgt Ion: 82 Resp: 1363154
Ion Ratio Lower Upper
82 100
128 44.4 35.1 52.7
54 48.4 38.5 57.7



#24
Nitrobenzene
Concen: 45.497 ng
RT: 9.140 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 77 Resp: 830382
Ion Ratio Lower Upper
77 100
123 45.7 36.2 54.2
65 12.9 10.6 15.8

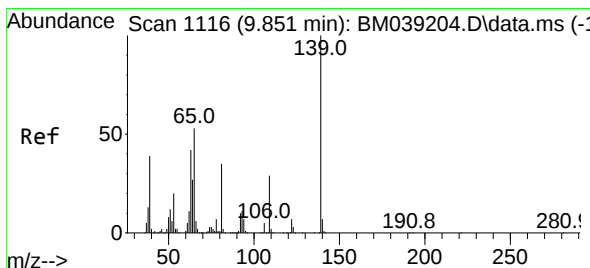
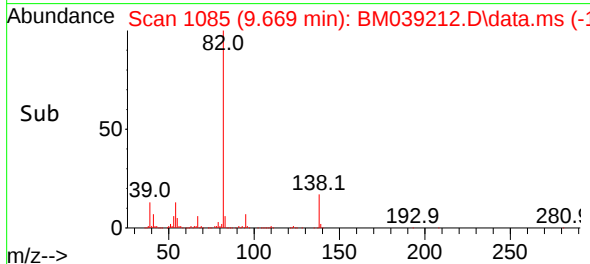
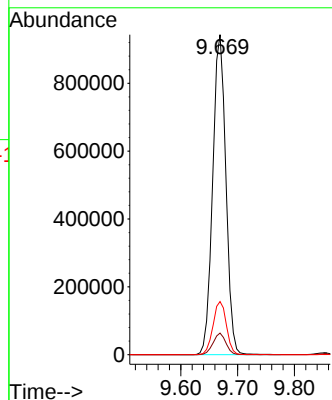
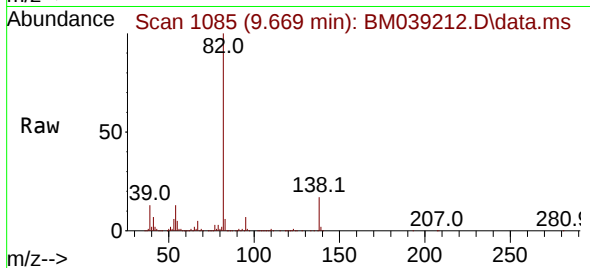




#25
Isophorone
Concen: 44.294 ng
RT: 9.669 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

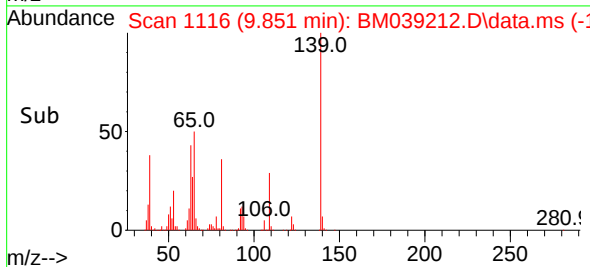
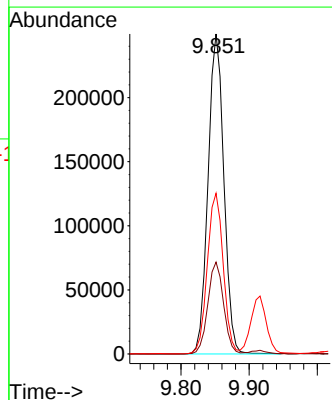
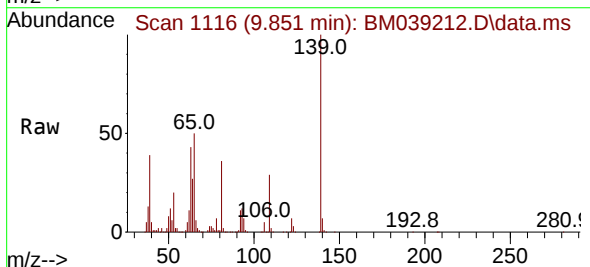
Instrument :
BNA_M
ClientSampleId :
PB151623BS

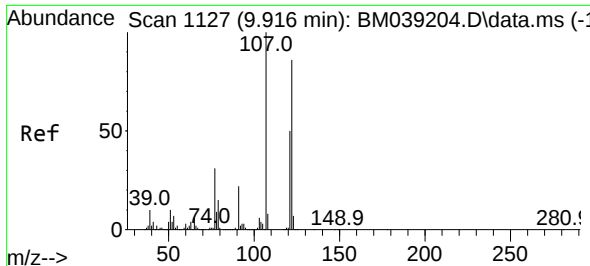
Tgt Ion: 82 Resp: 1516274
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 16.6 13.5 20.3



#26
2-Nitrophenol
Concen: 47.770 ng
RT: 9.851 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 139 Resp: 403030
Ion Ratio Lower Upper
139 100
109 28.7 23.4 35.0
65 50.2 42.2 63.2

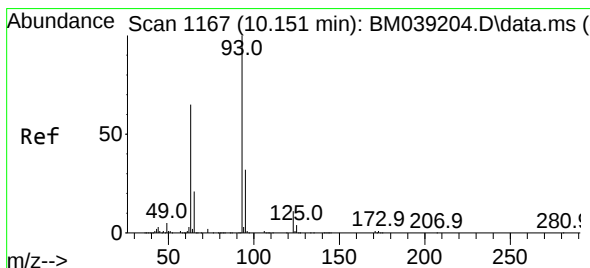
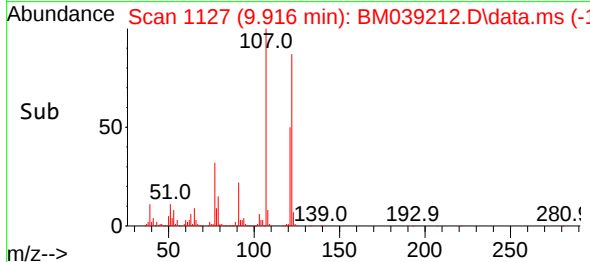
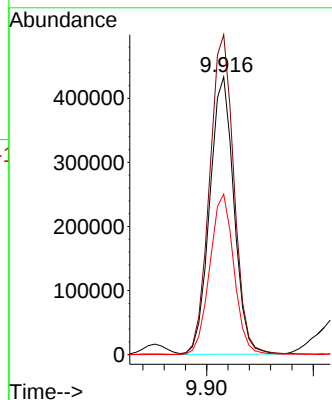
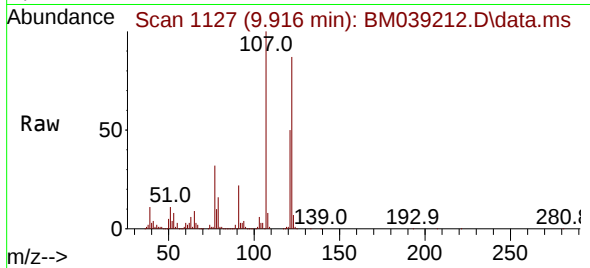




#27
2,4-Dimethylphenol
Concen: 48.668 ng
RT: 9.916 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

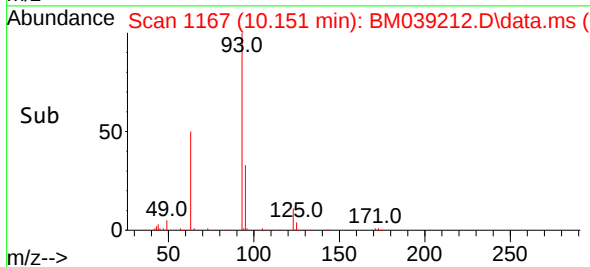
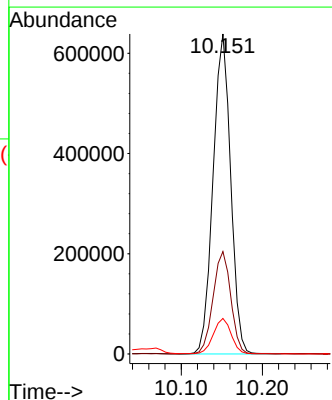
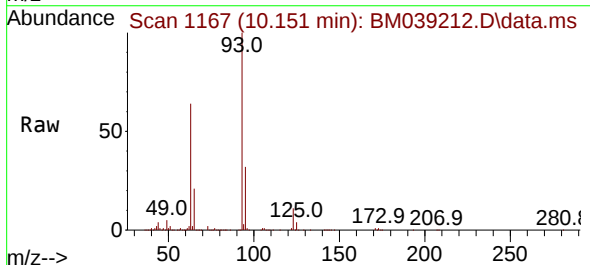
Instrument :
BNA_M
ClientSampleId :
PB151623BS

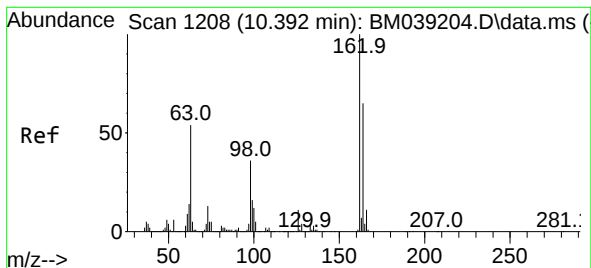
Tgt Ion:122 Resp: 682232
Ion Ratio Lower Upper
122 100
107 115.2 92.3 138.5
121 57.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 46.308 ng
RT: 10.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 93 Resp: 959601
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 11.1 9.1 13.7

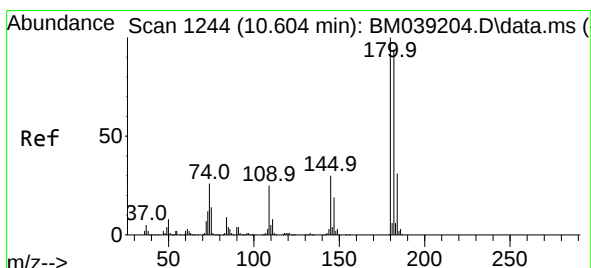
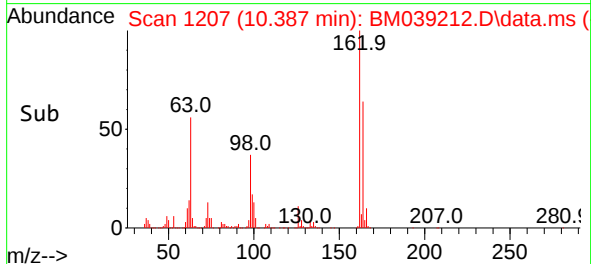
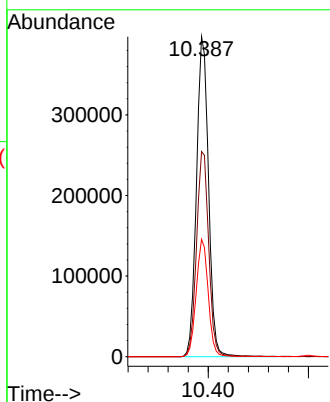
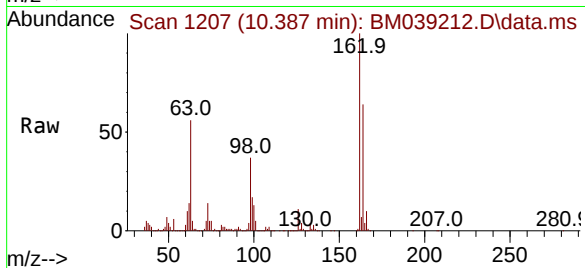




#29
2,4-Dichlorophenol
Concen: 48.443 ng
RT: 10.387 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

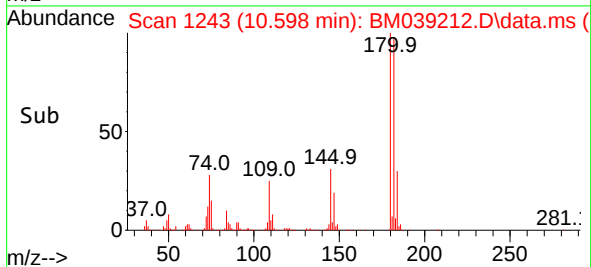
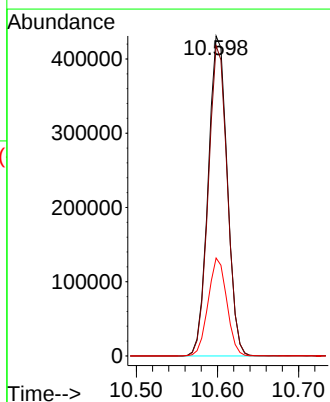
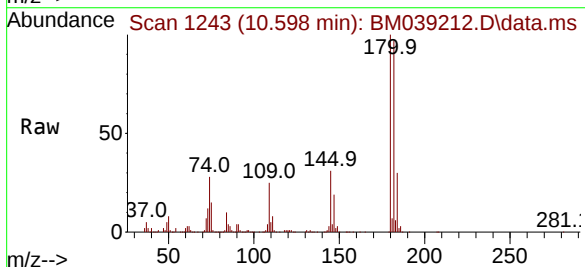
Instrument :
BNA_M
ClientSampleId :
PB151623BS

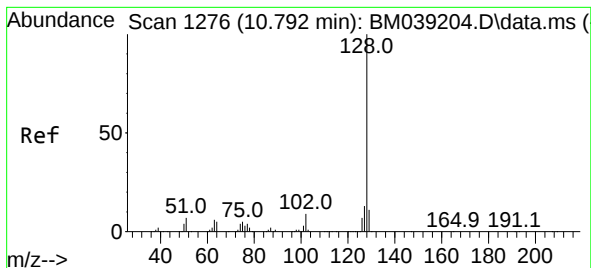
Tgt Ion:162 Resp: 662569
Ion Ratio Lower Upper
162 100
164 64.1 44.8 84.8
98 36.7 16.0 56.0



#30
1,2,4-Trichlorobenzene
Concen: 48.024 ng
RT: 10.598 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:180 Resp: 702707
Ion Ratio Lower Upper
180 100
182 97.0 75.2 112.8
145 30.6 23.9 35.9

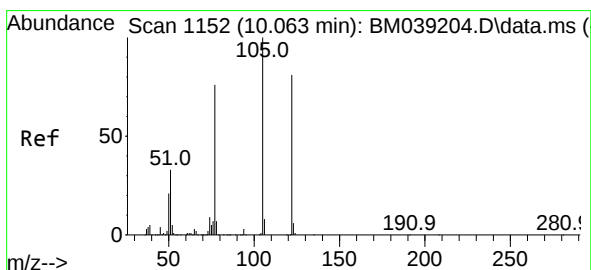
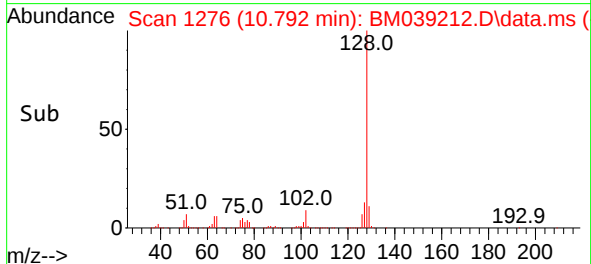
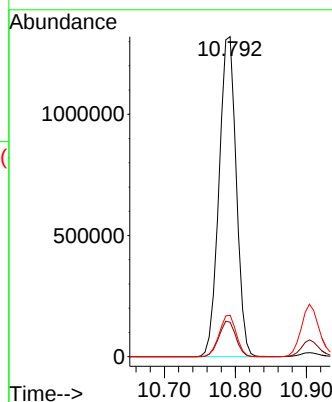
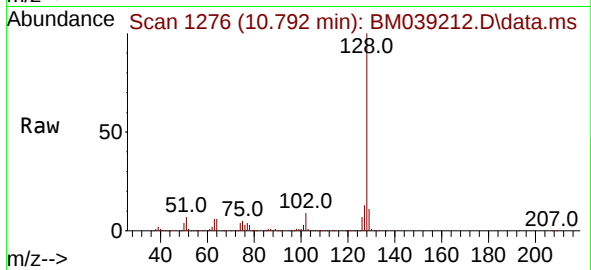




#31
Naphthalene
Concen: 46.167 ng
RT: 10.792 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

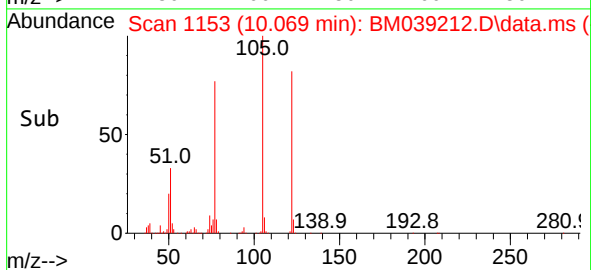
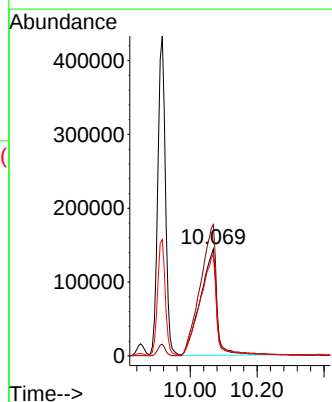
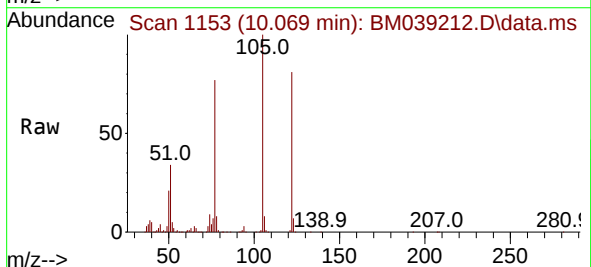
Instrument :
BNA_M
ClientSampleId :
PB151623BS

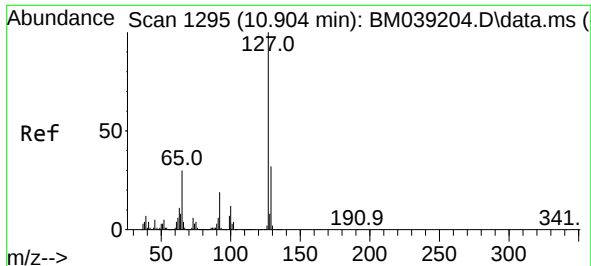
Tgt Ion:128 Resp: 2218546
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 44.622 ng
RT: 10.069 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:122 Resp: 487531
Ion Ratio Lower Upper
122 100
105 122.9 103.1 143.1
77 94.8 74.6 114.6

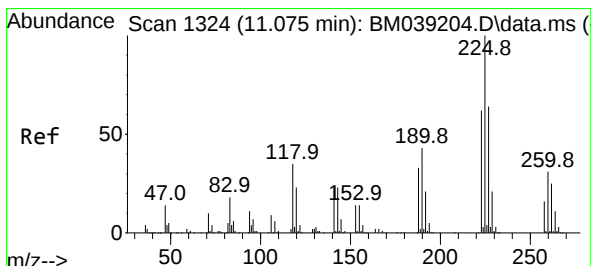
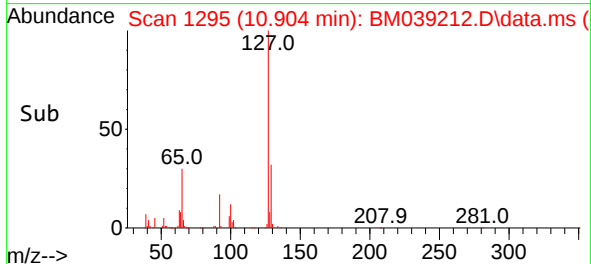
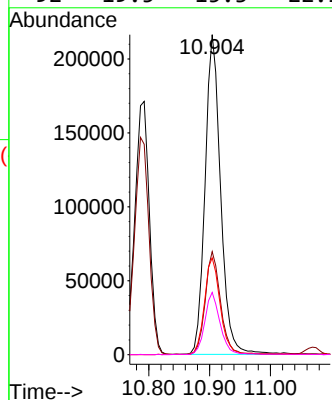
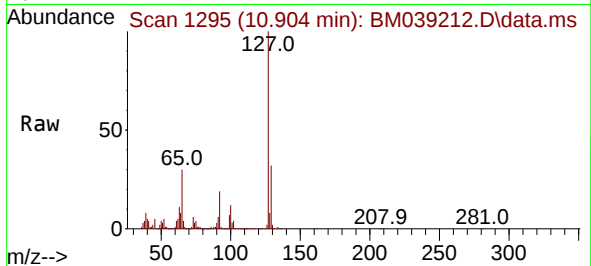




#33
4-Chloroaniline
Concen: 18.249 ng
RT: 10.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

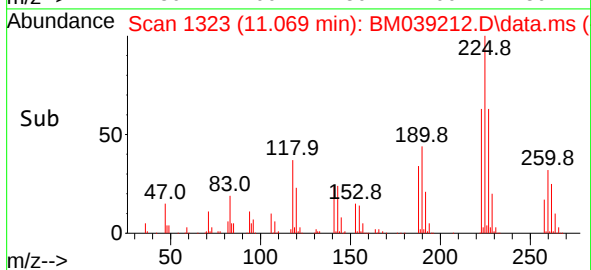
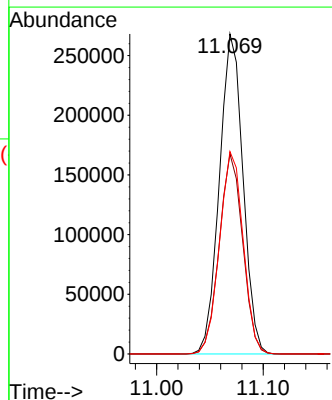
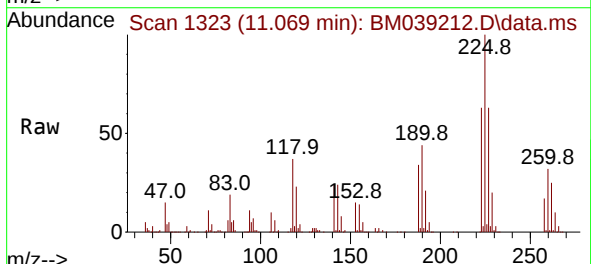
Instrument :
BNA_M
ClientSampleId :
PB151623BS

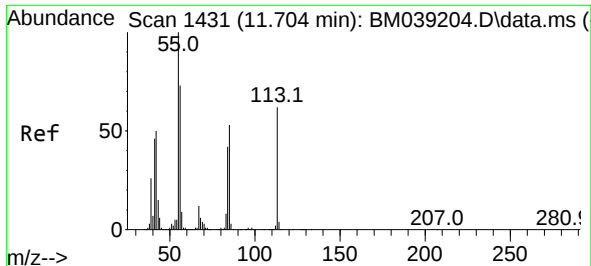
Tgt Ion:	127	Resp:	384197
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	30.2	24.1	36.1
92	19.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 47.866 ng
RT: 11.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:	225	Resp:	411834
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	63.2	51.6	77.4

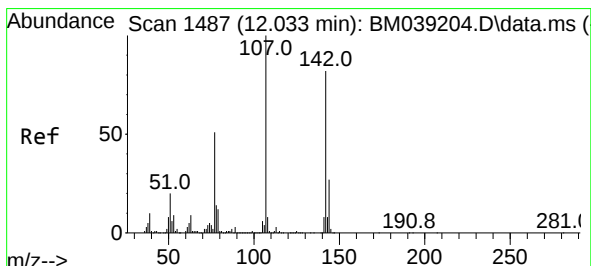
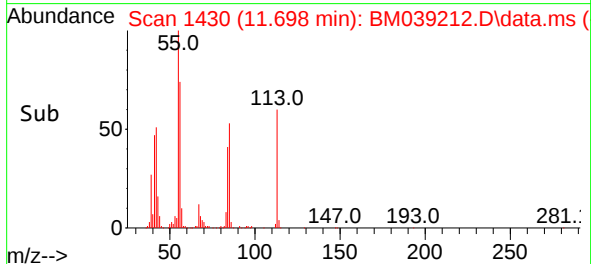
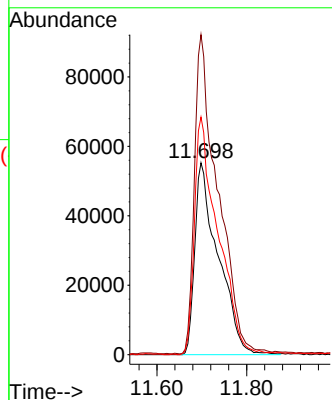
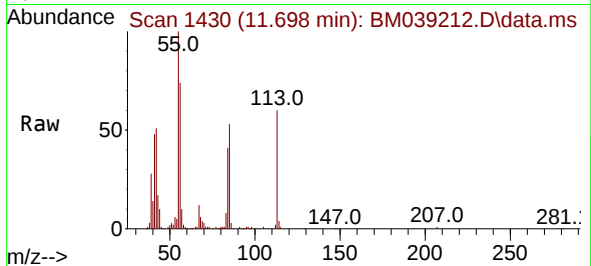




#35
Caprolactam
Concen: 42.194 ng
RT: 11.698 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

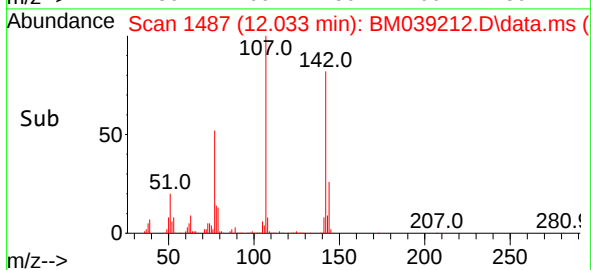
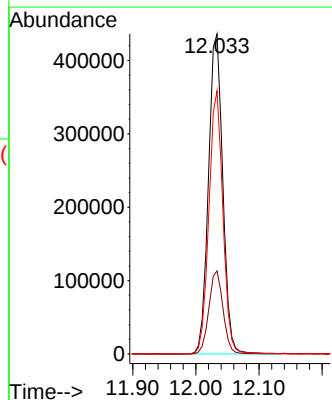
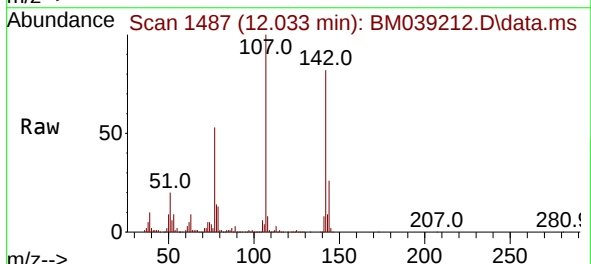
Instrument :
BNA_M
ClientSampleId :
PB151623BS

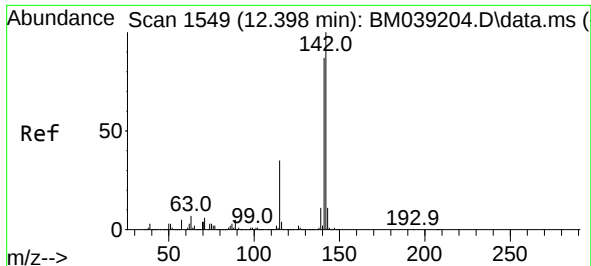
Tgt Ion:113 Resp: 200378
Ion Ratio Lower Upper
113 100
55 166.7 141.8 181.8
56 123.8 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 45.479 ng
RT: 12.033 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:107 Resp: 686286
Ion Ratio Lower Upper
107 100
144 25.9 21.4 32.2
142 82.3 65.2 97.8





#37

2-Methylnaphthalene

Concen: 43.682 ng

RT: 12.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Instrument :

BNA_M

ClientSampleId :

PB151623BS

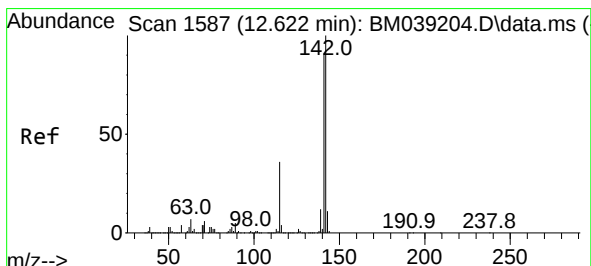
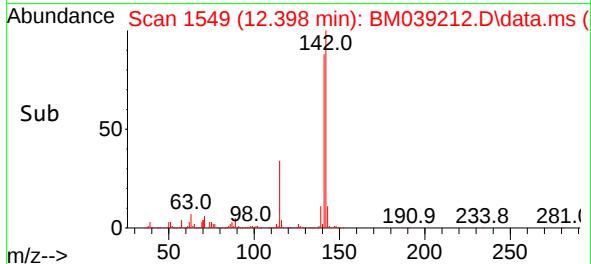
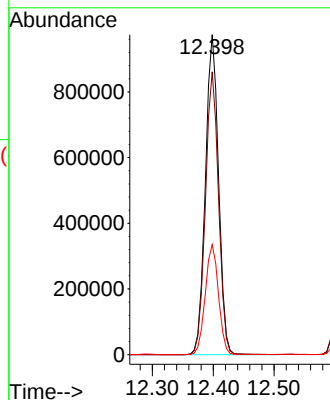
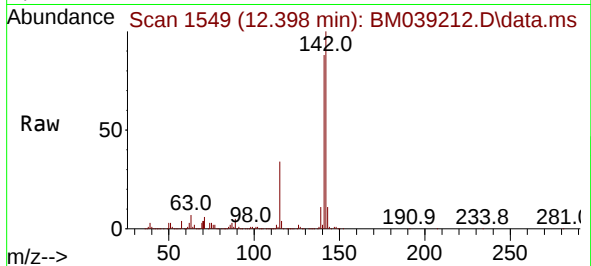
Tgt Ion:142 Resp: 1461309

Ion Ratio Lower Upper

142 100

141 88.4 69.8 104.8

115 34.4 27.8 41.8



#38

1-Methylnaphthalene

Concen: 43.189 ng

RT: 12.616 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

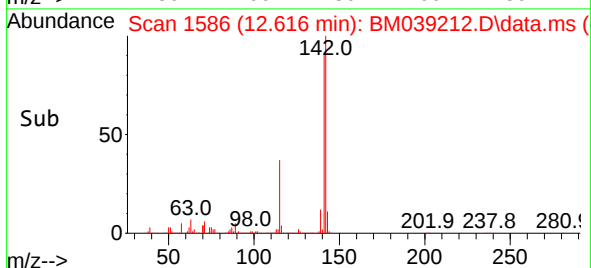
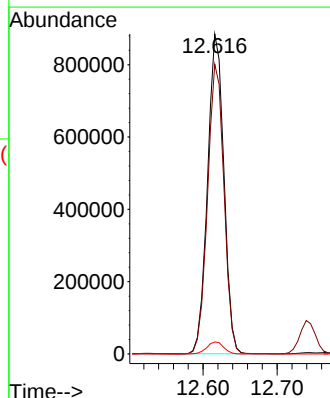
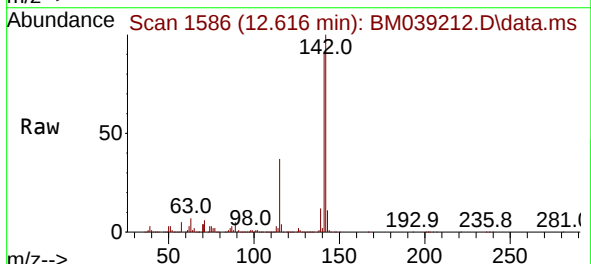
Tgt Ion:142 Resp: 1352861

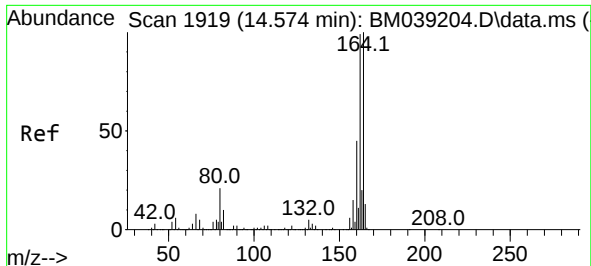
Ion Ratio Lower Upper

142 100

141 90.6 73.2 109.8

116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1919

Delta R.T. 0.001 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Instrument :

BNA_M

ClientSampleId :

PB151623BS

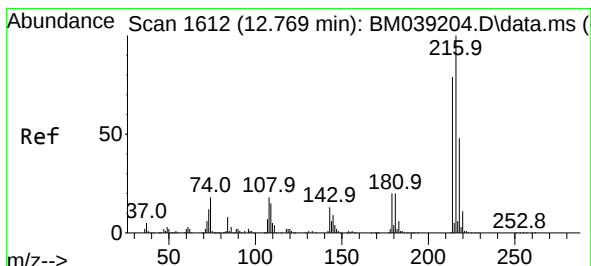
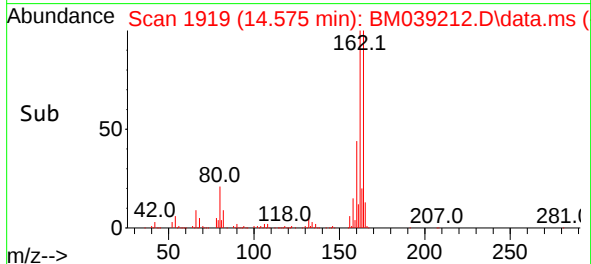
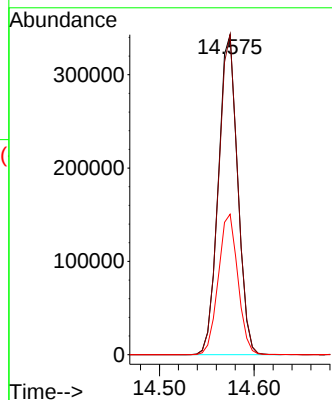
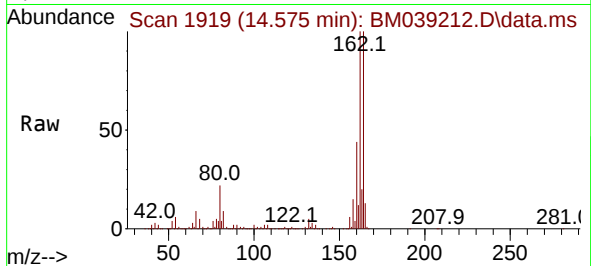
Tgt Ion:164 Resp: 484854

Ion Ratio Lower Upper

164 100

162 100.0 79.1 118.7

160 43.9 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.205 ng

RT: 12.769 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Tgt Ion:216 Resp: 741133

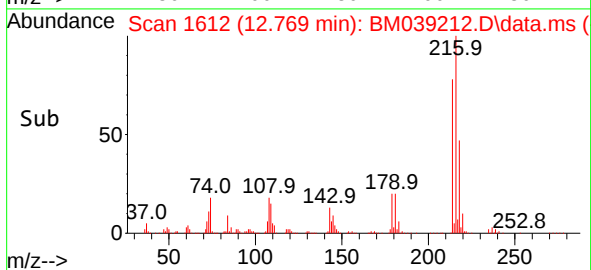
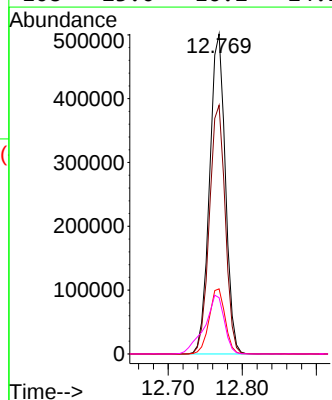
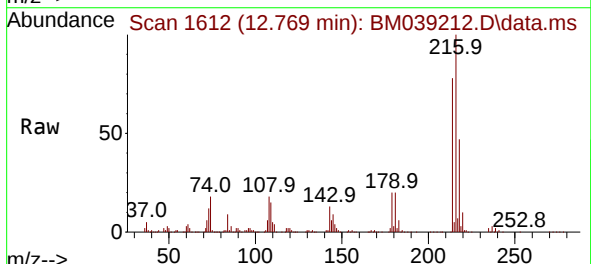
Ion Ratio Lower Upper

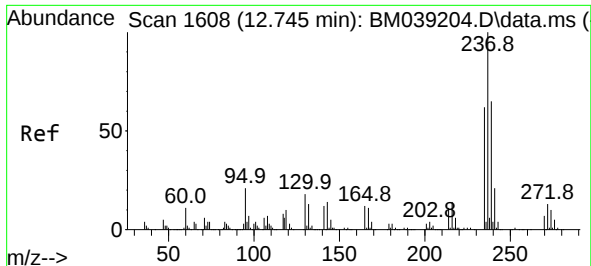
216 100

214 78.1 62.8 94.2

179 20.5 16.8 25.2

108 23.0 16.2 24.2

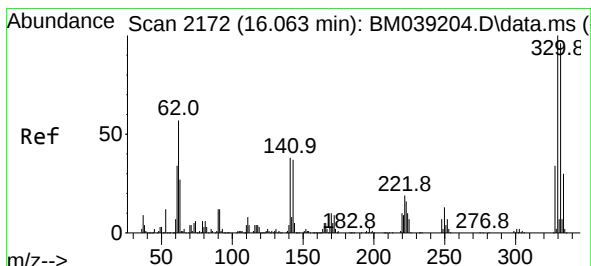
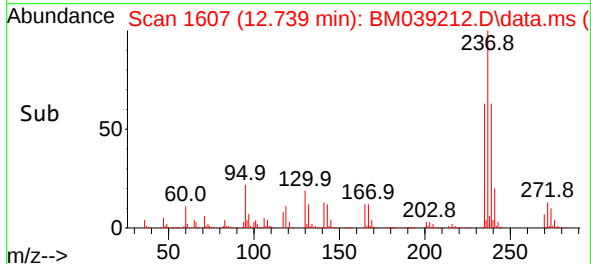
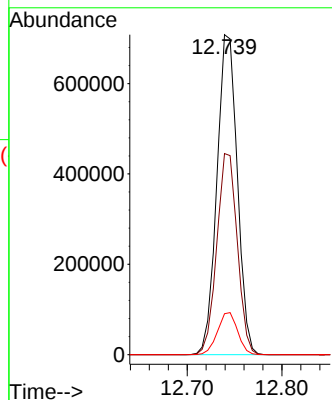
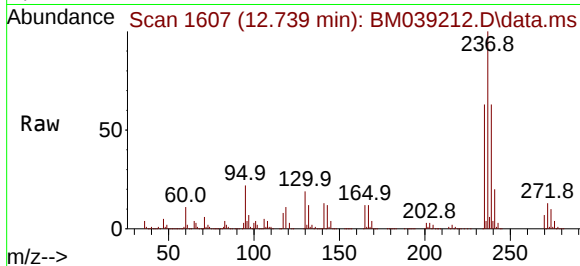




#41
Hexachlorocyclopentadiene
Concen: 131.654 ng
RT: 12.739 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

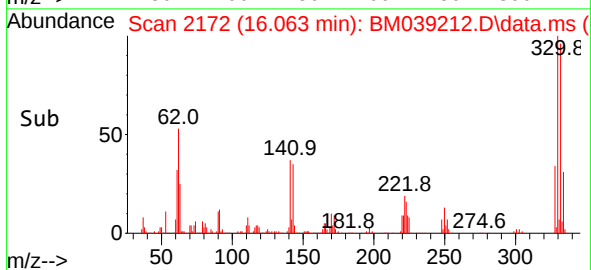
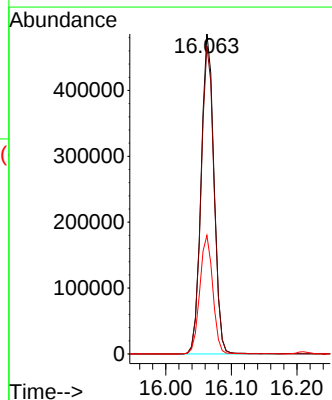
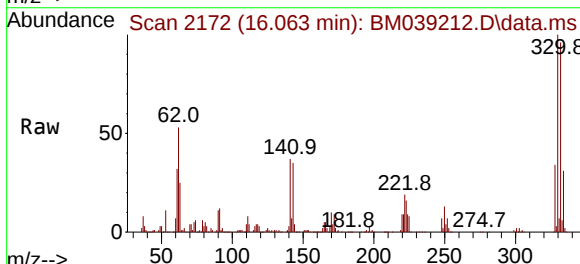
Instrument :
BNA_M
ClientSampleId :
PB151623BS

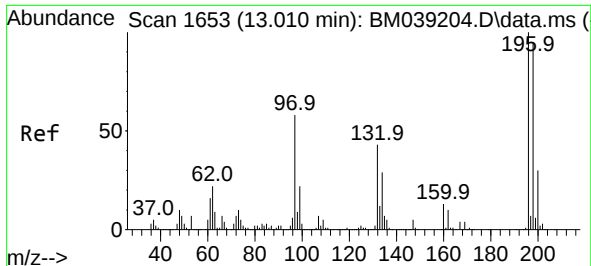
Tgt Ion:237 Resp: 1061748
Ion Ratio Lower Upper
237 100
235 62.8 41.6 81.6
272 12.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 107.842 ng
RT: 16.063 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:330 Resp: 663739
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 37.4 29.8 44.6

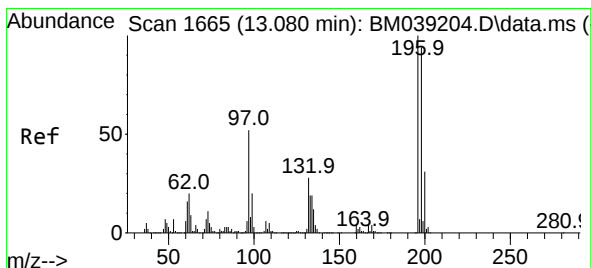
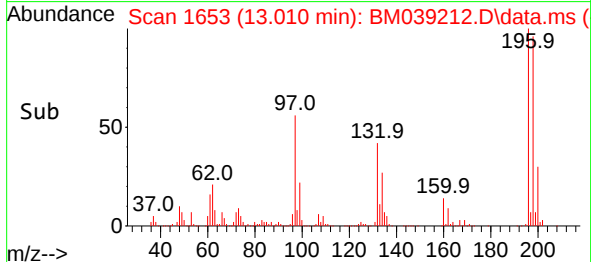
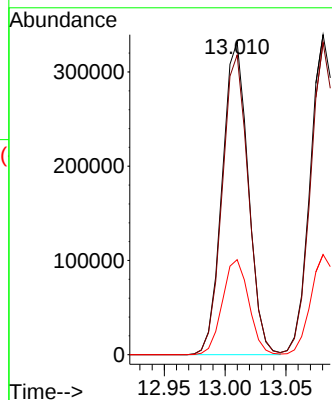
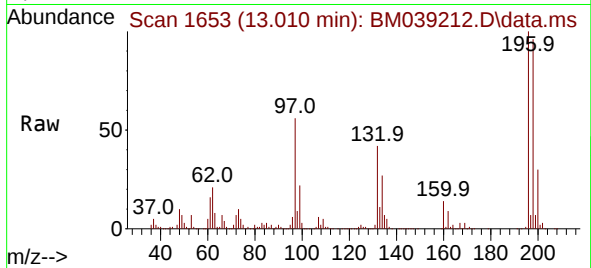




#43
2,4,6-Trichlorophenol
Concen: 49.054 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

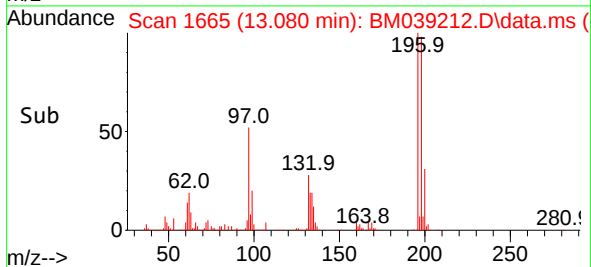
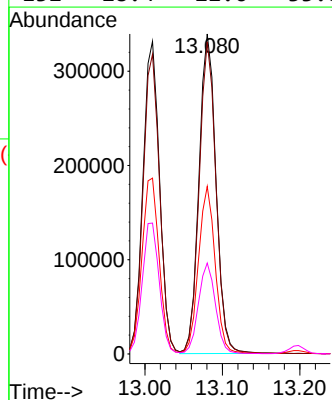
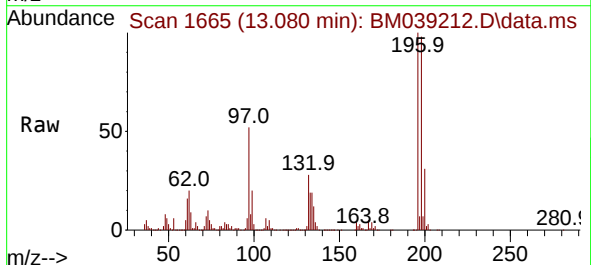
Instrument :
BNA_M
ClientSampleId :
PB151623BS

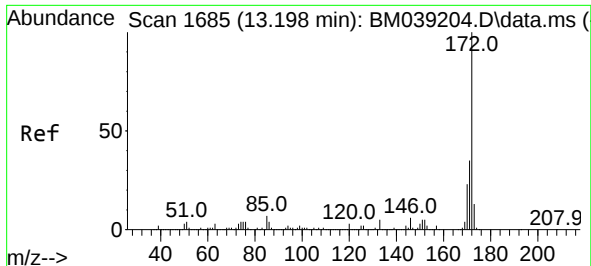
Tgt Ion:196 Resp: 493850
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.2
200 30.4 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 43.999 ng
RT: 13.080 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:196 Resp: 519288
Ion Ratio Lower Upper
196 100
198 97.5 75.2 112.8
97 52.3 41.4 62.0
132 28.4 22.6 33.8

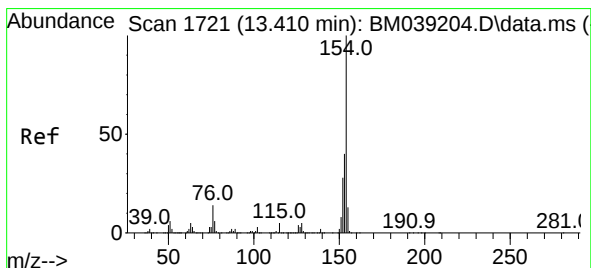
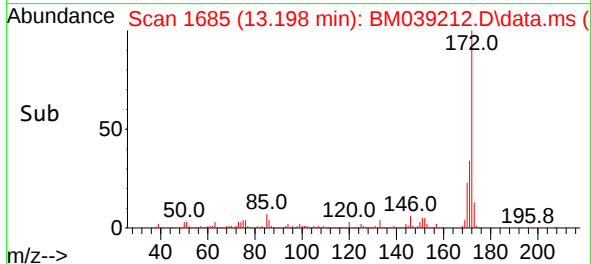
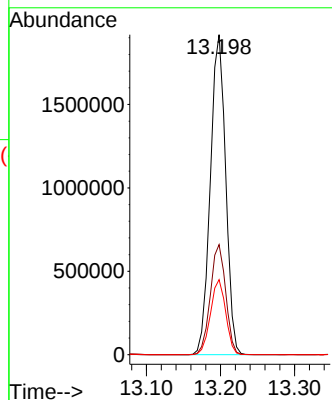
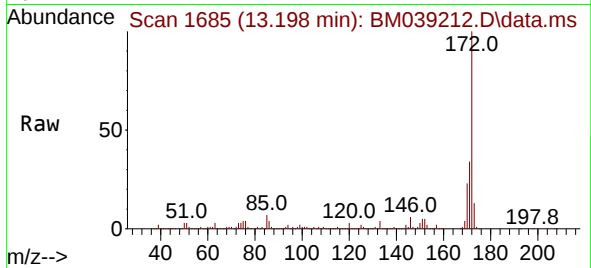




#45
2-Fluorobiphenyl
Concen: 76.903 ng
RT: 13.198 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

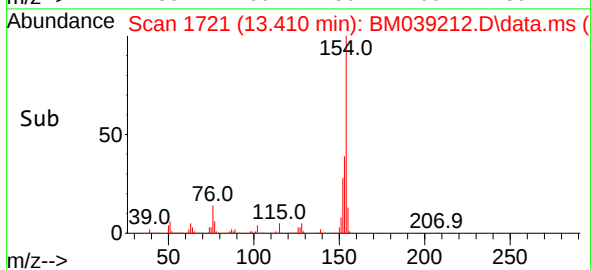
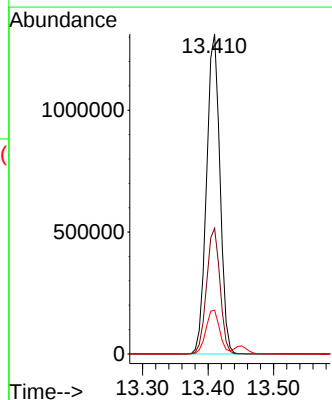
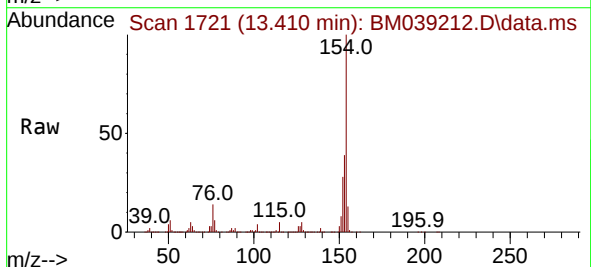
Instrument :
BNA_M
ClientSampleId :
PB151623BS

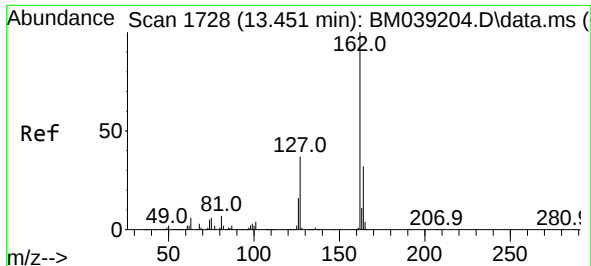
Tgt Ion:172 Resp: 2751970
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 48.718 ng
RT: 13.410 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:154 Resp: 1865300
Ion Ratio Lower Upper
154 100
153 39.3 19.9 59.9
76 13.7 0.0 33.5

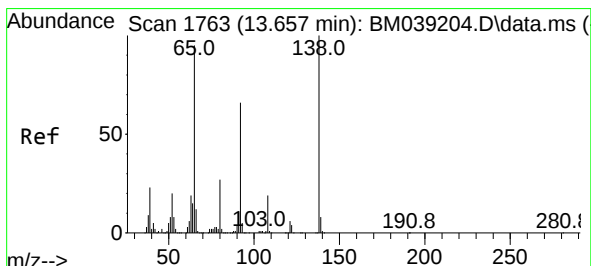
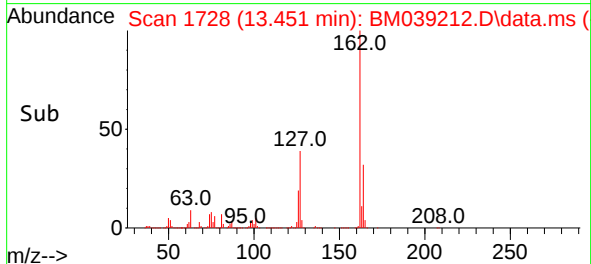
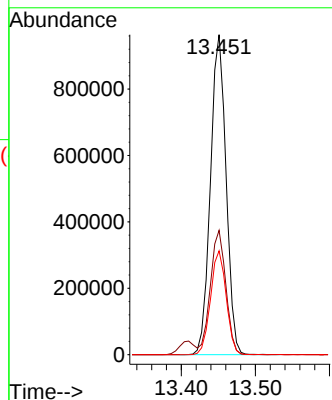
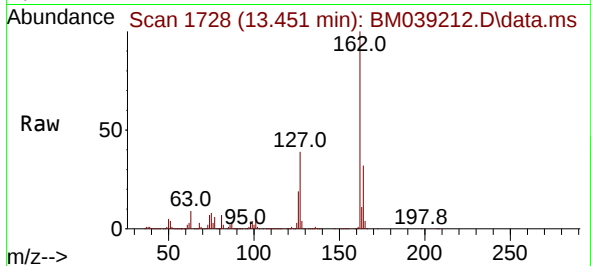




#47
2-Chloronaphthalene
Concen: 48.633 ng
RT: 13.451 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

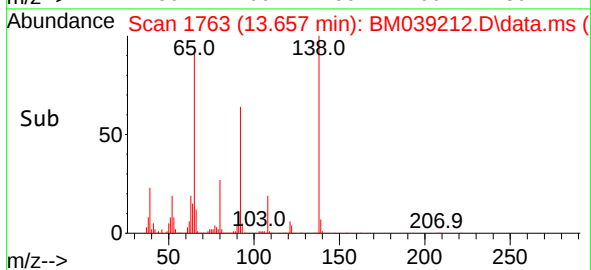
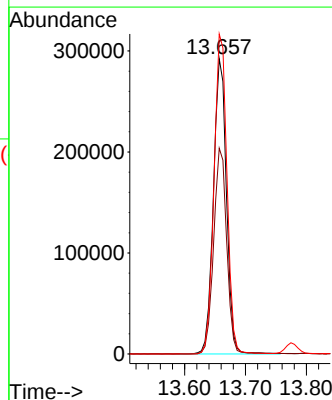
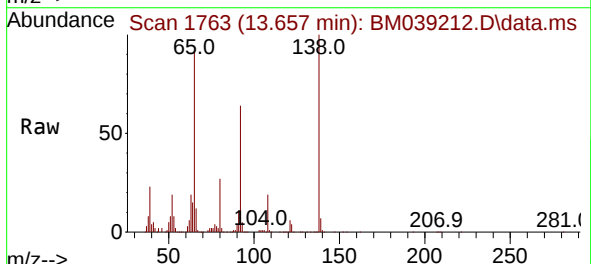
Instrument :
BNA_M
ClientSampleId :
PB151623BS

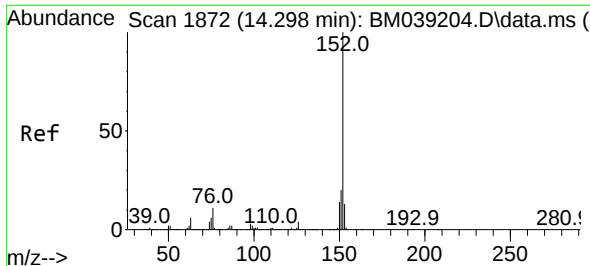
Tgt Ion:162 Resp: 1409897
Ion Ratio Lower Upper
162 100
127 38.9 31.4 47.0
164 32.5 25.7 38.5



#48
2-Nitroaniline
Concen: 44.616 ng
RT: 13.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion: 65 Resp: 435262
Ion Ratio Lower Upper
65 100
92 69.7 55.7 83.5
138 108.4 84.5 126.7

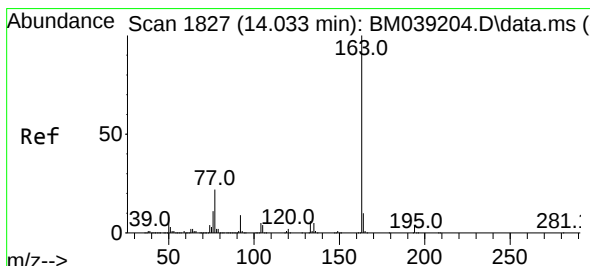
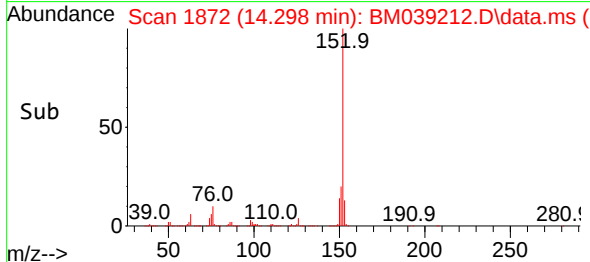
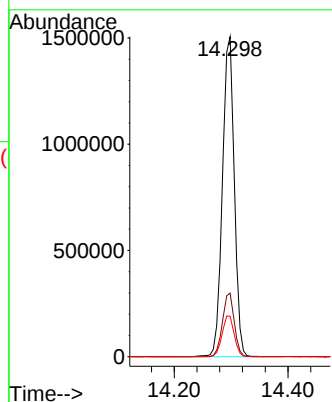
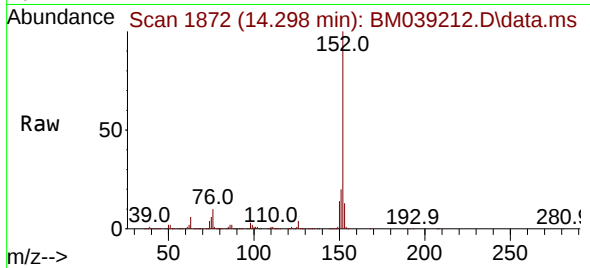




#49
Acenaphthylene
Concen: 45.975 ng
RT: 14.298 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

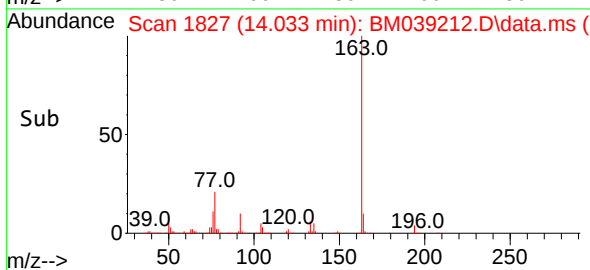
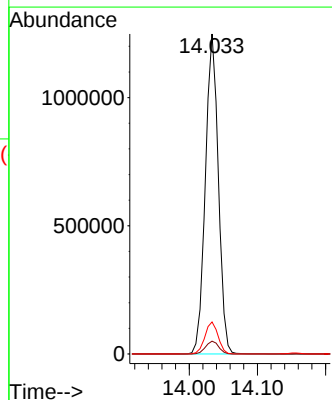
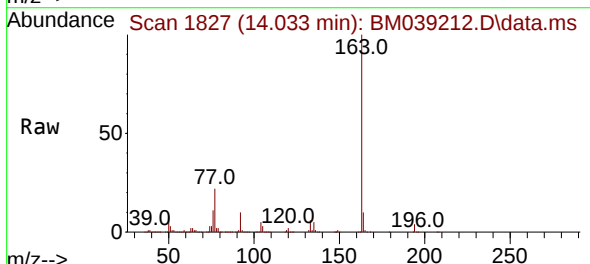
Instrument :
BNA_M
ClientSampleId :
PB151623BS

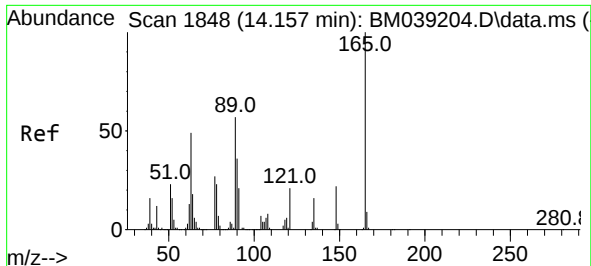
Tgt Ion:152 Resp: 2190563
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.7 10.3 15.5



#50
Dimethylphthalate
Concen: 44.154 ng
RT: 14.033 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:163 Resp: 1649880
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2

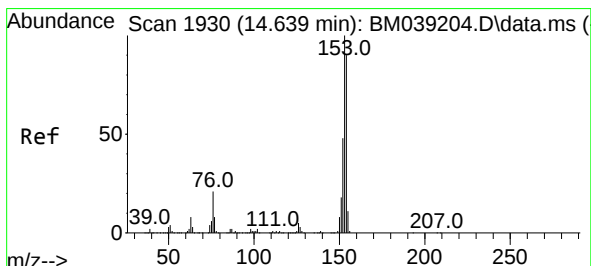
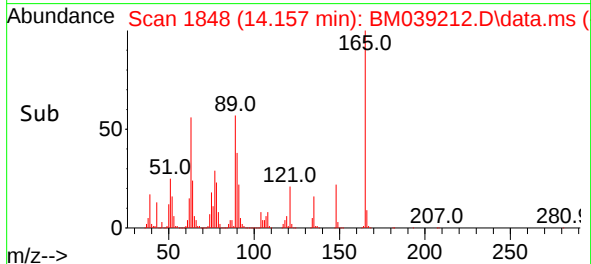
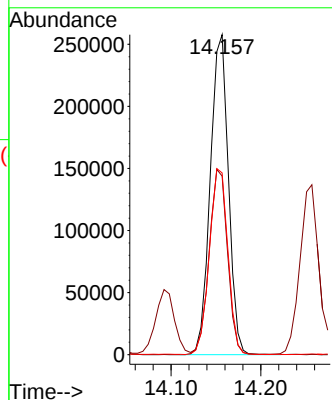
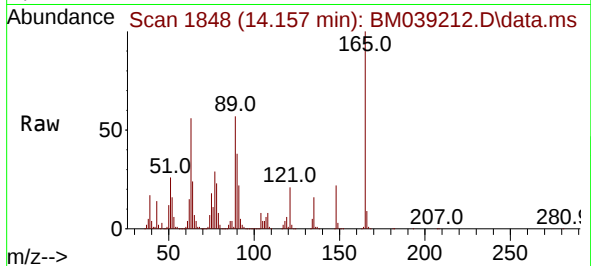




#51
2,6-Dinitrotoluene
Concen: 44.940 ng
RT: 14.157 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

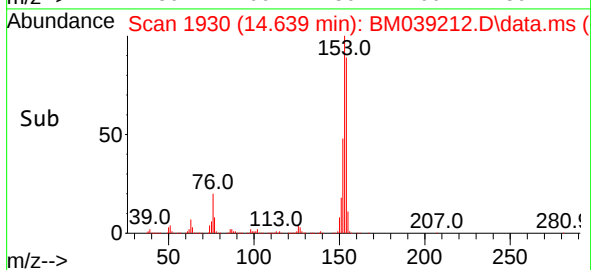
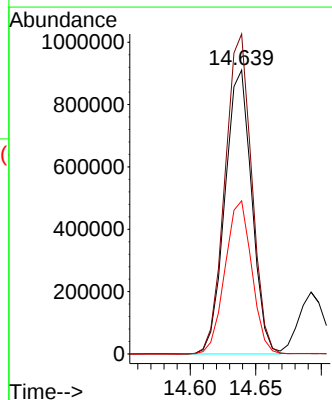
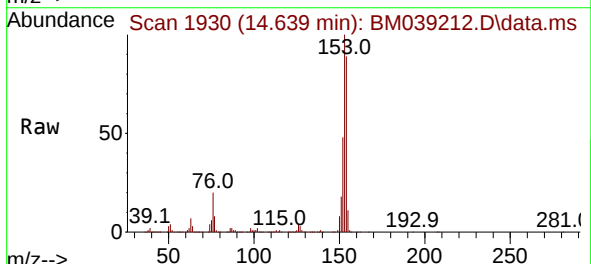
Instrument :
BNA_M
ClientSampleId :
PB151623BS

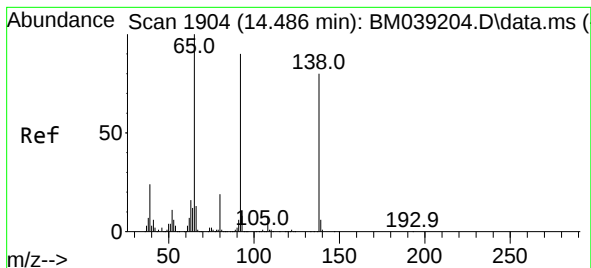
Tgt Ion:165 Resp: 361112
Ion Ratio Lower Upper
165 100
63 55.8 44.9 67.3
89 56.8 45.4 68.0



#52
Acenaphthene
Concen: 45.998 ng
RT: 14.639 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:154 Resp: 1294133
Ion Ratio Lower Upper
154 100
153 112.8 89.1 133.7
152 53.9 42.6 64.0

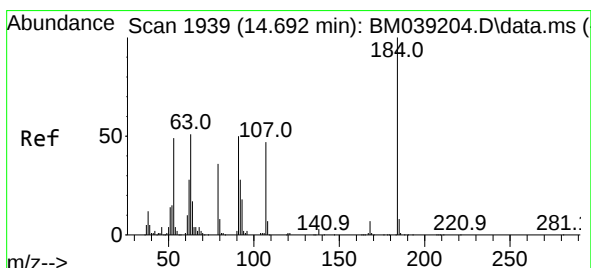
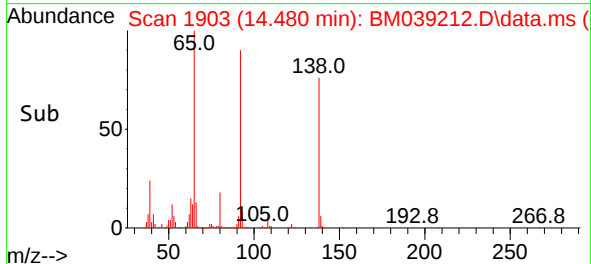
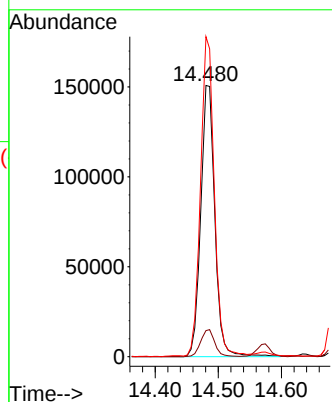
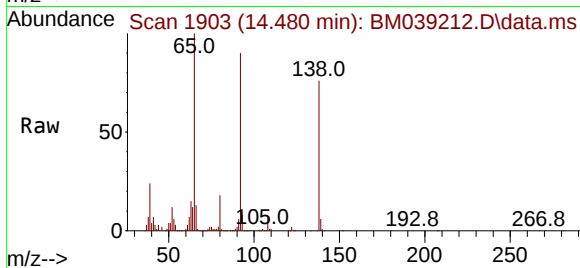




#53
3-Nitroaniline
Concen: 25.232 ng
RT: 14.480 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

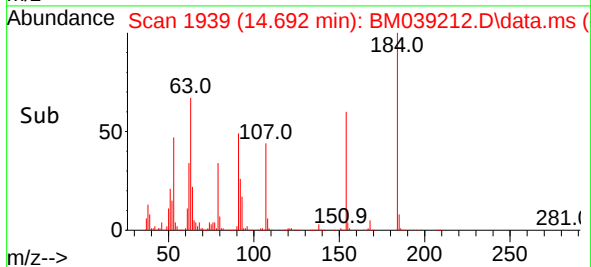
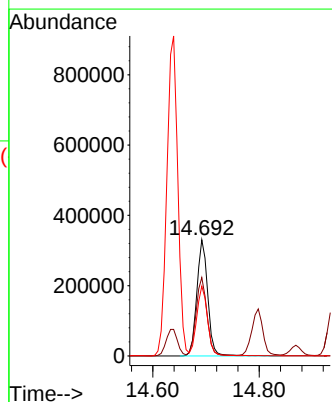
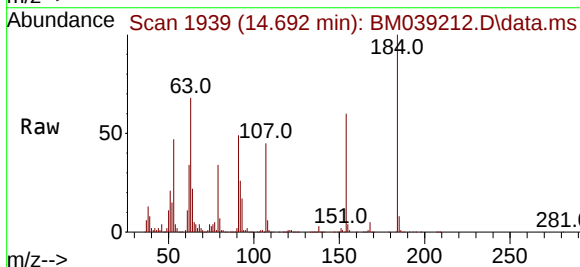
Instrument :
BNA_M
ClientSampleId :
PB151623BS

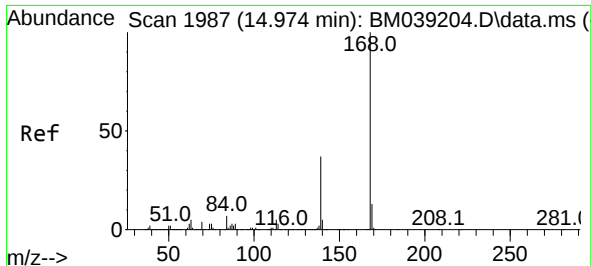
Tgt Ion:138 Resp: 234388
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 118.0 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 98.790 ng
RT: 14.692 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:184 Resp: 470108
Ion Ratio Lower Upper
184 100
63 67.5 56.4 84.6
154 60.1 48.7 73.1

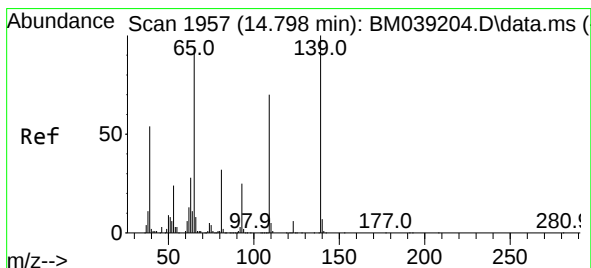
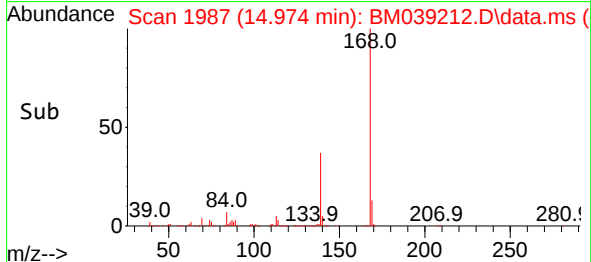
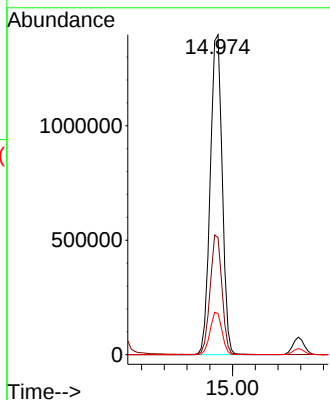
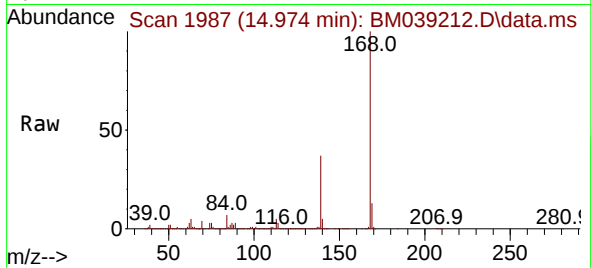




#55
Dibenzenofuran
Concen: 44.939 ng
RT: 14.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

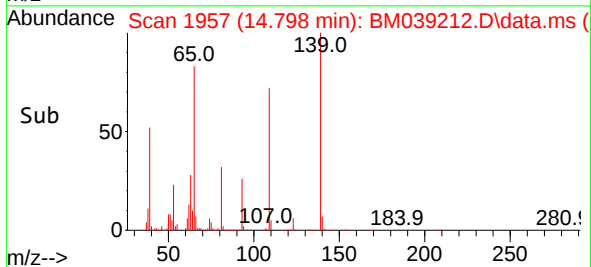
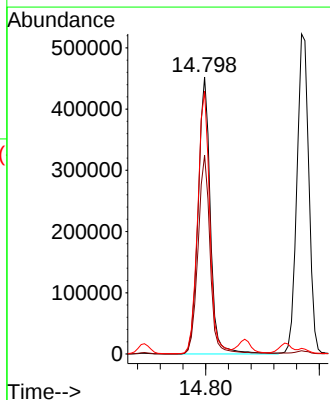
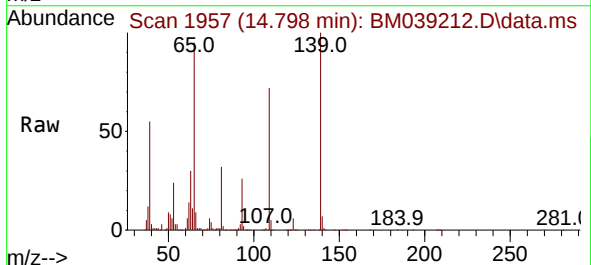
Instrument :
BNA_M
ClientSampleId :
PB151623BS

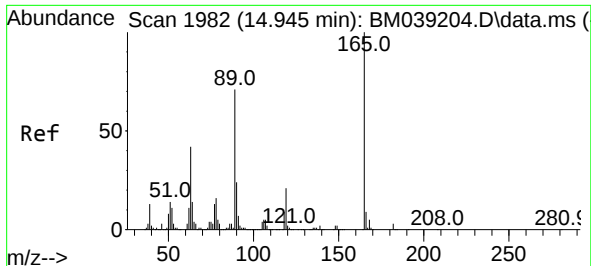
Tgt Ion:168 Resp: 2035524
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.2
169 12.8 10.6 15.8



#56
4-Nitrophenol
Concen: 94.211 ng
RT: 14.798 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:139 Resp: 674853
Ion Ratio Lower Upper
139 100
109 71.8 49.6 89.6
65 94.9 72.9 112.9

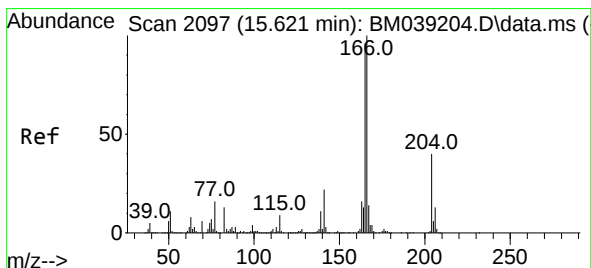
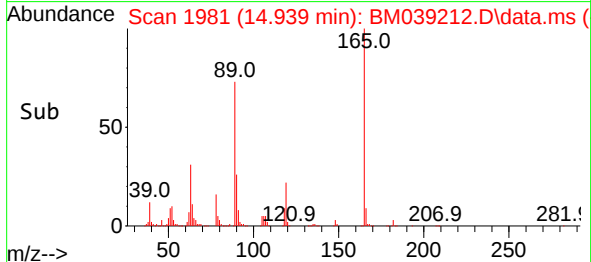
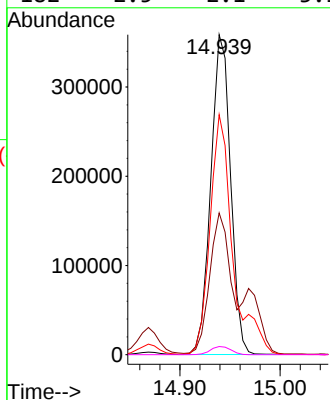
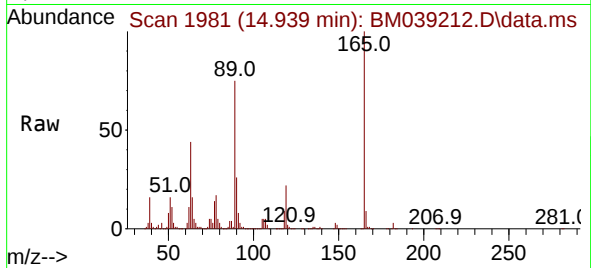




#57
2,4-Dinitrotoluene
Concen: 45.116 ng
RT: 14.939 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

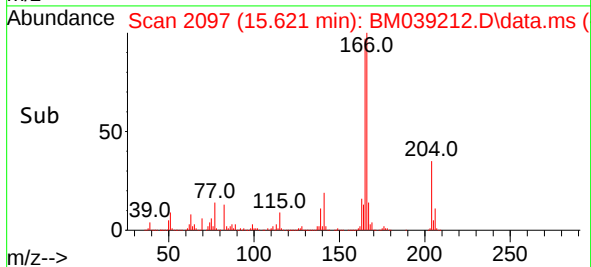
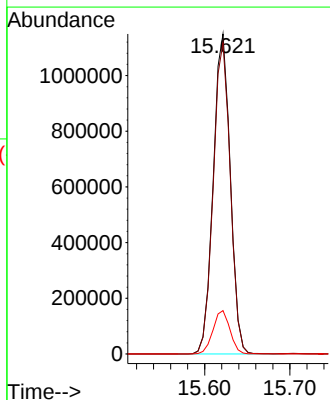
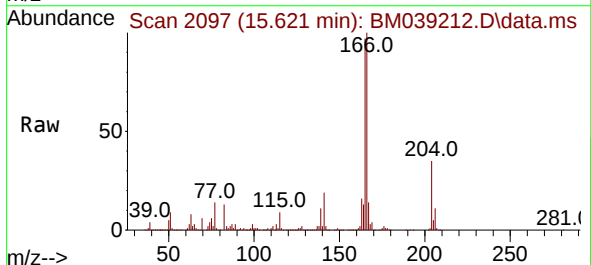
Instrument :
BNA_M
ClientSampleId :
PB151623BS

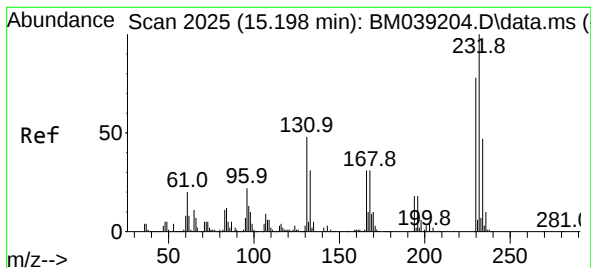
Tgt Ion:165 Resp: 490410
Ion Ratio Lower Upper
165 100
63 44.3 33.5 50.3
89 75.0 56.7 85.1
182 2.5 2.1 3.1



#58
Fluorene
Concen: 44.498 ng
RT: 15.621 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:166 Resp: 1596030
Ion Ratio Lower Upper
166 100
165 97.2 76.9 115.3
167 13.6 10.8 16.2

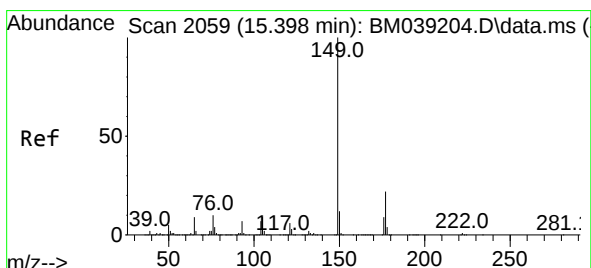
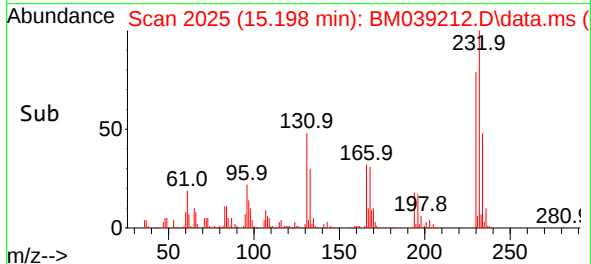
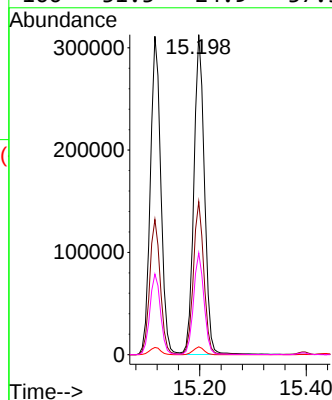
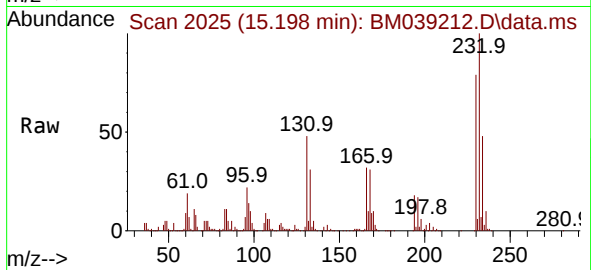




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.824 ng
RT: 15.198 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

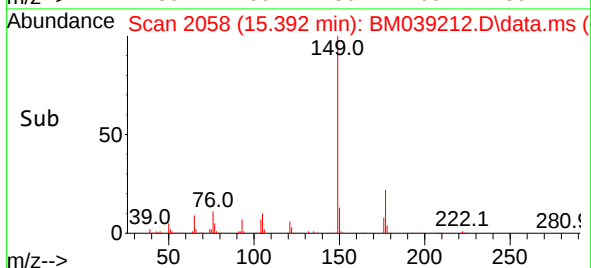
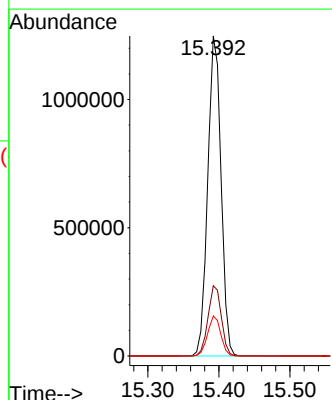
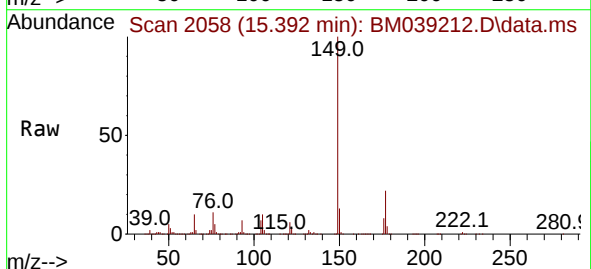
Instrument :
BNA_M
ClientSampleId :
PB151623BS

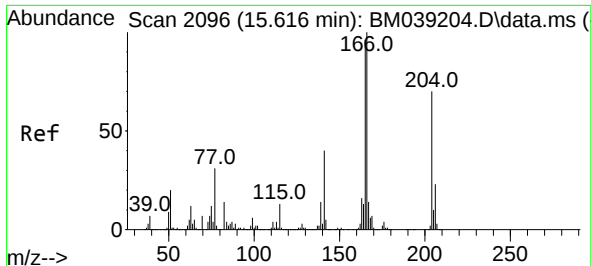
Tgt Ion:232 Resp: 430248
Ion Ratio Lower Upper
232 100
131 47.4 37.7 56.5
130 2.5 1.9 2.9
166 31.3 24.9 37.3



#60
Diethylphthalate
Concen: 43.230 ng
RT: 15.392 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:149 Resp: 1625905
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.5 9.8 14.6

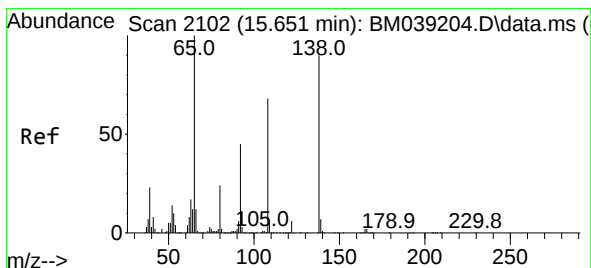
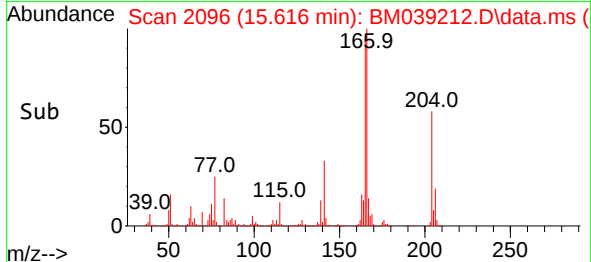
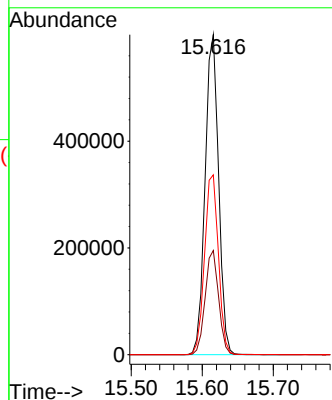
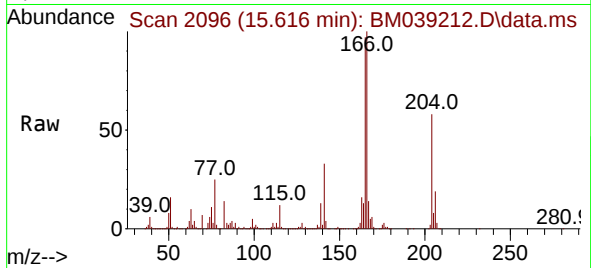




#61
4-Chlorophenyl-phenylether
Concen: 44.657 ng
RT: 15.616 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

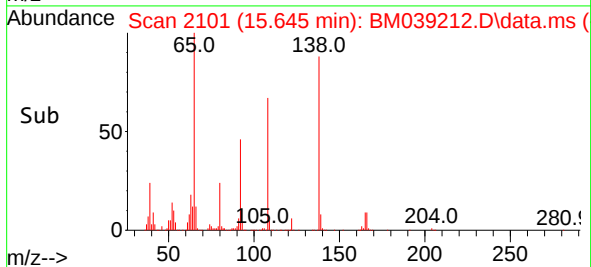
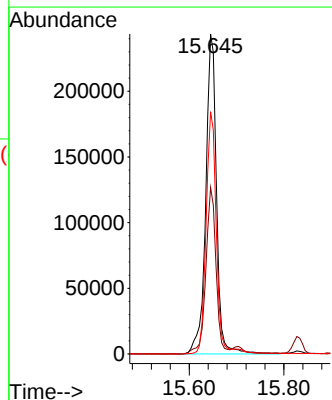
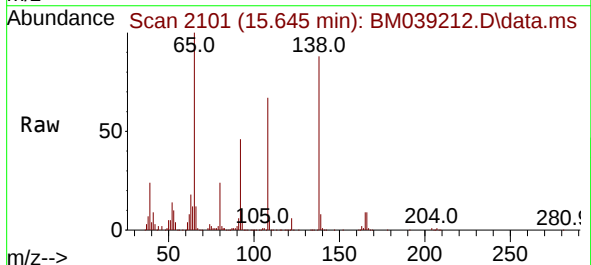
Instrument :
BNA_M
ClientSampleId :
PB151623BS

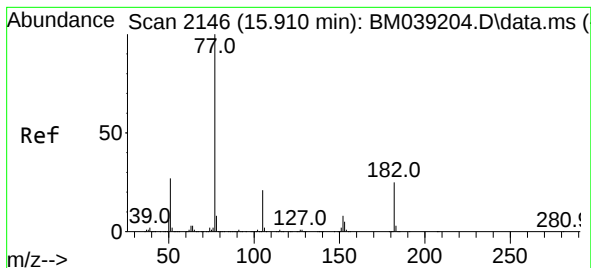
Tgt Ion:204 Resp: 793812
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 56.2 45.8 68.6



#62
4-Nitroaniline
Concen: 40.344 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:138 Resp: 384583
Ion Ratio Lower Upper
138 100
92 52.1 30.5 70.5
108 75.7 55.5 95.5





#63

Azobenzene

Concen: 44.881 ng

RT: 15.910 min Scan# 2146

Delta R.T. 0.000 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Instrument :

BNA_M

ClientSampleId :

PB151623BS

Tgt Ion: 77 Resp: 1691165

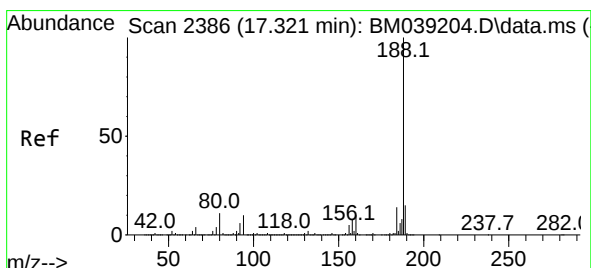
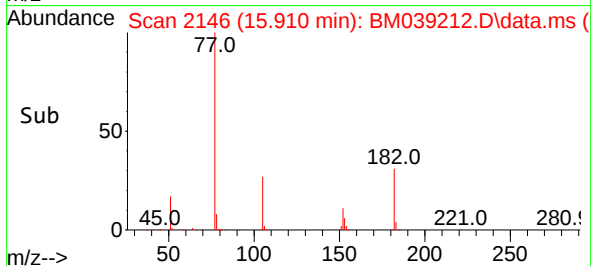
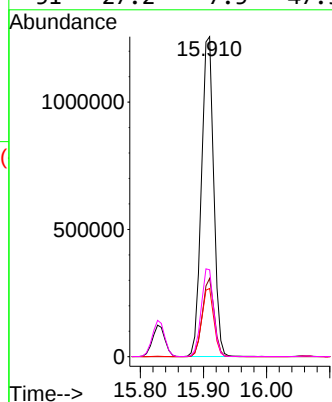
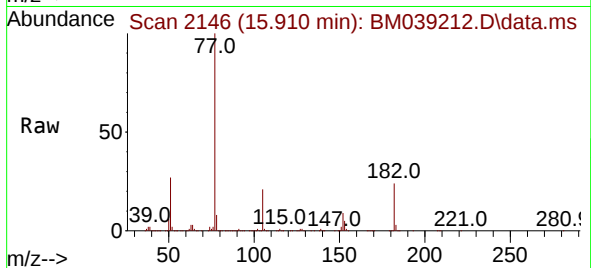
Ion Ratio Lower Upper

77 100

182 24.5 4.8 44.8

105 21.3 1.4 41.4

51 27.2 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

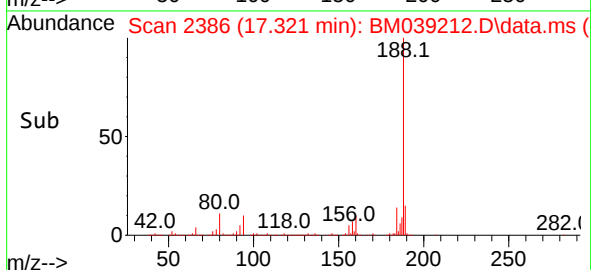
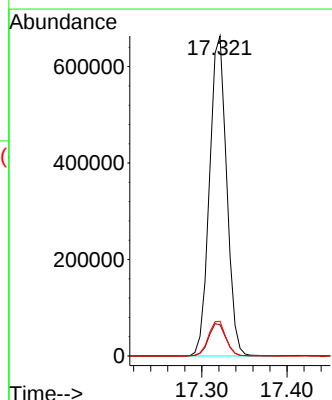
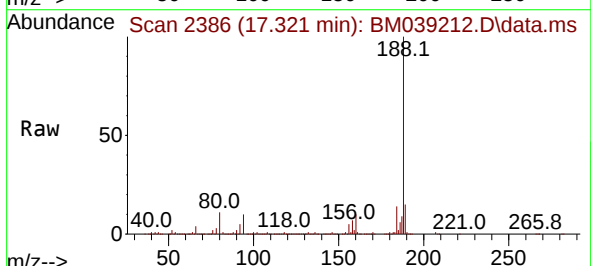
Tgt Ion: 188 Resp: 927005

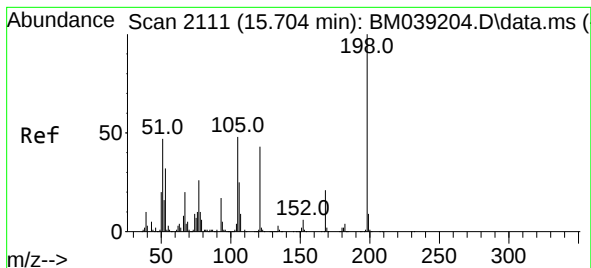
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 10.9 8.9 13.3

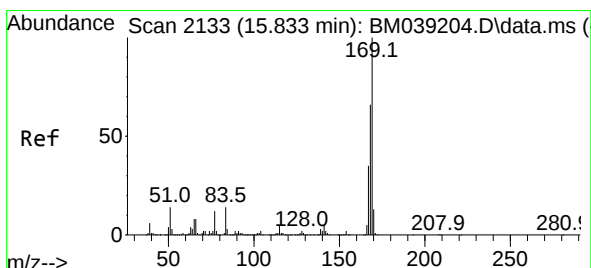
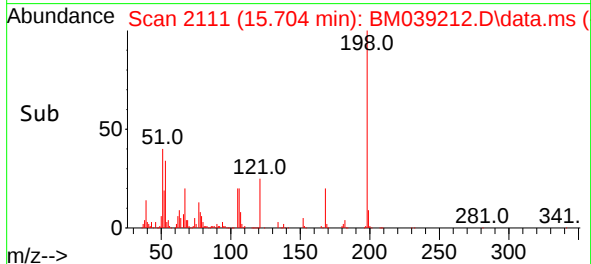
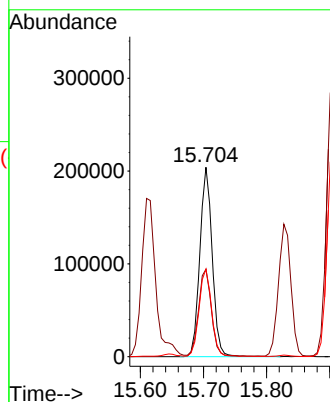
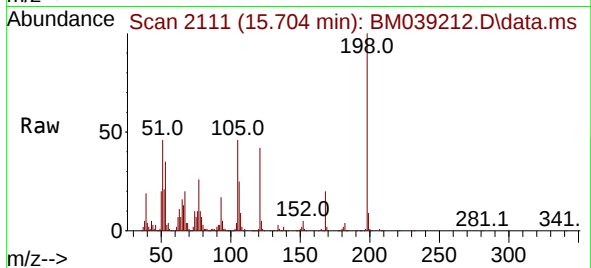




#65
4,6-Dinitro-2-methylphenol
Concen: 45.668 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

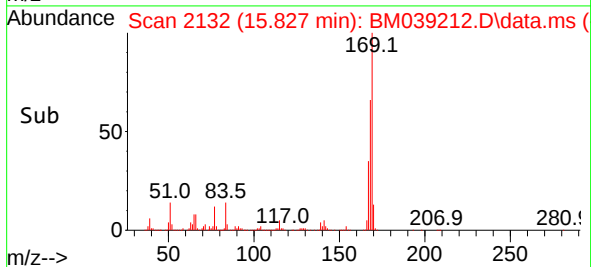
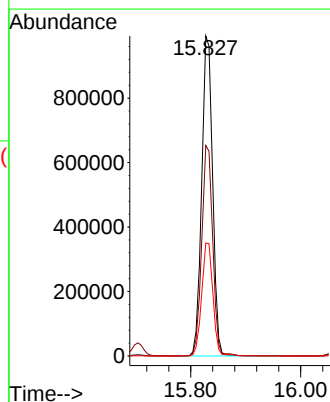
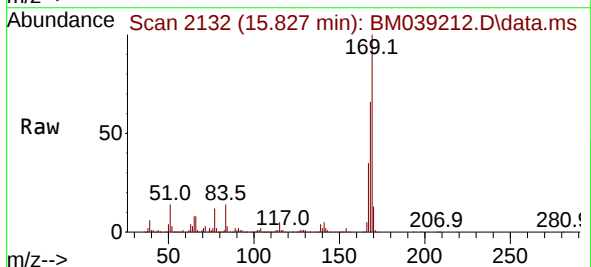
Instrument :
BNA_M
ClientSampleId :
PB151623BS

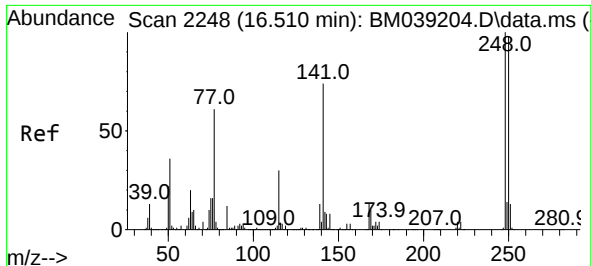
Tgt Ion:198 Resp: 278508
Ion Ratio Lower Upper
198 100
51 46.1 28.9 68.9
105 46.2 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 46.836 ng
RT: 15.827 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:169 Resp: 1368151
Ion Ratio Lower Upper
169 100
168 65.7 52.8 79.2
167 35.3 28.4 42.6

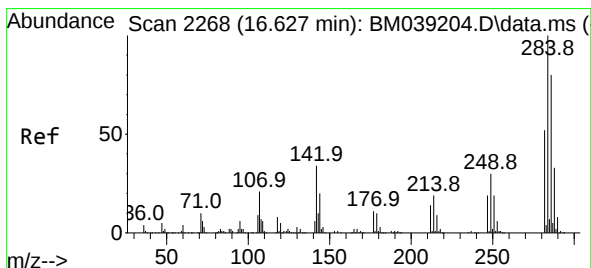
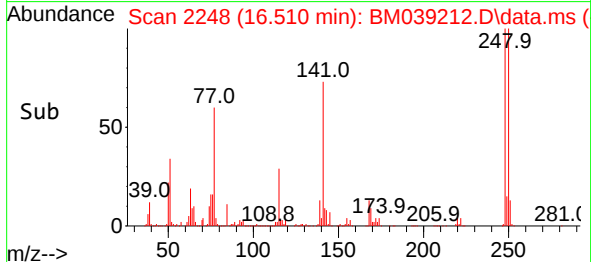
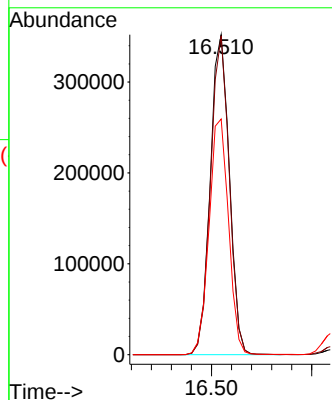
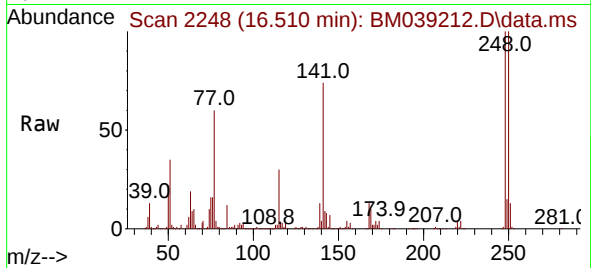




#67
4-Bromophenyl-phenylether
Concen: 47.081 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

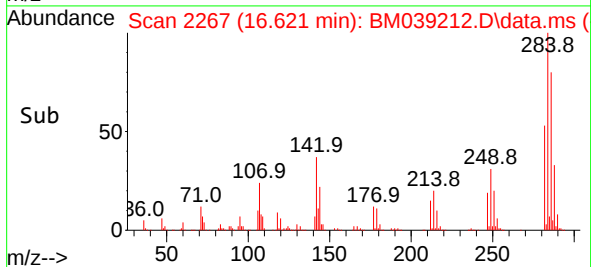
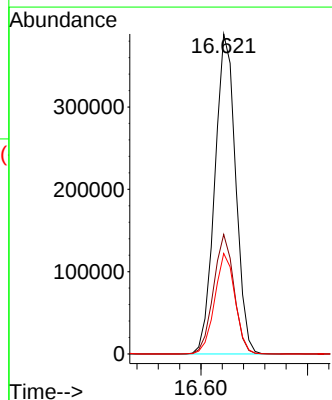
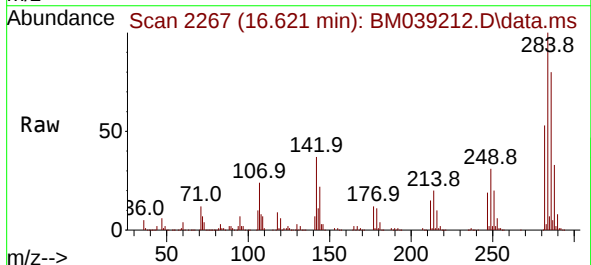
Instrument :
BNA_M
ClientSampleId :
PB151623BS

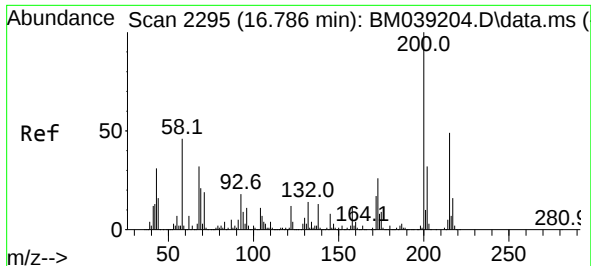
Tgt Ion:248 Resp: 466094
Ion Ratio Lower Upper
248 100
250 99.7 78.8 118.2
141 73.7 58.8 88.2



#68
Hexachlorobenzene
Concen: 49.039 ng
RT: 16.621 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:284 Resp: 526400
Ion Ratio Lower Upper
284 100
142 37.4 27.4 41.2
249 31.4 24.4 36.6

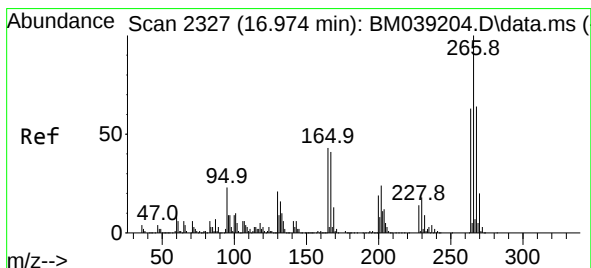
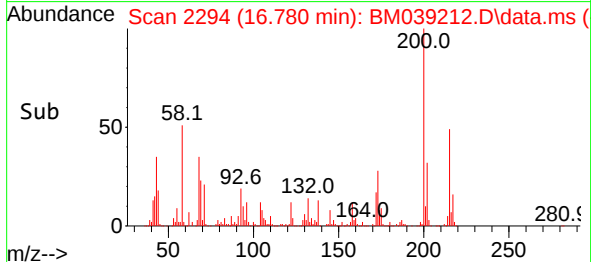
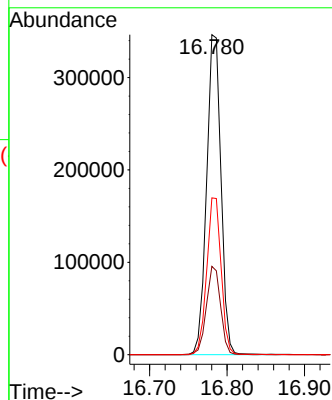
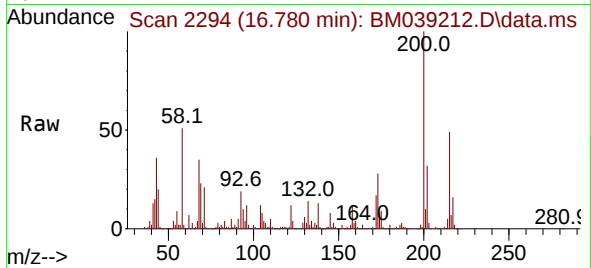




#69
 Atrazine
 Concen: 48.305 ng
 RT: 16.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039212.D
 Acq: 29 Mar 2023 19:41

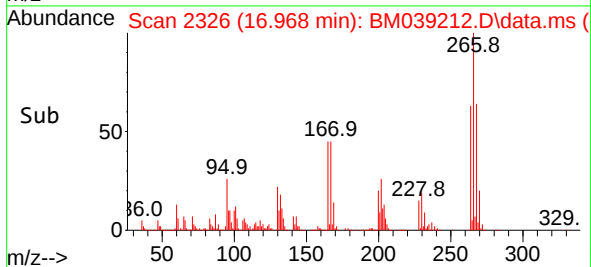
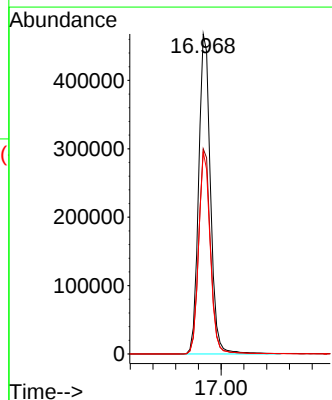
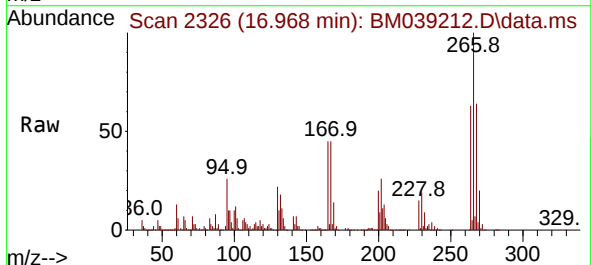
Instrument :
 BNA_M
 ClientSampleId :
 PB151623BS

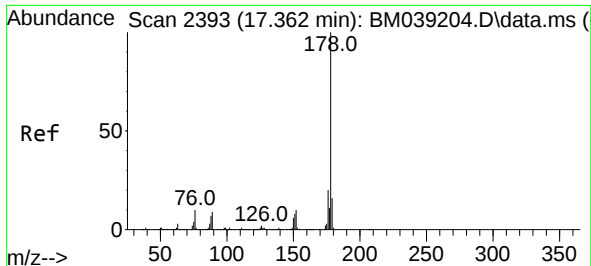
Tgt Ion:200 Resp: 446919
 Ion Ratio Lower Upper
 200 100
 173 27.6 6.4 46.4
 215 49.0 28.9 68.9



#70
 Pentachlorophenol
 Concen: 87.898 ng
 RT: 16.968 min Scan# 2326
 Delta R.T. -0.006 min
 Lab File: BM039212.D
 Acq: 29 Mar 2023 19:41

Tgt Ion:266 Resp: 676939
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.4 77.2
 264 63.1 50.2 75.4

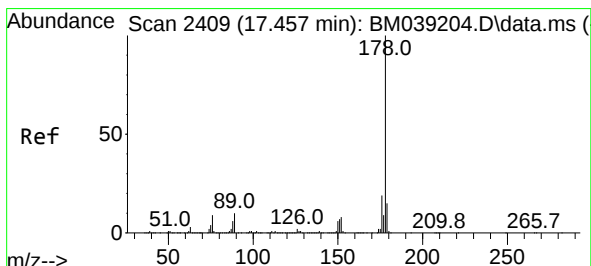
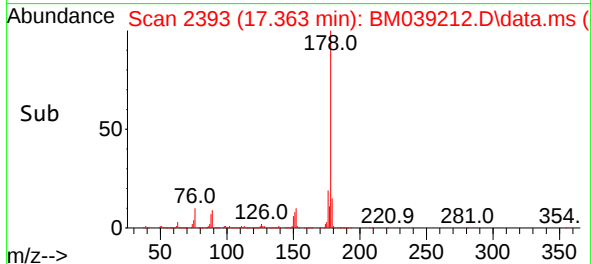
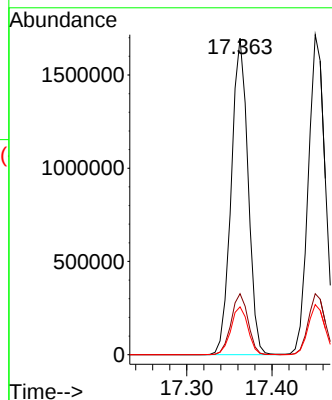
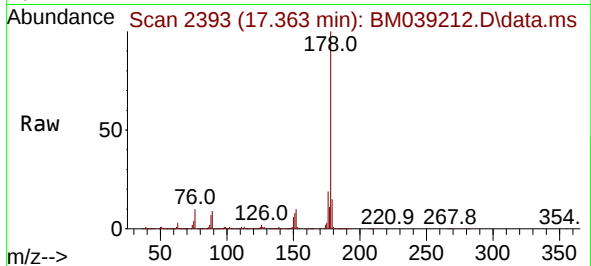




#71
Phenanthrene
Concen: 45.712 ng
RT: 17.363 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

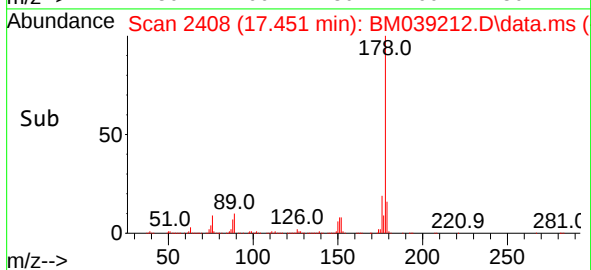
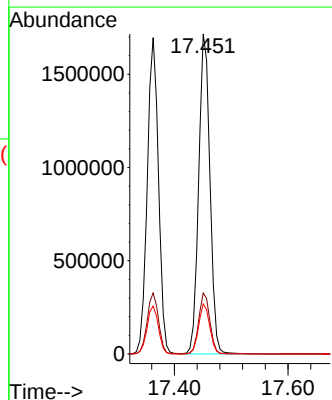
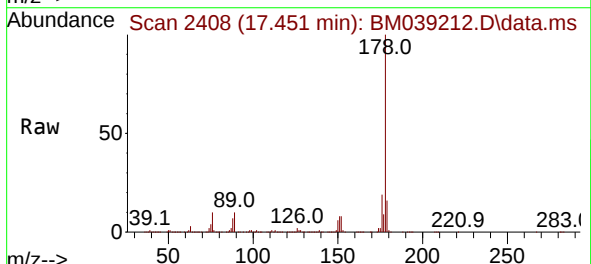
Instrument :
BNA_M
ClientSampleId :
PB151623BS

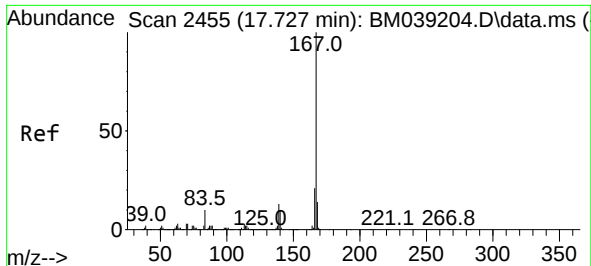
Tgt Ion:178 Resp: 2320829
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.1 12.4 18.6



#72
Anthracene
Concen: 45.734 ng
RT: 17.451 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:178 Resp: 2367610
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.2 18.2



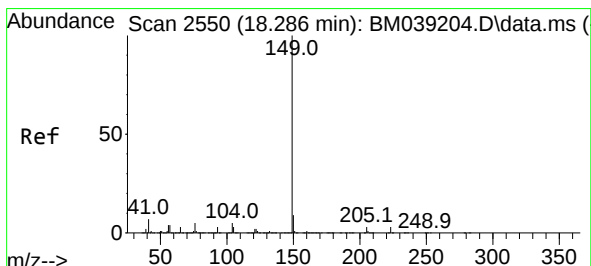
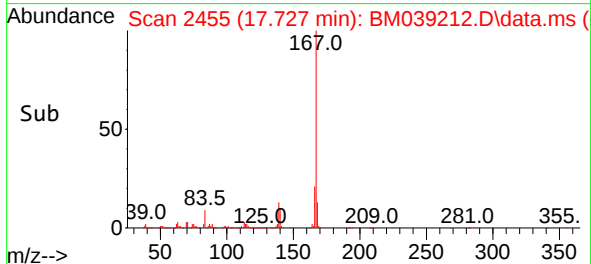
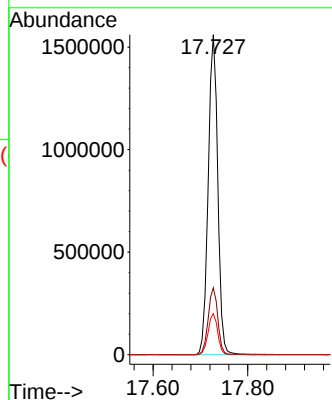
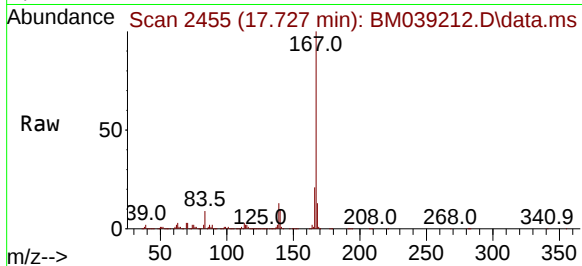


#73
 Carbazole
 Concen: 45.015 ng
 RT: 17.727 min Scan# 2455
 Delta R.T. 0.000 min
 Lab File: BM039212.D
 Acq: 29 Mar 2023 19:41

Instrument :
 BNA_M
 ClientSampleId :
 PB151623BS

Tgt Ion:167 Resp: 2177567

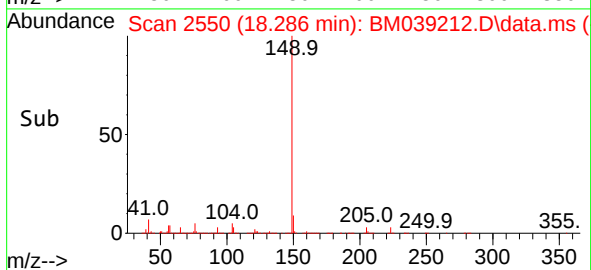
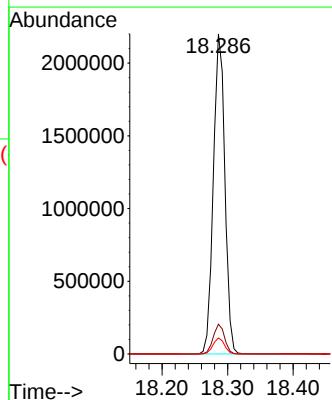
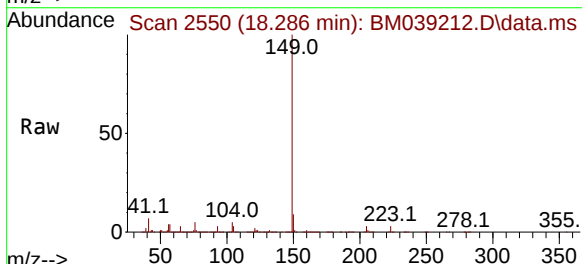
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.8	10.6	16.0

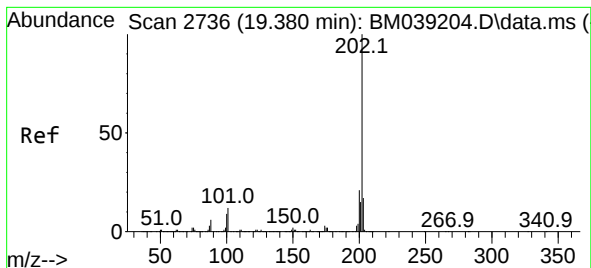


#74
 Di-n-butylphthalate
 Concen: 44.782 ng
 RT: 18.286 min Scan# 2550
 Delta R.T. 0.000 min
 Lab File: BM039212.D
 Acq: 29 Mar 2023 19:41

Tgt Ion:149 Resp: 2679755

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.0	4.1	6.1

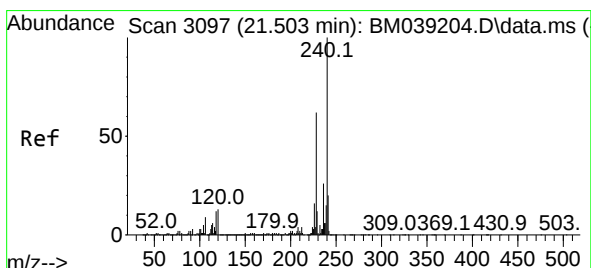
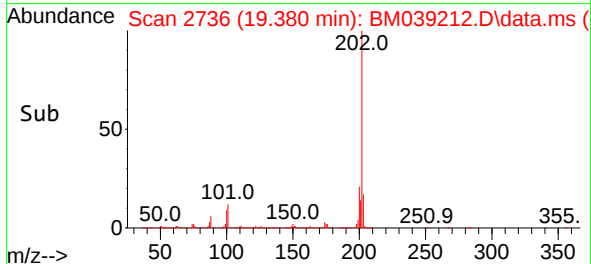
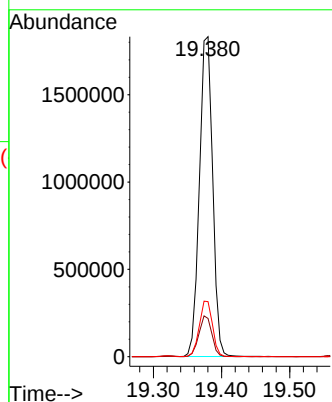
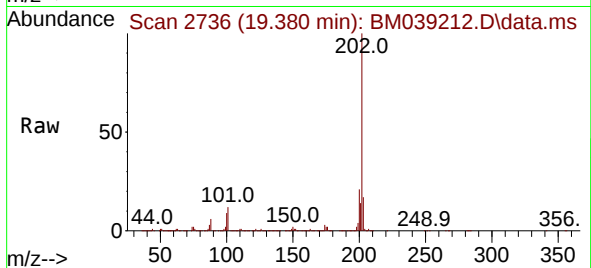




#75
Fluoranthene
Concen: 42.901 ng
RT: 19.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

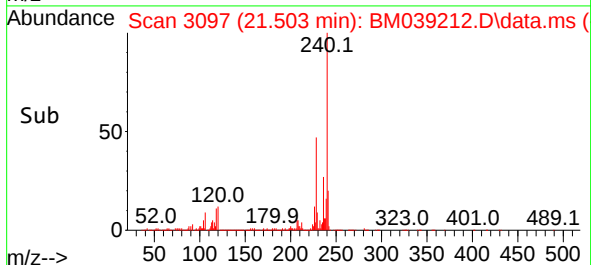
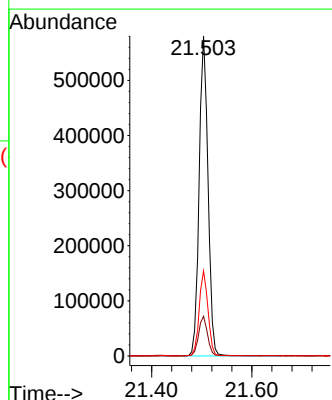
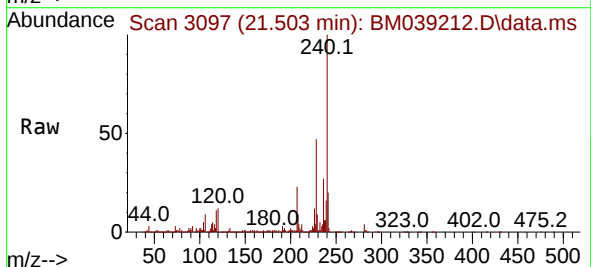
Instrument :
BNA_M
ClientSampleId :
PB151623BS

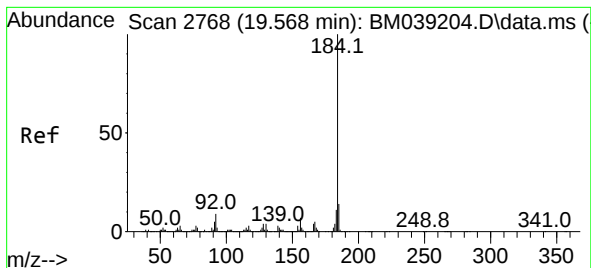
Tgt Ion:202 Resp: 2482898
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.5
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:240 Resp: 708661
Ion Ratio Lower Upper
240 100
120 12.4 10.2 15.2
236 26.6 20.9 31.3





#77

Benzidine

Concen: 79.939 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Instrument :

BNA_M

ClientSampleId :

PB151623BS

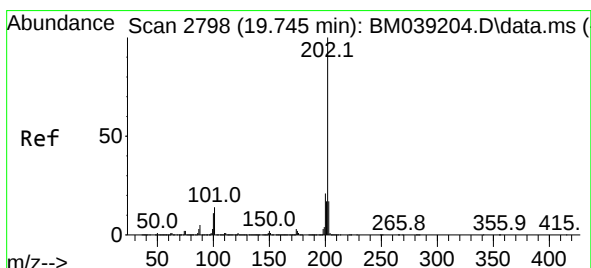
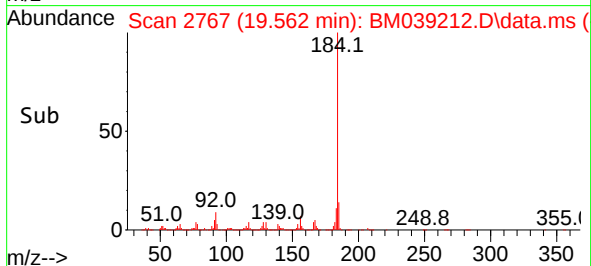
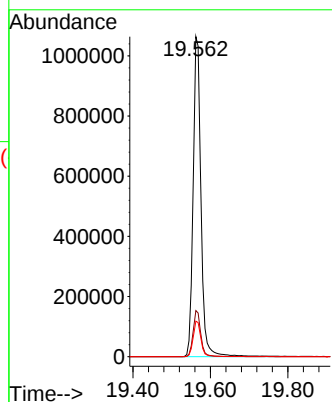
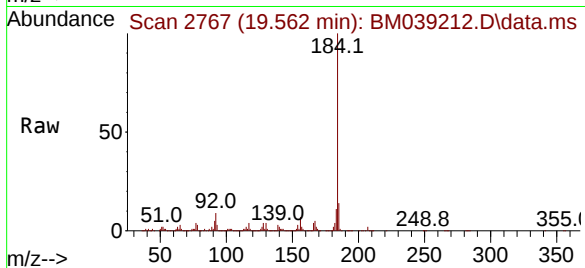
Tgt Ion:184 Resp: 1494222

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.1 9.0 13.4



#78

Pyrene

Concen: 51.331 ng

RT: 19.739 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

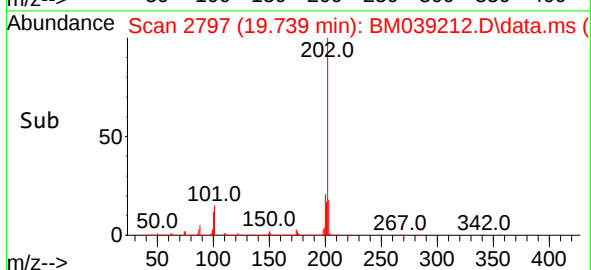
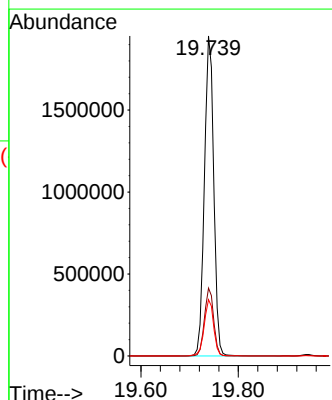
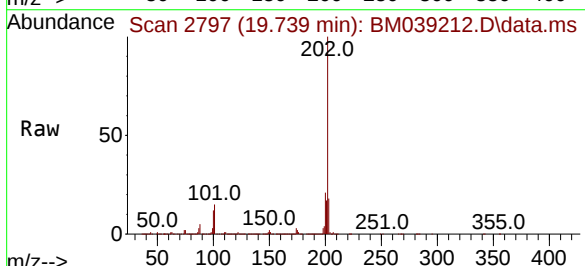
Tgt Ion:202 Resp: 2589610

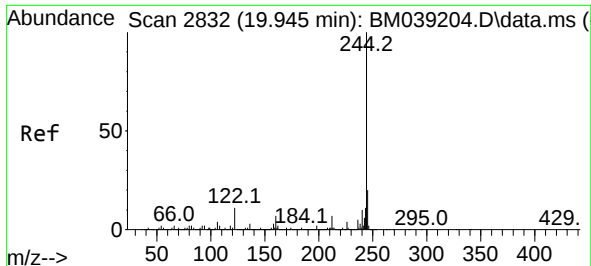
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.6 13.9 20.9

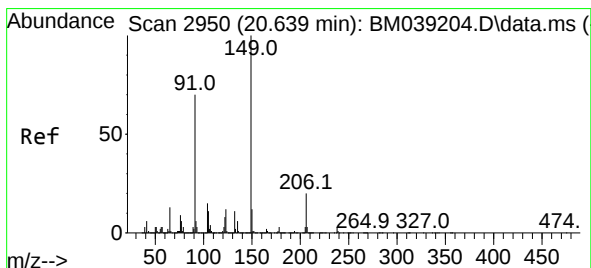
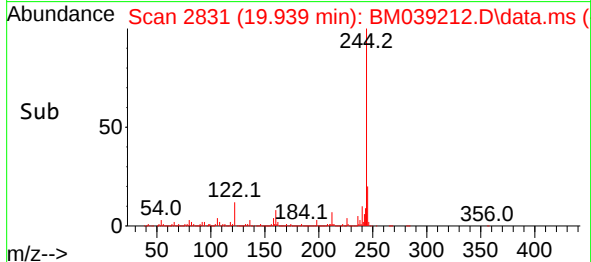
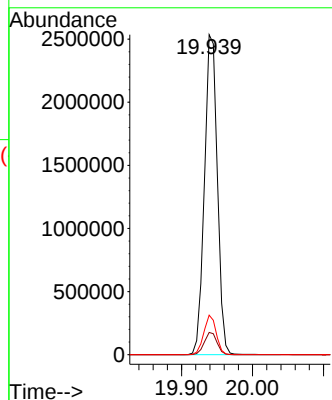
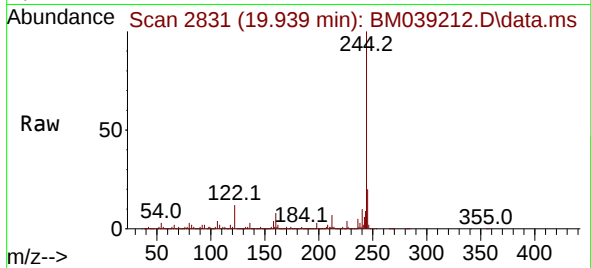




#79
 Terphenyl-d14
 Concen: 83.763 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039212.D
 Acq: 29 Mar 2023 19:41

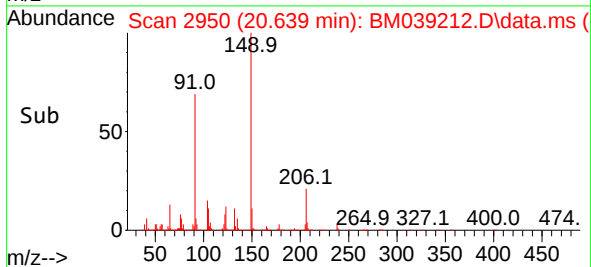
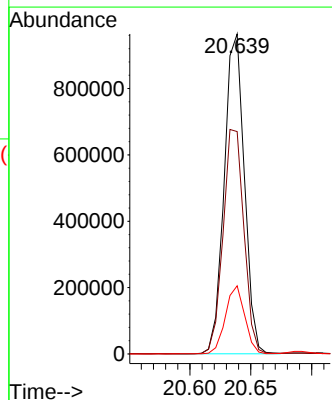
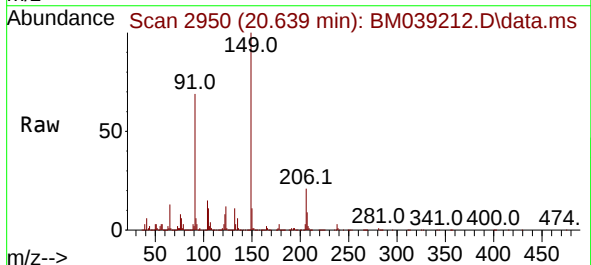
Instrument :
 BNA_M
 ClientSampleId :
 PB151623BS

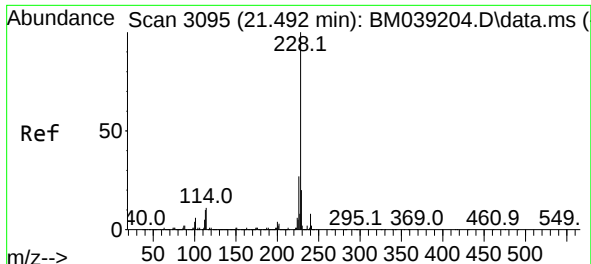
Tgt Ion:244 Resp: 3212858
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.4 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 47.928 ng
 RT: 20.639 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: BM039212.D
 Acq: 29 Mar 2023 19:41

Tgt Ion:149 Resp: 1107723
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.3 84.5
 206 21.3 16.4 24.6

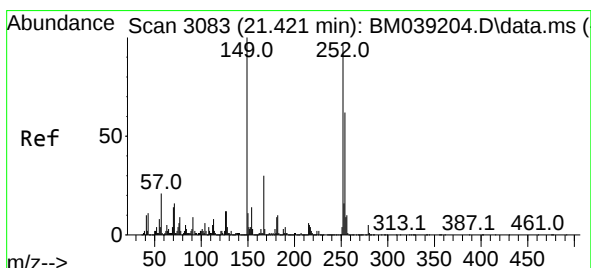
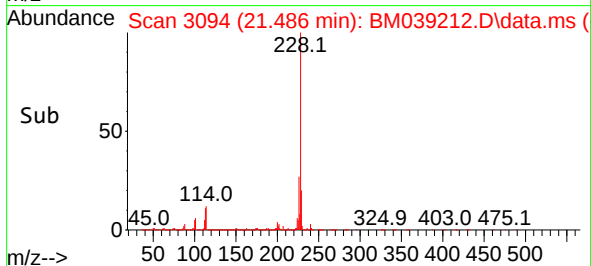
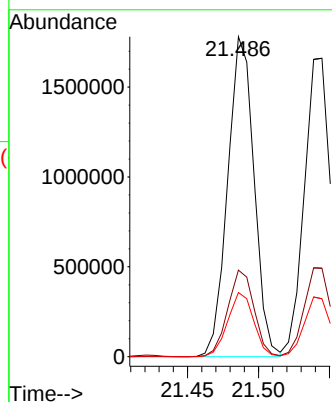
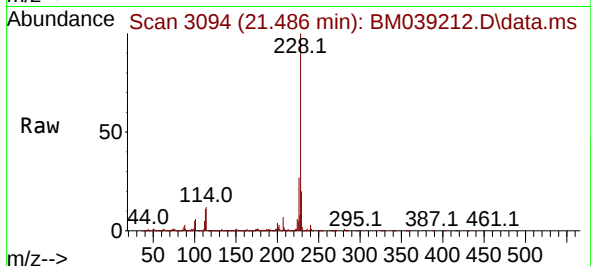




#81
Benzo(a)anthracene
Concen: 46.037 ng
RT: 21.486 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

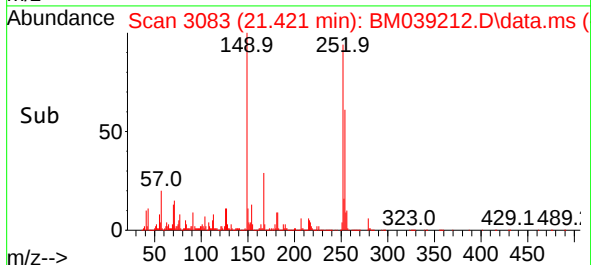
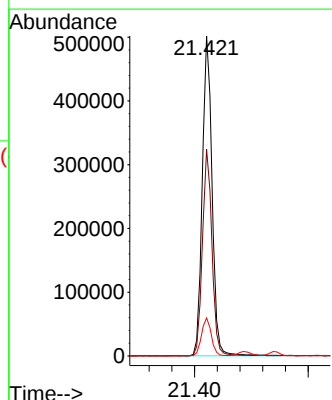
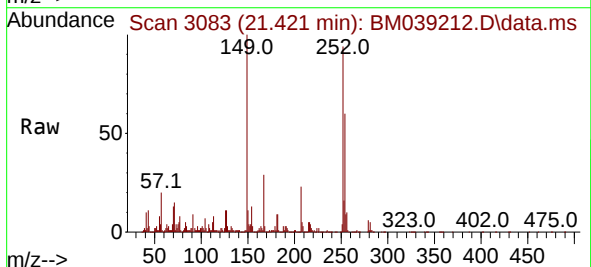
Instrument :
BNA_M
ClientSampleId :
PB151623BS

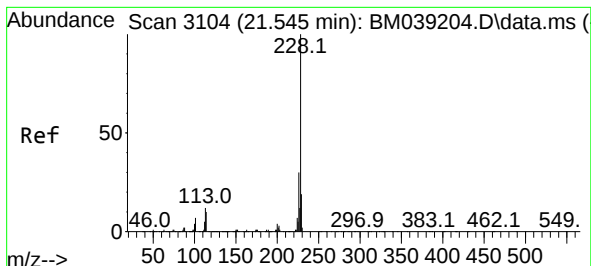
Tgt Ion:228 Resp: 2300904
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.978 ng
RT: 21.421 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:252 Resp: 599009
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.8
126 11.9 10.1 15.1





#83

Chrysene

Concen: 44.840 ng

RT: 21.545 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Instrument :

BNA_M

ClientSampleId :

PB151623BS

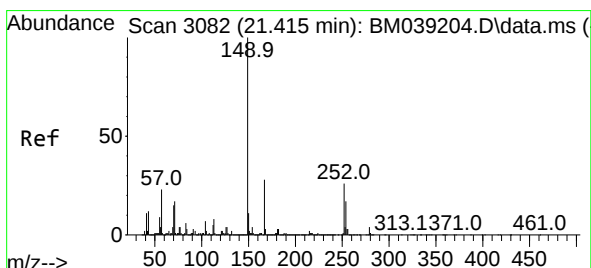
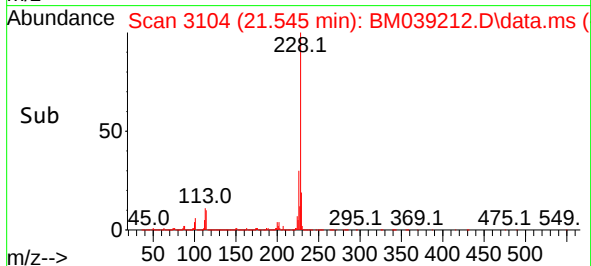
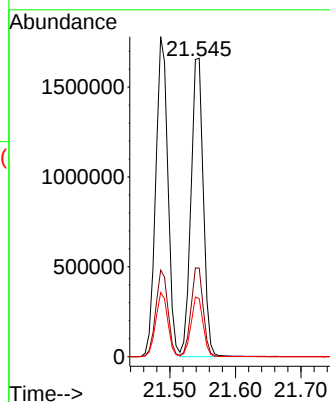
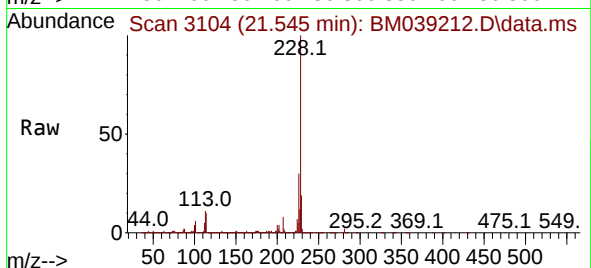
Tgt Ion:228 Resp: 2163474

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.260 ng

RT: 21.409 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

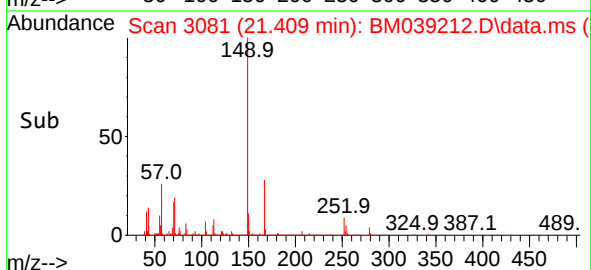
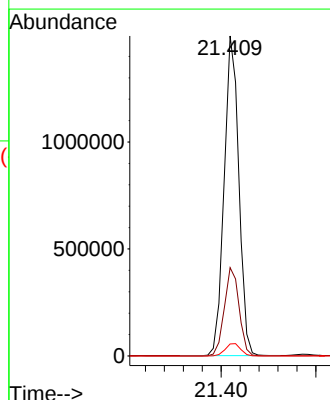
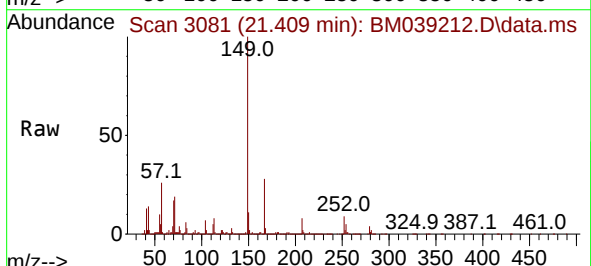
Tgt Ion:149 Resp: 1613187

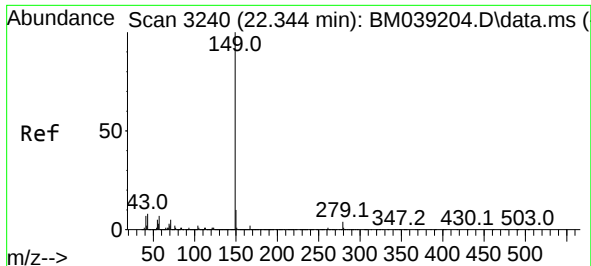
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 3.7 3.4 5.2

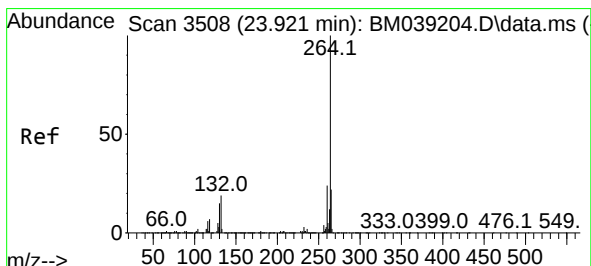
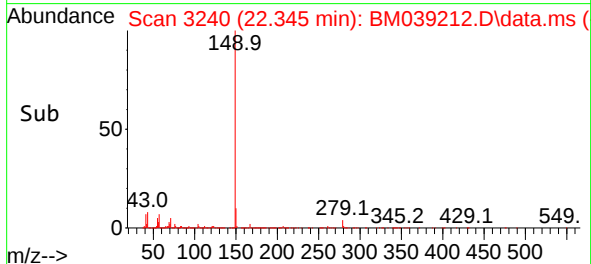
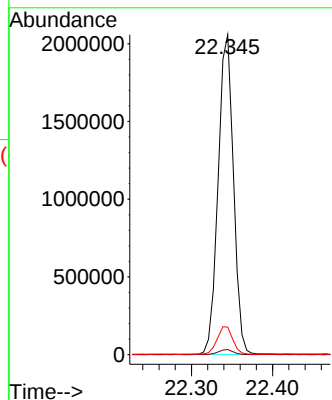
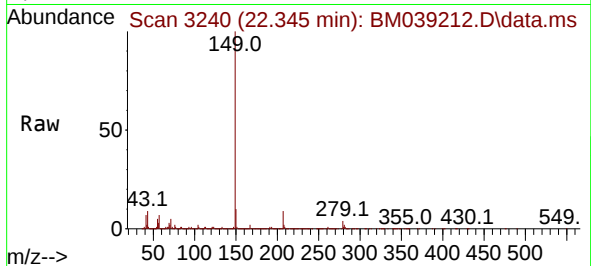




#85
Di-n-octyl phthalate
Concen: 43.955 ng
RT: 22.345 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

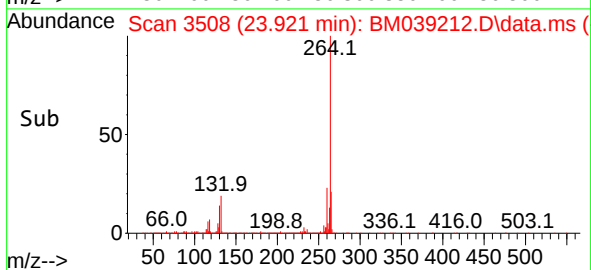
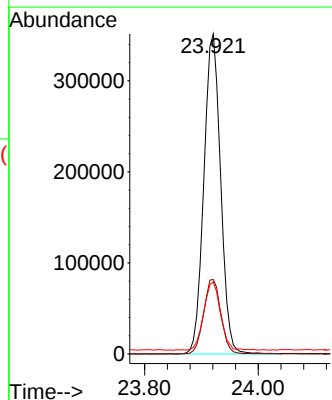
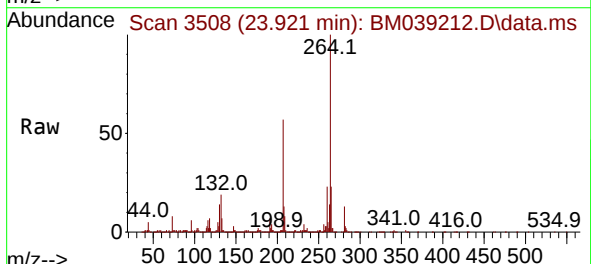
Instrument :
BNA_M
ClientSampleId :
PB151623BS

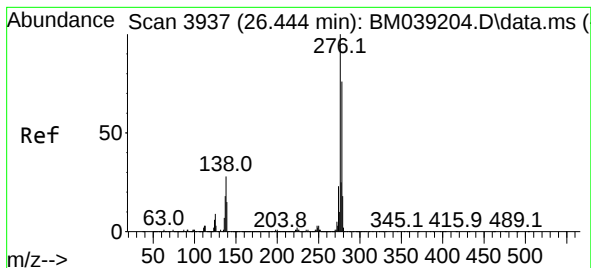
Tgt Ion:149 Resp: 2703193
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:264 Resp: 718930
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 22.5 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.559 ng

RT: 26.433 min Scan# 3935

Delta R.T. -0.012 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Instrument :

BNA_M

ClientSampleId :

PB151623BS

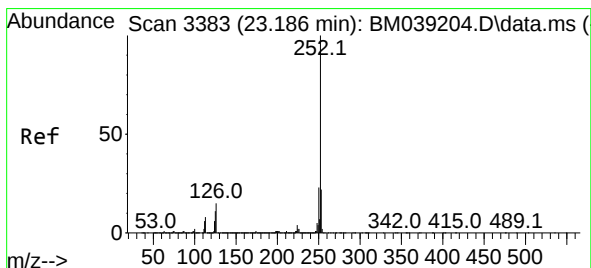
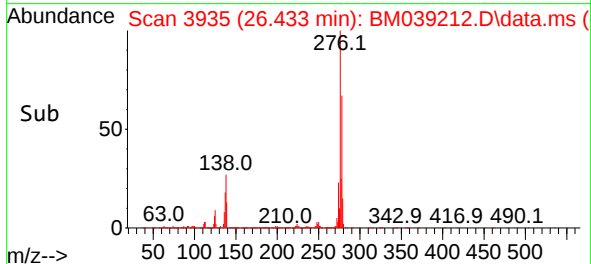
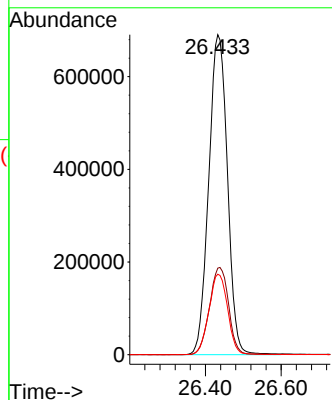
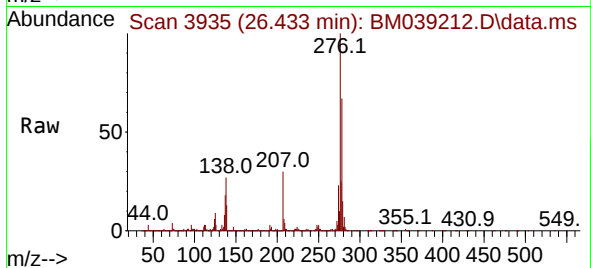
Tgt Ion:276 Resp: 2360319

Ion Ratio Lower Upper

276 100

138 27.9 22.2 33.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.100 ng

RT: 23.186 min Scan# 3383

Delta R.T. 0.000 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

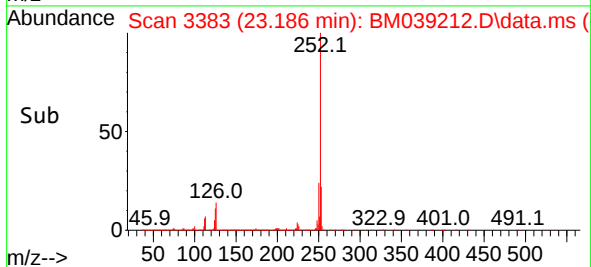
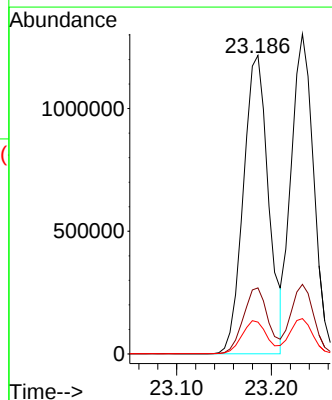
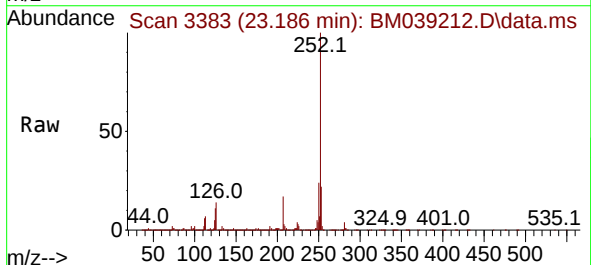
Tgt Ion:252 Resp: 2247901

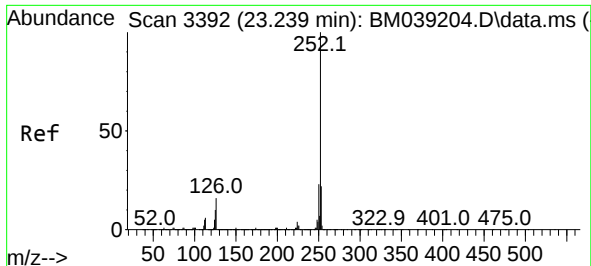
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.7 9.0 13.6

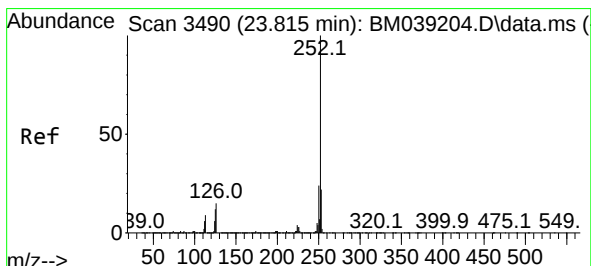
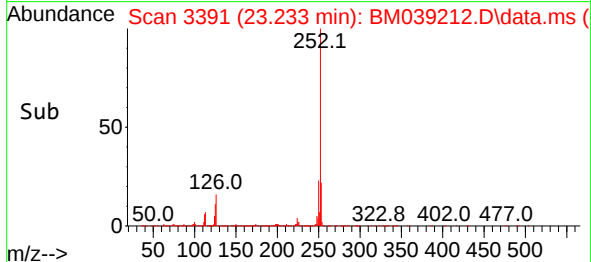
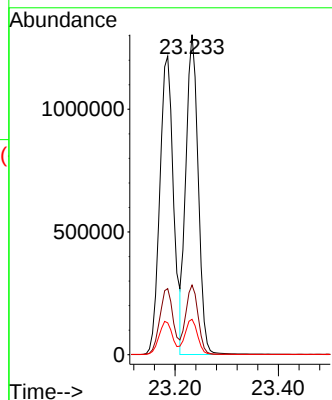
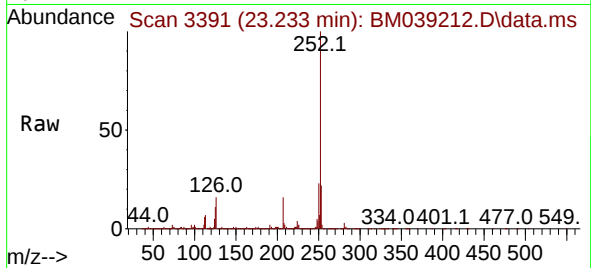




#89
Benzo(k)fluoranthene
Concen: 48.115 ng
RT: 23.233 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

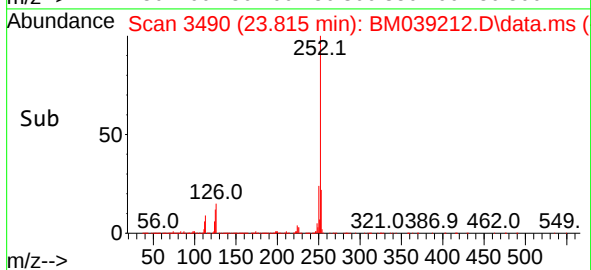
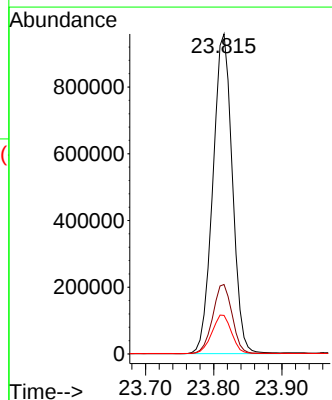
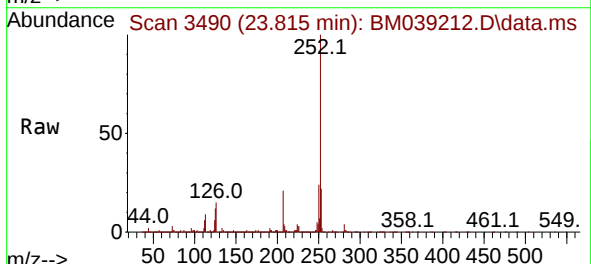
Instrument :
BNA_M
ClientSampleId :
PB151623BS

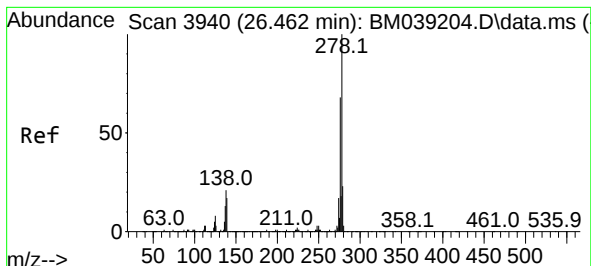
Tgt Ion:252 Resp: 2155940
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 44.112 ng
RT: 23.815 min Scan# 3490
Delta R.T. 0.000 min
Lab File: BM039212.D
Acq: 29 Mar 2023 19:41

Tgt Ion:252 Resp: 1906243
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.1 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 44.716 ng

RT: 26.450 min Scan# 3940

Delta R.T. -0.012 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Instrument :

BNA_M

ClientSampleId :

PB151623BS

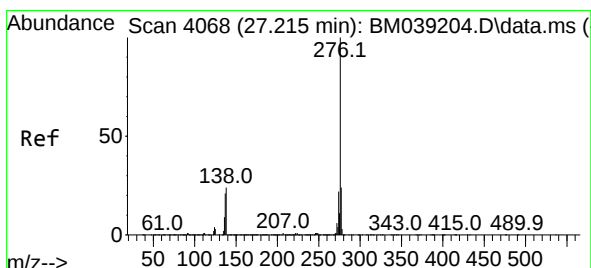
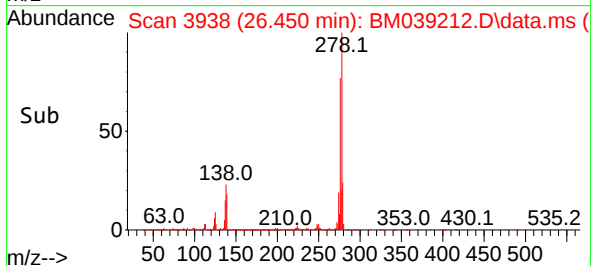
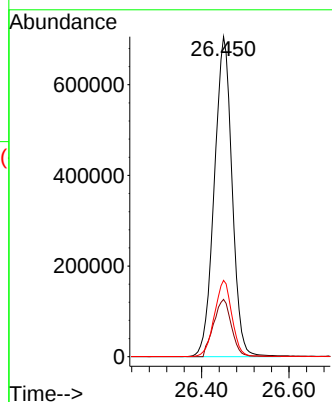
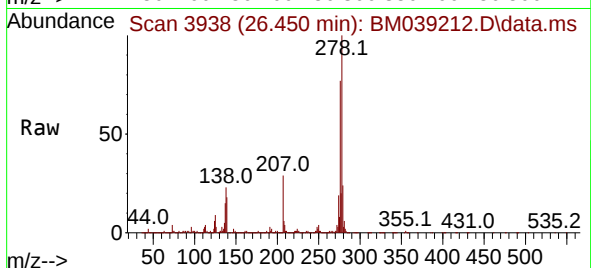
Tgt Ion:278 Resp: 1988924

Ion Ratio Lower Upper

278 100

139 17.9 13.9 20.9

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 43.633 ng

RT: 27.209 min Scan# 4067

Delta R.T. -0.006 min

Lab File: BM039212.D

Acq: 29 Mar 2023 19:41

Tgt Ion:276 Resp: 1908584

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 24.3 19.5 29.3

