

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039236.D
 Acq On : 30 Mar 2023 20:59
 Operator : CG/JU
 Sample : 02117-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-8-032823MS

Quant Time: Mar 31 02:42:01 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	7.922	152	242046	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	929161	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	482287	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	874014	20.000	ng	0.00
76) Chrysene-d12	21.503	240	690340	20.000	ng	0.00
86) Perylene-d12	23.915	264	933256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1637099	101.900	ng	0.00
7) Phenol-d6	7.093	99	2032748	97.824	ng	0.00
23) Nitrobenzene-d5	9.092	82	1277631	66.830	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	575970	94.079	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	2464246	69.229	ng	0.00
79) Terphenyl-d14	19.939	244	2623406	70.210	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	281479	42.864	ng	98
3) Pyridine	3.757	79	716639	38.955	ng	99
4) n-Nitrosodimethylamine	3.669	42	326236	45.154	ng	100
6) Aniline	7.251	93	514701	20.013	ng	98
8) 2-Chlorophenol	7.487	128	792281	48.182	ng	100
9) Benzaldehyde	7.057	77	503752	42.569	ng	99
10) Phenol	7.122	94	994974	47.780	ng	99
11) bis(2-Chloroethyl)ether	7.345	93	798651	47.673	ng	100
12) 1,3-Dichlorobenzene	7.810	146	868414	49.799	ng	99
13) 1,4-Dichlorobenzene	7.957	146	878988	49.849	ng	99
14) 1,2-Dichlorobenzene	8.275	146	837275	49.658	ng	99
15) Benzyl Alcohol	8.169	79	674308	47.180	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1034095	48.259	ng	99
17) 2-Methylphenol	8.375	107	639735	43.910	ng	99
18) Hexachloroethane	9.004	117	343331	50.336	ng	98
19) n-Nitroso-di-n-propyla...	8.740	70	589016	44.343	ng	99
20) 3+4-Methylphenols	8.704	107	855801	43.713	ng	98
22) Acetophenone	8.757	105	1179066	47.460	ng	# 98
24) Nitrobenzene	9.134	77	870164	45.761	ng	100
25) Isophorone	9.663	82	1586938	44.496	ng	100
26) 2-Nitrophenol	9.845	139	416572	47.391	ng	99
27) 2,4-Dimethylphenol	9.910	122	695380	47.613	ng	99
28) bis(2-Chloroethoxy)met...	10.145	93	1008309	46.704	ng	100
29) 2,4-Dichlorophenol	10.386	162	671159	47.100	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	743721	48.785	ng	99
31) Naphthalene	10.786	128	2306537	46.069	ng	100
32) Benzoic acid	10.057	122	508037	44.631	ng	99
33) 4-Chloroaniline	10.904	127	176149	8.031	ng	99
34) Hexachlorobutadiene	11.069	225	437754	48.834	ng	100
35) Caprolactam	11.698	113	200015	40.425	ng	99
36) 4-Chloro-3-methylphenol	12.028	107	686507	43.666	ng	98
37) 2-Methylnaphthalene	12.392	142	1506683	43.229	ng	100
38) 1-Methylnaphthalene	12.616	142	1391537	42.639	ng	100
40) 1,2,4,5-Tetrachloroben...	12.763	216	766410	52.194	ng	99
41) Hexachlorocyclopentadiene	12.739	237	808190	100.747	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	496113	49.541	ng	99

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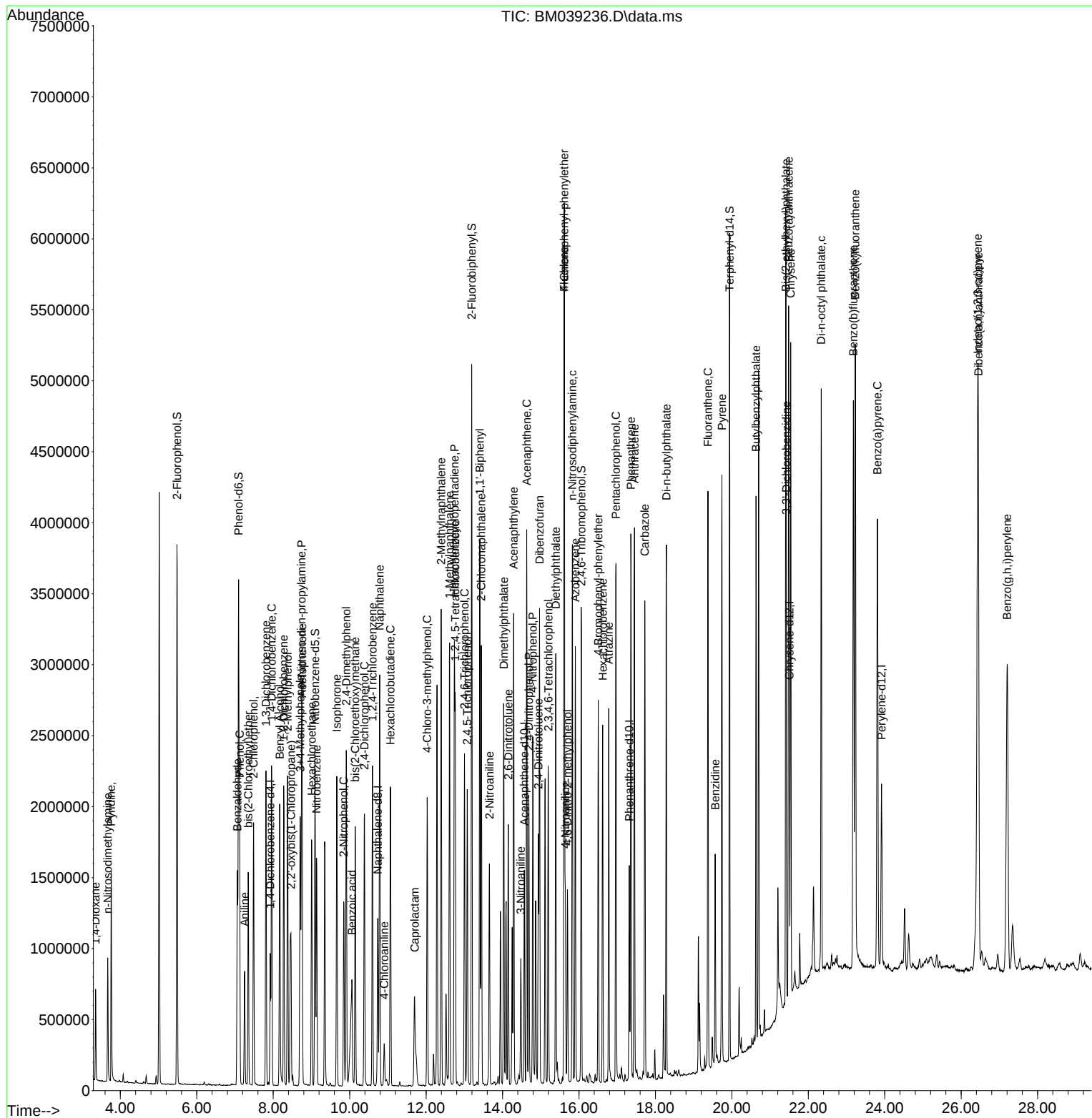
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	525487	44.761	ng	99
46) 1,1'-Biphenyl	13.404	154	1912559	50.218	ng	100
47) 2-Chloronaphthalene	13.445	162	1447555	50.198	ng	99
48) 2-Nitroaniline	13.657	65	432212	44.539	ng	98
49) Acenaphthylene	14.292	152	2202846	46.479	ng	99
50) Dimethylphthalate	14.033	163	1684458	45.320	ng	99
51) 2,6-Dinitrotoluene	14.151	165	364198	45.565	ng	98
52) Acenaphthene	14.633	154	1304280	46.605	ng	99
53) 3-Nitroaniline	14.480	138	222035	24.029	ng	97
54) 2,4-Dinitrophenol	14.686	184	415264	87.729	ng	99
55) Dibenzofuran	14.969	168	2036371	45.197	ng	99
56) 4-Nitrophenol	14.792	139	647942	90.935	ng	98
57) 2,4-Dinitrotoluene	14.939	165	475884	44.012	ng	97
58) Fluorene	15.616	166	1601686	44.893	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	421453	45.126	ng	100
60) Diethylphthalate	15.392	149	1655441	44.250	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	802597	45.391	ng	99
62) 4-Nitroaniline	15.645	138	356234	37.569	ng	99
63) Azobenzene	15.904	77	1692382	45.153	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	256082	44.536	ng	100
66) n-Nitrosodiphenylamine	15.827	169	1348791	48.973	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	467462	50.082	ng	98
68) Hexachlorobenzene	16.621	284	513508	50.738	ng	99
69) Atrazine	16.780	200	430610	49.364	ng	99
70) Pentachlorophenol	16.968	266	643275	88.591	ng	99
71) Phenanthrene	17.357	178	2246060	46.922	ng	100
72) Anthracene	17.451	178	2271352	46.535	ng	100
73) Carbazole	17.721	167	2054273	45.041	ng	100
74) Di-n-butylphthalate	18.286	149	2693745	47.745	ng	99
75) Fluoranthene	19.374	202	2305567	42.253	ng	100
77) Benzidine	19.562	184	837901	46.017	ng	100
78) Pyrene	19.739	202	2387473	48.580	ng	99
80) Butylbenzylphthalate	20.633	149	1071675	47.599	ng	98
81) Benzo(a)anthracene	21.486	228	2311764	47.482	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	607451	37.453	ng	100
83) Chrysene	21.539	228	2195820	46.719	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1582123	47.580	ng	100
85) Di-n-octyl phthalate	22.339	149	2846190	47.508	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	3485689	50.692	ng	100
88) Benzo(b)fluoranthene	23.180	252	2692259	47.147	ng	100
89) Benzo(k)fluoranthene	23.227	252	2678646	46.052	ng	98
90) Benzo(a)pyrene	23.809	252	2491055	44.406	ng	100
91) Dibenzo(a,h)anthracene	26.450	278	2898399	50.199	ng	99
92) Benzo(g,h,i)perylene	27.203	276	2870101	50.546	ng	99

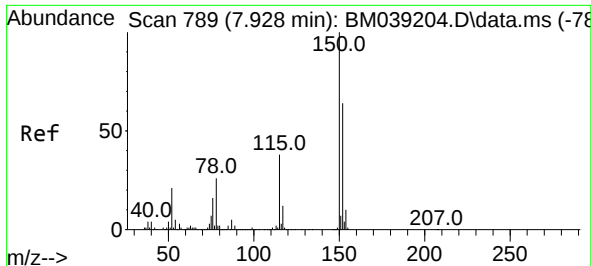
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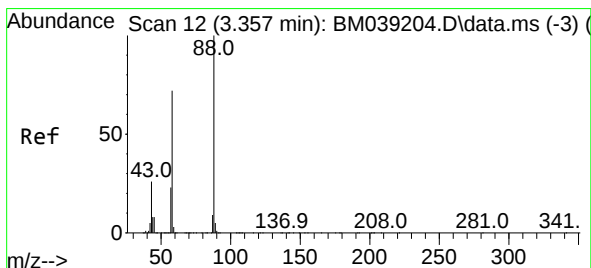
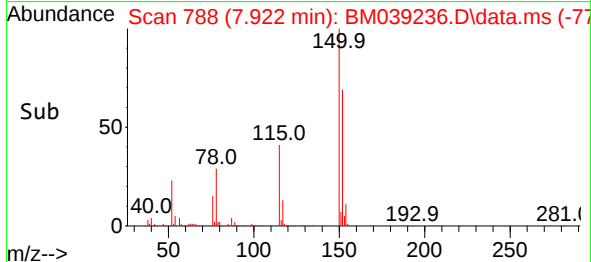
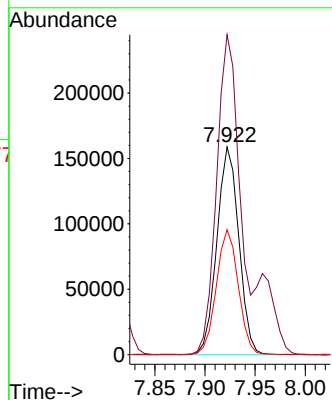
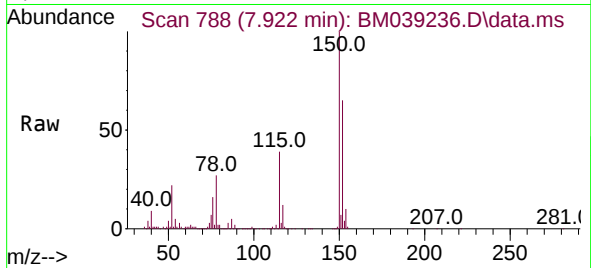




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 78
 Delta R.T. -0.006 min
 Lab File: BM039236.D
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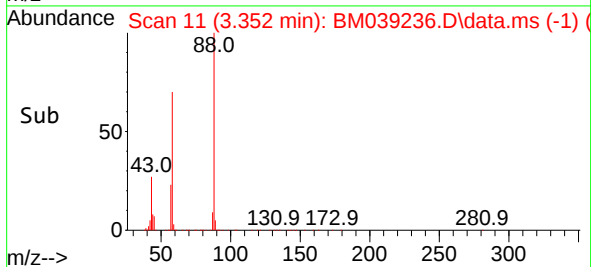
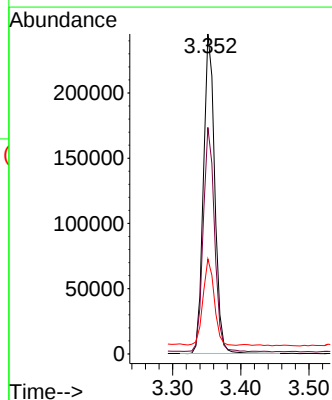
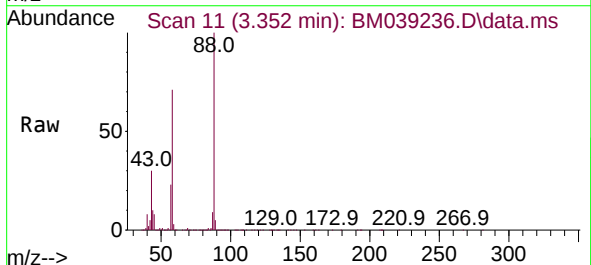
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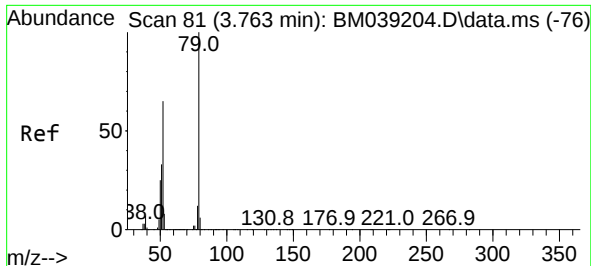
Tgt Ion:152 Resp: 242046
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.5 188.3
 115 60.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: 42.864 ng
 RT: 3.352 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM039236.D
 Acq: 30 Mar 2023 20:59

Tgt Ion: 88 Resp: 281479
 Ion Ratio Lower Upper
 88 100
 58 70.1 57.9 86.9
 43 26.8 21.4 32.2

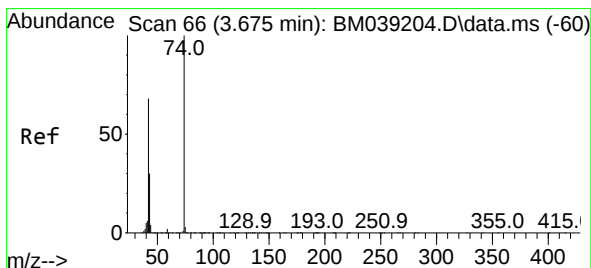
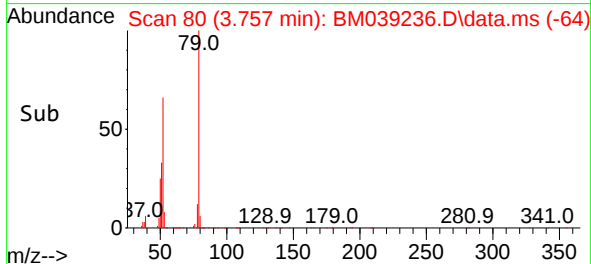
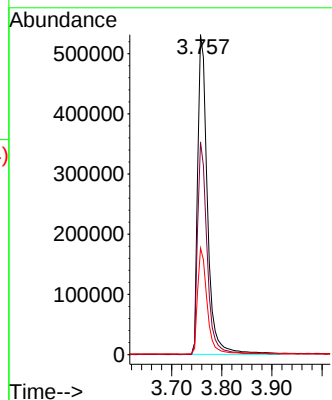
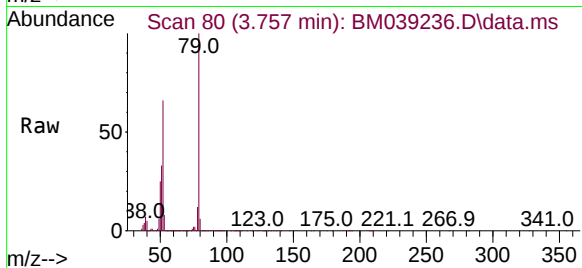




#3
 Pyridine
 Concen: 38.955 ng
 RT: 3.757 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM039236.D
 Acq: 30 Mar 2023 20:59

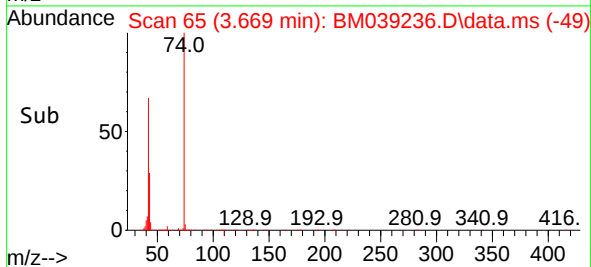
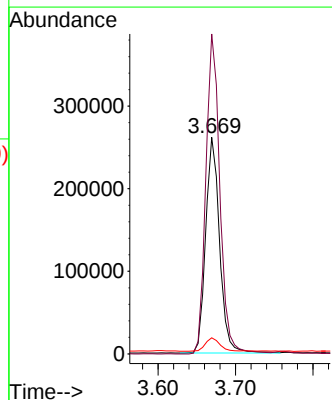
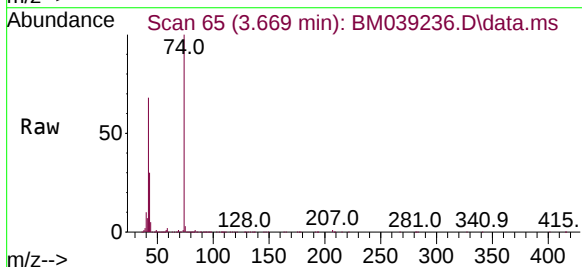
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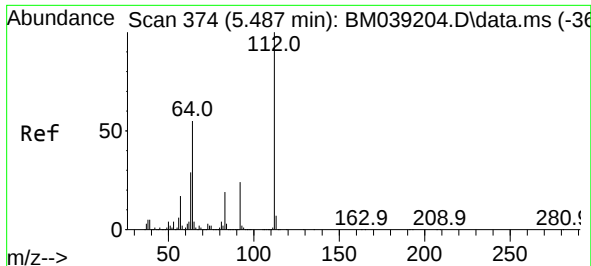
Tgt Ion: 79 Resp: 716639
 Ion Ratio Lower Upper
 79 100
 52 66.5 52.0 78.0
 51 33.3 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 45.154 ng
 RT: 3.669 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BM039236.D
 Acq: 30 Mar 2023 20:59

Tgt Ion: 42 Resp: 326236
 Ion Ratio Lower Upper
 42 100
 74 147.7 118.1 177.1
 44 7.4 6.3 9.5

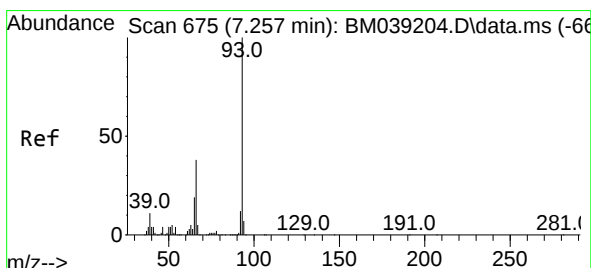
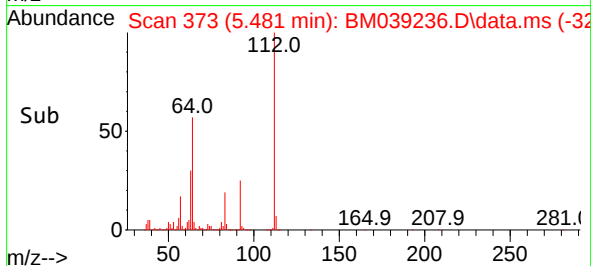
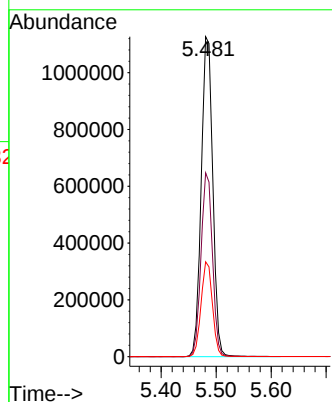
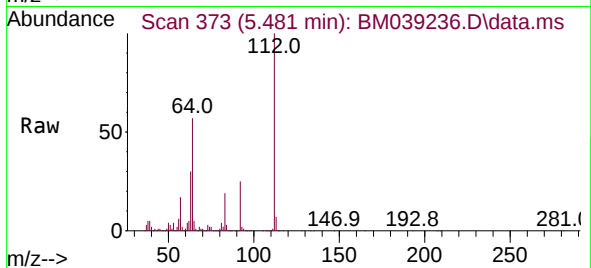




#5
2-Fluorophenol
Concen: 101.900 ng
RT: 5.481 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

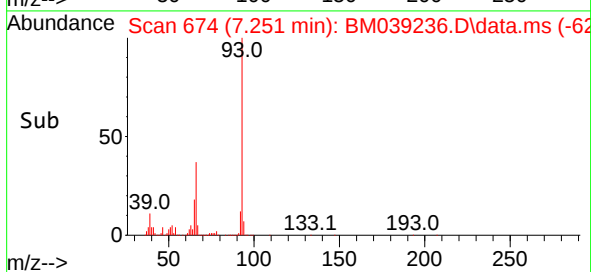
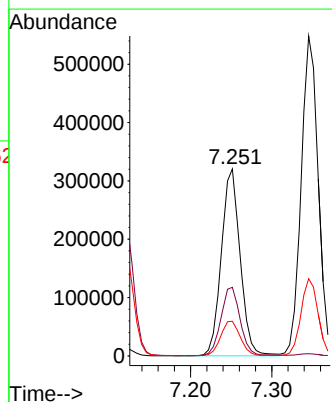
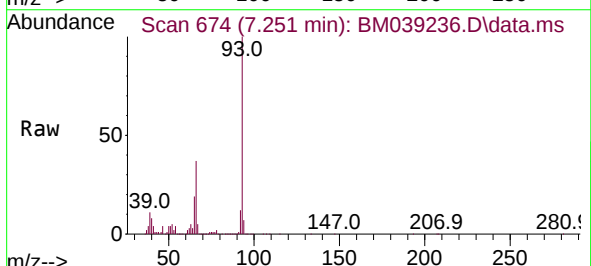
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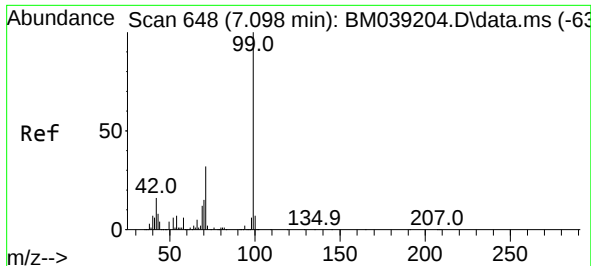
Tgt Ion:112 Resp: 1637099
Ion Ratio Lower Upper
112 100
64 57.4 44.3 66.5
63 29.6 23.0 34.6



#6
Aniline
Concen: 20.013 ng
RT: 7.251 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion: 93 Resp: 514701
Ion Ratio Lower Upper
93 100
66 36.7 30.1 45.1
65 18.5 15.5 23.3

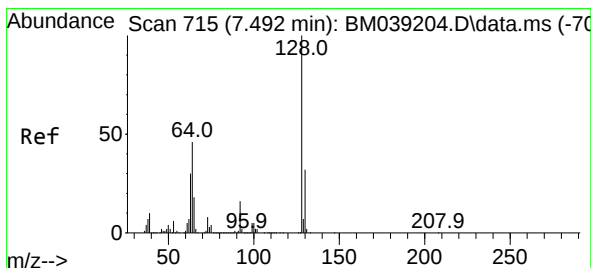
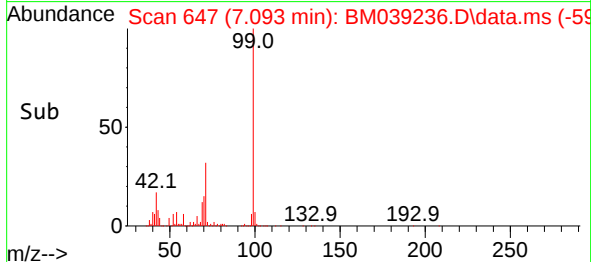
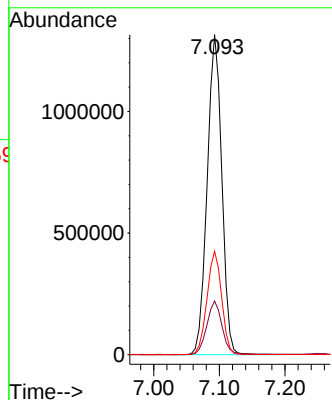
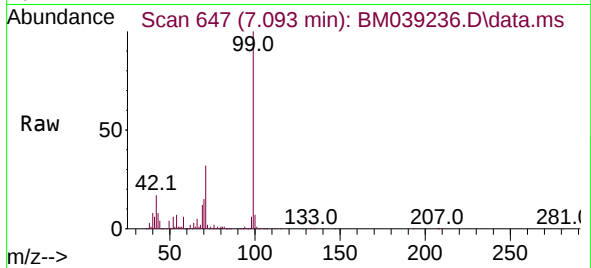




#7
Phenol-d6
Concen: 97.824 ng
RT: 7.093 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039236.D
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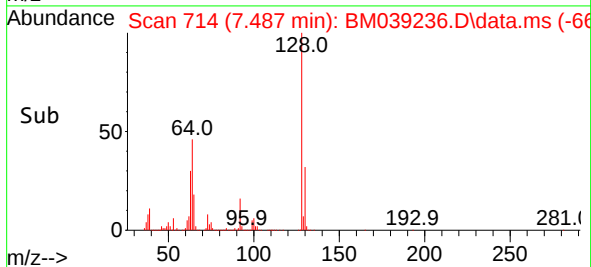
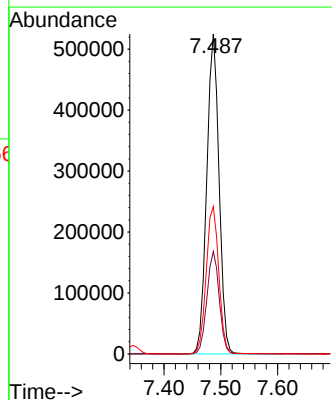
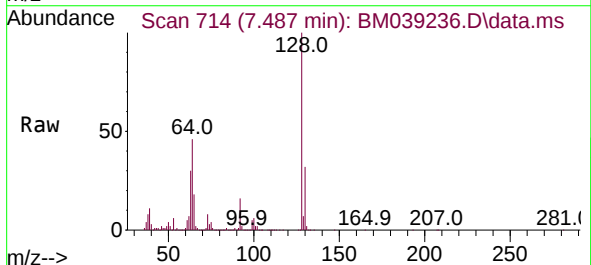
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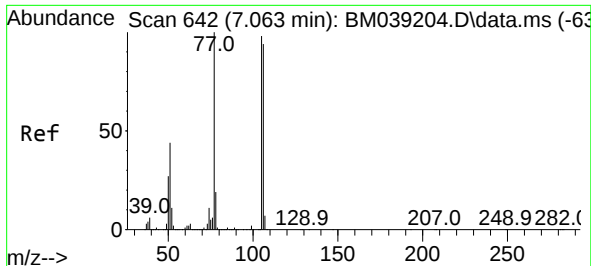
Tgt Ion: 99 Resp: 2032748
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.6
71 32.3 25.5 38.3



#8
2-Chlorophenol
Concen: 48.182 ng
RT: 7.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion: 128 Resp: 792281
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 46.0 25.9 65.9

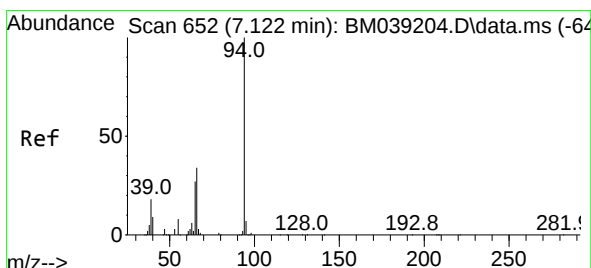
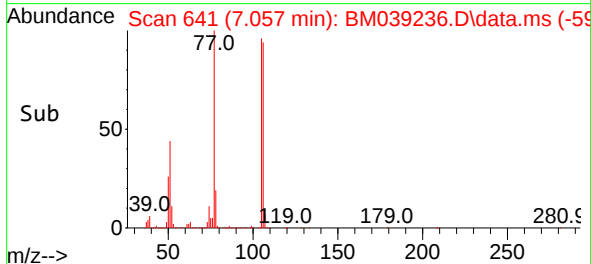
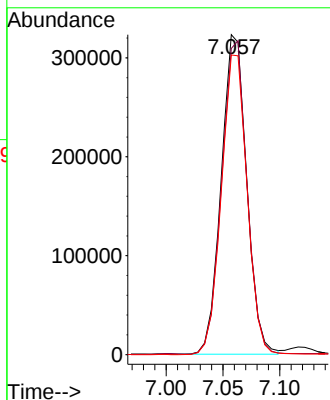
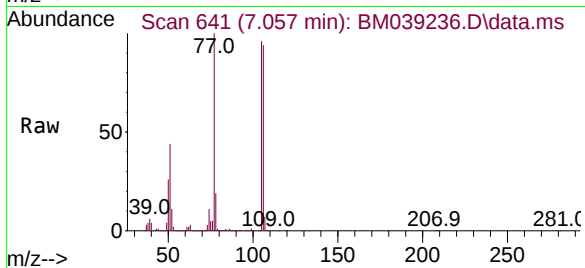




#9
Benzaldehyde
Concen: 42.569 ng
RT: 7.057 min Scan# 641
Delta R.T. -0.006 min
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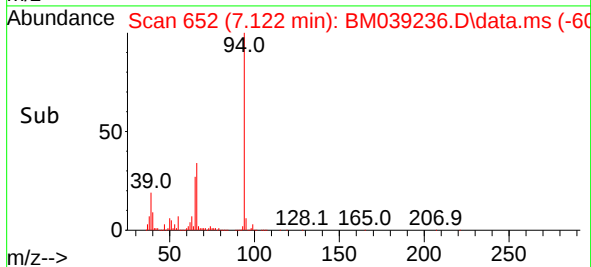
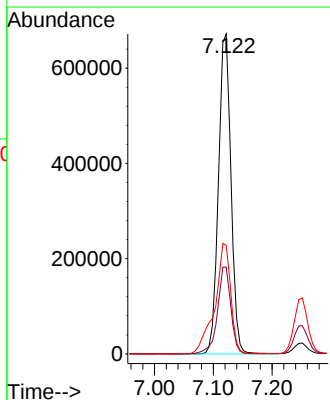
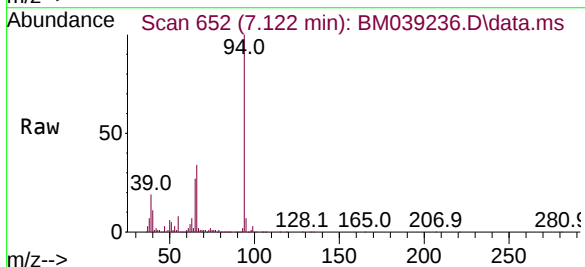
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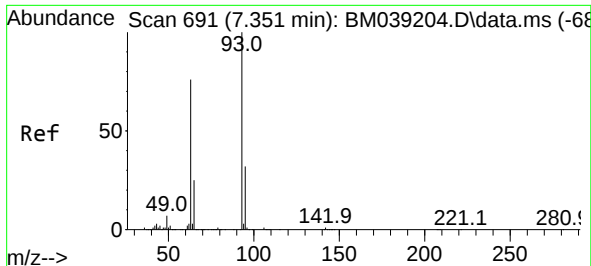
Tgt Ion: 77 Resp: 503752
Ion Ratio Lower Upper
77 100
105 95.7 78.2 118.2
106 93.6 73.8 113.8



#10
Phenol
Concen: 47.780 ng
RT: 7.122 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion: 94 Resp: 994974
Ion Ratio Lower Upper
94 100
65 27.1 7.2 47.2
66 33.9 15.2 55.2

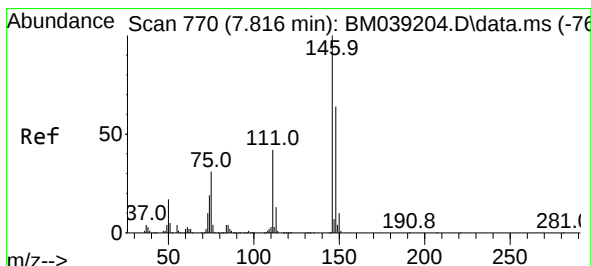
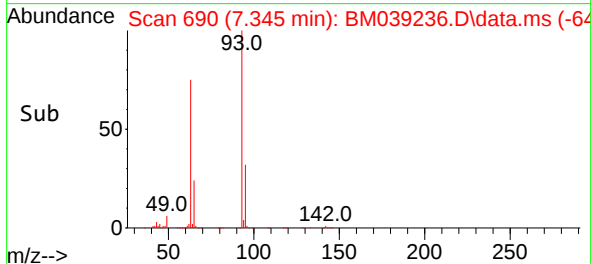
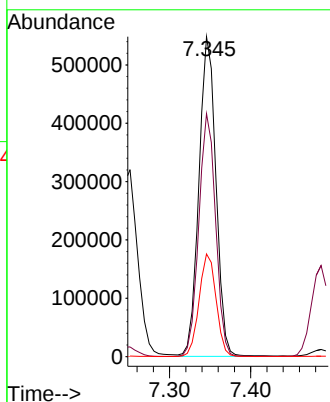
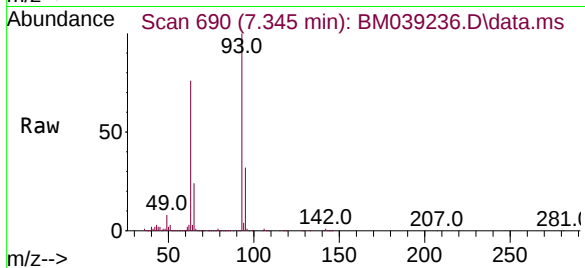




#11
bis(2-Chloroethyl)ether
Concen: 47.673 ng
RT: 7.345 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

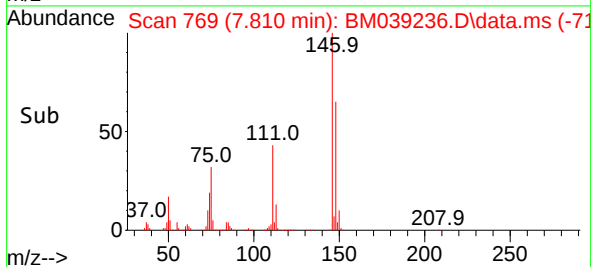
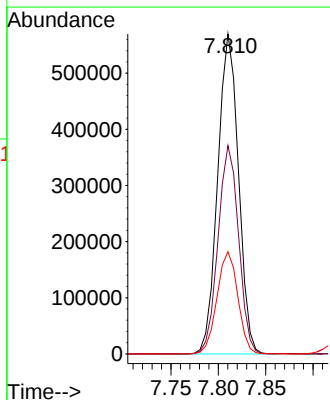
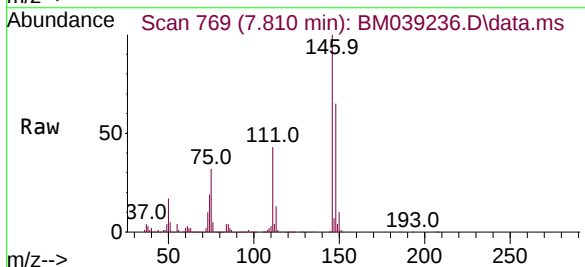
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

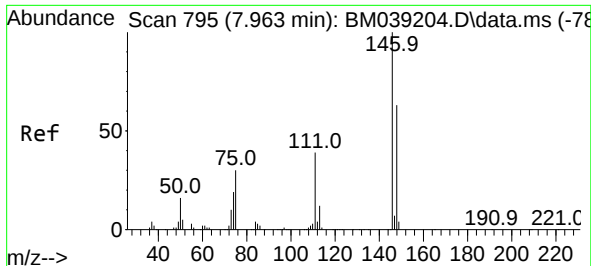
Tgt Ion: 93 Resp: 798651
Ion Ratio Lower Upper
93 100
63 75.9 55.5 95.5
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.799 ng
RT: 7.810 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion: 146 Resp: 868414
Ion Ratio Lower Upper
146 100
148 65.1 51.2 76.8
75 31.9 25.2 37.8

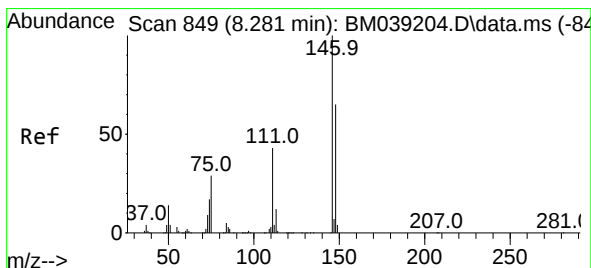
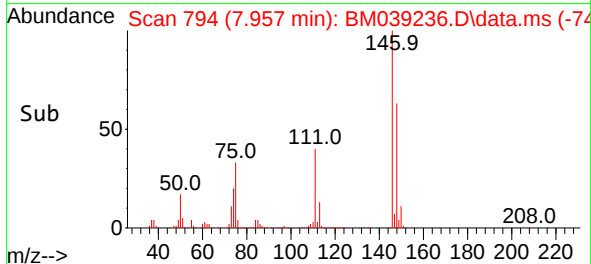
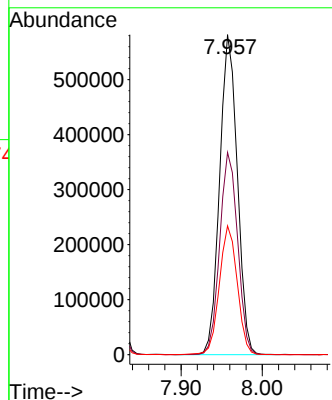
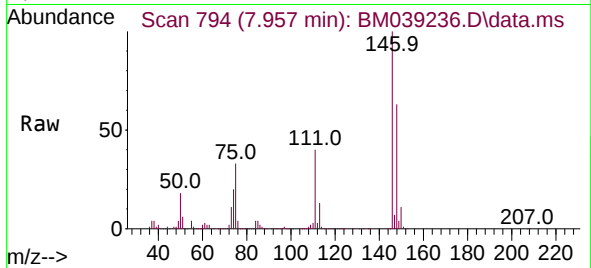




#13
1,4-Dichlorobenzene
Concen: 49.849 ng
RT: 7.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

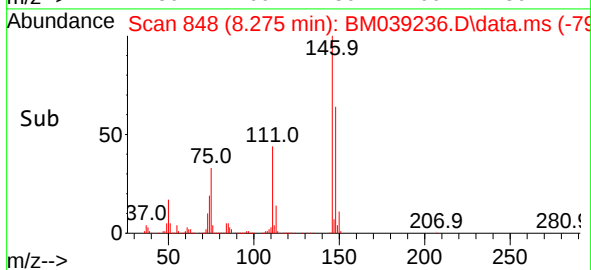
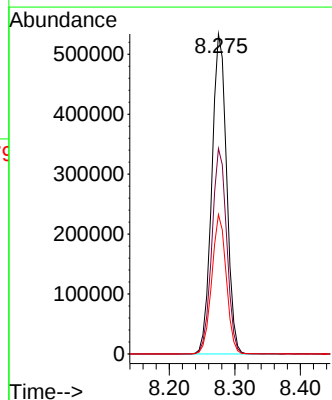
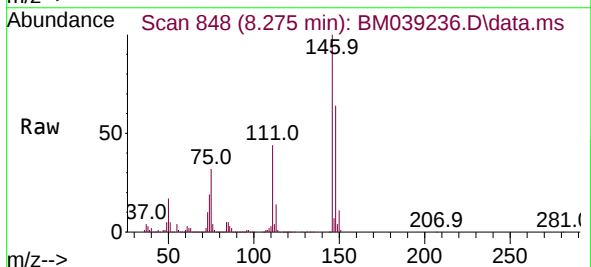
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

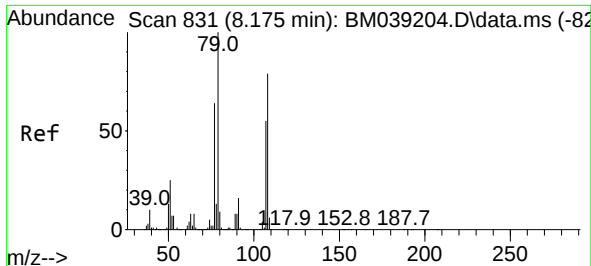
Tgt Ion:146 Resp: 878988
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 40.2 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 49.658 ng
RT: 8.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:146 Resp: 837275
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
111 43.6 34.5 51.7

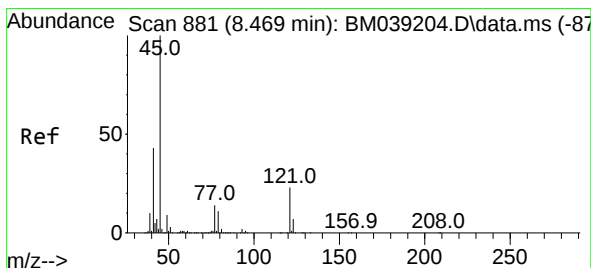
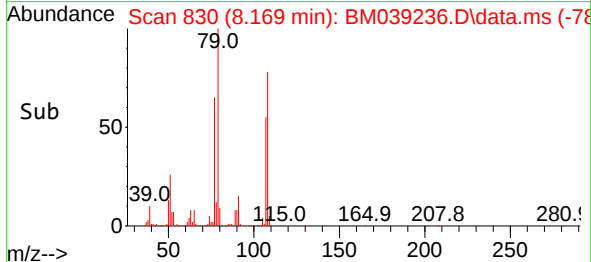
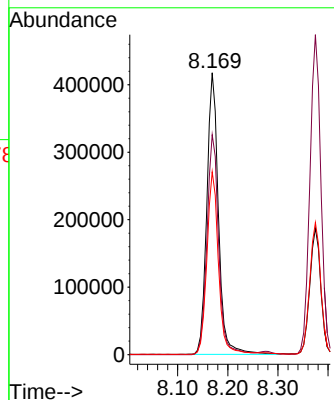
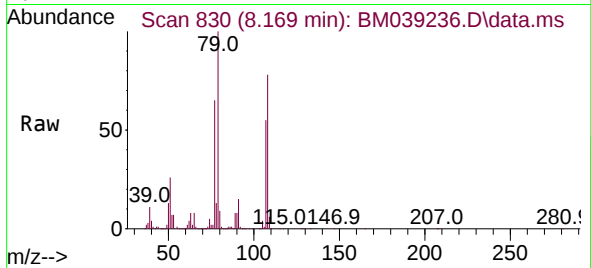




#15
Benzyl Alcohol
Concen: 47.180 ng
RT: 8.169 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

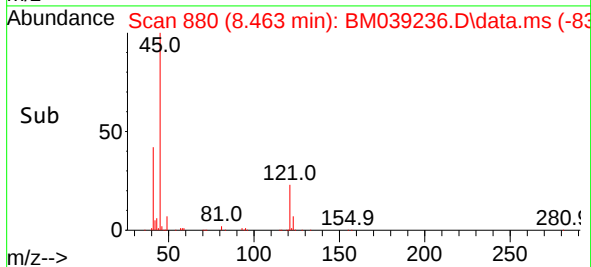
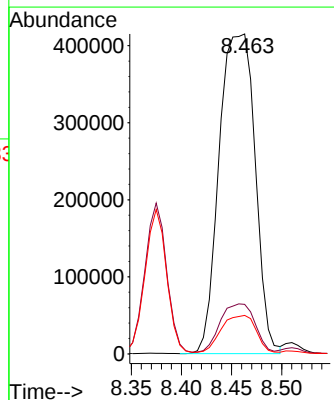
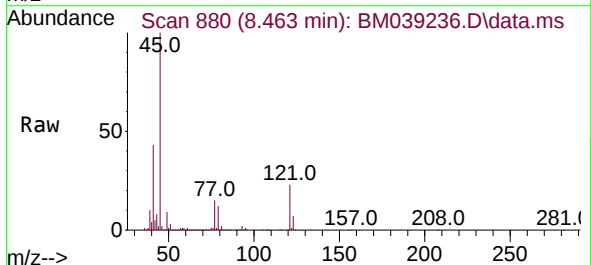
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

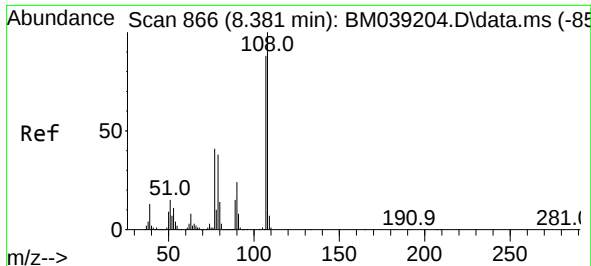
Tgt Ion: 79 Resp: 674308
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 64.9 51.5 77.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.259 ng
RT: 8.463 min Scan# 880
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion: 45 Resp: 1034095
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.1
79 12.0 0.0 32.2

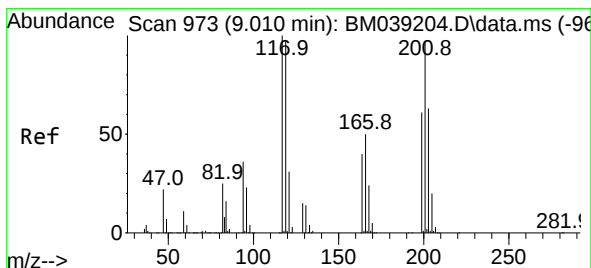
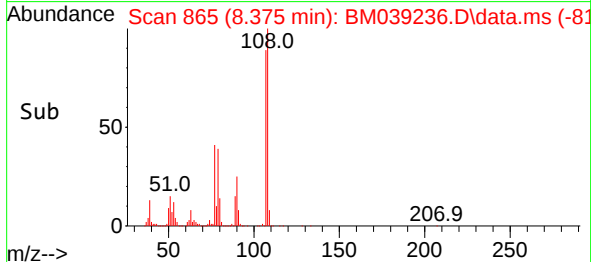
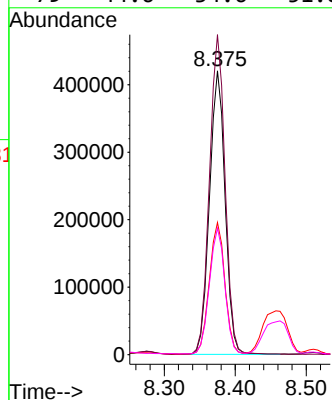
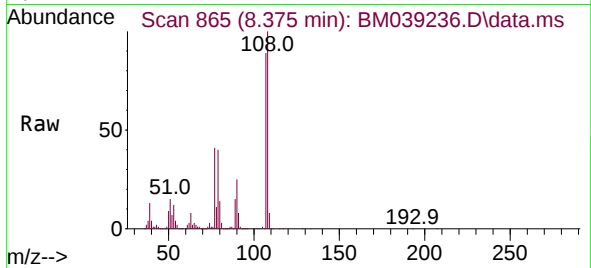




#17
2-Methylphenol
Concen: 43.910 ng
RT: 8.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

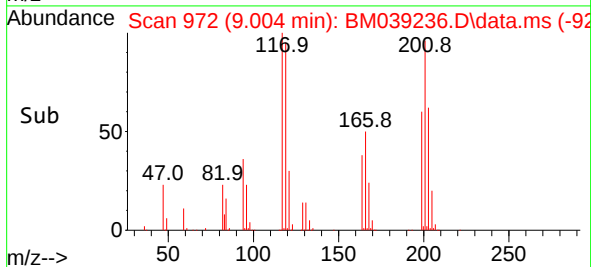
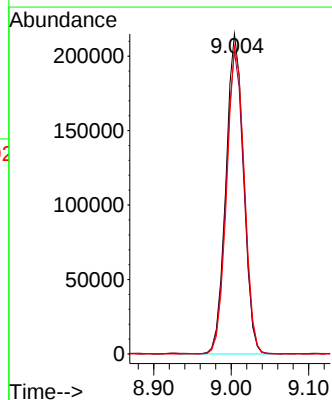
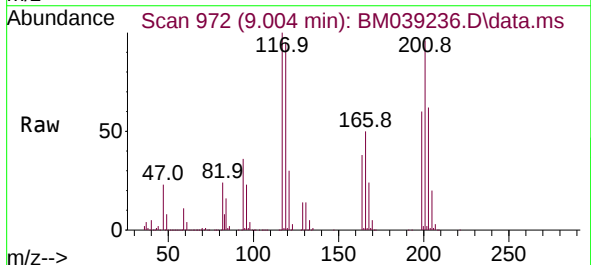
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

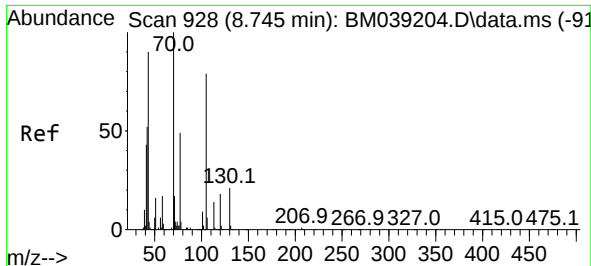
Tgt Ion:	107	Resp:	639735
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	136.0
77	46.5	37.0	55.4
79	44.6	34.6	51.8



#18
Hexachloroethane
Concen: 50.336 ng
RT: 9.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:	117	Resp:	343331
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.8	116.8
201	96.2	77.3	115.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.343 ng

RT: 8.740 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

Tgt Ion: 70 Resp: 589016

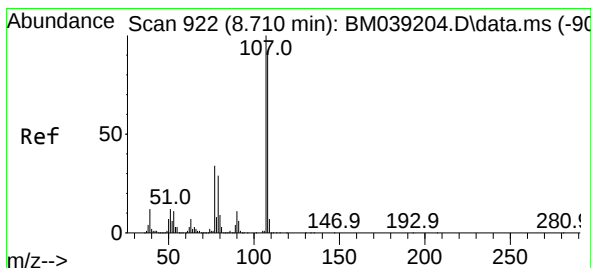
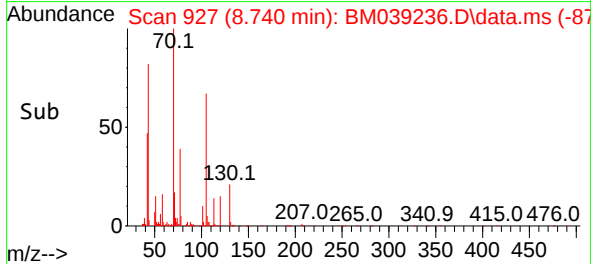
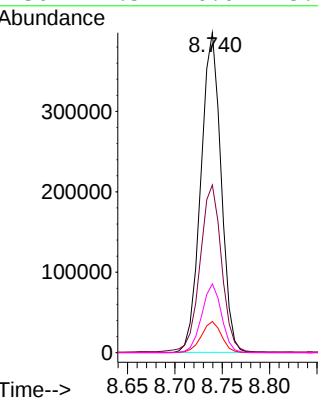
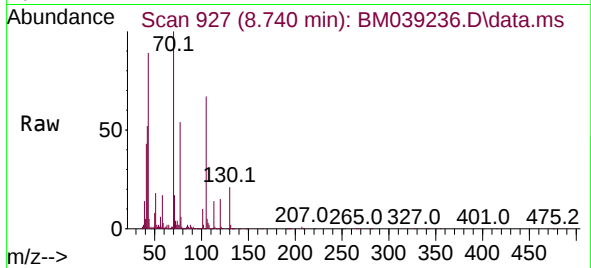
Ion Ratio Lower Upper

70 100

42 52.4 42.2 63.2

101 9.7 7.6 11.4

130 21.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 43.713 ng

RT: 8.704 min Scan# 921

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Tgt Ion: 107 Resp: 855801

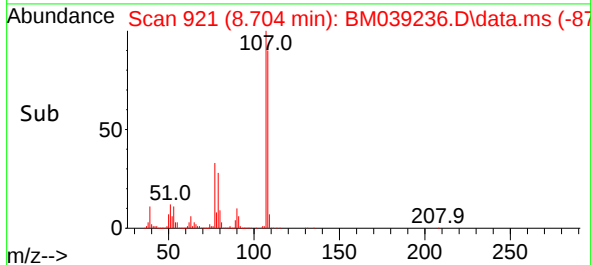
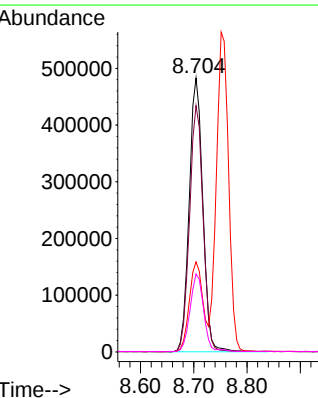
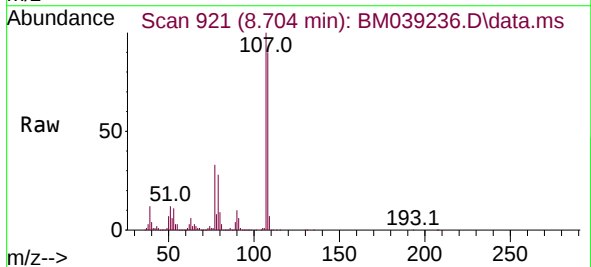
Ion Ratio Lower Upper

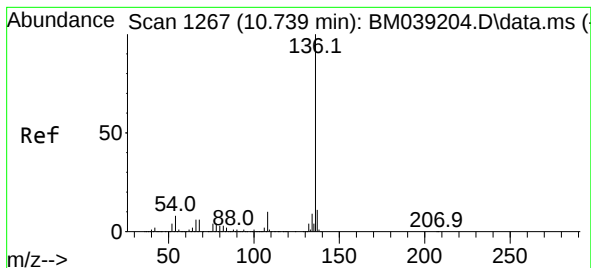
107 100

108 89.9 72.1 112.1

77 32.8 13.7 53.7

79 28.4 8.6 48.6

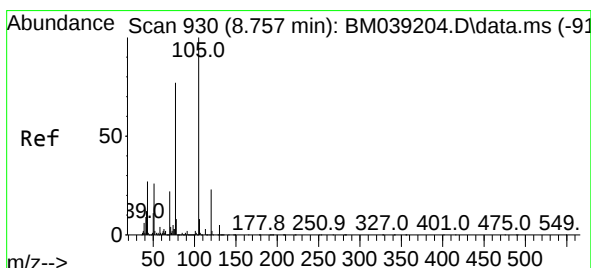
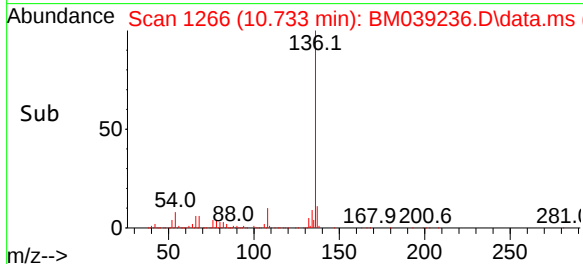
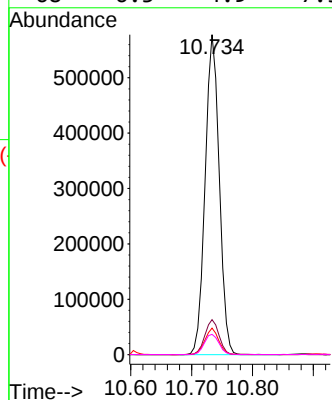
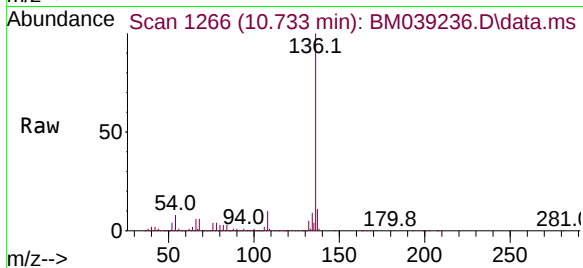




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

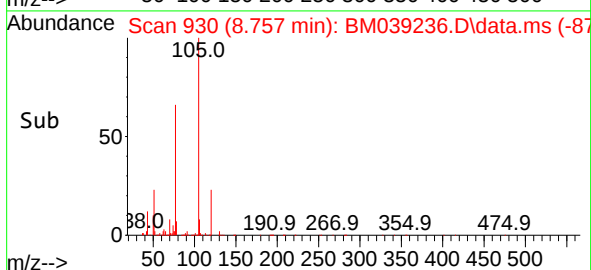
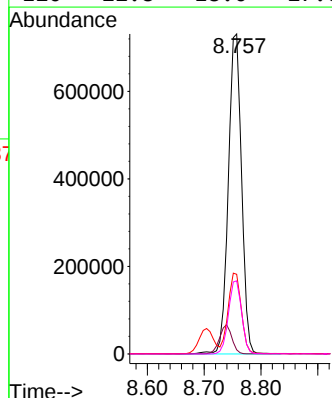
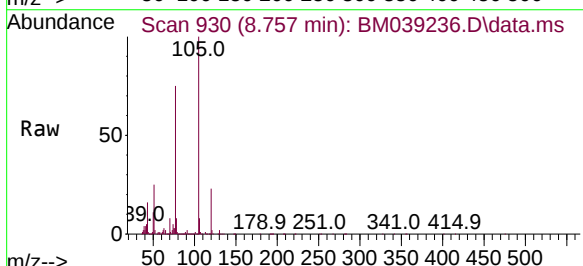
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

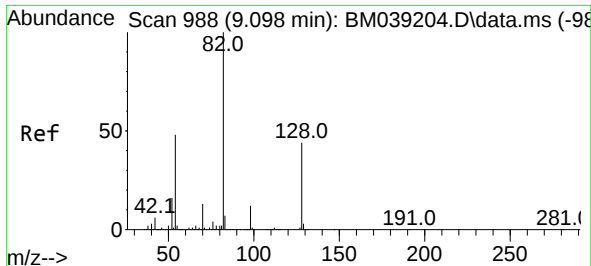
Tgt Ion:	136	Resp:	929161
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.2	9.4
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 47.460 ng
RT: 8.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:	105	Resp:	1179066
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.8	4.2#
51	24.9	20.6	31.0
120	22.8	18.0	27.0





#23

Nitrobenzene-d5

Concen: 66.830 ng

RT: 9.092 min Scan# 988

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

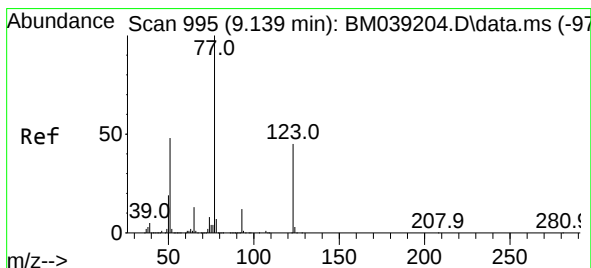
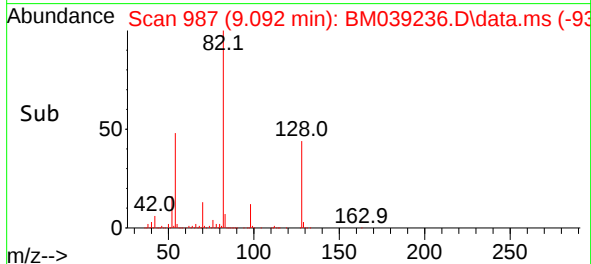
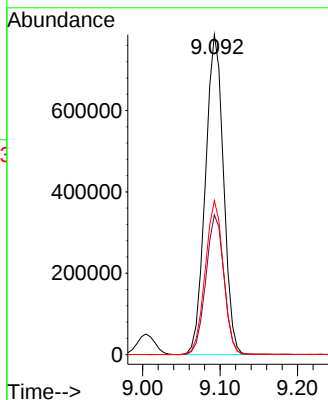
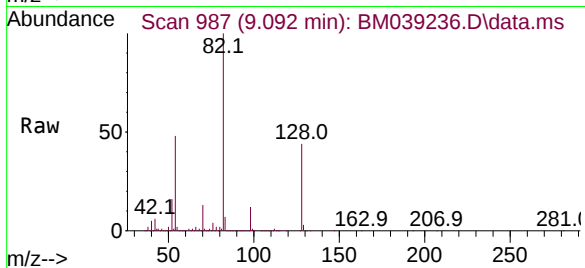
BNA_M

ClientSampleId :

NB-8-032823MS

Tgt Ion: 82 Resp: 1277631

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.1	52.7
54	48.1	38.5	57.7



#24

Nitrobenzene

Concen: 45.761 ng

RT: 9.134 min Scan# 994

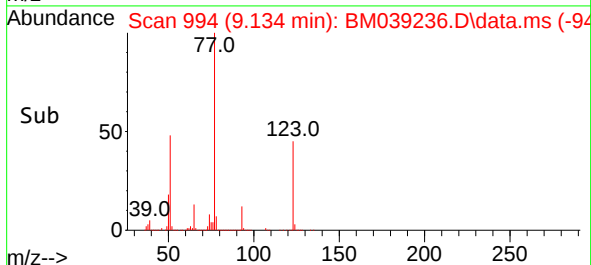
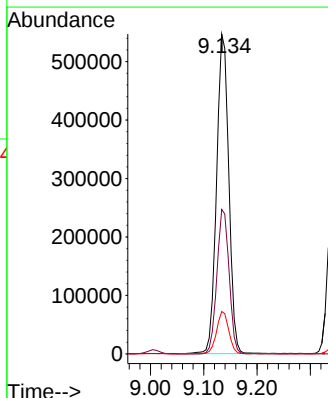
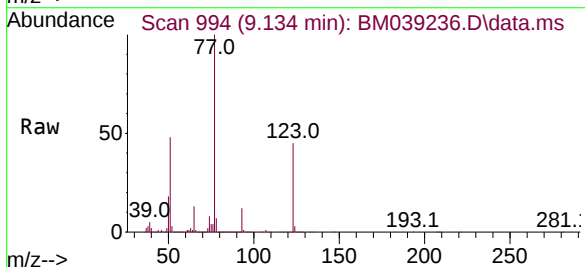
Delta R.T. -0.006 min

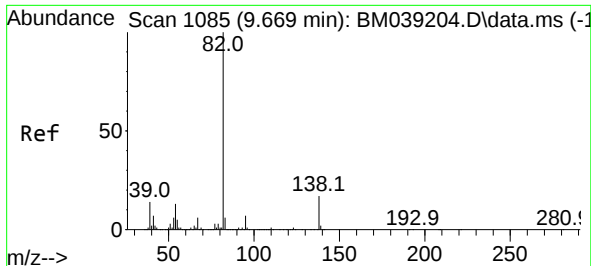
Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Tgt Ion: 77 Resp: 870164

Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.2	54.2
65	13.2	10.6	15.8

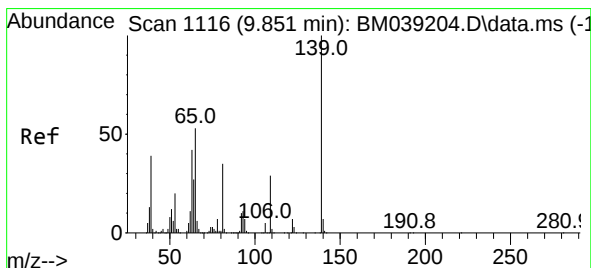
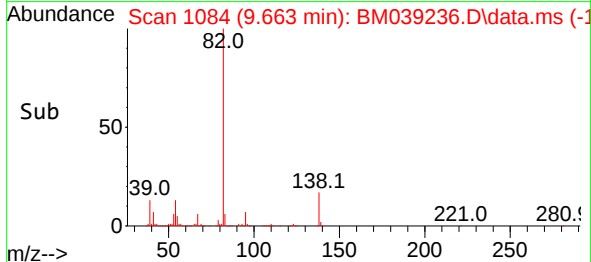
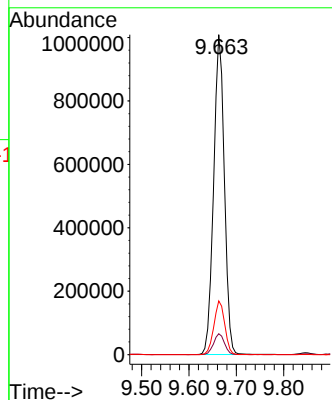
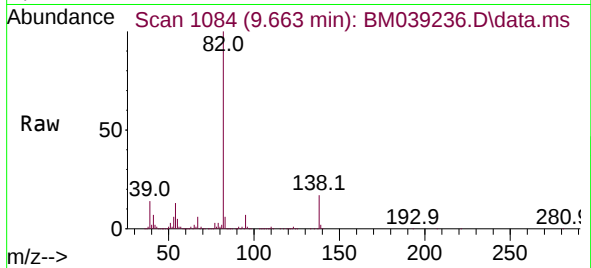




#25
Isophorone
Concen: 44.496 ng
RT: 9.663 min Scan# 1084
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

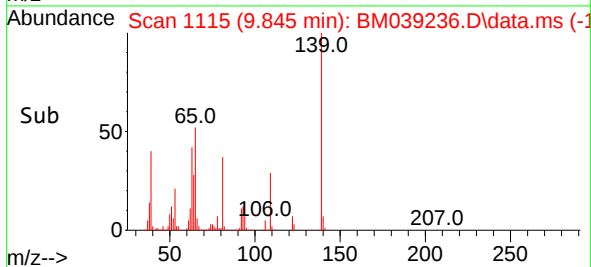
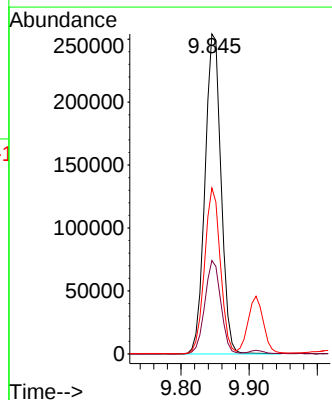
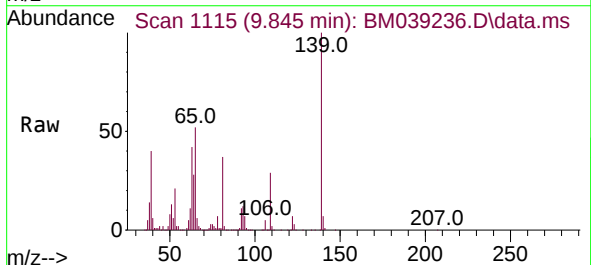
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

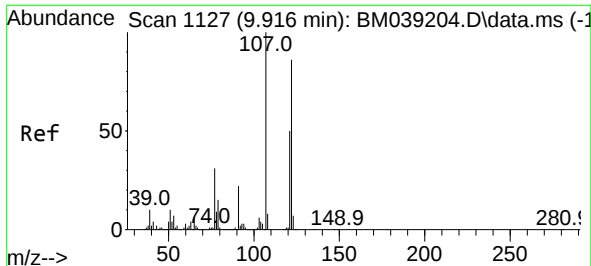
Tgt Ion: 82 Resp: 1586938
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.8 13.5 20.3



#26
2-Nitrophenol
Concen: 47.391 ng
RT: 9.845 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion: 139 Resp: 416572
Ion Ratio Lower Upper
139 100
109 29.2 23.4 35.0
65 51.8 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 47.613 ng

RT: 9.910 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

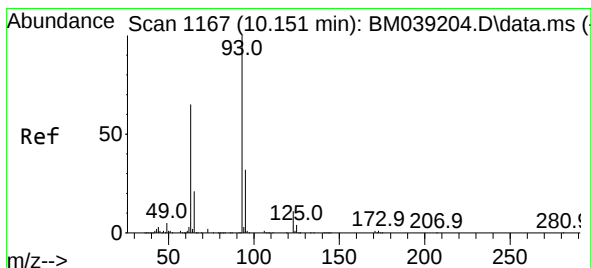
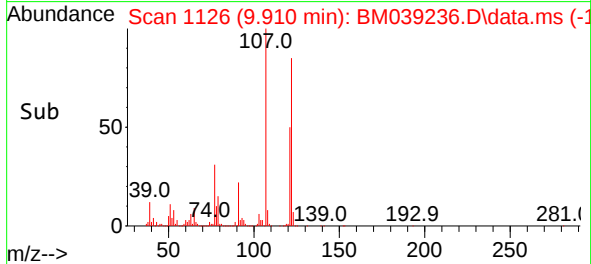
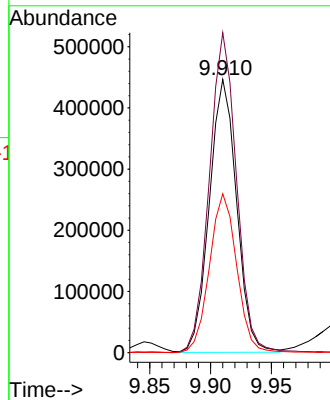
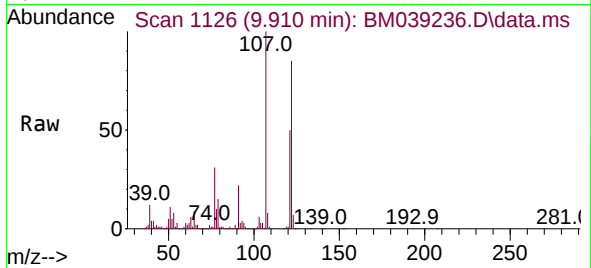
Tgt Ion:122 Resp: 695380

Ion Ratio Lower Upper

122 100

107 117.2 92.3 138.5

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.704 ng

RT: 10.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

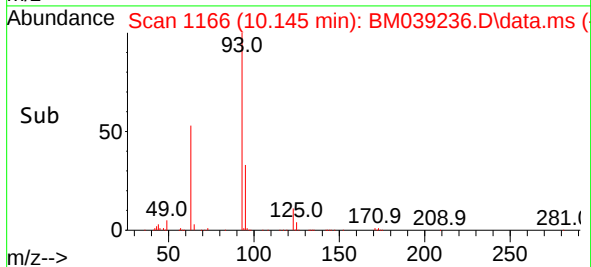
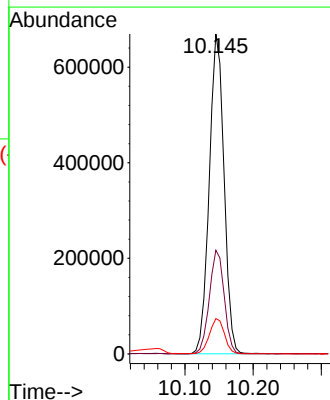
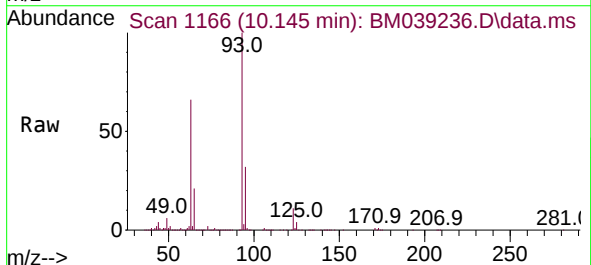
Tgt Ion: 93 Resp: 1008309

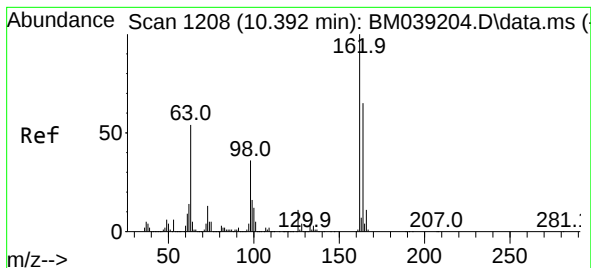
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 11.0 9.1 13.7

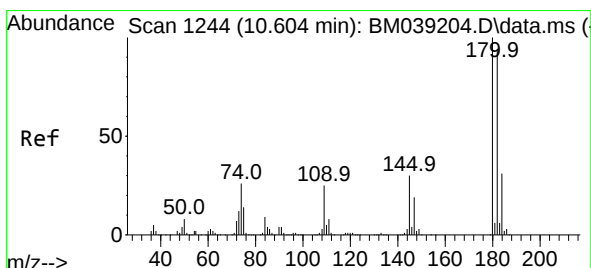
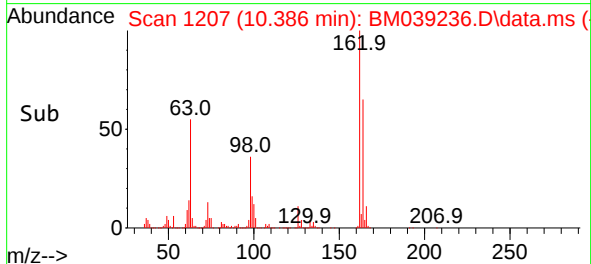
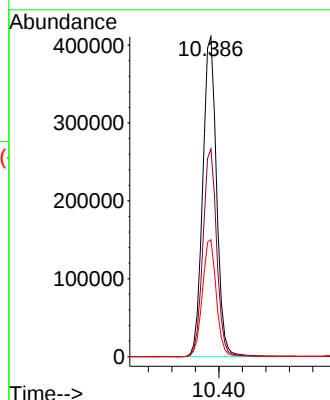
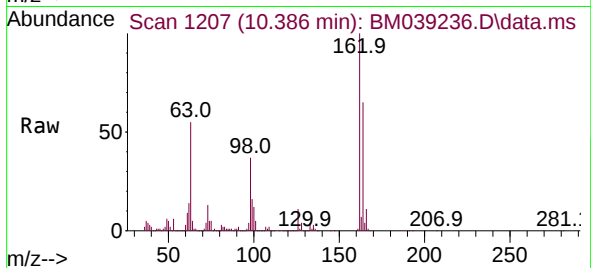




#29
2,4-Dichlorophenol
Concen: 47.100 ng
RT: 10.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

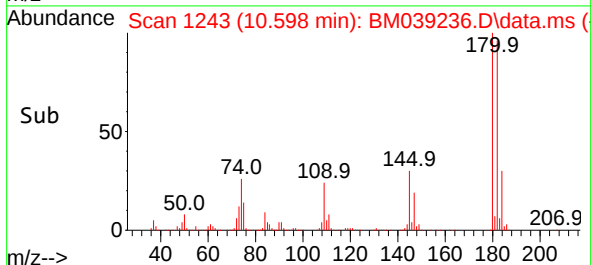
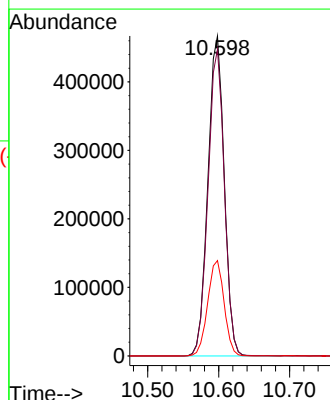
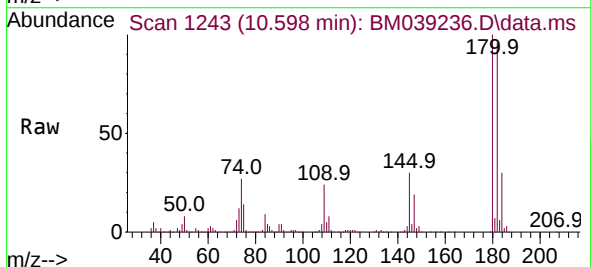
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

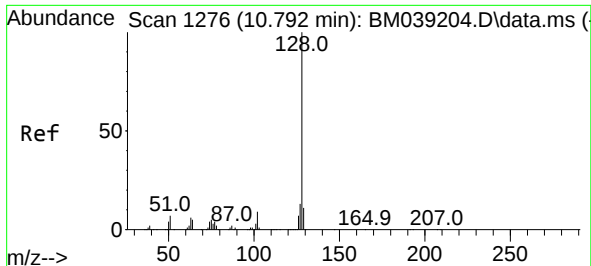
Tgt Ion:162 Resp: 671159
Ion Ratio Lower Upper
162 100
164 64.9 44.8 84.8
98 36.5 16.0 56.0



#30
1,2,4-Trichlorobenzene
Concen: 48.785 ng
RT: 10.598 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:180 Resp: 743721
Ion Ratio Lower Upper
180 100
182 95.8 75.2 112.8
145 29.8 23.9 35.9

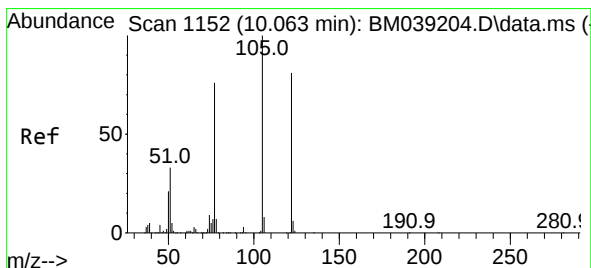
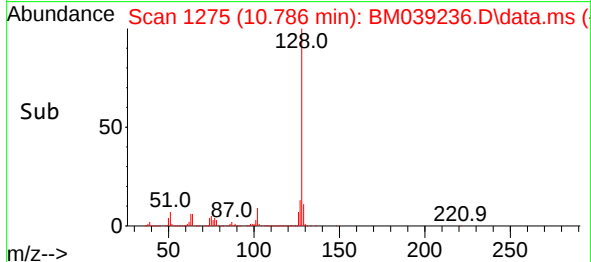
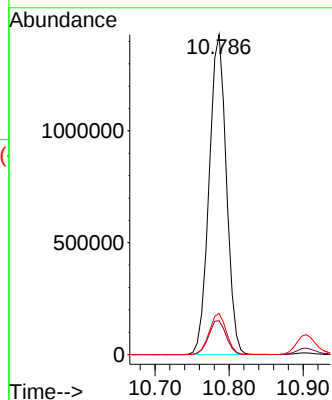
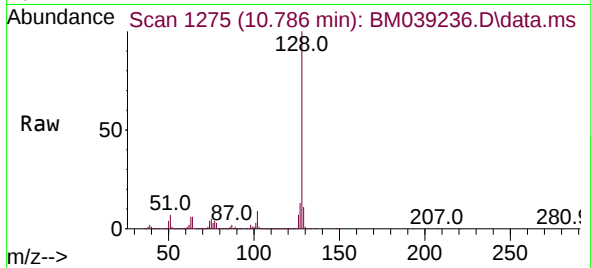




#31
Naphthalene
Concen: 46.069 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

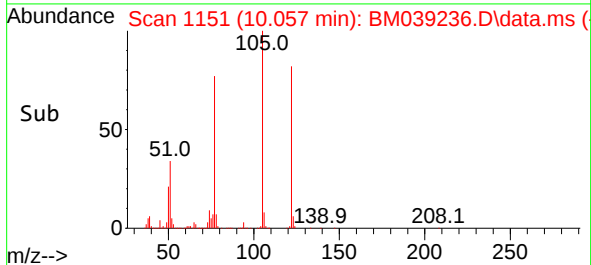
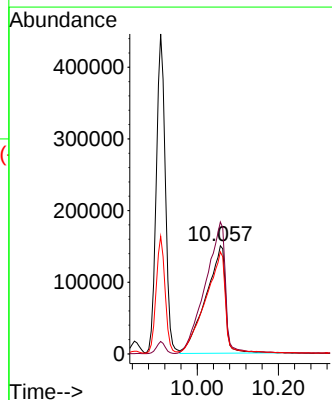
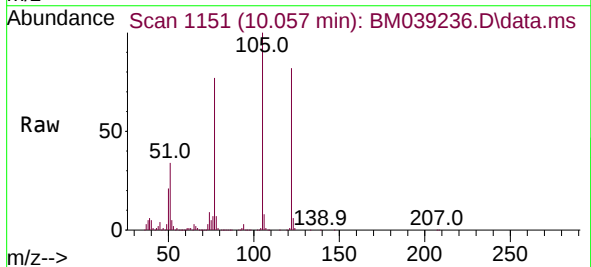
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

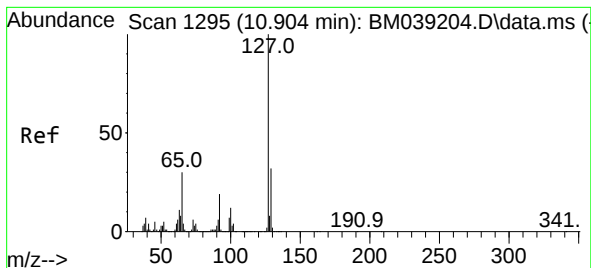
Tgt Ion:128 Resp: 2306537
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 44.631 ng
RT: 10.057 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:122 Resp: 508037
Ion Ratio Lower Upper
122 100
105 122.2 103.1 143.1
77 94.4 74.6 114.6

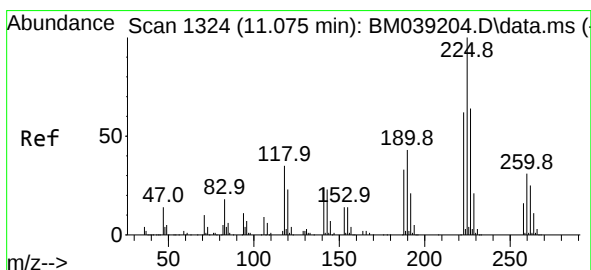
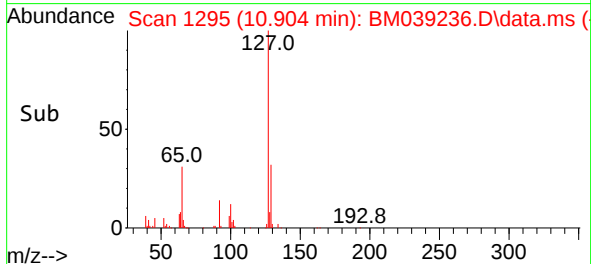
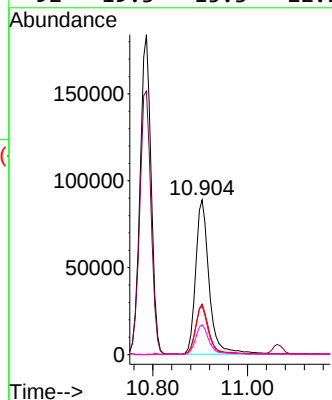
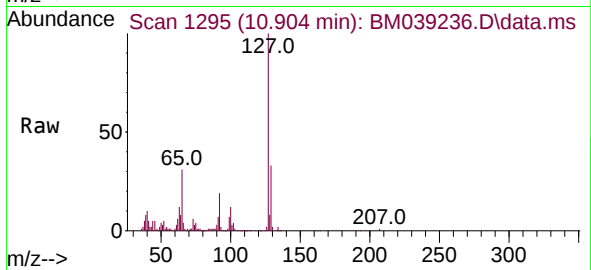




#33
4-Chloroaniline
Concen: 8.031 ng
RT: 10.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

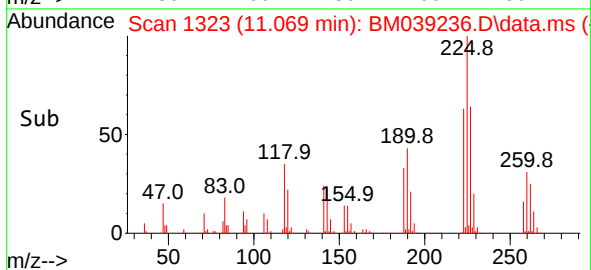
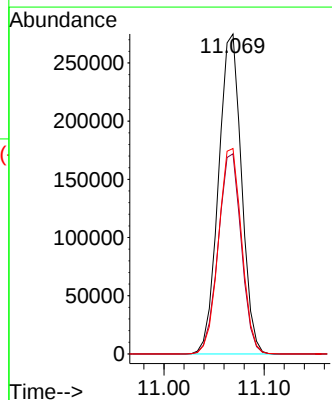
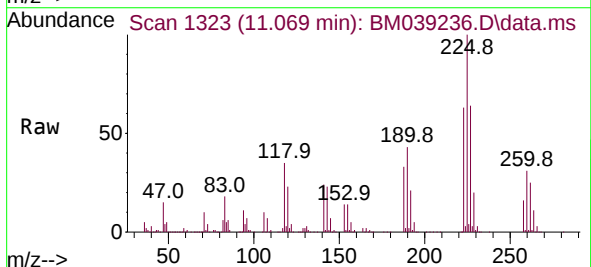
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

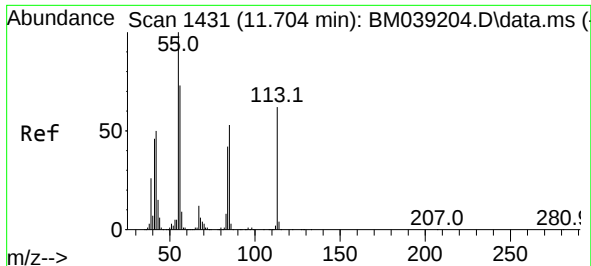
Tgt Ion:	127	Resp:	176149
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	31.5	24.1	36.1
92	19.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 48.834 ng
RT: 11.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:	225	Resp:	437754
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	64.2	51.6	77.4

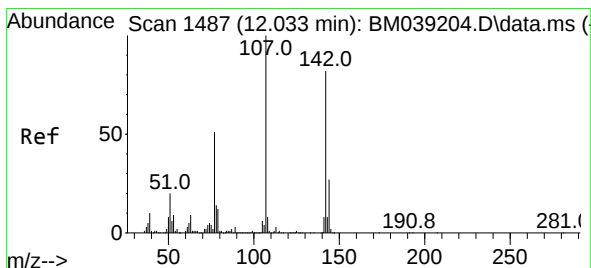
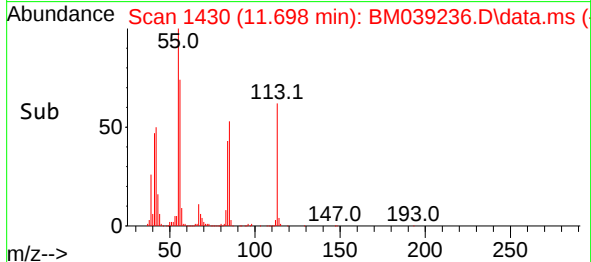
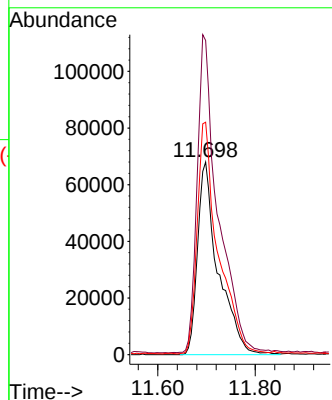
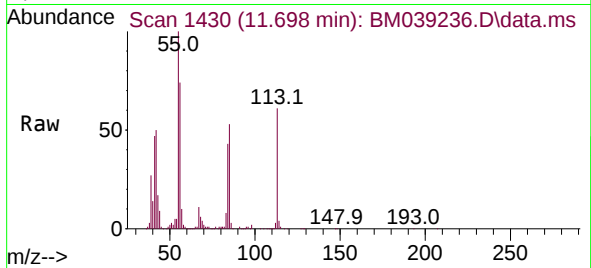




#35
Caprolactam
Concen: 40.425 ng
RT: 11.698 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

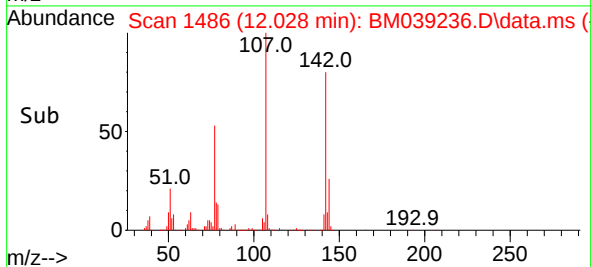
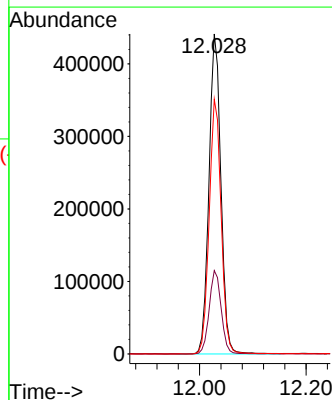
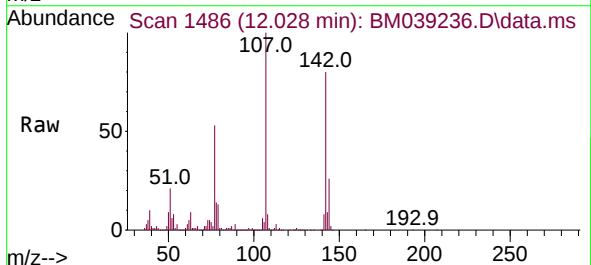
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

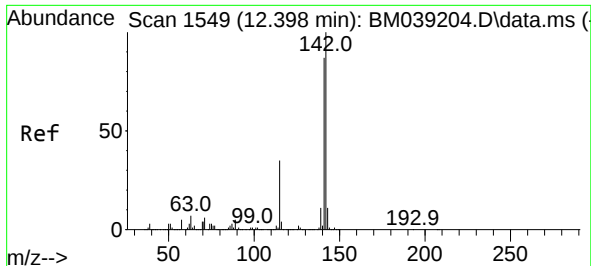
Tgt Ion:113 Resp: 200015
Ion Ratio Lower Upper
113 100
55 163.1 141.8 181.8
56 120.7 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 43.666 ng
RT: 12.028 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:107 Resp: 686507
Ion Ratio Lower Upper
107 100
144 26.0 21.4 32.2
142 79.6 65.2 97.8

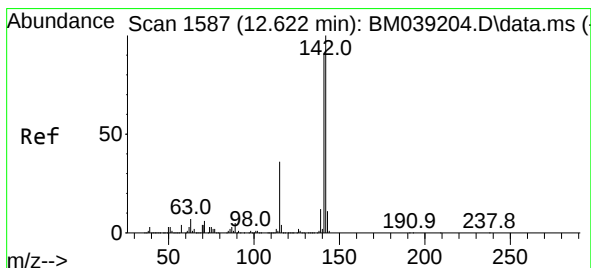
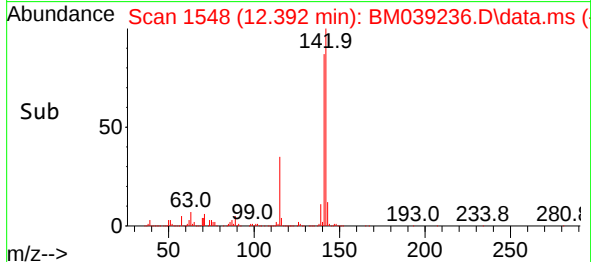
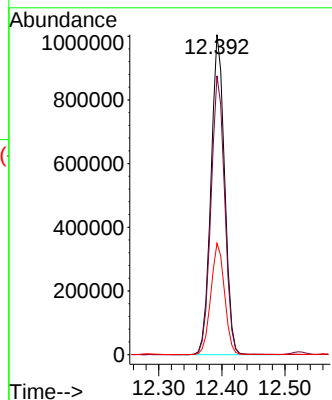
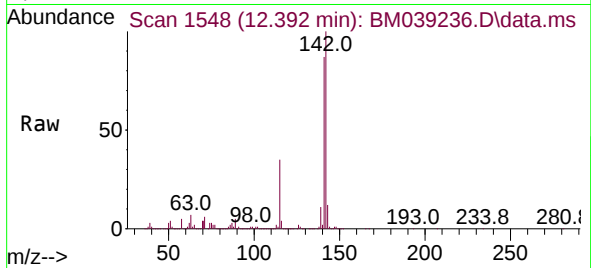




#37
2-Methylnaphthalene
Concen: 43.229 ng
RT: 12.392 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

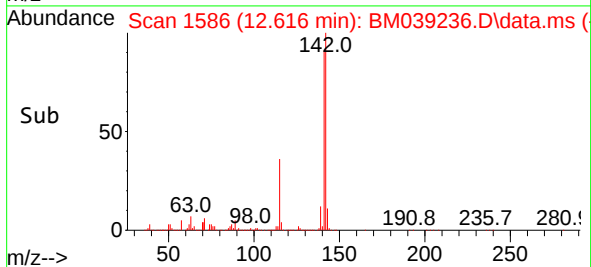
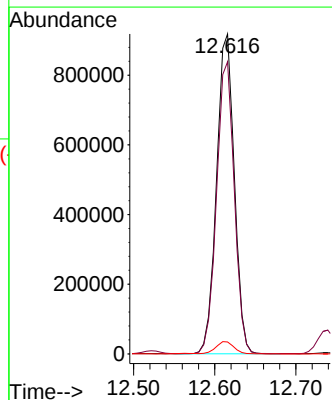
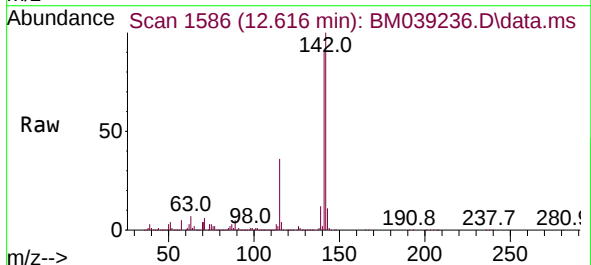
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

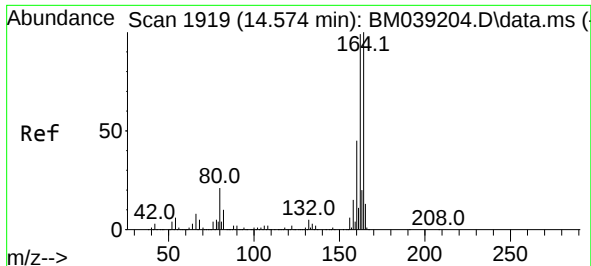
Tgt Ion:142 Resp: 1506683
Ion Ratio Lower Upper
142 100
141 87.1 69.8 104.8
115 34.8 27.8 41.8



#38
1-Methylnaphthalene
Concen: 42.639 ng
RT: 12.616 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:142 Resp: 1391537
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8
116 3.7 3.0 4.4

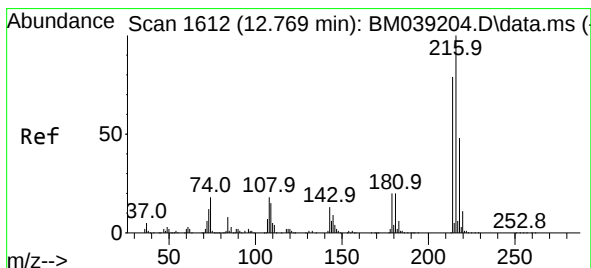
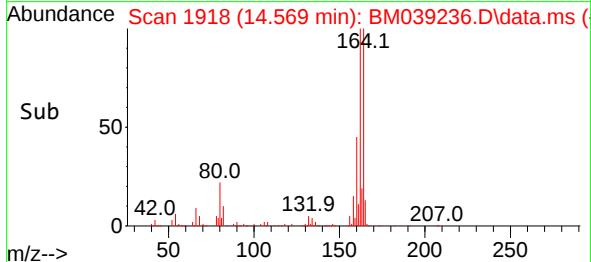
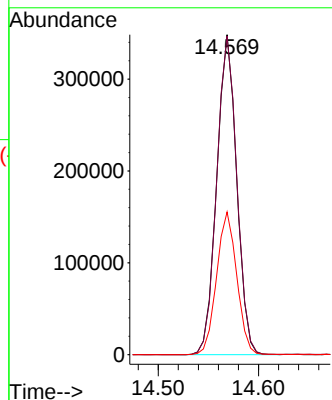
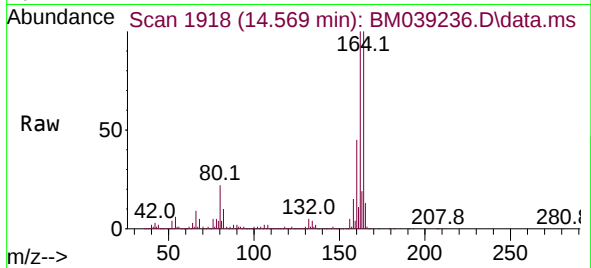




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

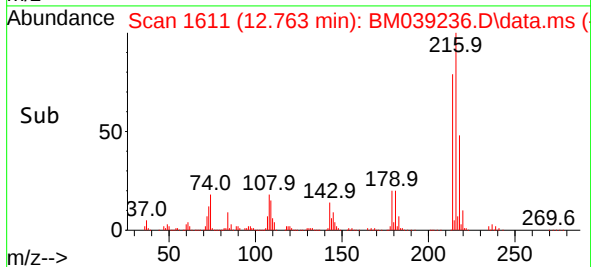
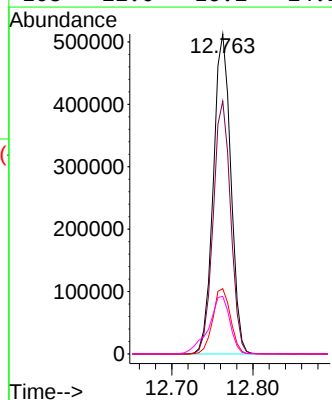
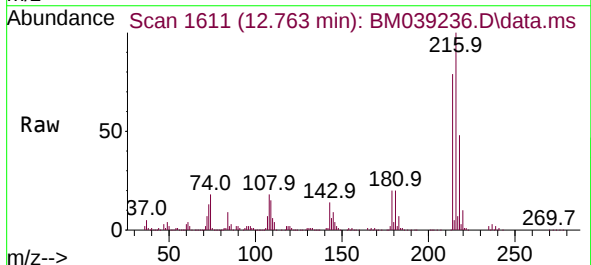
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

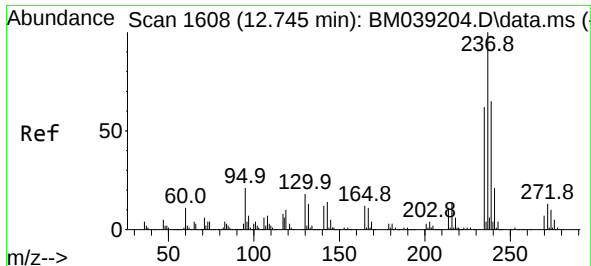
Tgt Ion:164 Resp: 482287
Ion Ratio Lower Upper
164 100
162 99.5 79.1 118.7
160 44.6 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.194 ng
RT: 12.763 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:216 Resp: 766410
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 20.7 16.8 25.2
108 22.0 16.2 24.2

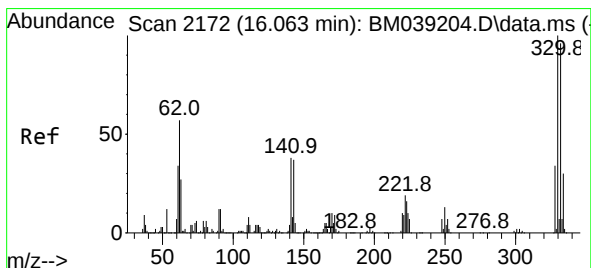
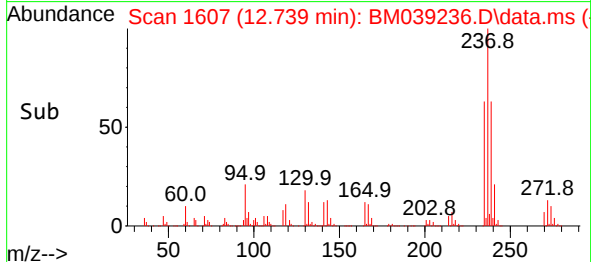
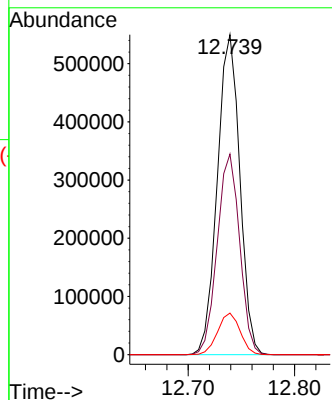
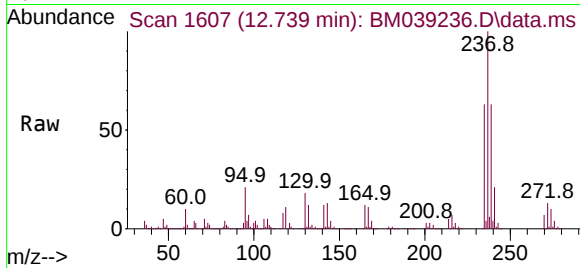




#41
Hexachlorocyclopentadiene
Concen: 100.747 ng
RT: 12.739 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

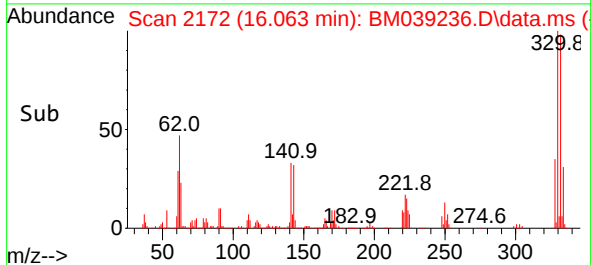
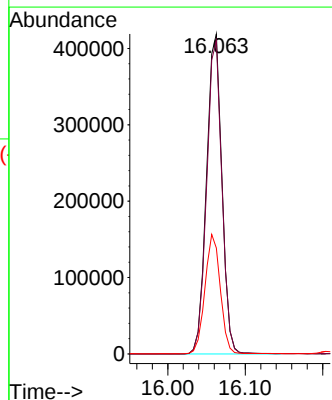
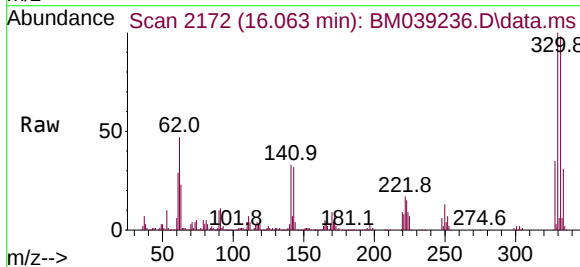
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

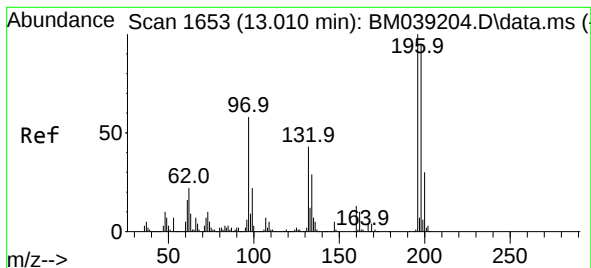
Tgt Ion:237 Resp: 808190
Ion Ratio Lower Upper
237 100
235 62.7 41.6 81.6
272 13.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 94.079 ng
RT: 16.063 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:330 Resp: 575970
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 37.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 49.541 ng

RT: 13.004 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

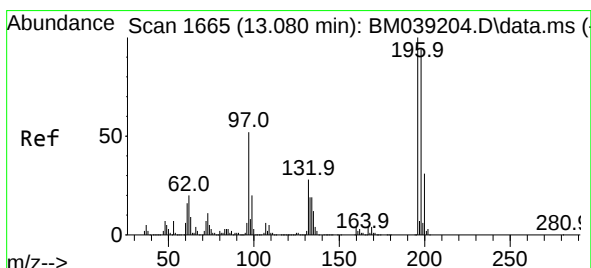
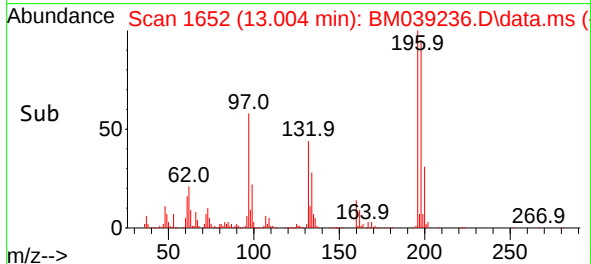
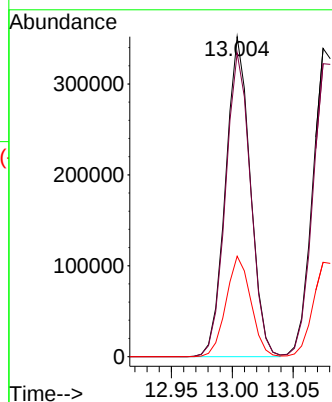
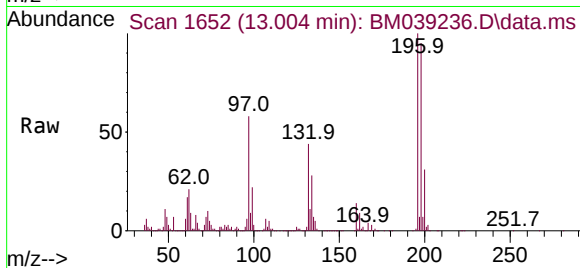
Tgt Ion:196 Resp: 496113

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 31.4 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 44.761 ng

RT: 13.075 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Tgt Ion:196 Resp: 525487

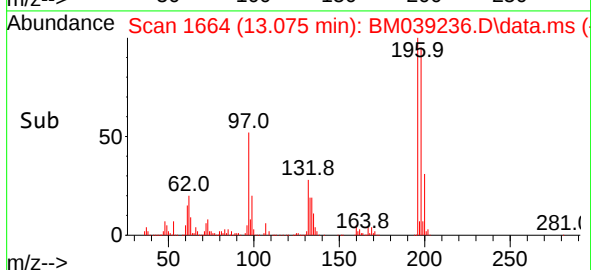
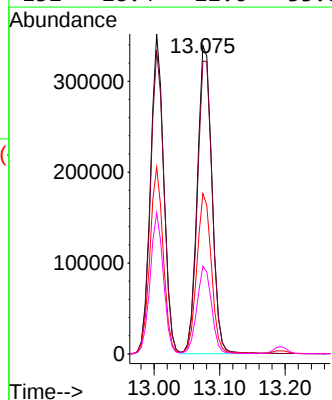
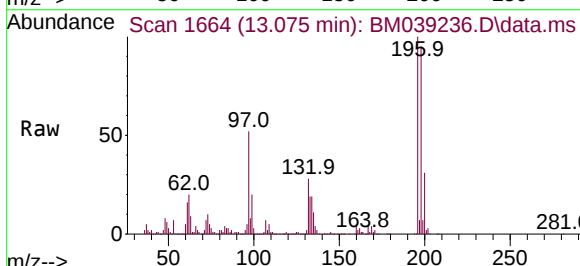
Ion Ratio Lower Upper

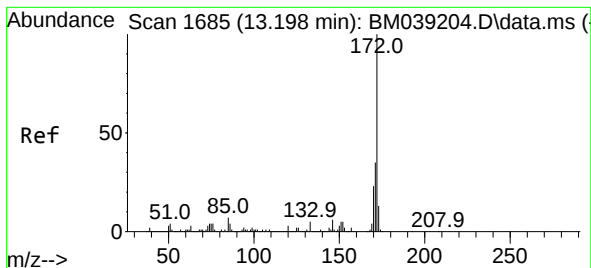
196 100

198 95.0 75.2 112.8

97 52.0 41.4 62.0

132 28.4 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 69.229 ng

RT: 13.192 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

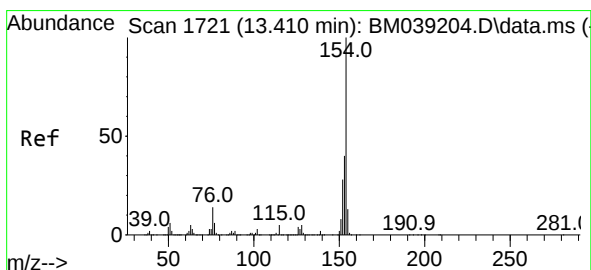
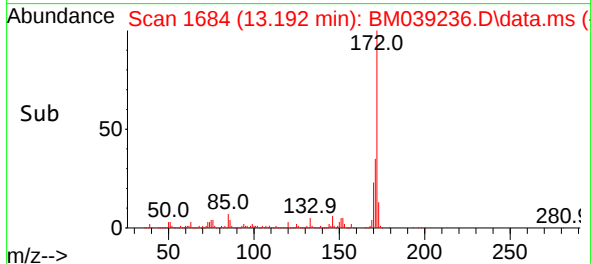
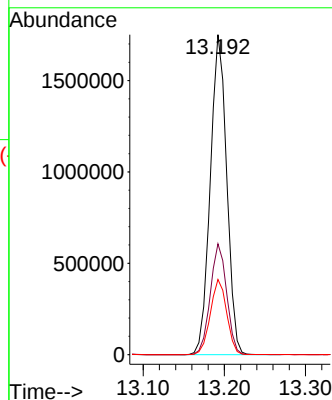
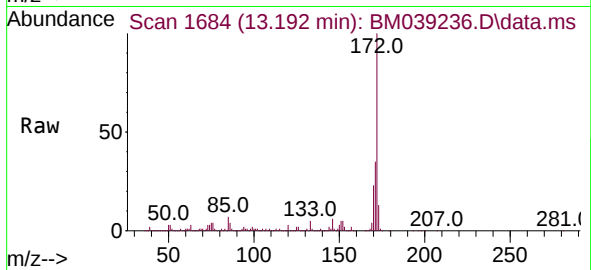
Tgt Ion:172 Resp: 2464246

Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 50.218 ng

RT: 13.404 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

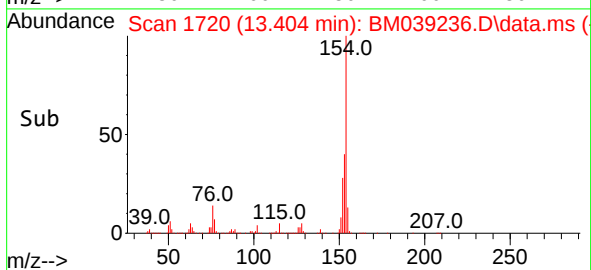
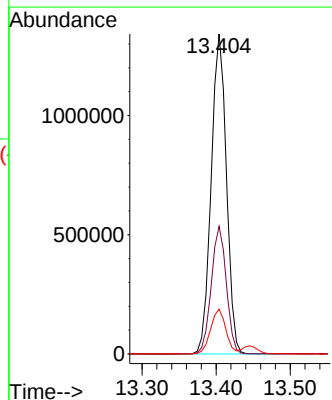
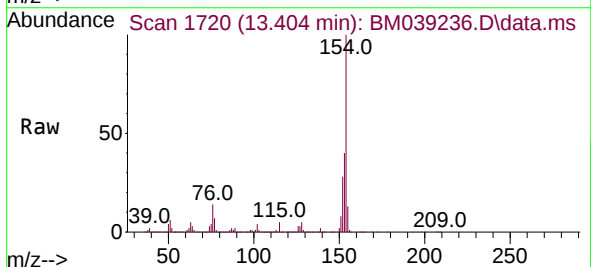
Tgt Ion:154 Resp: 1912559

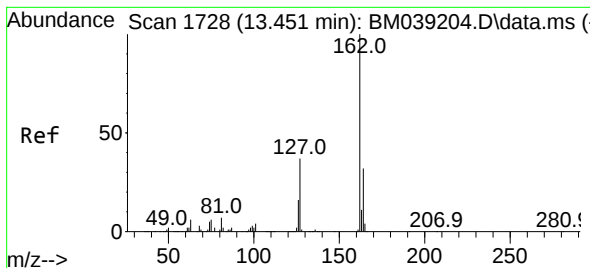
Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

76 14.0 0.0 33.5

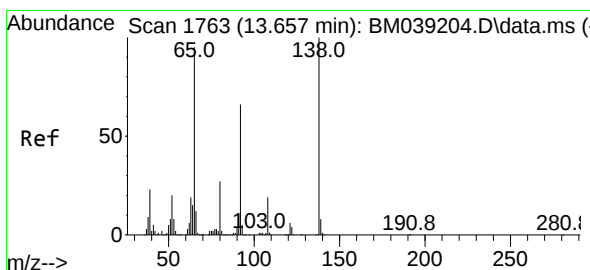
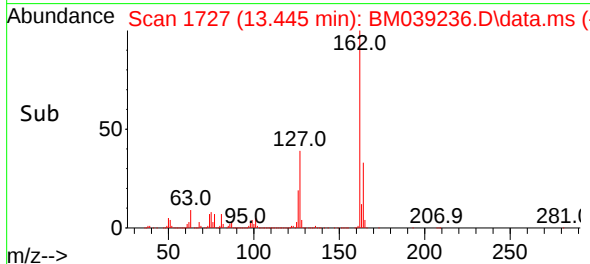
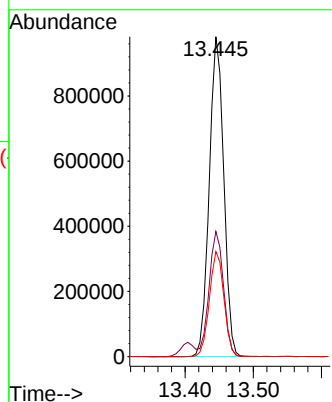
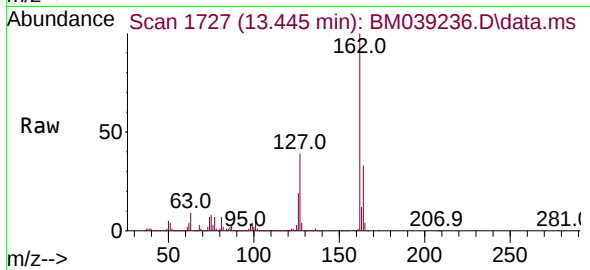




#47
2-Chloronaphthalene
Concen: 50.198 ng
RT: 13.445 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

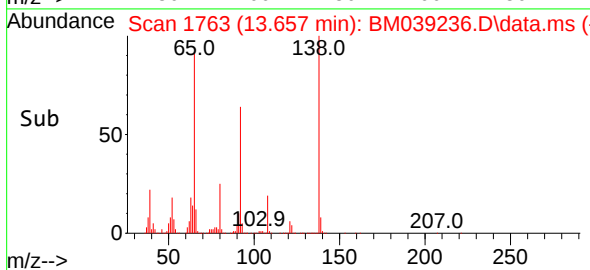
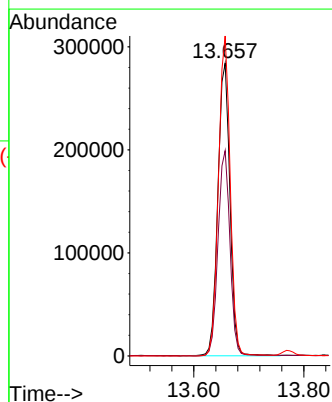
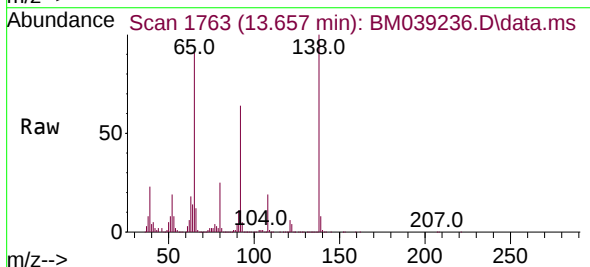
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

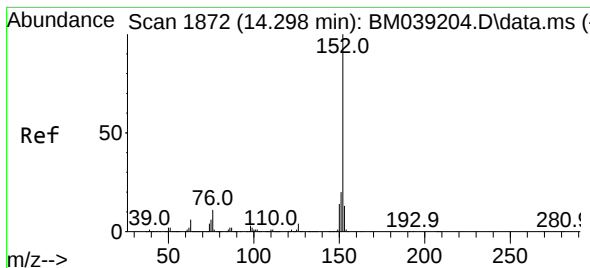
Tgt Ion:162 Resp: 1447555
Ion Ratio Lower Upper
162 100
127 39.1 31.4 47.0
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 44.539 ng
RT: 13.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion: 65 Resp: 432212
Ion Ratio Lower Upper
65 100
92 70.1 55.7 83.5
138 109.3 84.5 126.7





#49

Acenaphthylene

Concen: 46.479 ng

RT: 14.292 min Scan# 1872

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

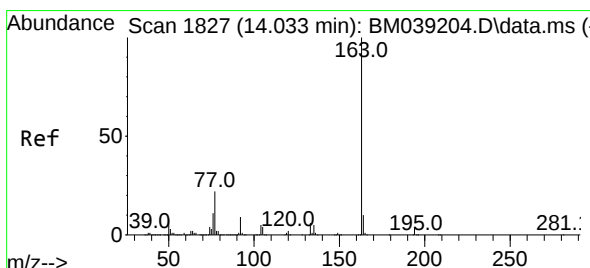
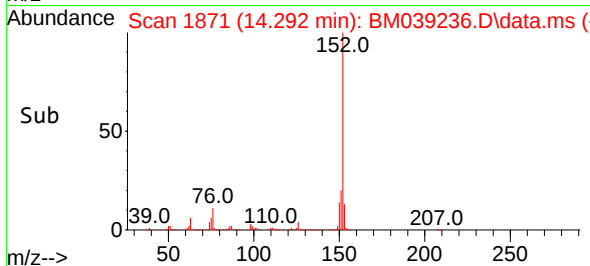
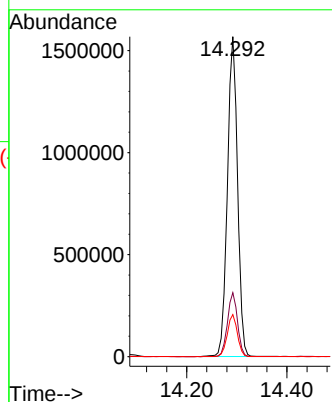
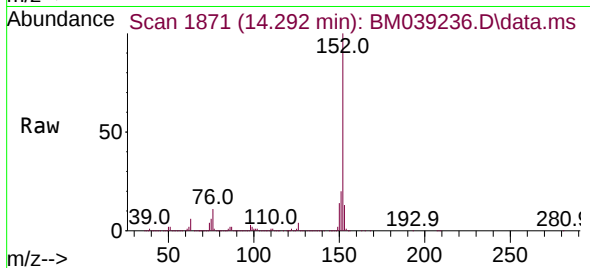
Tgt Ion:152 Resp: 2202846

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 45.320 ng

RT: 14.033 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

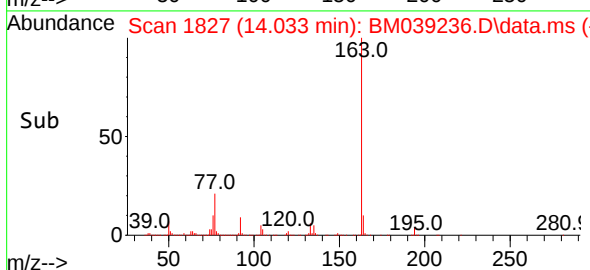
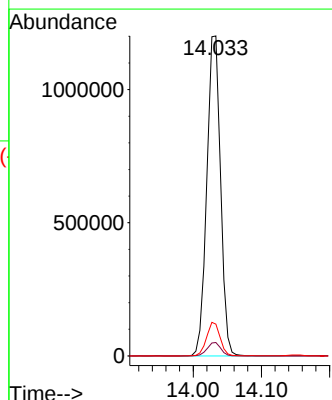
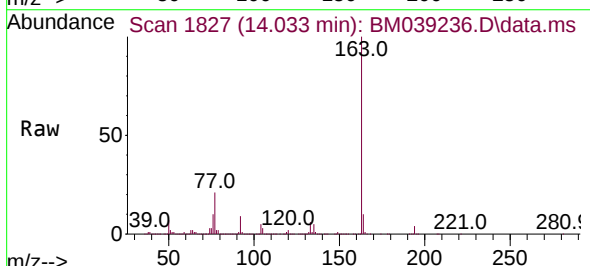
Tgt Ion:163 Resp: 1684458

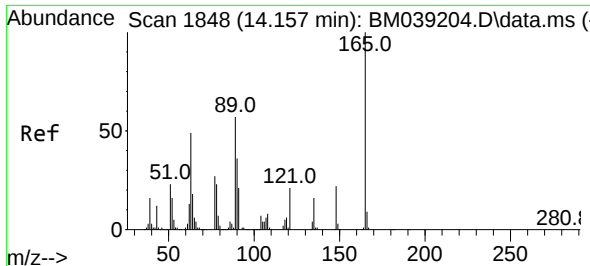
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.565 ng

RT: 14.151 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

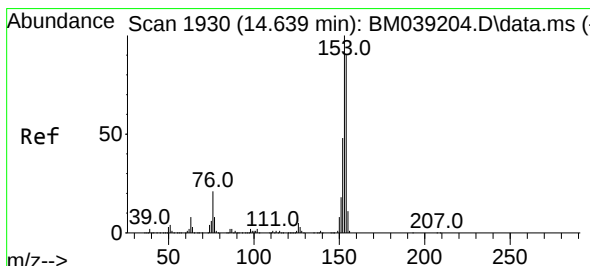
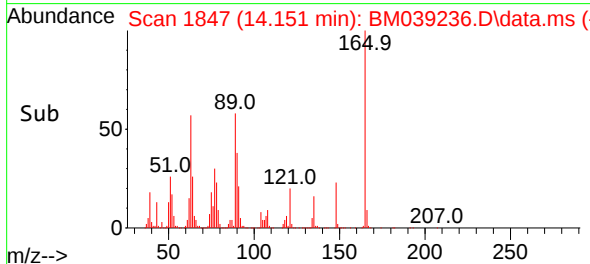
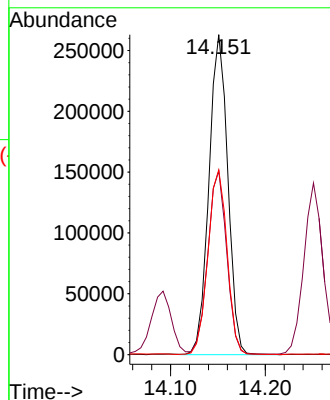
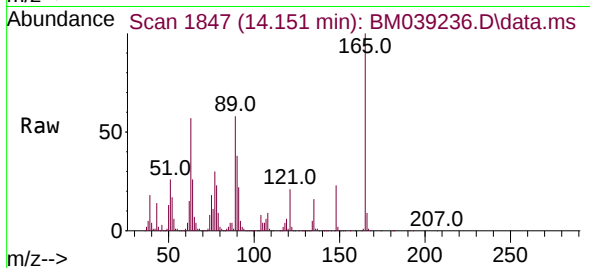
Tgt Ion:165 Resp: 364198

Ion Ratio Lower Upper

165 100

63 57.4 44.9 67.3

89 57.7 45.4 68.0



#52

Acenaphthene

Concen: 46.605 ng

RT: 14.633 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

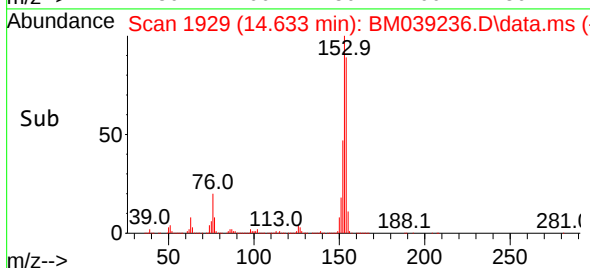
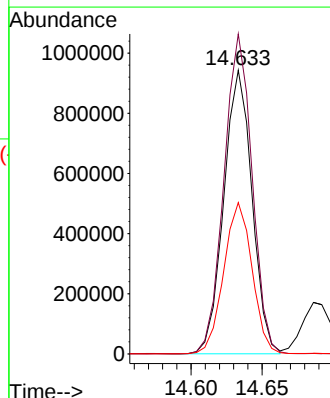
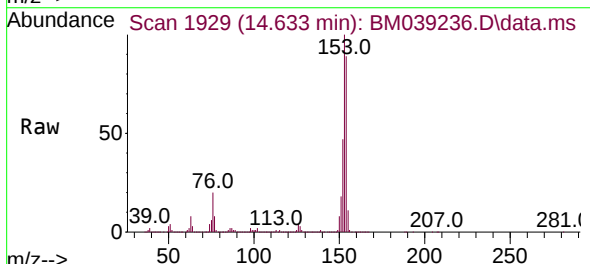
Tgt Ion:154 Resp: 1304280

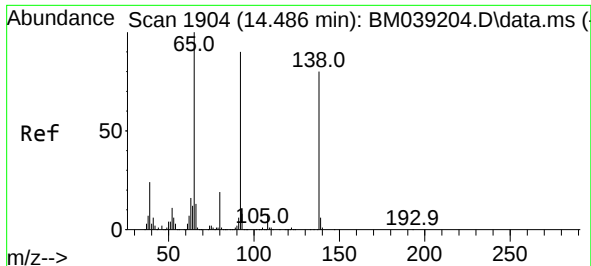
Ion Ratio Lower Upper

154 100

153 112.8 89.1 133.7

152 53.3 42.6 64.0

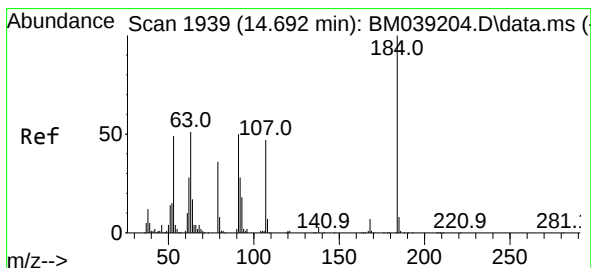
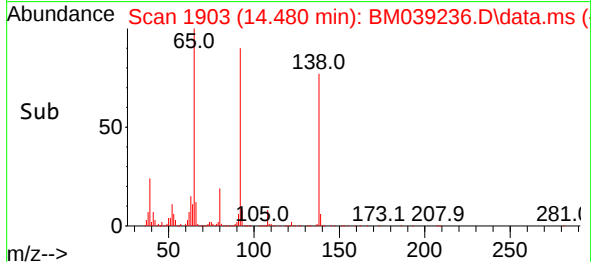
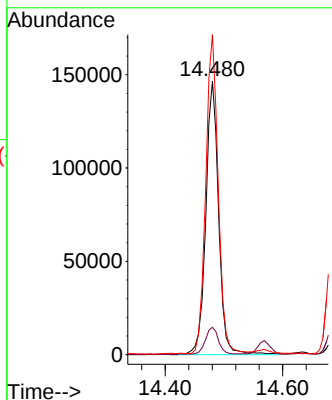
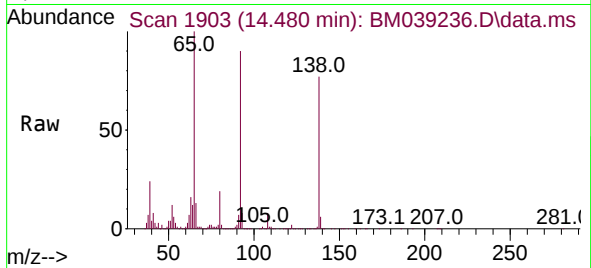




#53
3-Nitroaniline
Concen: 24.029 ng
RT: 14.480 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

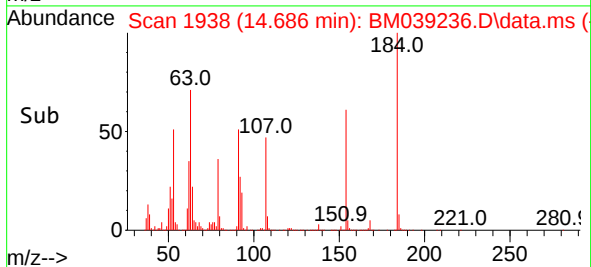
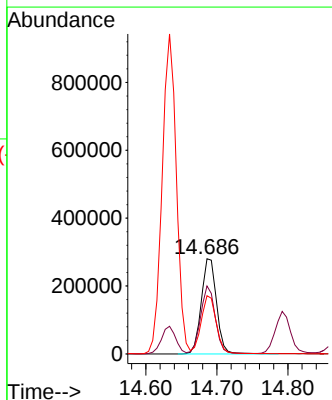
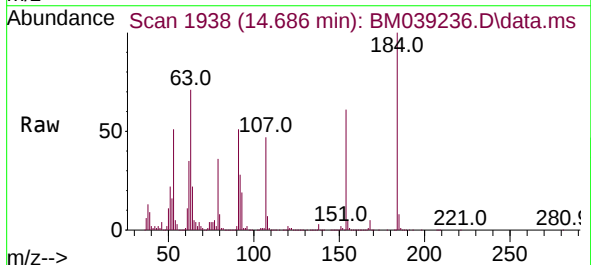
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

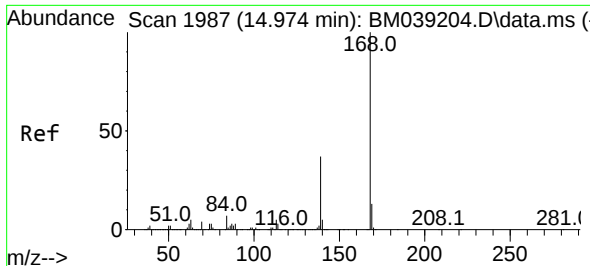
Tgt Ion:138 Resp: 222035
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 117.0 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 87.729 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:184 Resp: 415264
Ion Ratio Lower Upper
184 100
63 71.3 56.4 84.6
154 61.0 48.7 73.1

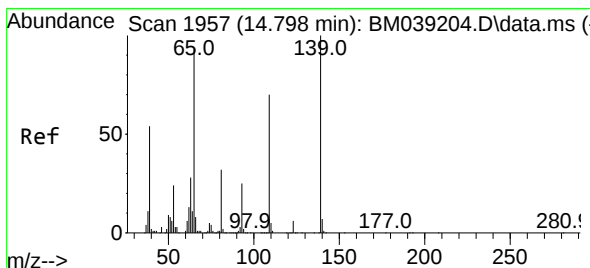
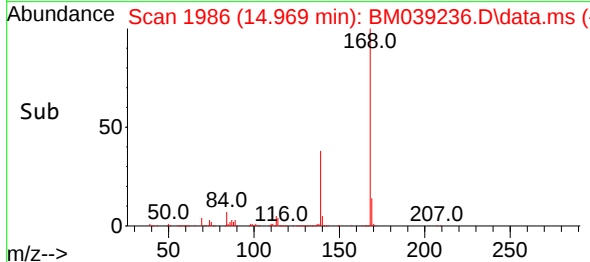
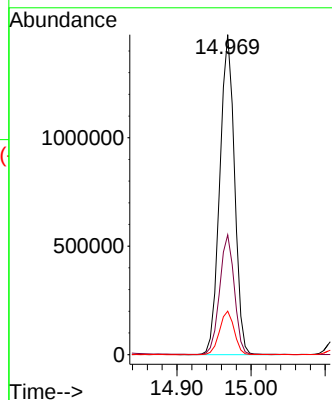
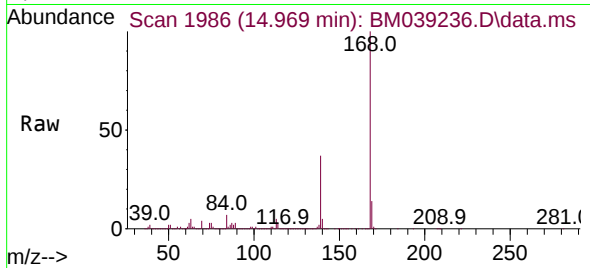




#55
Dibenzenofuran
Concen: 45.197 ng
RT: 14.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

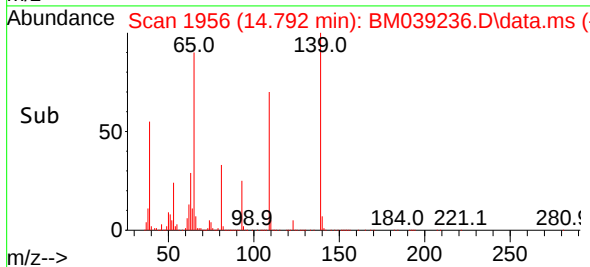
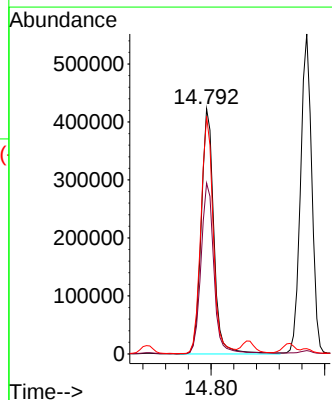
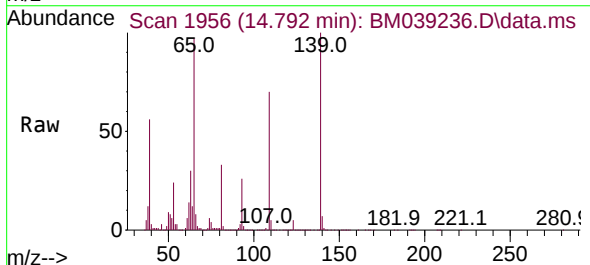
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

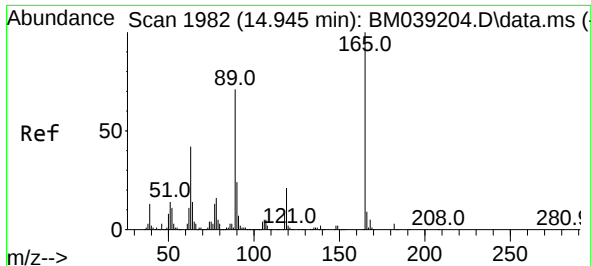
Tgt Ion:168 Resp: 2036371
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.2
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 90.935 ng
RT: 14.792 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:139 Resp: 647942
Ion Ratio Lower Upper
139 100
109 69.7 49.6 89.6
65 96.9 72.9 112.9



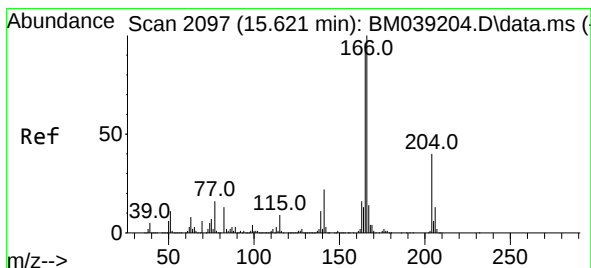
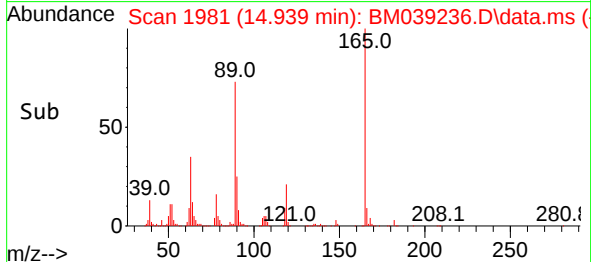
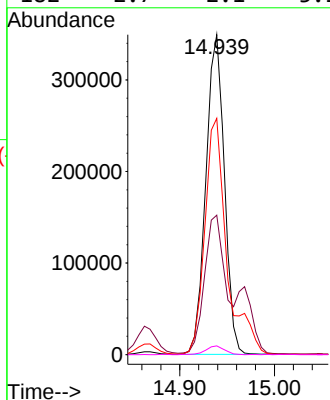
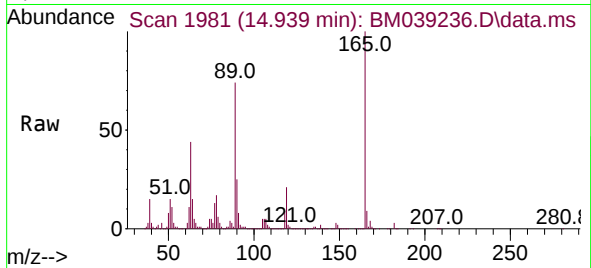


#57
2,4-Dinitrotoluene
Concen: 44.012 ng
RT: 14.939 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

Tgt Ion:165 Resp: 475884

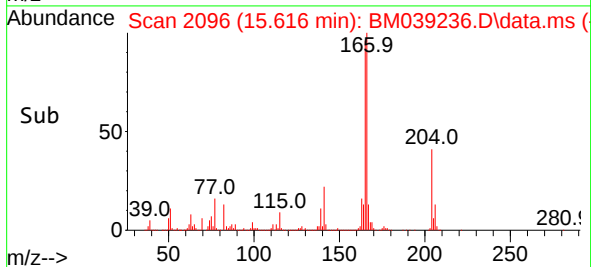
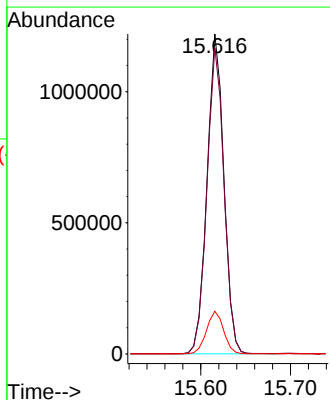
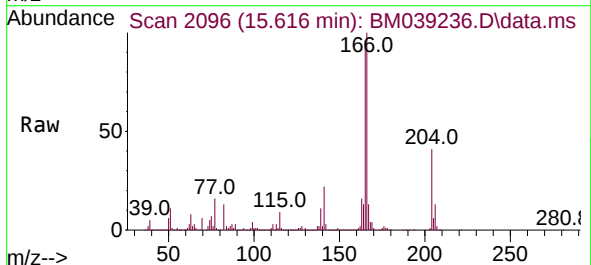
Ion	Ratio	Lower	Upper
165	100		
63	43.6	33.5	50.3
89	73.8	56.7	85.1
182	2.7	2.1	3.1

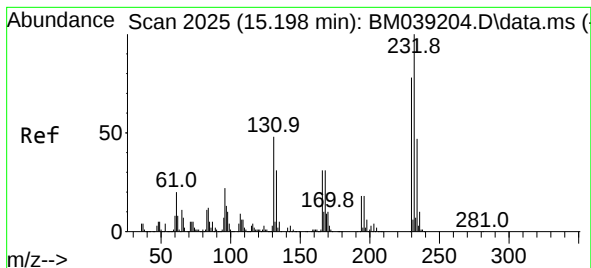


#58
Fluorene
Concen: 44.893 ng
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:166 Resp: 1601686

Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.9	115.3
167	13.3	10.8	16.2



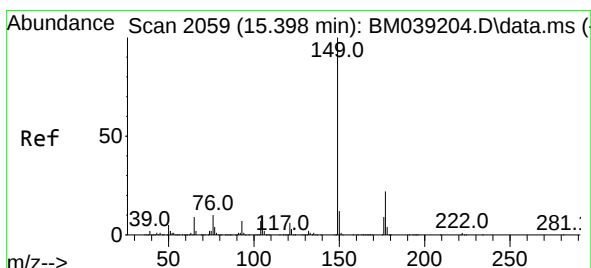
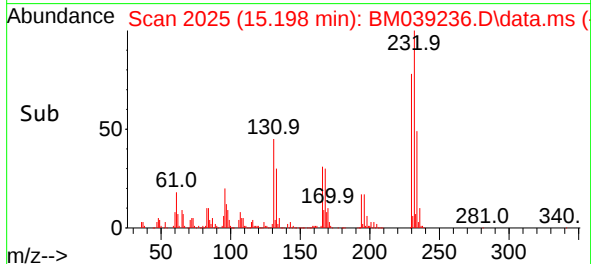
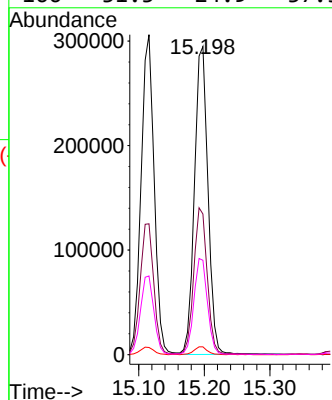
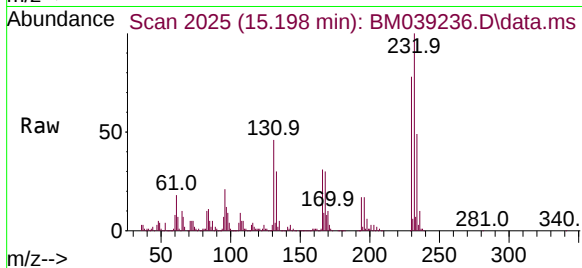


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.126 ng
RT: 15.198 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

Tgt Ion:232 Resp: 421453

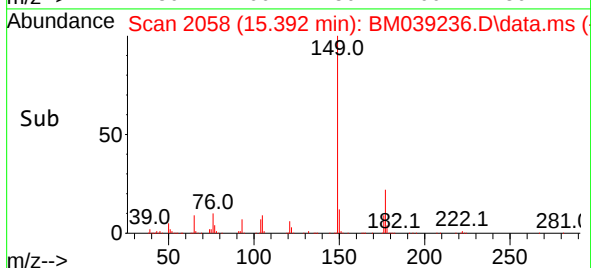
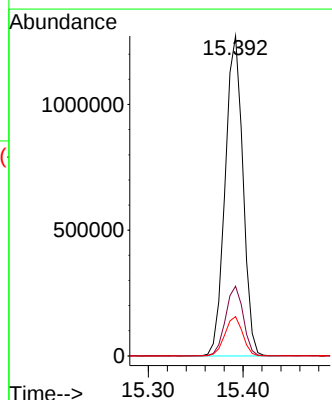
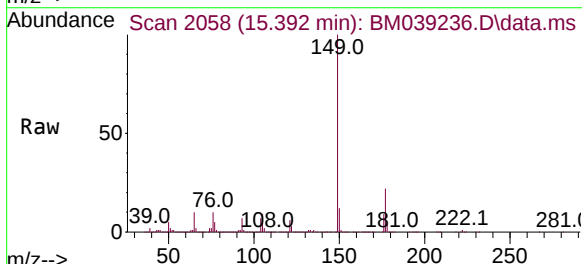
Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.7	56.5
130	2.5	1.9	2.9
166	31.3	24.9	37.3

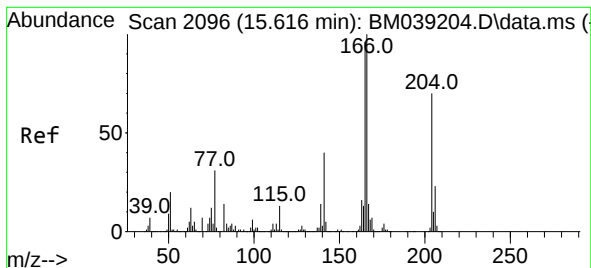


#60
Diethylphthalate
Concen: 44.250 ng
RT: 15.392 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:149 Resp: 1655441

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.7	26.5
150	12.3	9.8	14.6

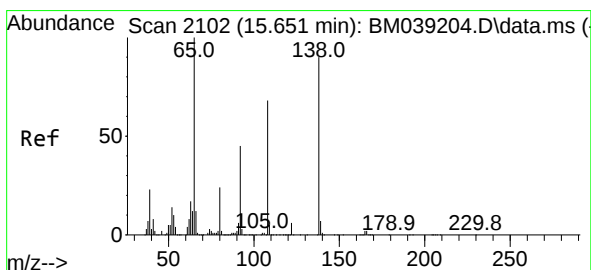
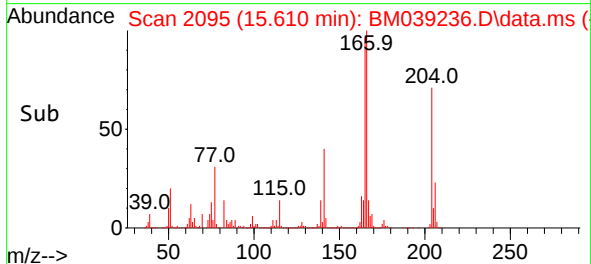
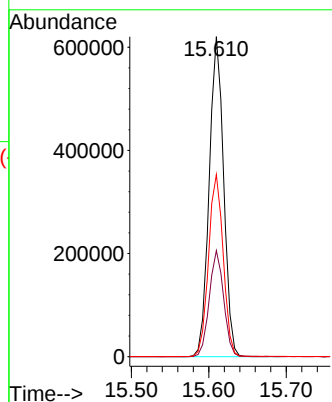
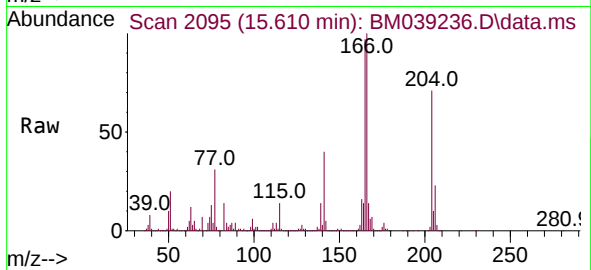




#61
4-Chlorophenyl-phenylether
Concen: 45.391 ng
RT: 15.610 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

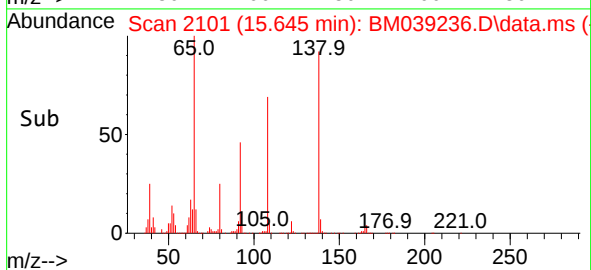
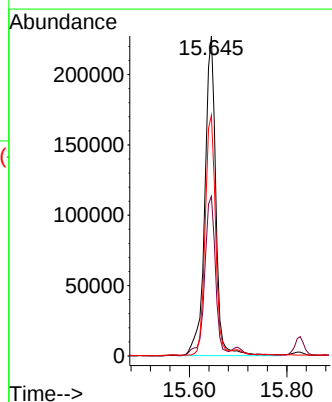
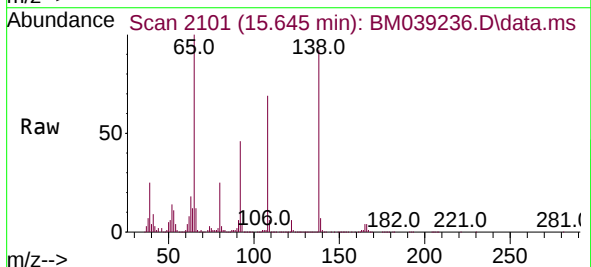
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

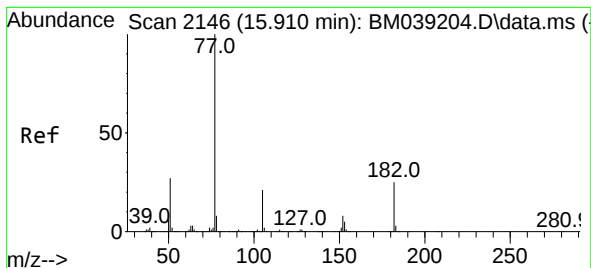
Tgt Ion:204 Resp: 802597
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 56.9 45.8 68.6



#62
4-Nitroaniline
Concen: 37.569 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:138 Resp: 356234
Ion Ratio Lower Upper
138 100
92 49.9 30.5 70.5
108 75.2 55.5 95.5





#63

Azobenzene

Concen: 45.153 ng

RT: 15.904 min Scan# 2145

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

Tgt Ion: 77 Resp: 1692382

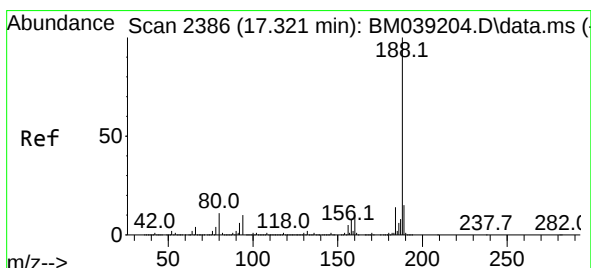
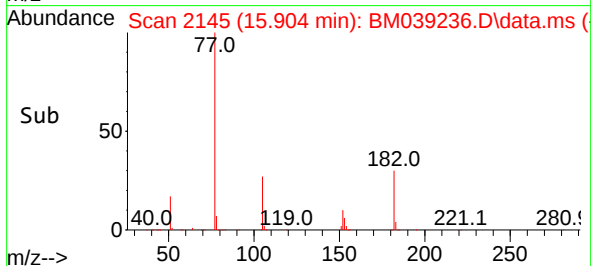
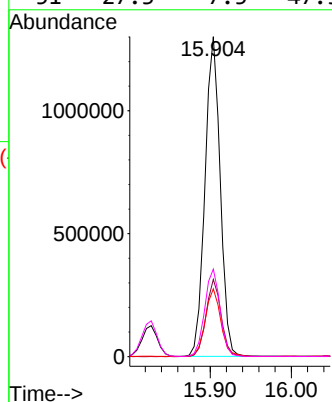
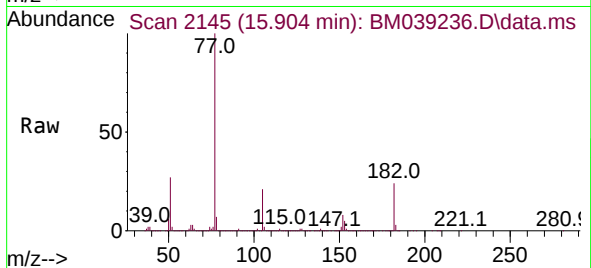
Ion Ratio Lower Upper

77 100

182 24.1 4.8 44.8

105 21.2 1.4 41.4

51 27.3 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2385

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

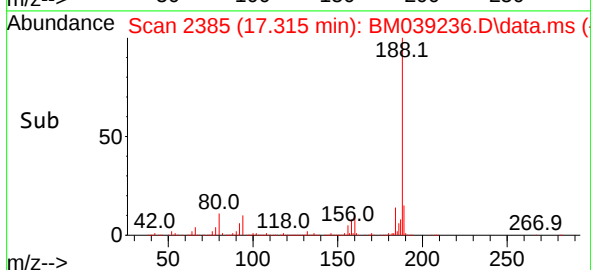
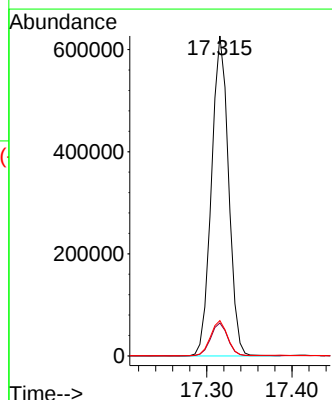
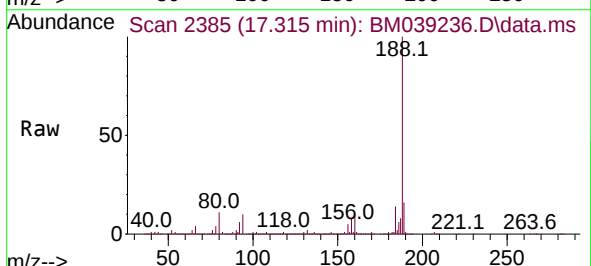
Tgt Ion: 188 Resp: 874014

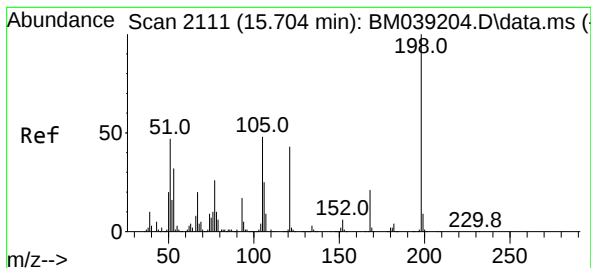
Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

80 11.1 8.9 13.3

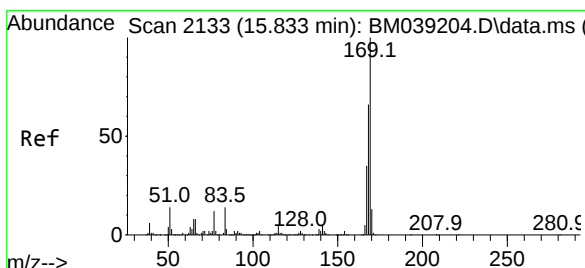
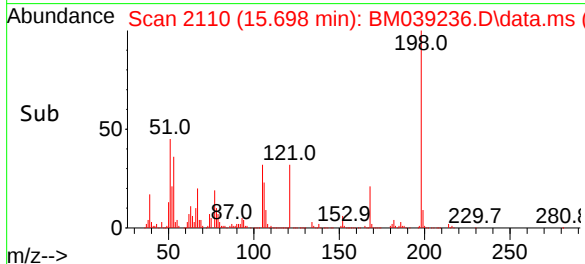
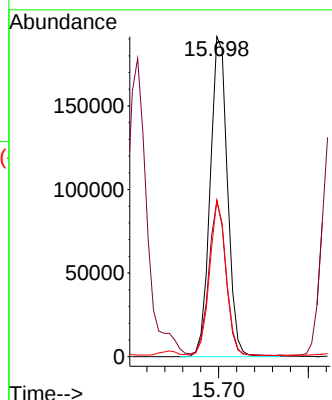
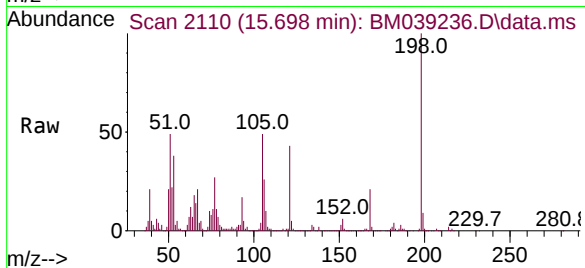




#65
4,6-Dinitro-2-methylphenol
Concen: 44.536 ng
RT: 15.698 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

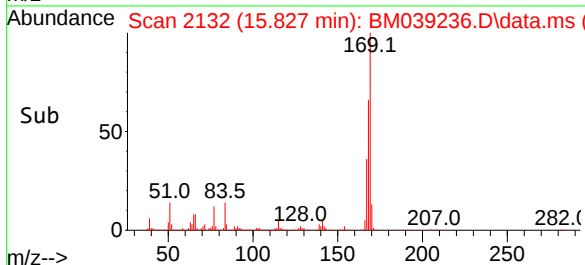
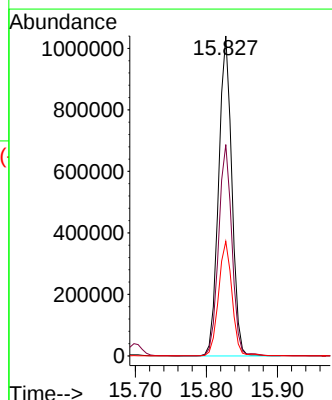
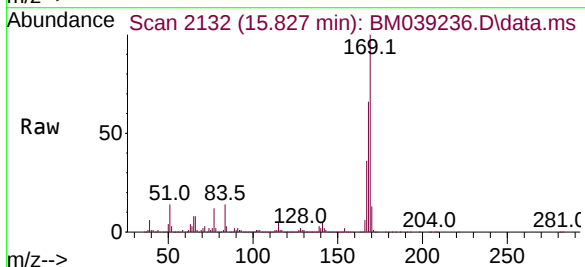
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

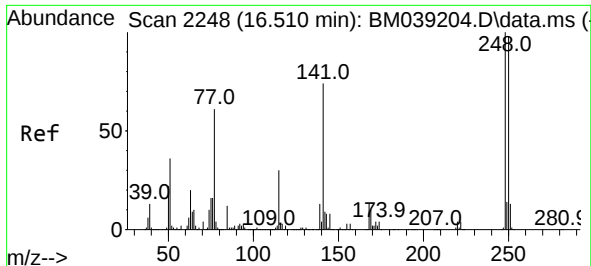
Tgt Ion:198 Resp: 256082
Ion Ratio Lower Upper
198 100
51 48.7 28.9 68.9
105 48.8 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 48.973 ng
RT: 15.827 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:169 Resp: 1348791
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 35.8 28.4 42.6

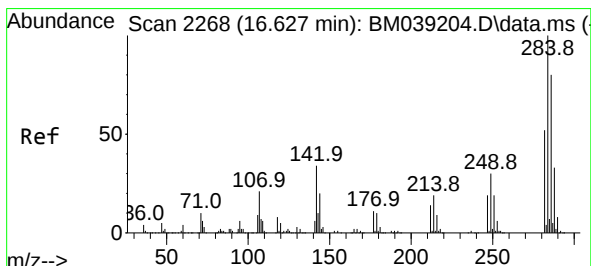
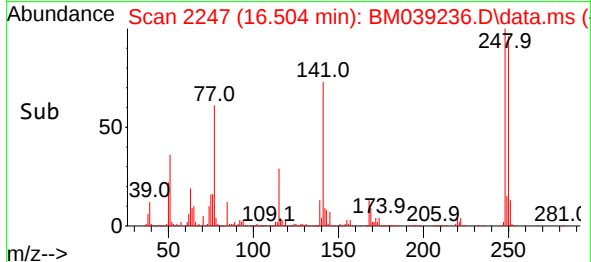
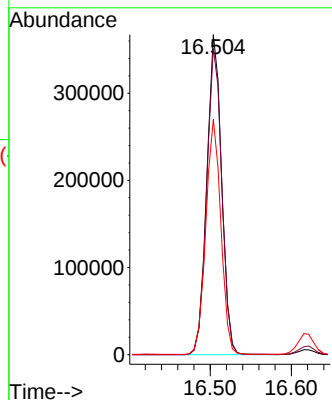
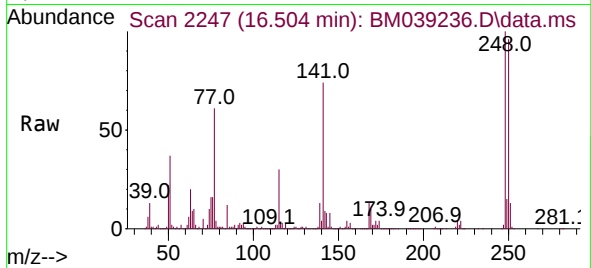




#67
4-Bromophenyl-phenylether
Concen: 50.082 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

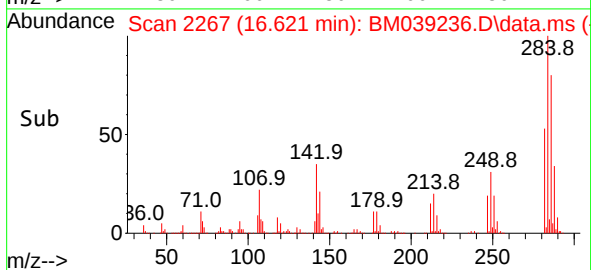
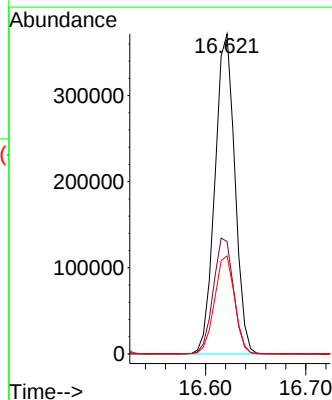
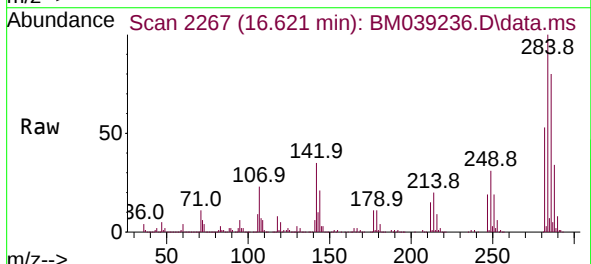
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

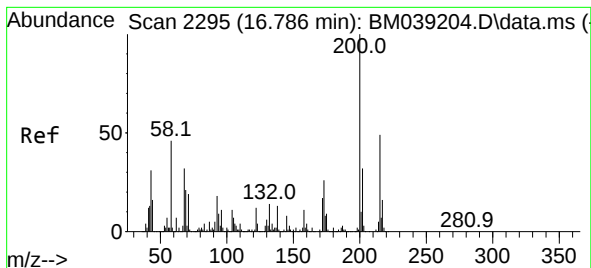
Tgt Ion:248 Resp: 467462
Ion Ratio Lower Upper
248 100
250 95.9 78.8 118.2
141 73.5 58.8 88.2



#68
Hexachlorobenzene
Concen: 50.738 ng
RT: 16.621 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:284 Resp: 513508
Ion Ratio Lower Upper
284 100
142 35.1 27.4 41.2
249 30.6 24.4 36.6





#69

Atrazine

Concen: 49.364 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

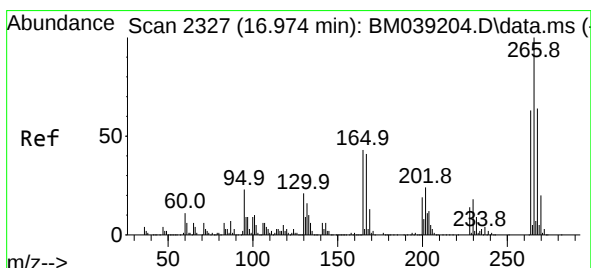
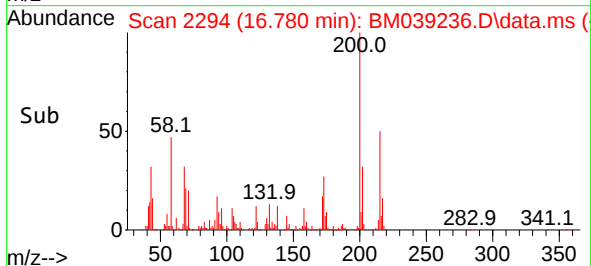
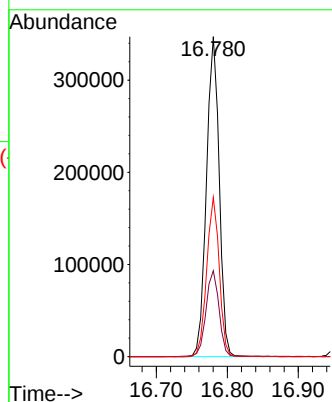
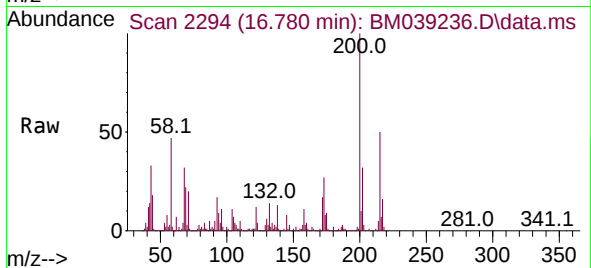
Tgt Ion:200 Resp: 430610

Ion Ratio Lower Upper

200 100

173 26.8 6.4 46.4

215 49.7 28.9 68.9



#70

Pentachlorophenol

Concen: 88.591 ng

RT: 16.968 min Scan# 2326

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

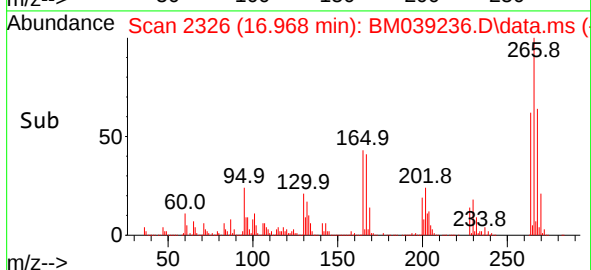
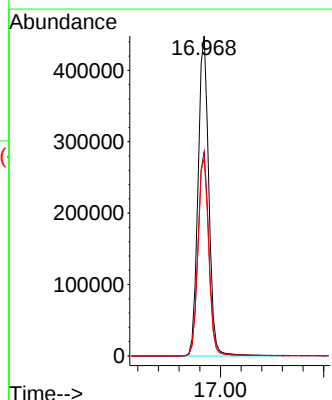
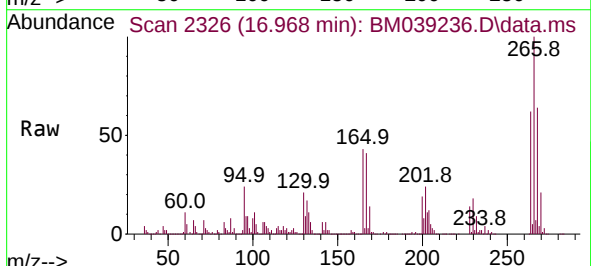
Tgt Ion:266 Resp: 643275

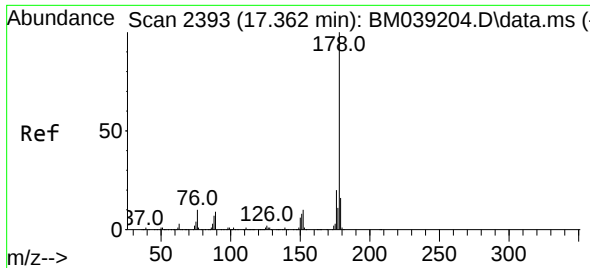
Ion Ratio Lower Upper

266 100

268 63.8 51.4 77.2

264 61.7 50.2 75.4

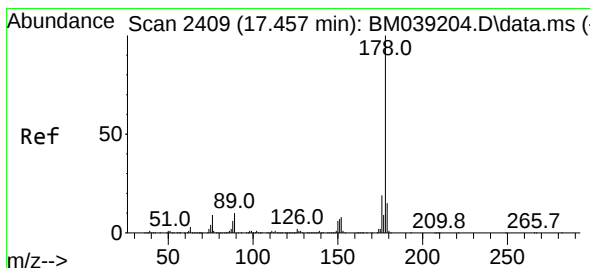
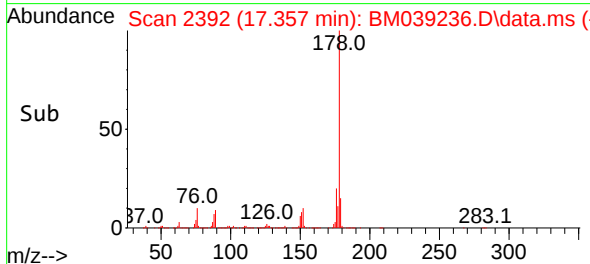
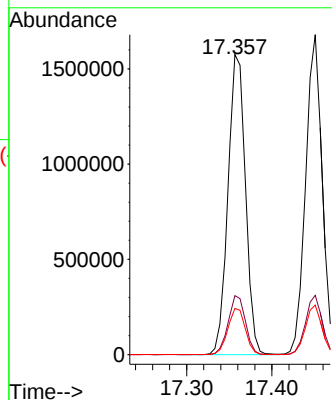
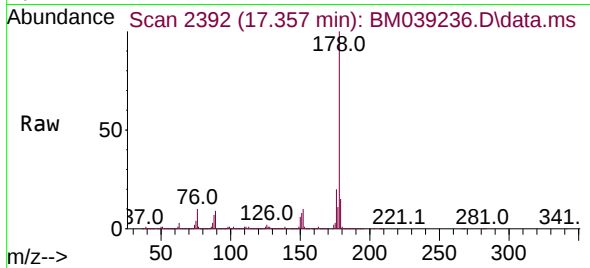




#71
Phenanthrene
Concen: 46.922 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

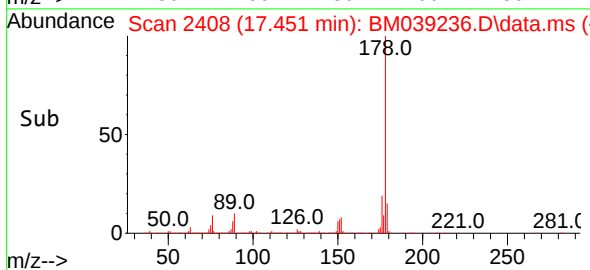
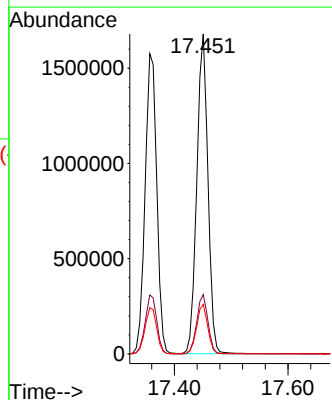
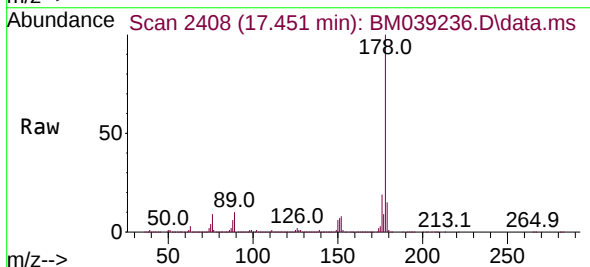
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

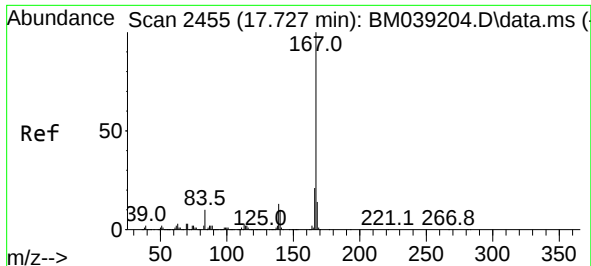
Tgt Ion:178 Resp: 2246060
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.4 12.4 18.6



#72
Anthracene
Concen: 46.535 ng
RT: 17.451 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:178 Resp: 2271352
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.5 12.2 18.2

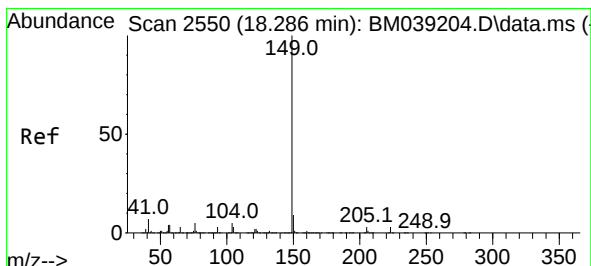
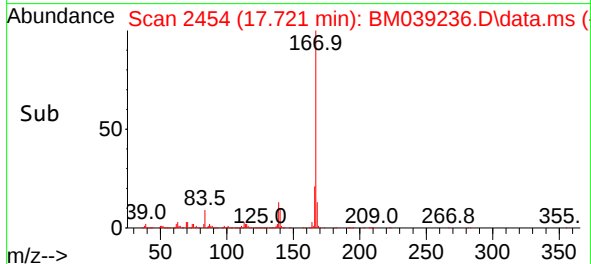
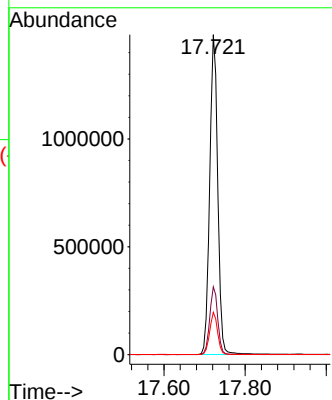
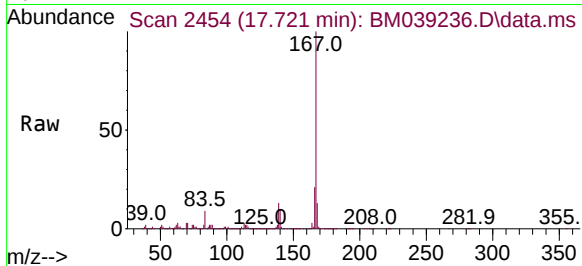




#73
 Carbazole
 Concen: 45.041 ng
 RT: 17.721 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM039236.D
 Acq: 30 Mar 2023 20:59

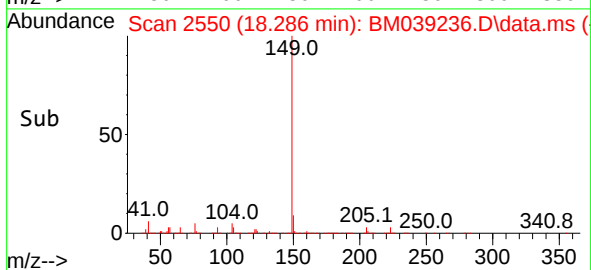
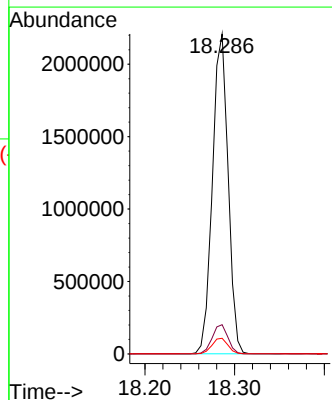
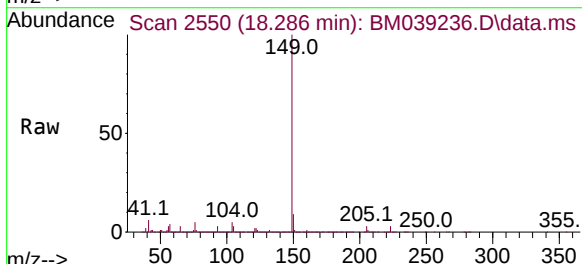
Instrument :
 BNA_M
 ClientSampleId :
 NB-8-032823MS

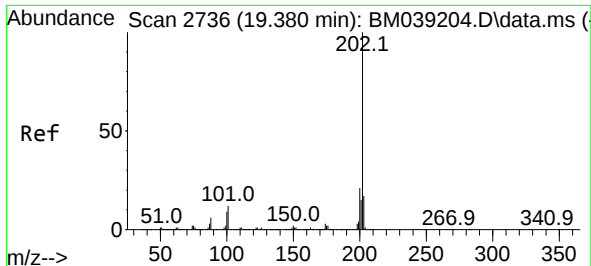
Tgt Ion:167 Resp: 2054273
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.745 ng
 RT: 18.286 min Scan# 2550
 Delta R.T. 0.000 min
 Lab File: BM039236.D
 Acq: 30 Mar 2023 20:59

Tgt Ion:149 Resp: 2693745
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1

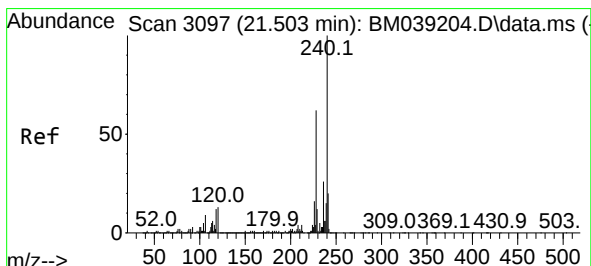
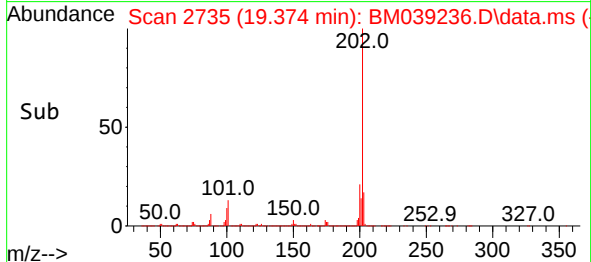
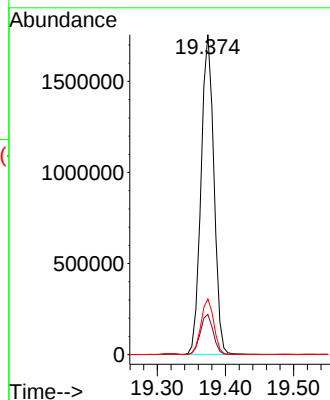
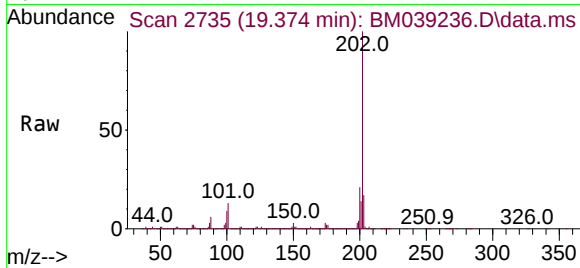




#75
Fluoranthene
Concen: 42.253 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

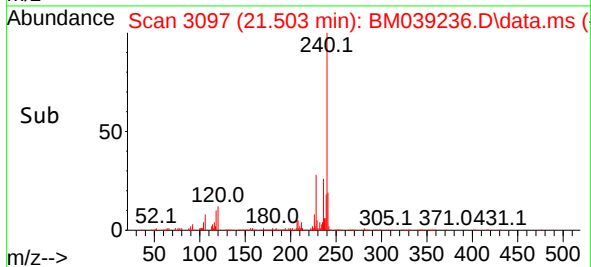
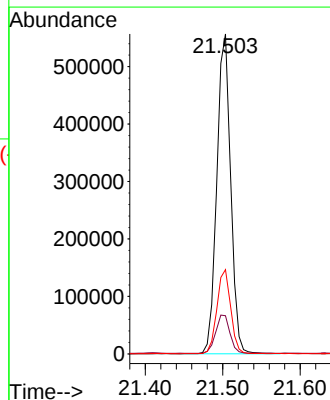
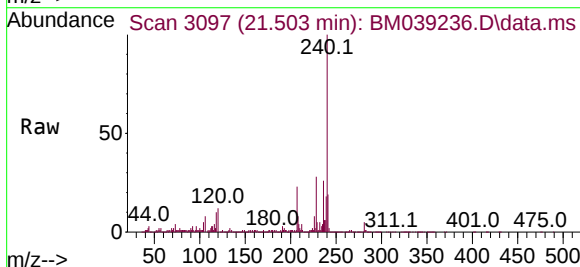
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

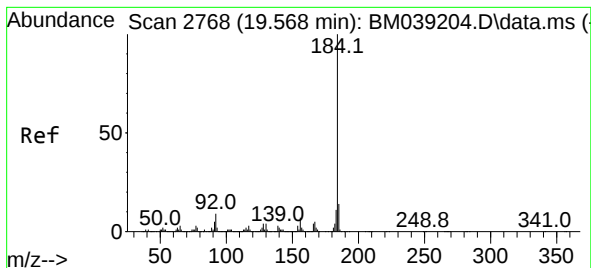
Tgt Ion:202 Resp: 2305567
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.5
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:240 Resp: 690340
Ion Ratio Lower Upper
240 100
120 11.9 10.2 15.2
236 26.3 20.9 31.3





#77

Benzidine

Concen: 46.017 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

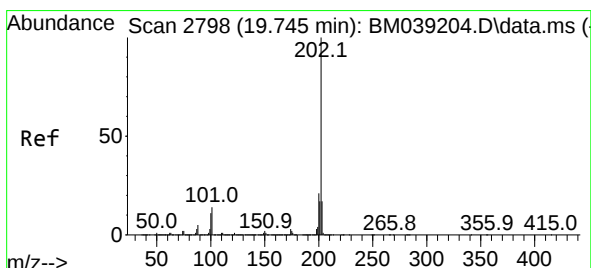
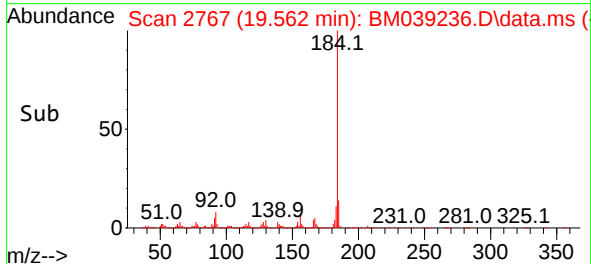
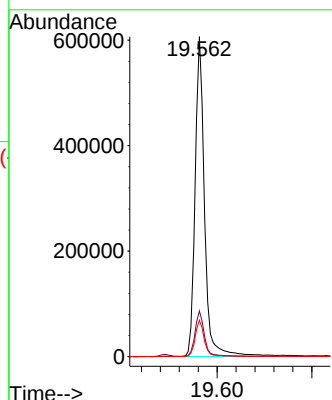
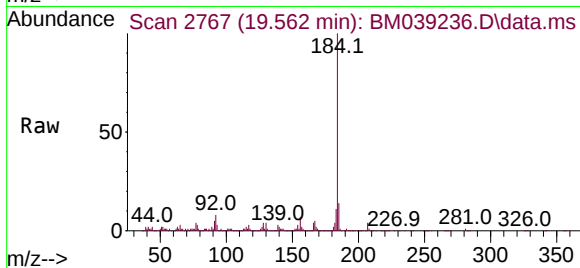
Tgt Ion:184 Resp: 837901

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.4 9.0 13.4



#78

Pyrene

Concen: 48.580 ng

RT: 19.739 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

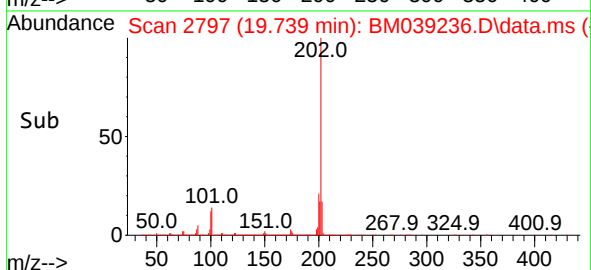
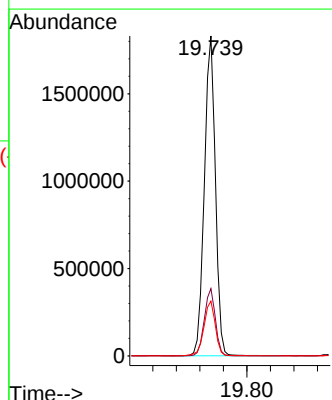
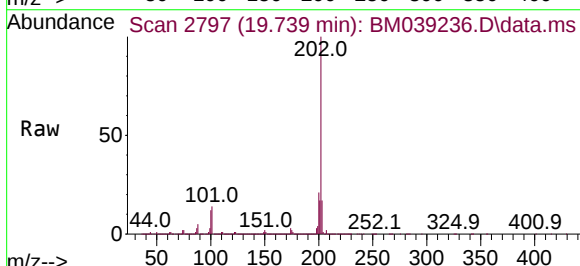
Tgt Ion:202 Resp: 2387473

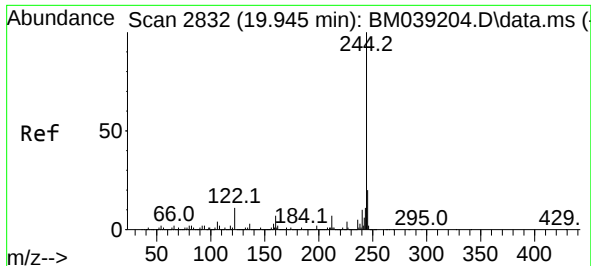
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.1 13.9 20.9

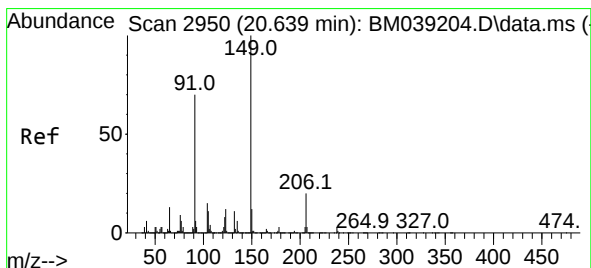
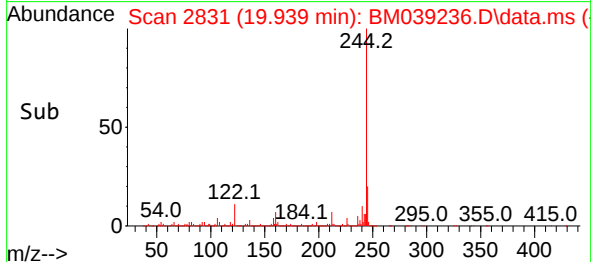
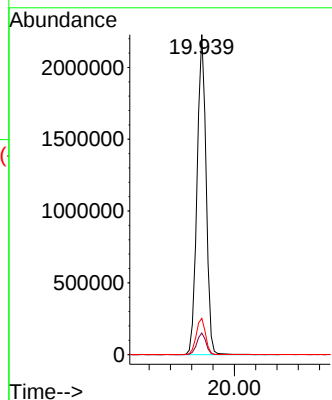
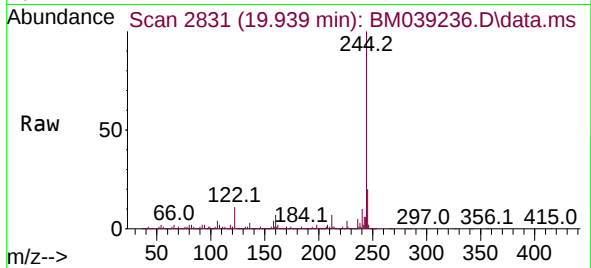




#79
 Terphenyl-d14
 Concen: 70.210 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039236.D
 Acq: 30 Mar 2023 20:59

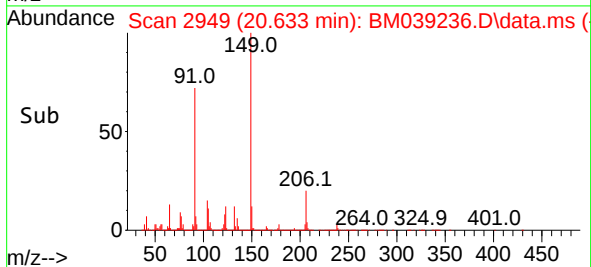
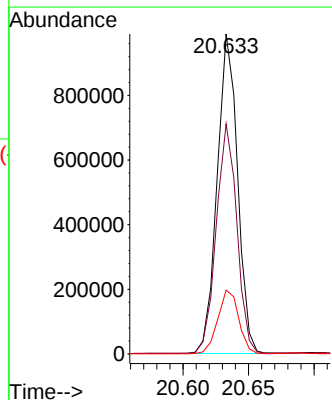
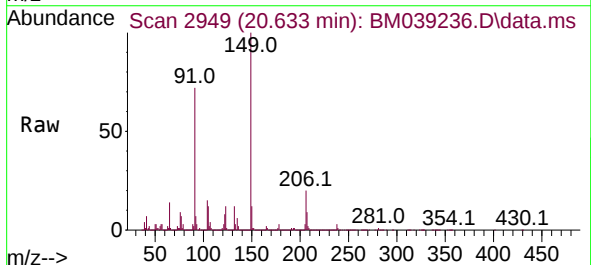
Instrument :
 BNA_M
 ClientSampleId :
 NB-8-032823MS

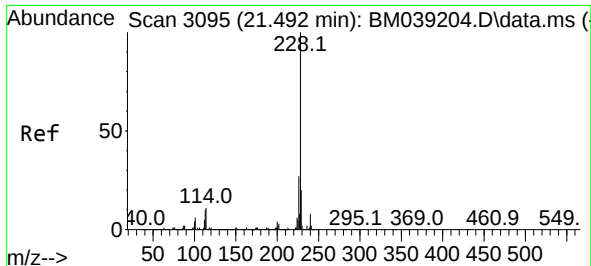
Tgt Ion:244 Resp: 2623406
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 47.599 ng
 RT: 20.633 min Scan# 2949
 Delta R.T. -0.006 min
 Lab File: BM039236.D
 Acq: 30 Mar 2023 20:59

Tgt Ion:149 Resp: 1071675
 Ion Ratio Lower Upper
 149 100
 91 71.9 56.3 84.5
 206 20.0 16.4 24.6

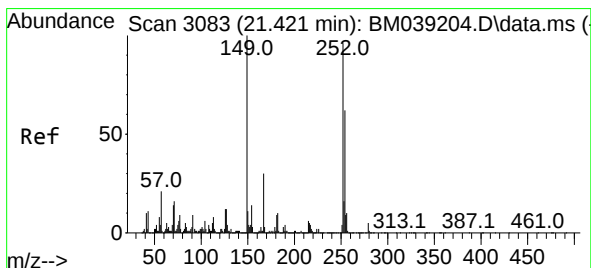
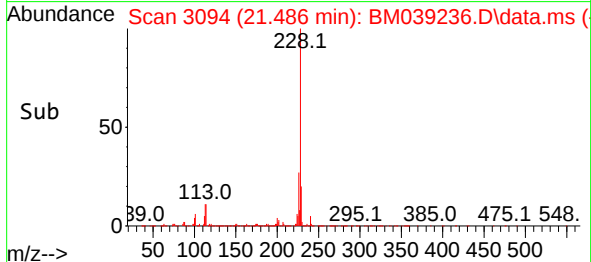
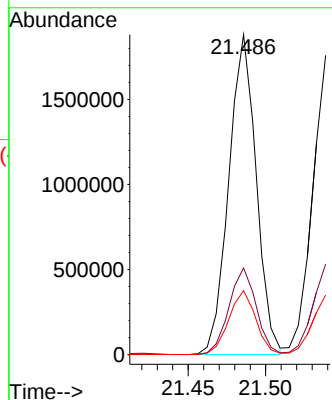
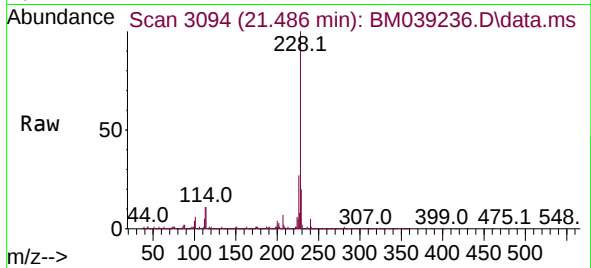




#81
Benzo(a)anthracene
Concen: 47.482 ng
RT: 21.486 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

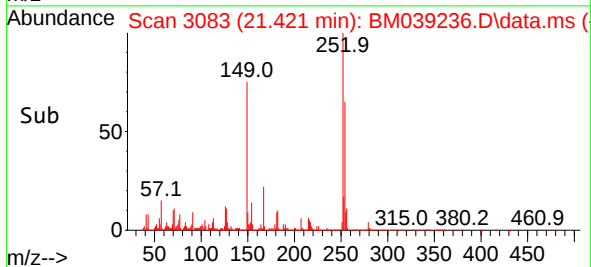
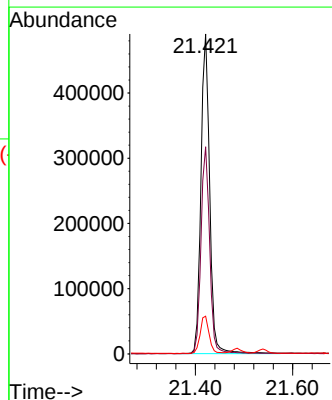
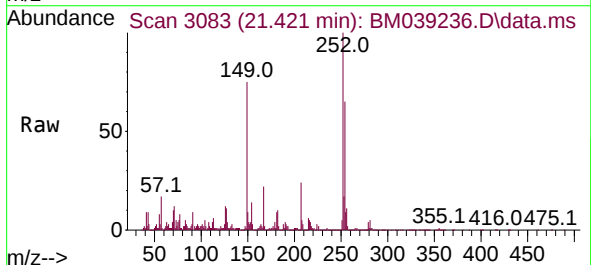
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

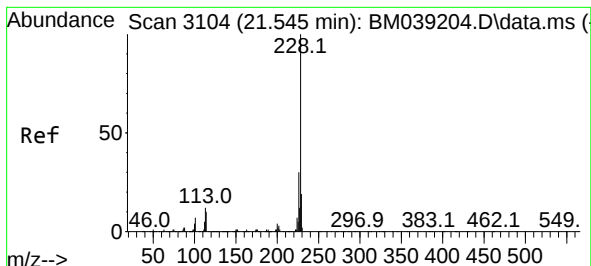
Tgt Ion:228 Resp: 2311764
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 37.453 ng
RT: 21.421 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:252 Resp: 607451
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.8
126 11.8 10.1 15.1





#83

Chrysene

Concen: 46.719 ng

RT: 21.539 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

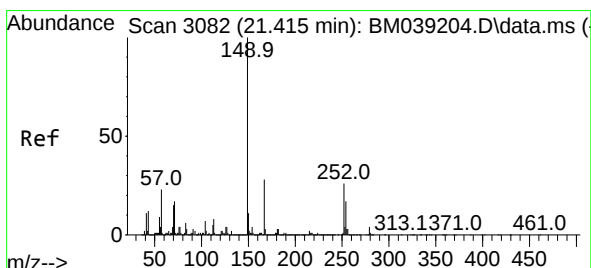
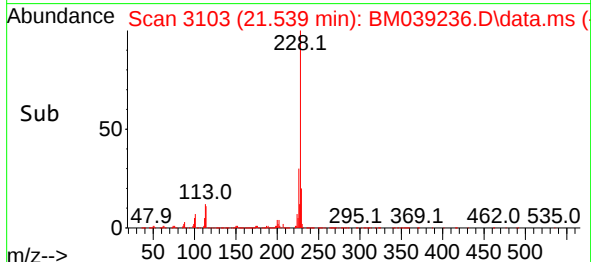
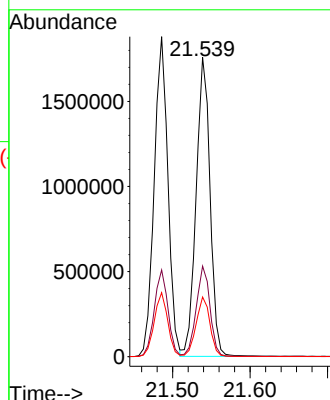
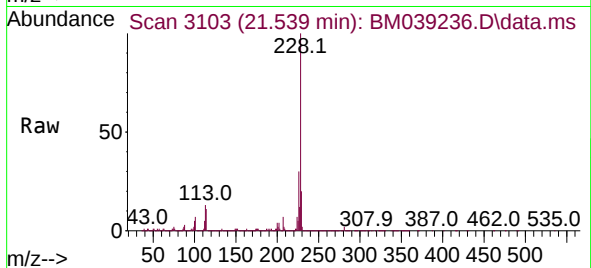
Tgt Ion:228 Resp: 2195820

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.580 ng

RT: 21.409 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

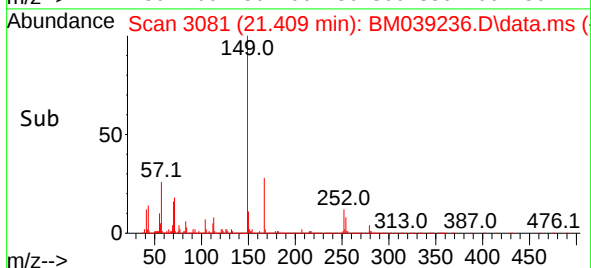
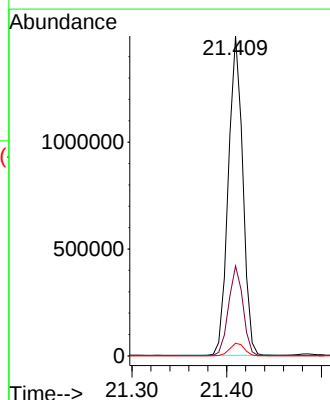
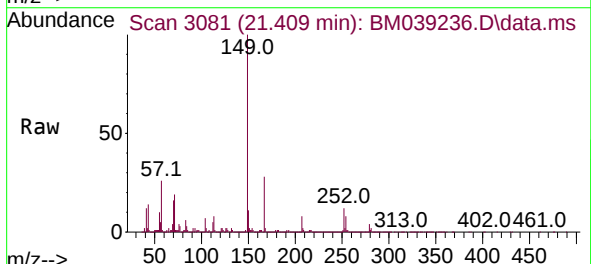
Tgt Ion:149 Resp: 1582123

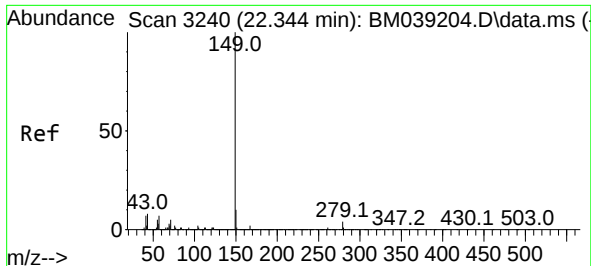
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.0 3.4 5.2

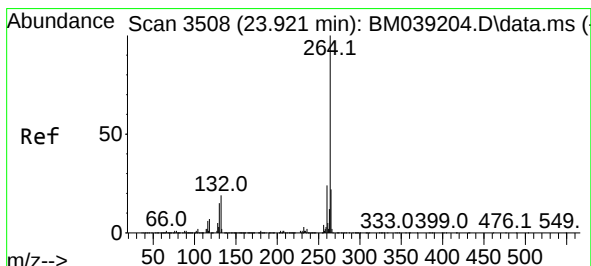
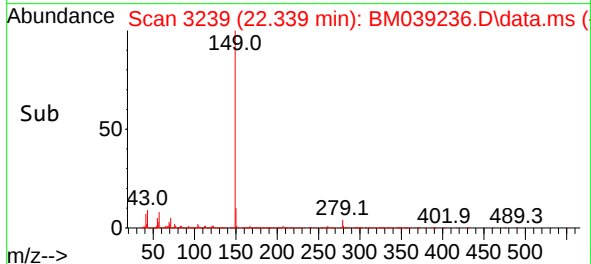
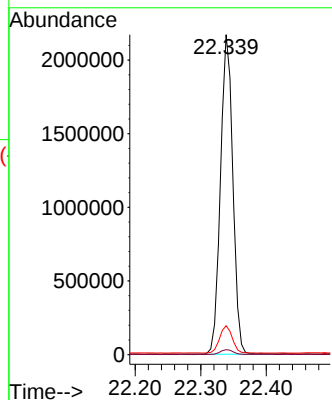
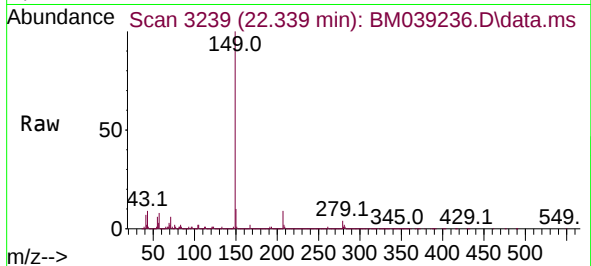




#85
Di-n-octyl phthalate
Concen: 47.508 ng
RT: 22.339 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

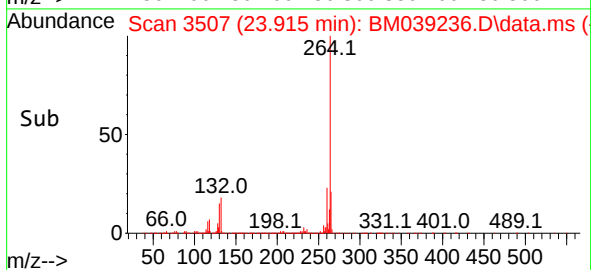
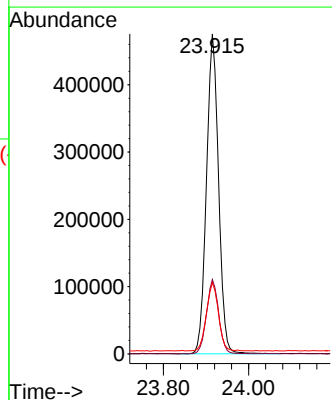
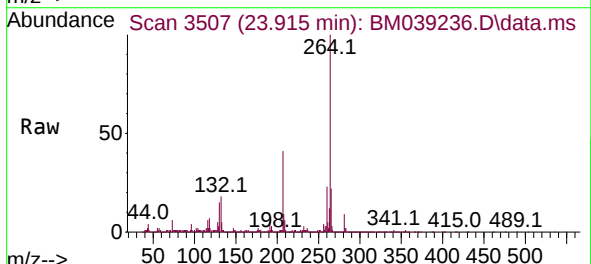
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

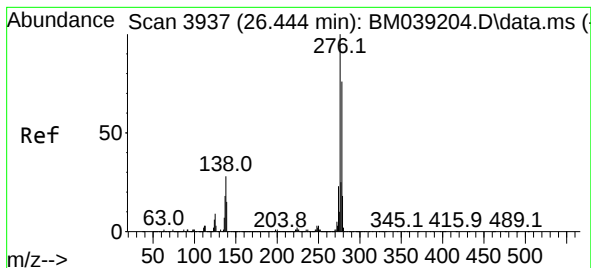
Tgt Ion:149 Resp: 2846190
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.915 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:264 Resp: 933256
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 22.3 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.692 ng

RT: 26.432 min Scan# 3935

Delta R.T. -0.012 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

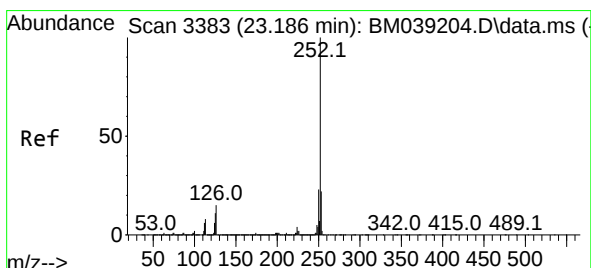
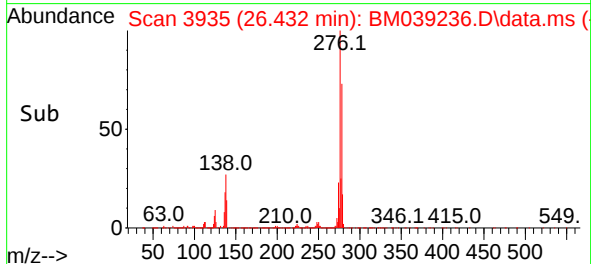
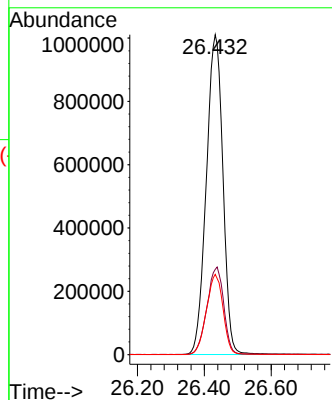
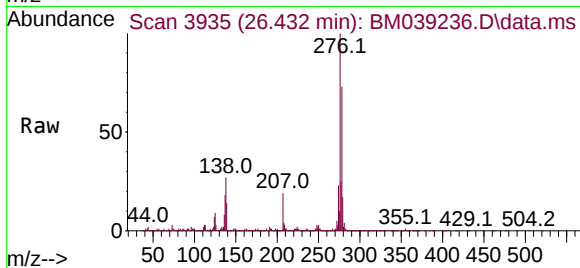
Tgt Ion:276 Resp: 3485689

Ion Ratio Lower Upper

276 100

138 27.6 22.2 33.2

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.147 ng

RT: 23.180 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

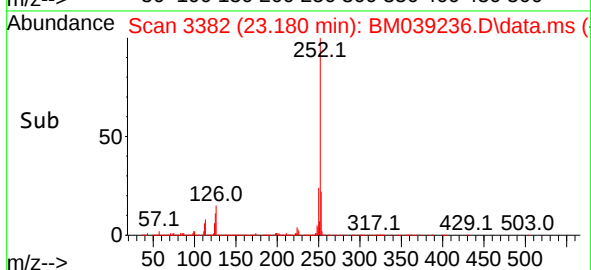
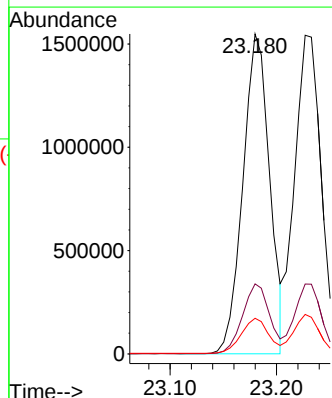
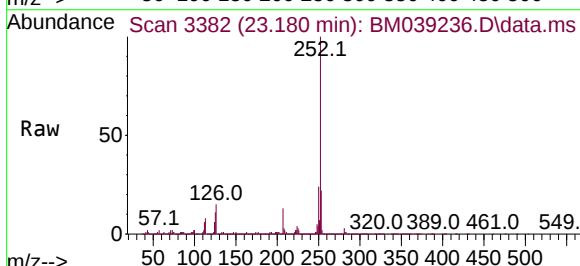
Tgt Ion:252 Resp: 2692259

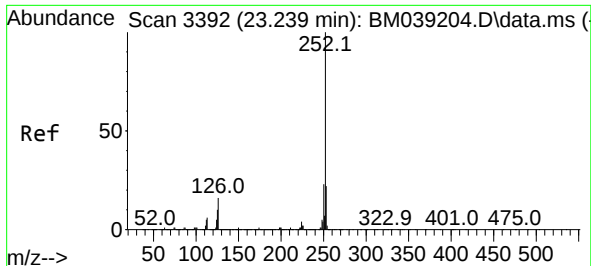
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.1 9.0 13.6

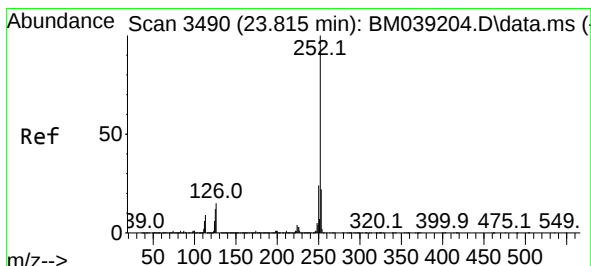
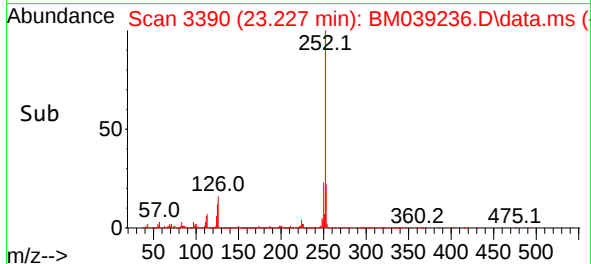
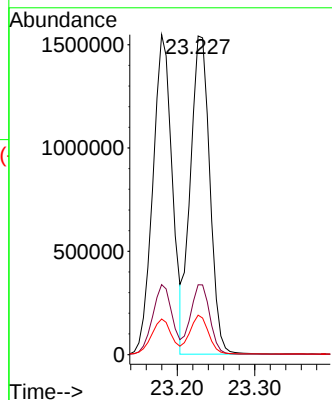
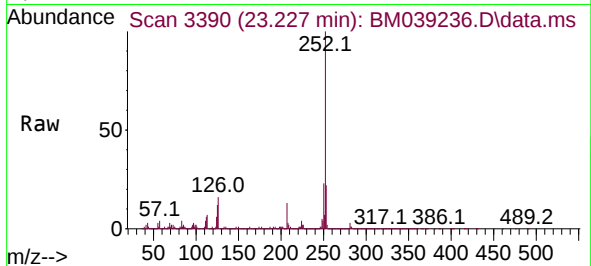




#89
Benzo(k)fluoranthene
Concen: 46.052 ng
RT: 23.227 min Scan# 3392
Delta R.T. -0.012 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

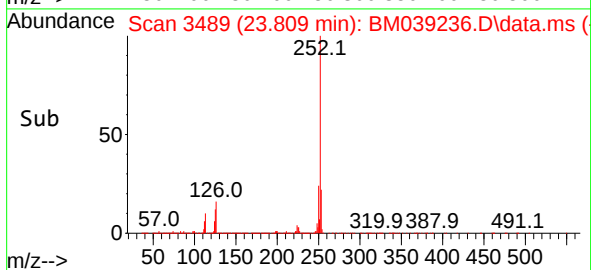
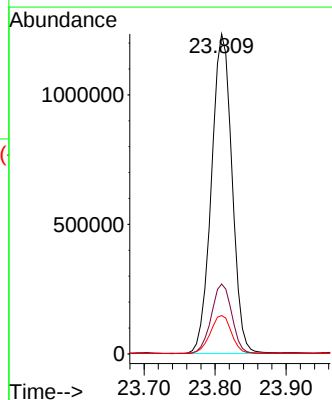
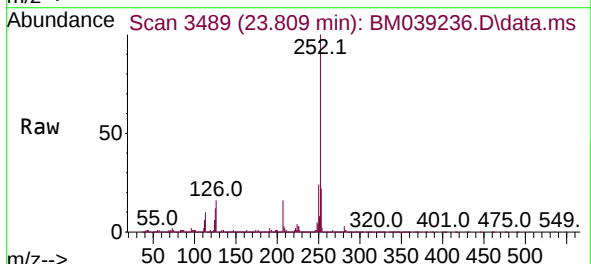
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

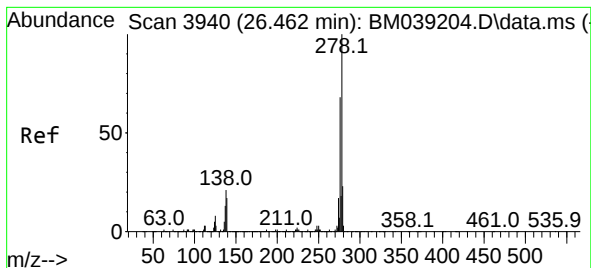
Tgt Ion:252 Resp: 2678646
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 12.4 8.5 12.7



#90
Benzo(a)pyrene
Concen: 44.406 ng
RT: 23.809 min Scan# 3489
Delta R.T. -0.006 min
Lab File: BM039236.D
Acq: 30 Mar 2023 20:59

Tgt Ion:252 Resp: 2491055
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.0 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 50.199 ng

RT: 26.450 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MS

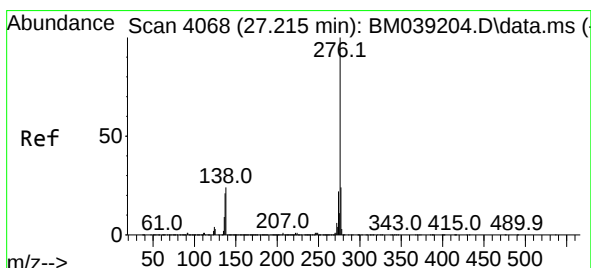
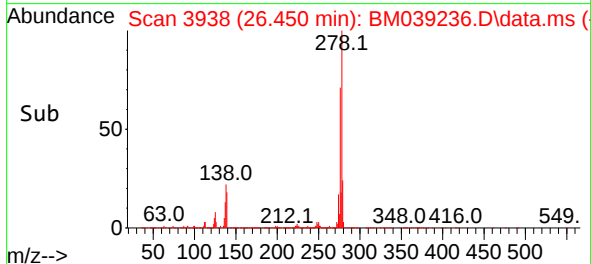
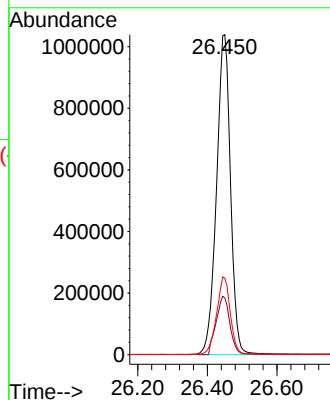
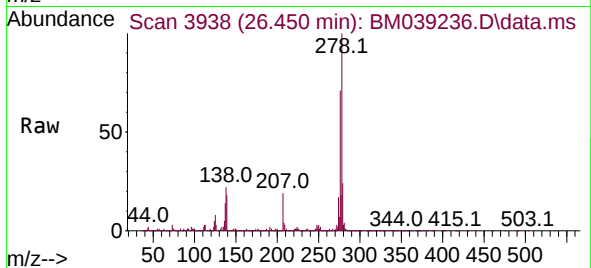
Tgt Ion:278 Resp: 2898399

Ion Ratio Lower Upper

278 100

139 17.7 13.9 20.9

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 50.546 ng

RT: 27.203 min Scan# 4066

Delta R.T. -0.012 min

Lab File: BM039236.D

Acq: 30 Mar 2023 20:59

Tgt Ion:276 Resp: 2870101

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 23.9 19.5 29.3

