

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039237.D
 Acq On : 30 Mar 2023 21:35
 Operator : CG/JU
 Sample : 02117-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-8-032823MSD

Quant Time: Mar 31 02:42:42 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	209820	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	795031	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	409253	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	729996	20.000	ng	0.00
76) Chrysene-d12	21.497	240	627591	20.000	ng	0.00
86) Perylene-d12	23.915	264	847861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1523818	109.417	ng	0.00
7) Phenol-d6	7.092	99	1880532	104.398	ng	0.00
23) Nitrobenzene-d5	9.092	82	1183118	72.327	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	514313	99.000	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	2251215	74.531	ng	0.00
79) Terphenyl-d14	19.939	244	2389613	70.347	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	266137	46.752	ng	98
3) Pyridine	3.757	79	681064	42.707	ng	99
4) n-Nitrosodimethylamine	3.669	42	307891	49.160	ng	99
6) Aniline	7.251	93	566556	25.412	ng	100
8) 2-Chlorophenol	7.487	128	730474	51.246	ng	99
9) Benzaldehyde	7.063	77	470411	45.857	ng	99
10) Phenol	7.122	94	918987	50.909	ng	99
11) bis(2-Chloroethyl)ether	7.345	93	744977	51.299	ng	99
12) 1,3-Dichlorobenzene	7.810	146	810255	53.600	ng	99
13) 1,4-Dichlorobenzene	7.957	146	819109	53.588	ng	100
14) 1,2-Dichlorobenzene	8.275	146	782296	53.524	ng	99
15) Benzyl Alcohol	8.169	79	622438	50.239	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	947109	50.989	ng	99
17) 2-Methylphenol	8.375	107	589161	46.649	ng	99
18) Hexachloroethane	9.004	117	317270	53.660	ng	99
19) n-Nitroso-di-n-propyla...	8.739	70	541394	47.017	ng	100
20) 3+4-Methylphenols	8.704	107	785706	46.297	ng	98
22) Acetophenone	8.751	105	1086578	51.116	ng	100
24) Nitrobenzene	9.133	77	796737	48.968	ng	100
25) Isophorone	9.663	82	1450738	47.539	ng	99
26) 2-Nitrophenol	9.845	139	385820	51.297	ng	98
27) 2,4-Dimethylphenol	9.910	122	640824	51.280	ng	99
28) bis(2-Chloroethoxy)met...	10.145	93	918855	49.740	ng	100
29) 2,4-Dichlorophenol	10.386	162	611838	50.181	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	682398	52.314	ng	98
31) Naphthalene	10.786	128	2121075	49.513	ng	100
32) Benzoic acid	10.057	122	464762	47.717	ng	99
33) 4-Chloroaniline	10.904	127	181467	9.669	ng	99
34) Hexachlorobutadiene	11.069	225	406139	52.951	ng	99
35) Caprolactam	11.692	113	180192	42.563	ng	93
36) 4-Chloro-3-methylphenol	12.027	107	624930	46.455	ng	100
37) 2-Methylnaphthalene	12.392	142	1378212	46.214	ng	99
38) 1-Methylnaphthalene	12.616	142	1277239	45.739	ng	99
40) 1,2,4,5-Tetrachloroben...	12.763	216	697601	55.986	ng	99
41) Hexachlorocyclopentadiene	12.739	237	698569	102.622	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	450125	52.970	ng	98

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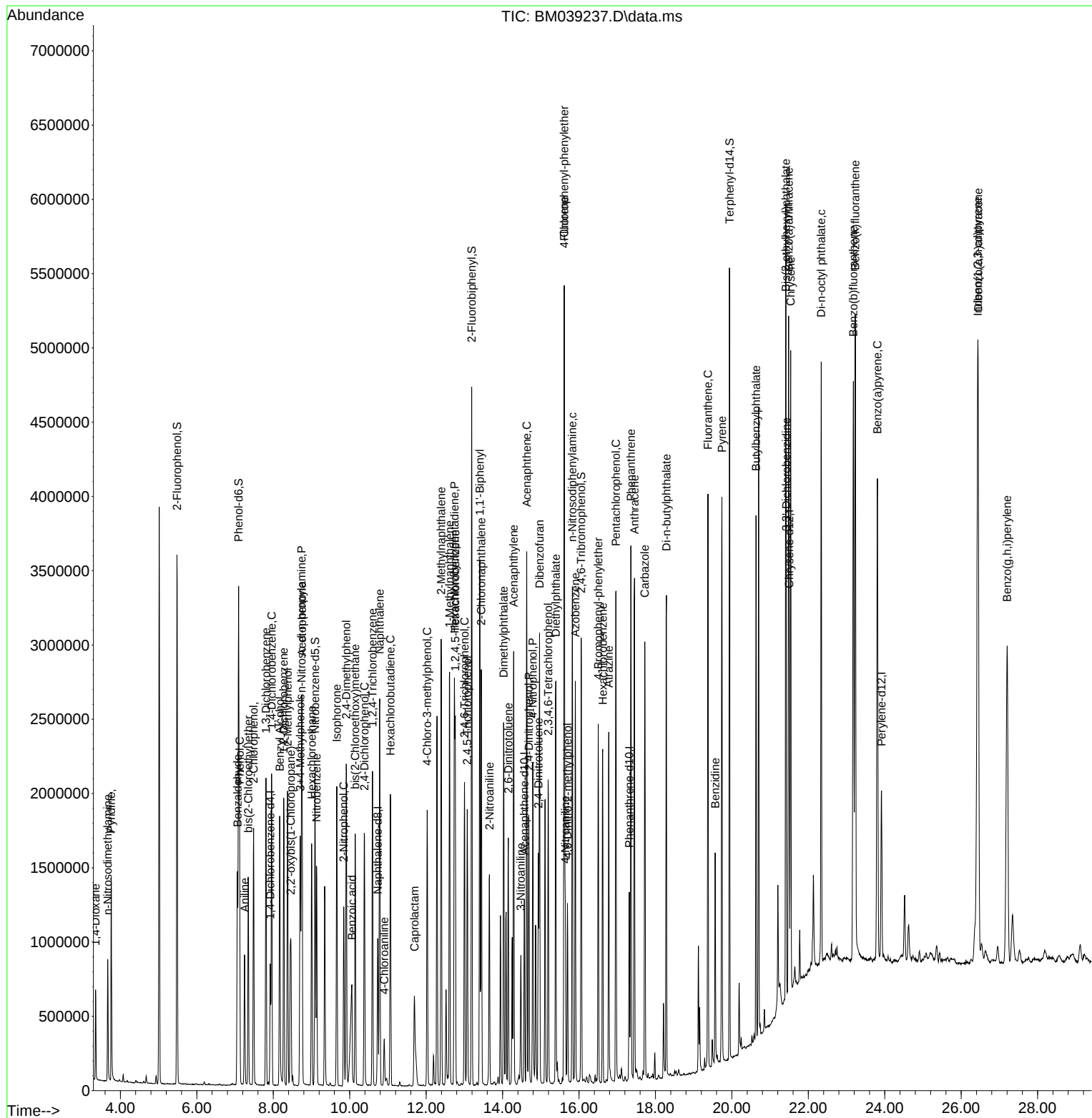
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	469130	47.092	ng	99
46) 1,1'-Biphenyl	13.404	154	1736540	53.733	ng	99
47) 2-Chloronaphthalene	13.445	162	1318268	53.873	ng	99
48) 2-Nitroaniline	13.657	65	390868	47.466	ng	97
49) Acenaphthylene	14.292	152	2000707	49.747	ng	99
50) Dimethylphthalate	14.027	163	1518415	48.143	ng	100
51) 2,6-Dinitrotoluene	14.151	165	326330	48.113	ng	98
52) Acenaphthene	14.633	154	1194962	50.319	ng	100
53) 3-Nitroaniline	14.480	138	214629	27.373	ng	98
54) 2,4-Dinitrophenol	14.686	184	364777	90.815	ng	99
55) Dibenzofuran	14.968	168	1846911	48.307	ng	100
56) 4-Nitrophenol	14.792	139	582051	96.266	ng	96
57) 2,4-Dinitrotoluene	14.939	165	427025	46.542	ng	98
58) Fluorene	15.615	166	1435343	47.410	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	377276	47.605	ng	99
60) Diethylphthalate	15.392	149	1465939	46.177	ng	100
61) 4-Chlorophenyl-phenylether	15.610	204	715943	47.717	ng	100
62) 4-Nitroaniline	15.645	138	323359	40.187	ng	100
63) Azobenzene	15.904	77	1500173	47.167	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	224646	46.777	ng	97
66) n-Nitrosodiphenylamine	15.827	169	1209380	52.574	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	417243	53.520	ng	99
68) Hexachlorobenzene	16.621	284	463918	54.882	ng	99
69) Atrazine	16.780	200	383796	52.678	ng	99
70) Pentachlorophenol	16.968	266	578772	95.433	ng	99
71) Phenanthrene	17.356	178	2012412	50.335	ng	100
72) Anthracene	17.451	178	2045614	50.178	ng	100
73) Carbazole	17.721	167	1846450	48.471	ng	99
74) Di-n-butylphthalate	18.286	149	2388825	50.694	ng	99
75) Fluoranthene	19.374	202	2109621	46.289	ng	100
77) Benzidine	19.562	184	806172	48.701	ng	100
78) Pyrene	19.739	202	2189713	49.011	ng	100
80) Butylbenzylphthalate	20.633	149	985035	48.125	ng	98
81) Benzo(a)anthracene	21.486	228	2244908	50.719	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	638673	43.316	ng	99
83) Chrysene	21.539	228	2128822	49.822	ng	100
84) Bis(2-ethylhexyl)phtha...	21.409	149	1451992	48.032	ng	99
85) Di-n-octyl phthalate	22.339	149	2744280	50.387	ng	99
87) Indeno(1,2,3-cd)pyrene	26.432	276	3419232	54.734	ng	100
88) Benzo(b)fluoranthene	23.180	252	2699267	52.030	ng	100
89) Benzo(k)fluoranthene	23.227	252	2640603	49.970	ng	98
90) Benzo(a)pyrene	23.809	252	2451803	48.108	ng	100
91) Dibenzo(a,h)anthracene	26.444	278	2845674	54.249	ng	99
92) Benzo(g,h,i)perylene	27.203	276	2800738	54.292	ng	99

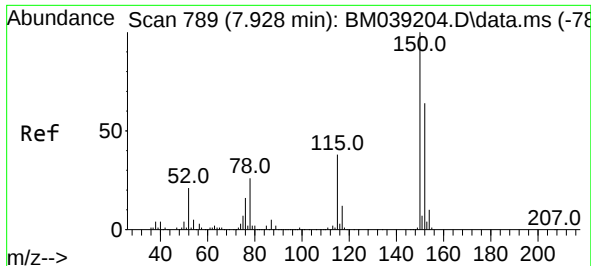
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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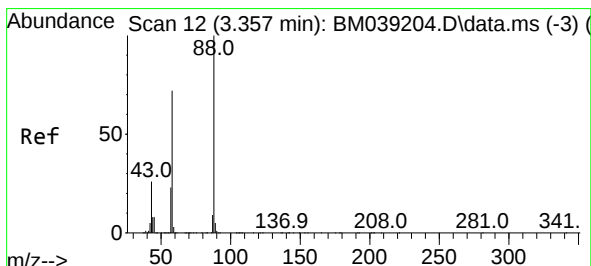
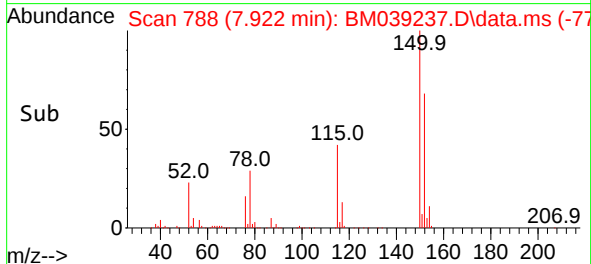
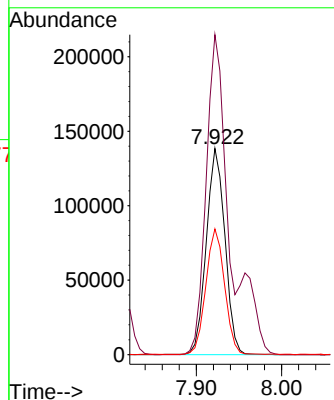
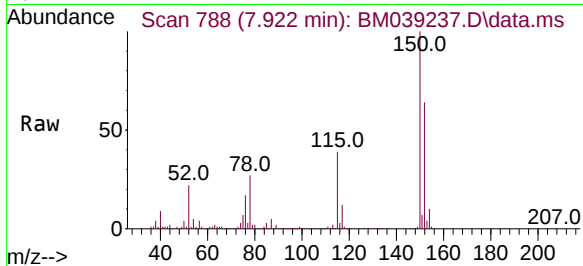




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 78
Delta R.T. -0.006 min
Lab File: BM039237.D
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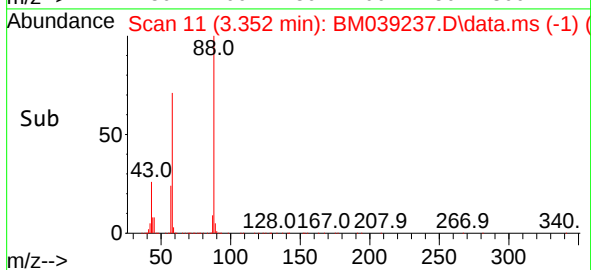
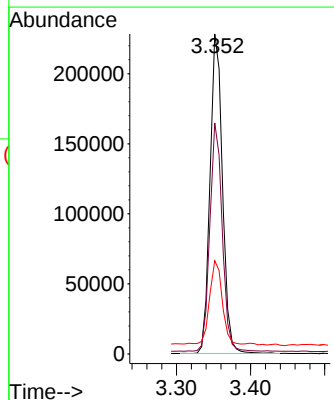
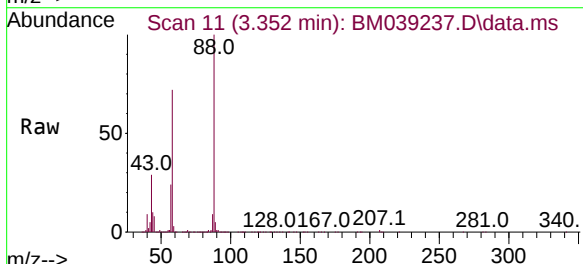
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

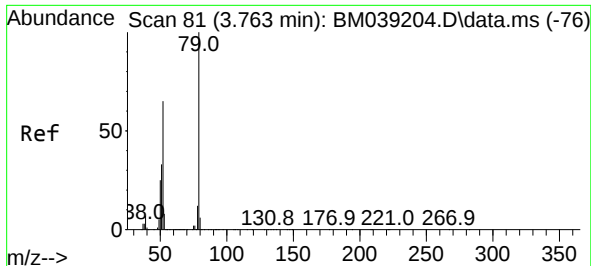
Tgt Ion:152 Resp: 209820
Ion Ratio Lower Upper
152 100
150 155.2 125.5 188.3
115 61.0 48.1 72.1



#2
1,4-Dioxane
Concen: 46.752 ng
RT: 3.352 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 88 Resp: 266137
Ion Ratio Lower Upper
88 100
58 70.6 57.9 86.9
43 26.0 21.4 32.2

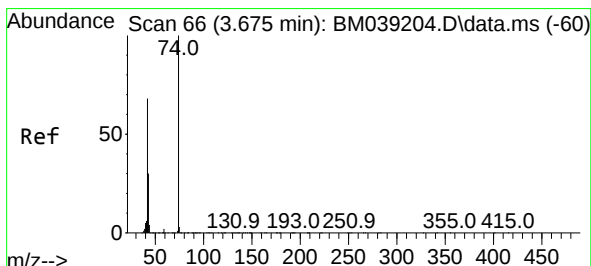
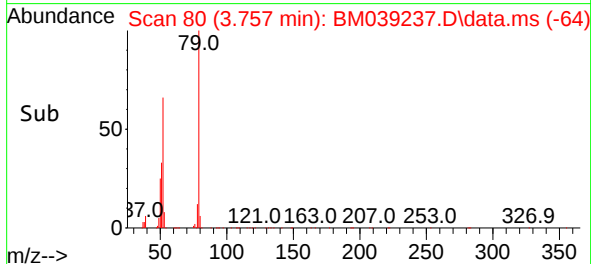
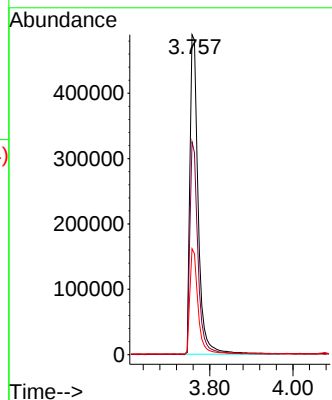
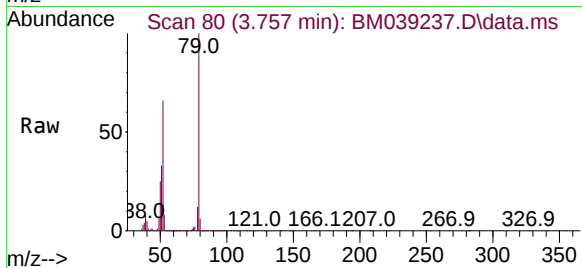




#3
 Pyridine
 Concen: 42.707 ng
 RT: 3.757 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM039237.D
 Acq: 30 Mar 2023 21:35

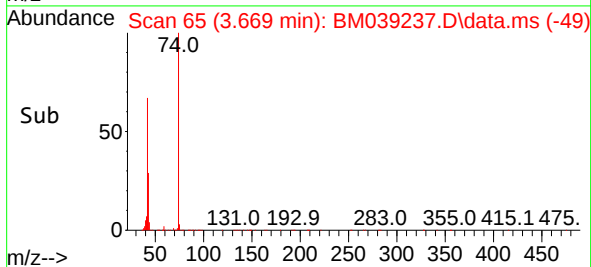
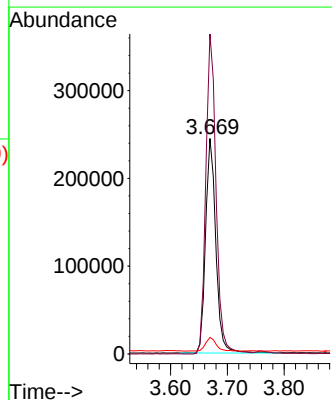
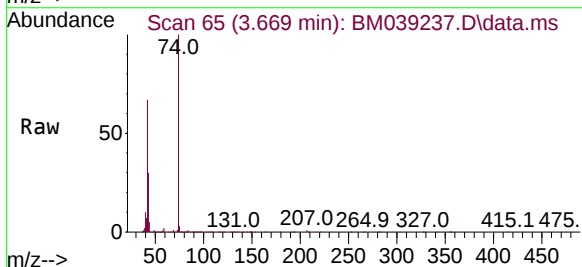
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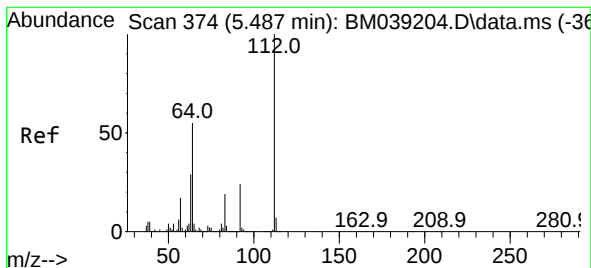
Tgt Ion: 79 Resp: 681064
 Ion Ratio Lower Upper
 79 100
 52 66.5 52.0 78.0
 51 33.1 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 49.160 ng
 RT: 3.669 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BM039237.D
 Acq: 30 Mar 2023 21:35

Tgt Ion: 42 Resp: 307891
 Ion Ratio Lower Upper
 42 100
 74 148.5 118.1 177.1
 44 7.6 6.3 9.5





#5

2-Fluorophenol

Concen: 109.417 ng

RT: 5.481 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

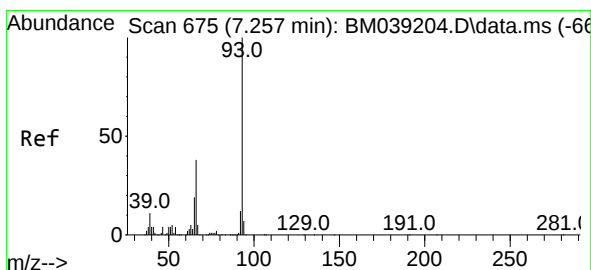
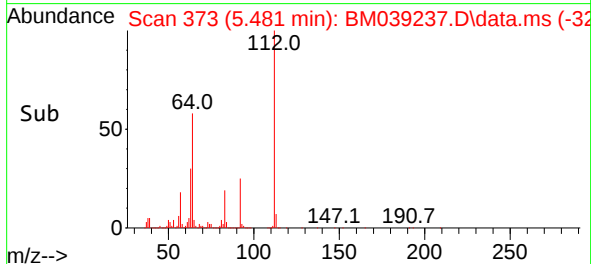
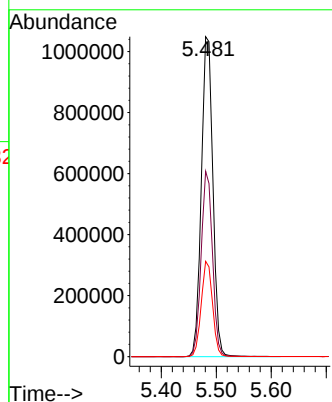
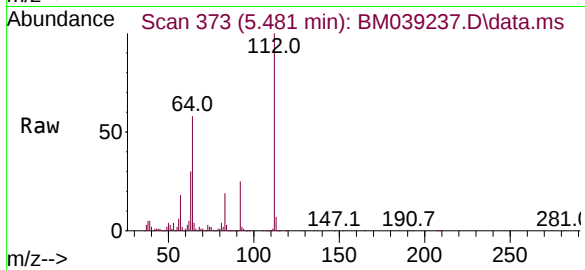
Tgt Ion:112 Resp: 1523818

Ion Ratio Lower Upper

112 100

64 57.9 44.3 66.5

63 29.8 23.0 34.6



#6

Aniline

Concen: 25.412 ng

RT: 7.251 min Scan# 674

Delta R.T. -0.006 min

Lab File: BM039237.D

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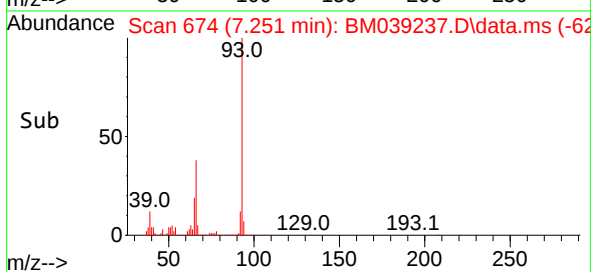
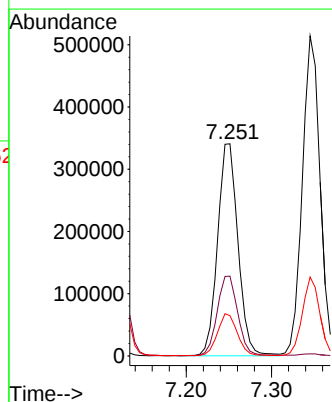
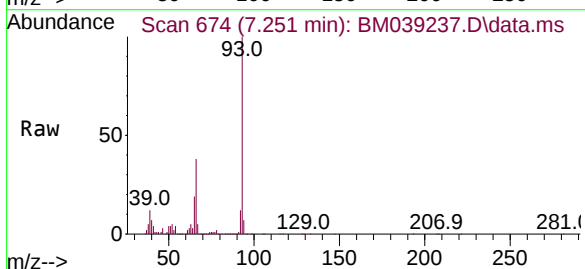
Tgt Ion: 93 Resp: 566556

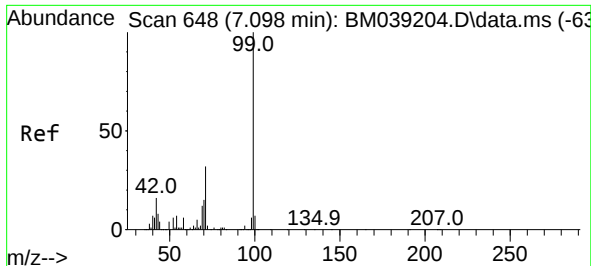
Ion Ratio Lower Upper

93 100

66 37.6 30.1 45.1

65 19.0 15.5 23.3



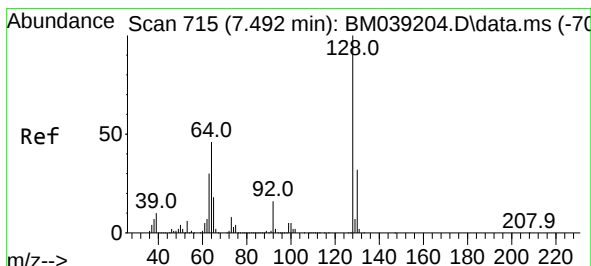
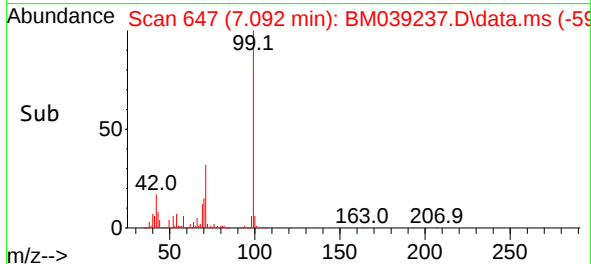
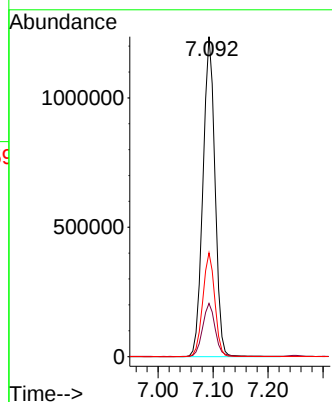
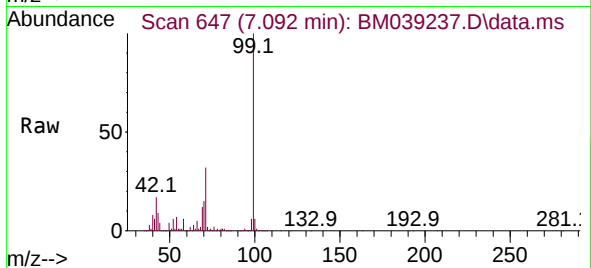


#7
Phenol-d6
Concen: 104.398 ng
RT: 7.092 min Scan# 64
Delta R.T. -0.006 min
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Tgt Ion: 99 Resp: 1880532

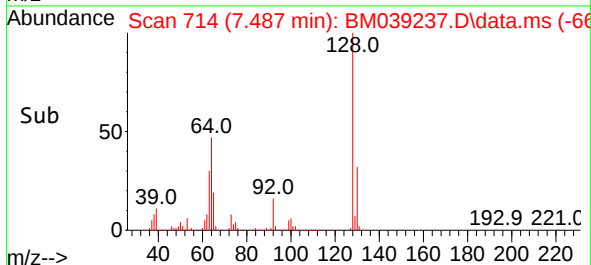
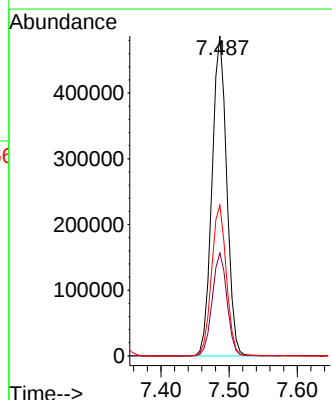
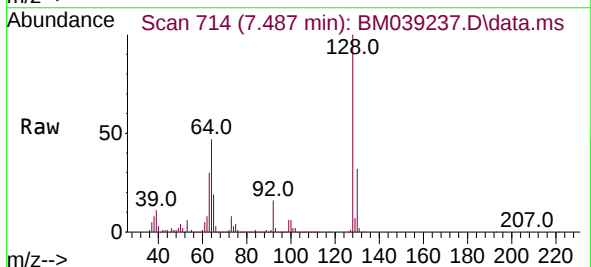
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.6
71	32.5	25.5	38.3

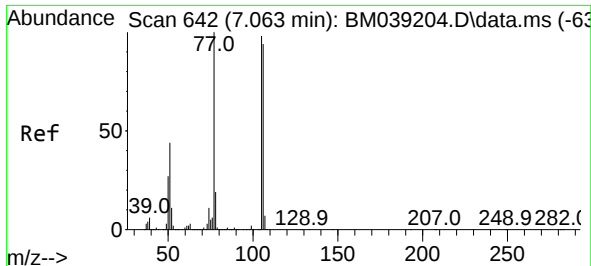


#8
2-Chlorophenol
Concen: 51.246 ng
RT: 7.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 128 Resp: 730474

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.2	52.2
64	47.1	25.9	65.9

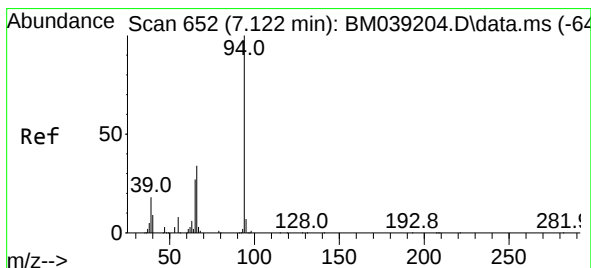
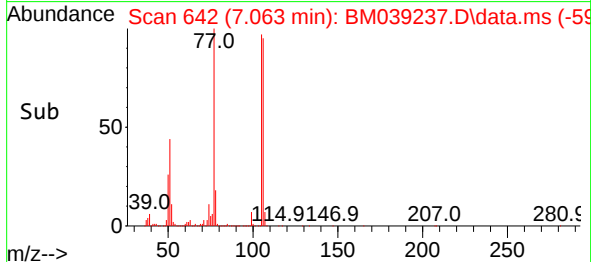
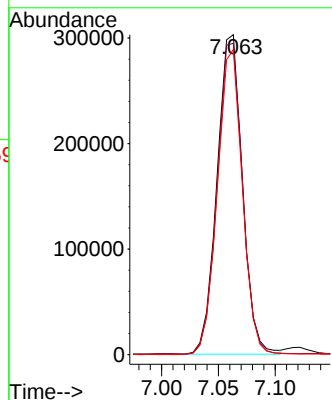
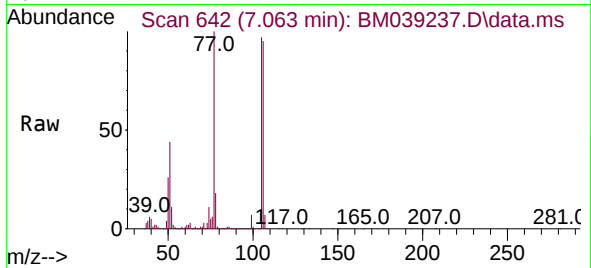




#9
Benzaldehyde
Concen: 45.857 ng
RT: 7.063 min Scan# 642
Delta R.T. 0.000 min
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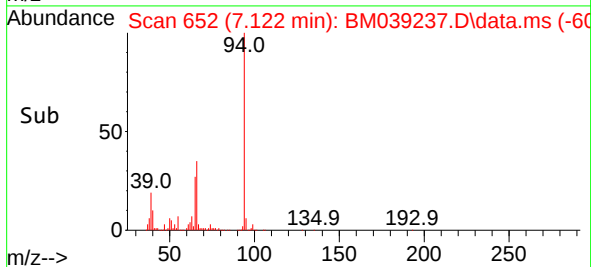
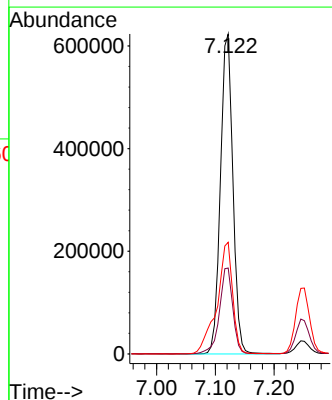
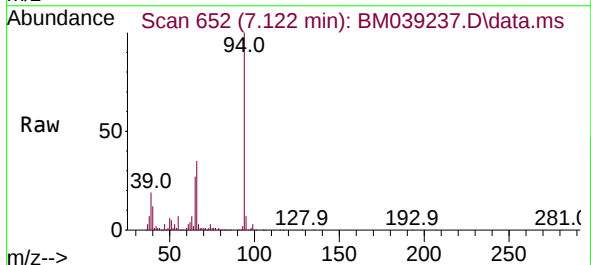
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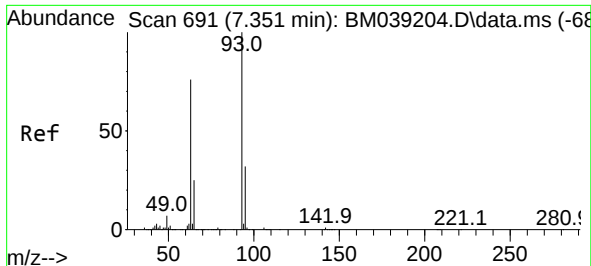
Tgt Ion: 77 Resp: 470411
Ion Ratio Lower Upper
77 100
105 97.3 78.2 118.2
106 95.3 73.8 113.8



#10
Phenol
Concen: 50.909 ng
RT: 7.122 min Scan# 652
Delta R.T. -0.000 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 94 Resp: 918987
Ion Ratio Lower Upper
94 100
65 26.8 7.2 47.2
66 34.9 15.2 55.2

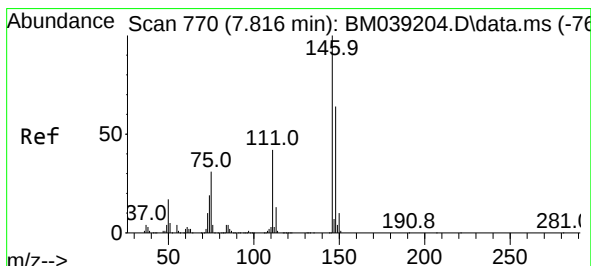
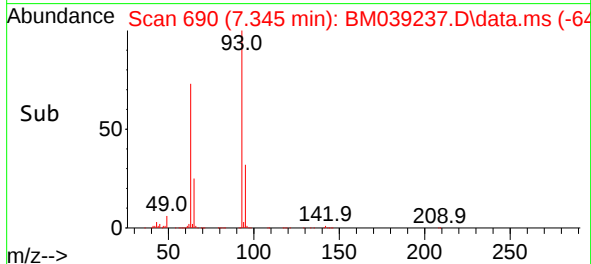
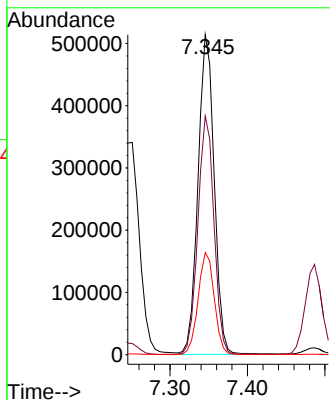
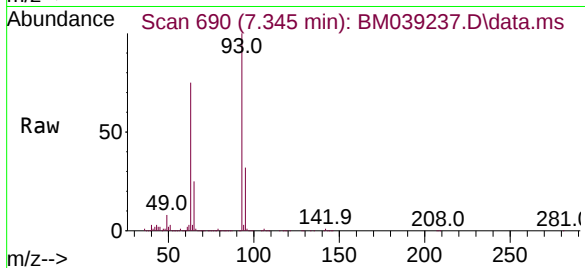




#11
bis(2-Chloroethyl)ether
Concen: 51.299 ng
RT: 7.345 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

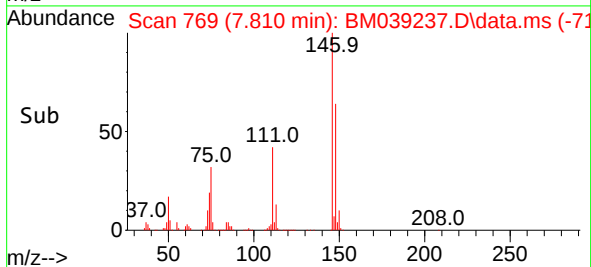
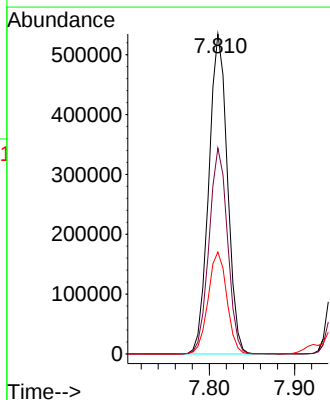
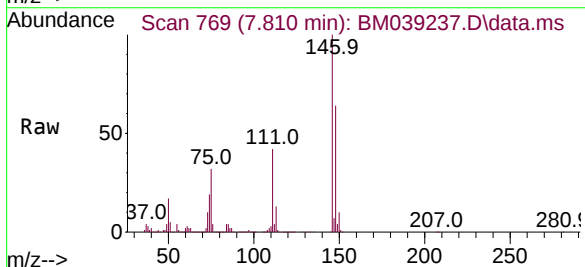
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

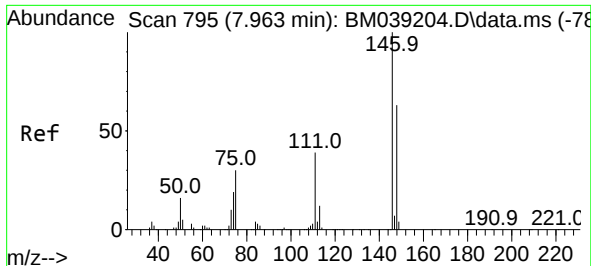
Tgt Ion: 93 Resp: 744977
Ion Ratio Lower Upper
93 100
63 74.6 55.5 95.5
95 31.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 53.600 ng
RT: 7.810 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 146 Resp: 810255
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 31.8 25.2 37.8

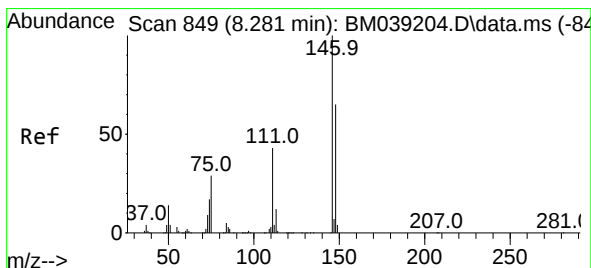
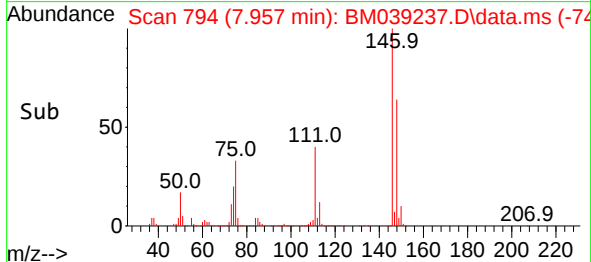
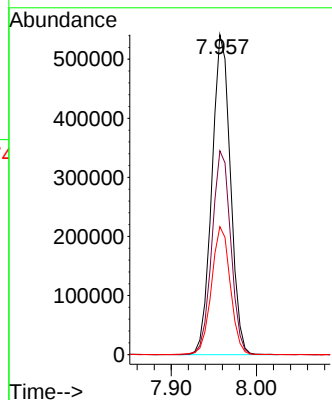
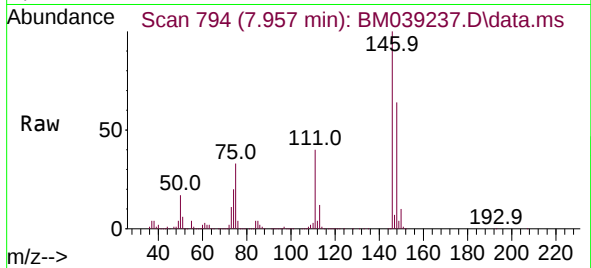




#13
1,4-Dichlorobenzene
Concen: 53.588 ng
RT: 7.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

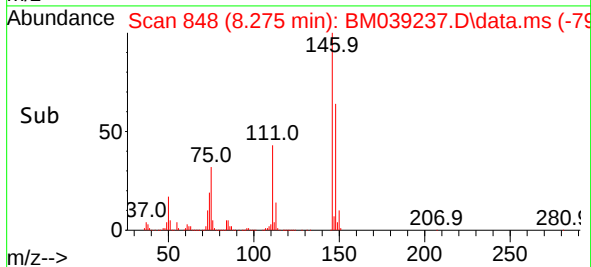
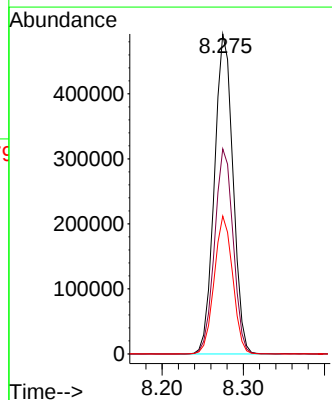
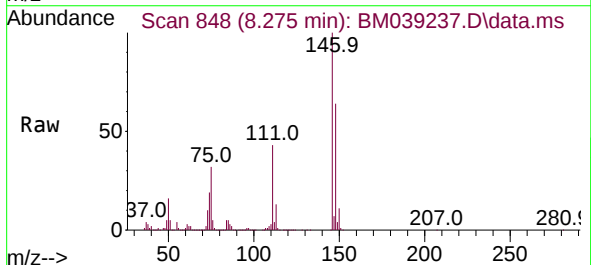
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

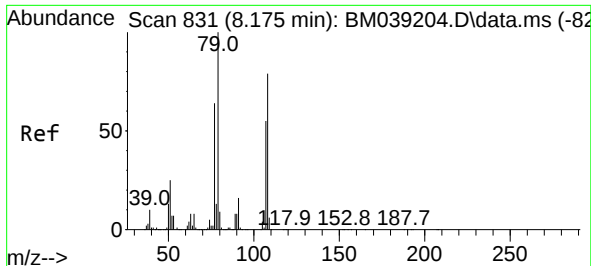
Tgt Ion:146 Resp: 819109
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 40.0 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 53.524 ng
RT: 8.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:146 Resp: 782296
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
111 43.1 34.5 51.7

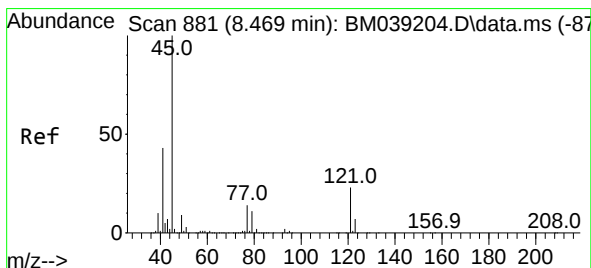
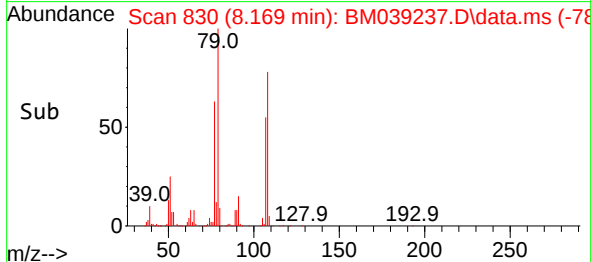
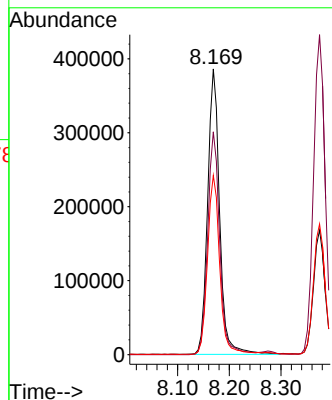
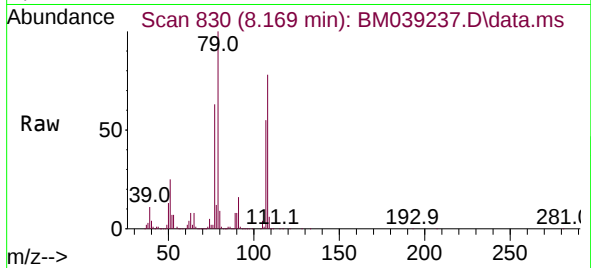




#15
Benzyl Alcohol
Concen: 50.239 ng
RT: 8.169 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

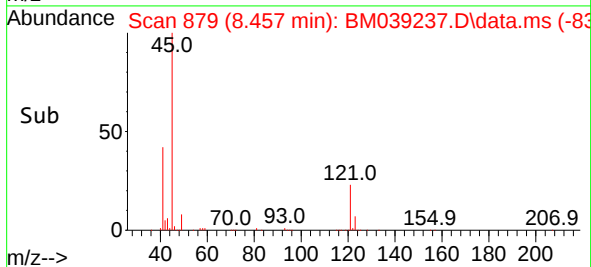
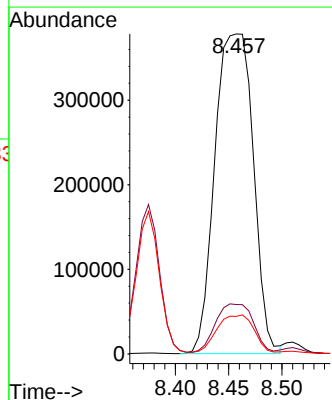
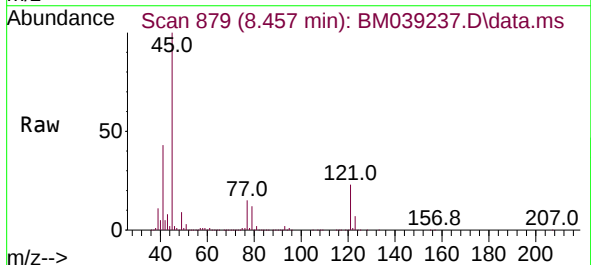
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

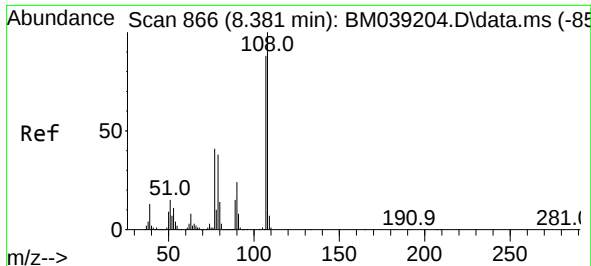
Tgt Ion: 79 Resp: 622438
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 62.7 51.5 77.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 50.989 ng
RT: 8.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 45 Resp: 947109
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 11.7 0.0 32.2

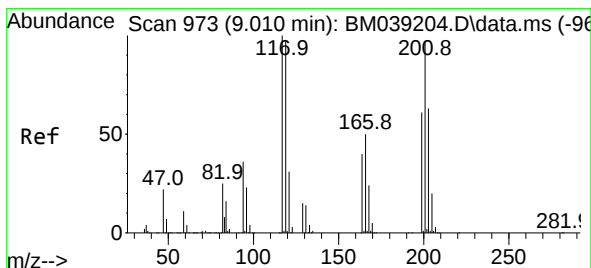
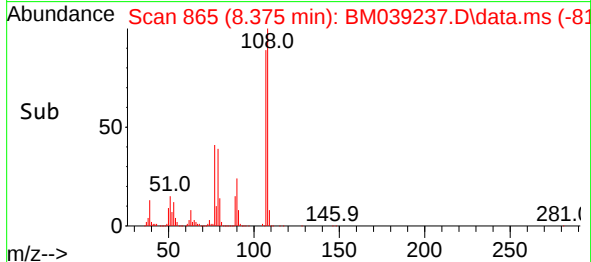
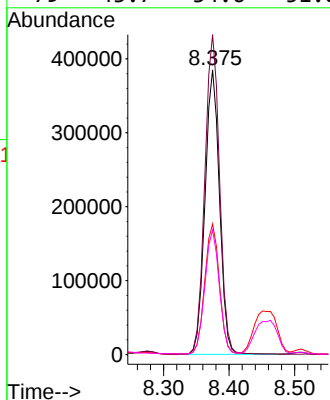
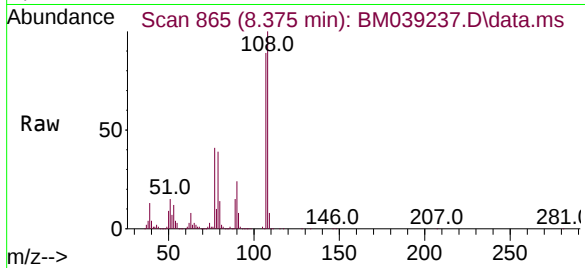




#17
2-Methylphenol
Concen: 46.649 ng
RT: 8.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

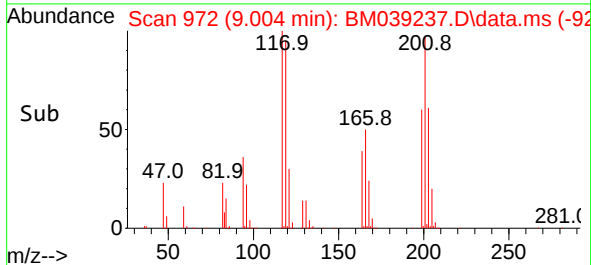
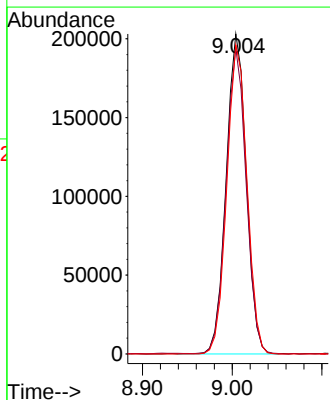
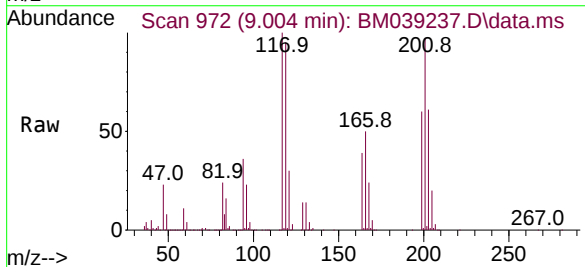
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

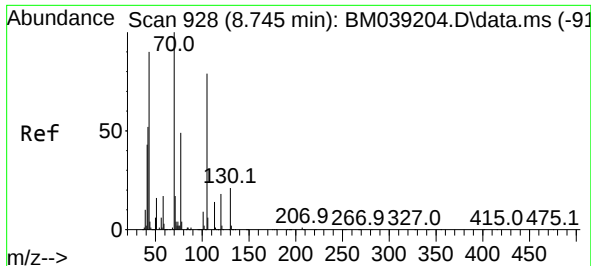
Tgt Ion:	107	Resp:	589161
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.6	136.0
77	45.9	37.0	55.4
79	43.7	34.6	51.8



#18
Hexachloroethane
Concen: 53.660 ng
RT: 9.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:	117	Resp:	317270
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	96.6	77.3	115.9





#19

n-Nitroso-di-n-propylamine

Concen: 47.017 ng

RT: 8.739 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

Tgt Ion: 70 Resp: 541394

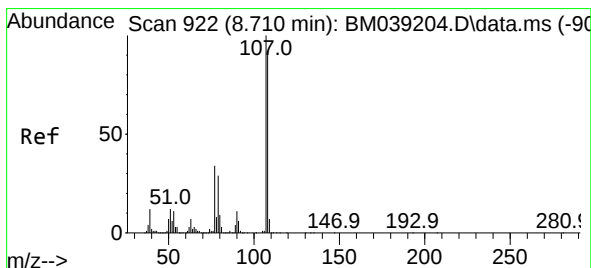
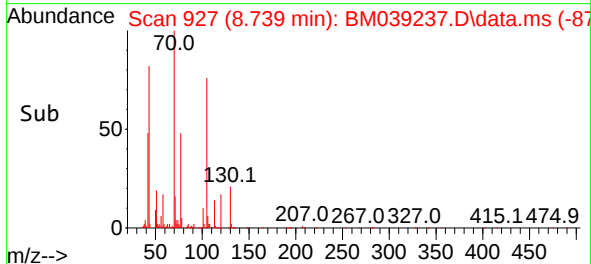
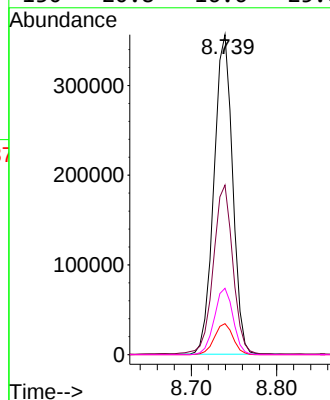
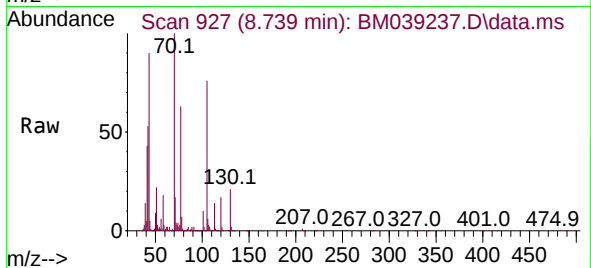
Ion Ratio Lower Upper

70 100

42 53.0 42.2 63.2

101 9.7 7.6 11.4

130 20.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 46.297 ng

RT: 8.704 min Scan# 921

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Tgt Ion: 107 Resp: 785706

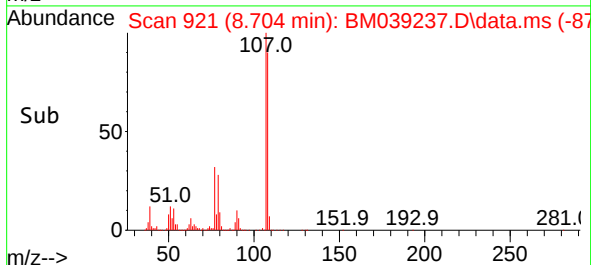
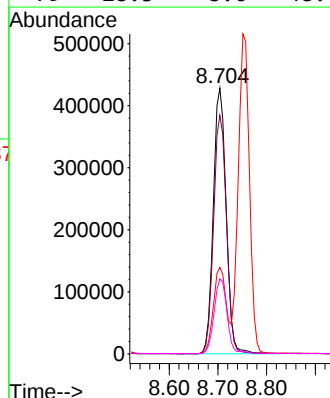
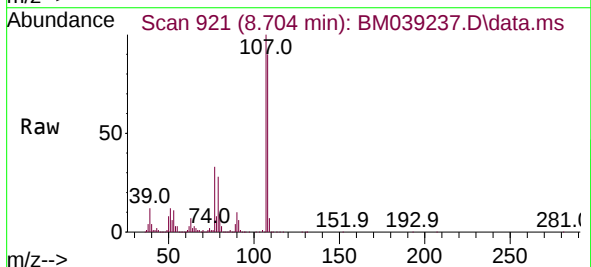
Ion Ratio Lower Upper

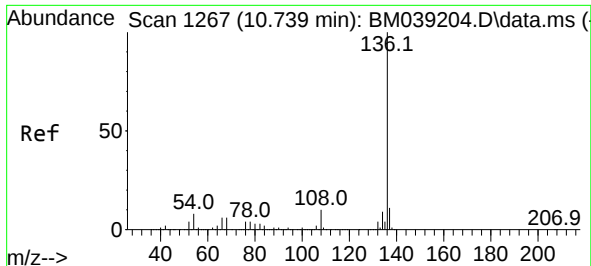
107 100

108 89.8 72.1 112.1

77 32.6 13.7 53.7

79 28.3 8.6 48.6

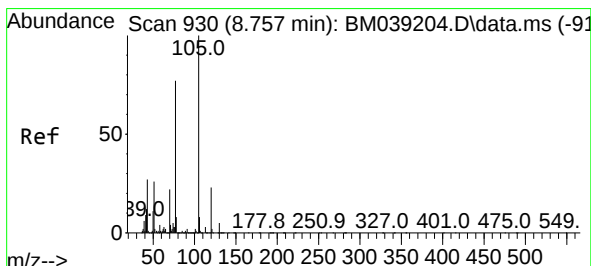
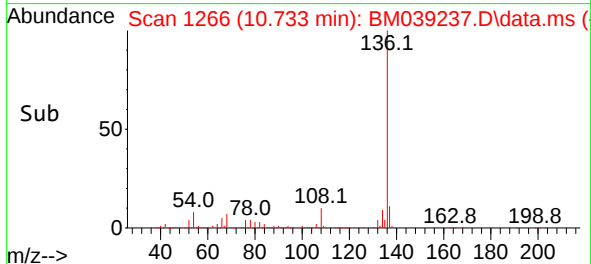
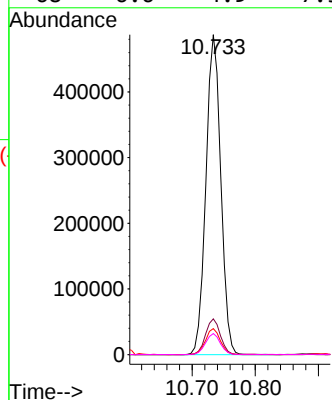
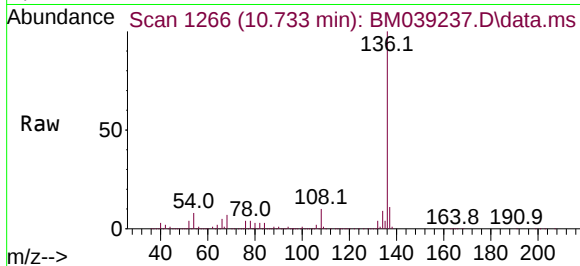




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

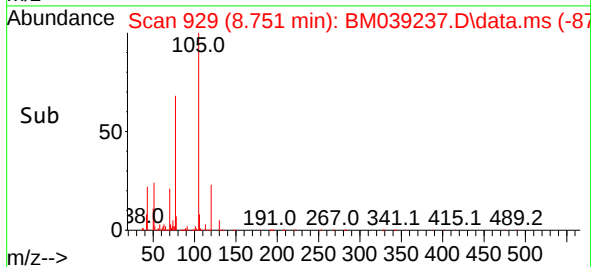
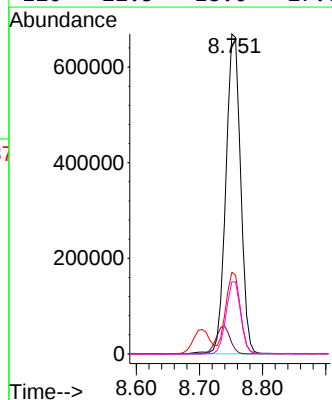
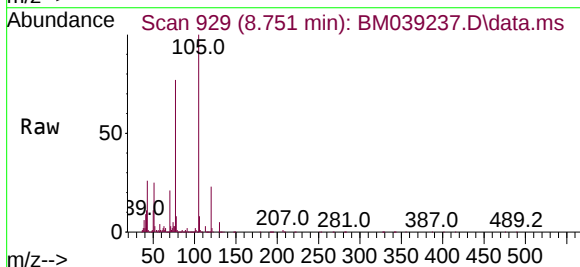
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

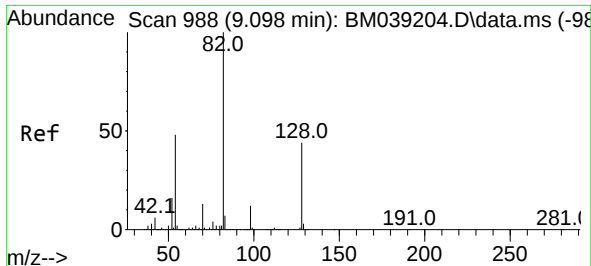
Tgt Ion:136	Resp: 795031
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.1	6.2 9.4
68 6.6	4.9 7.3



#22
Acetophenone
Concen: 51.116 ng
RT: 8.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt	Ion:105	Resp:	1086578
Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.8	4.2
51	25.5	20.6	31.0
120	22.5	18.0	27.0

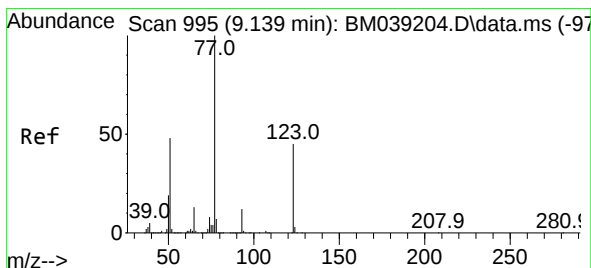
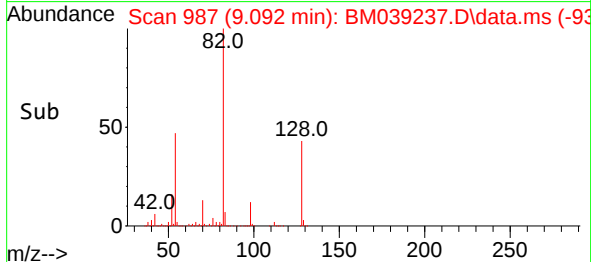
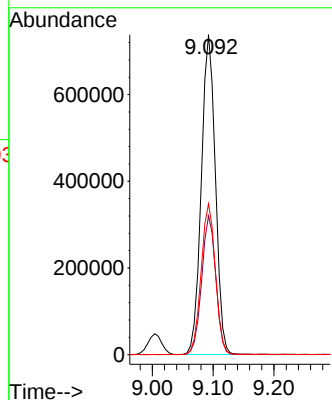
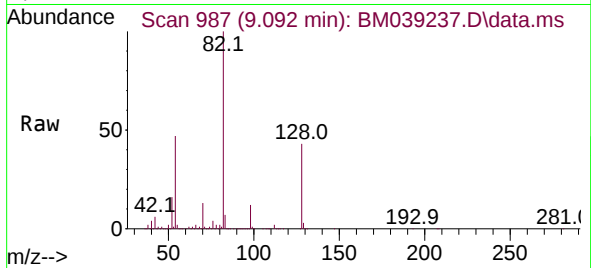




#23
Nitrobenzene-d5
Concen: 72.327 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

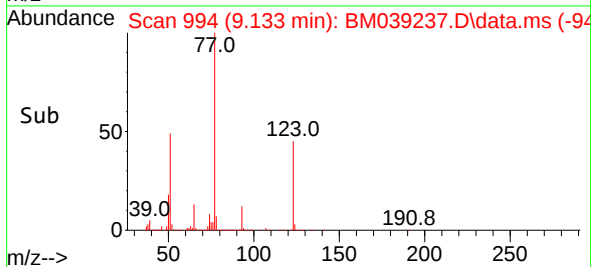
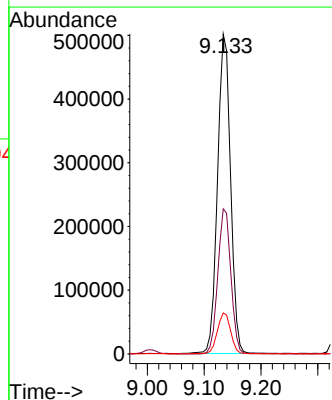
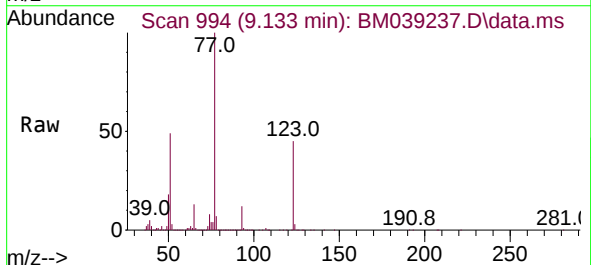
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

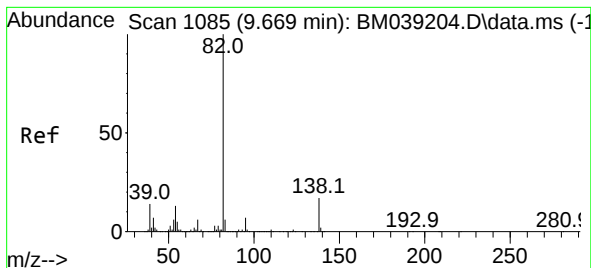
Tgt Ion: 82 Resp: 1183118
Ion Ratio Lower Upper
82 100
128 43.3 35.1 52.7
54 47.1 38.5 57.7



#24
Nitrobenzene
Concen: 48.968 ng
RT: 9.133 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 77 Resp: 796737
Ion Ratio Lower Upper
77 100
123 45.3 36.2 54.2
65 12.8 10.6 15.8





#25

Isophorone

Concen: 47.539 ng

RT: 9.663 min Scan# 1084

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

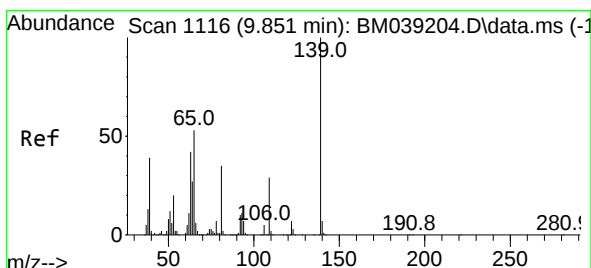
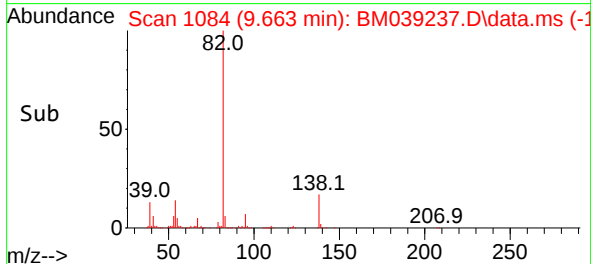
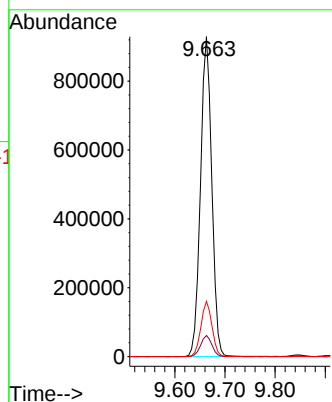
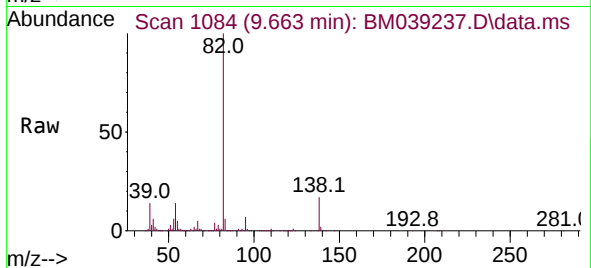
Tgt Ion: 82 Resp: 1450738

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.3 13.5 20.3



#26

2-Nitrophenol

Concen: 51.297 ng

RT: 9.845 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

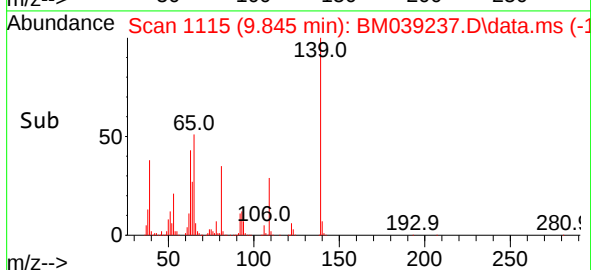
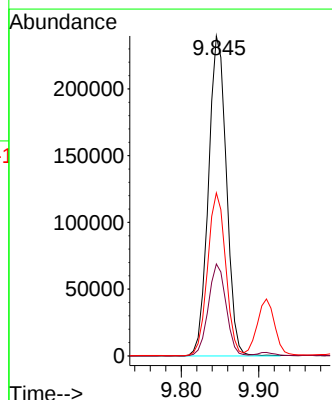
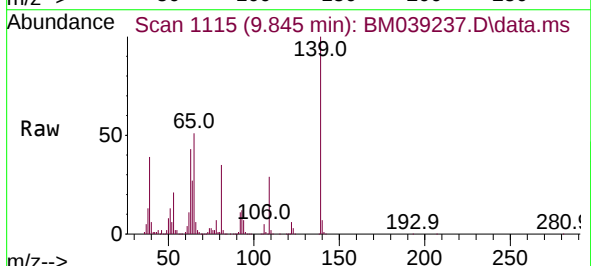
Tgt Ion: 139 Resp: 385820

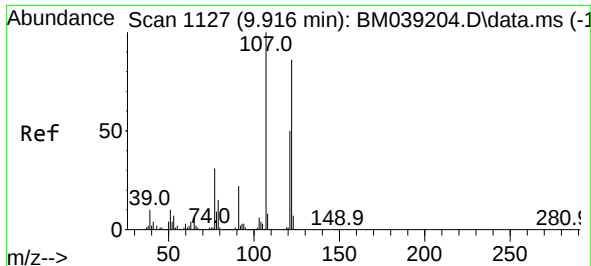
Ion Ratio Lower Upper

139 100

109 28.7 23.4 35.0

65 50.9 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 51.280 ng

RT: 9.910 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

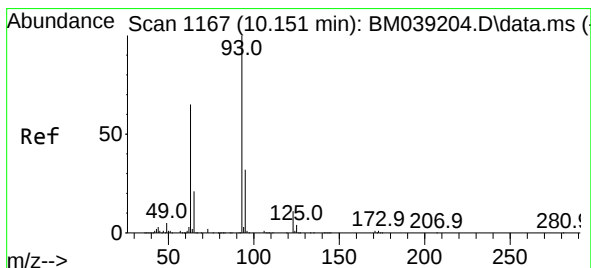
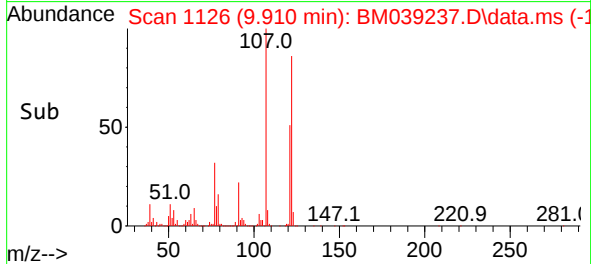
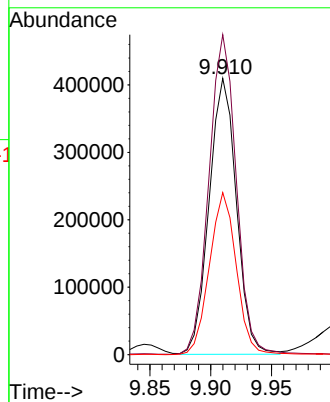
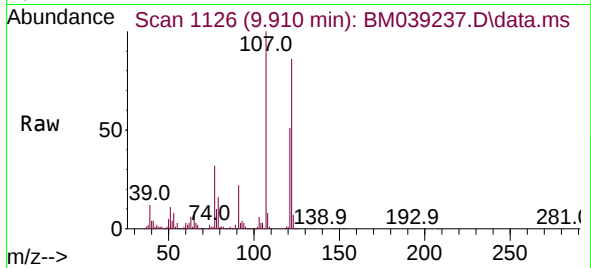
Tgt Ion:122 Resp: 640824

Ion Ratio Lower Upper

122 100

107 115.9 92.3 138.5

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.740 ng

RT: 10.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

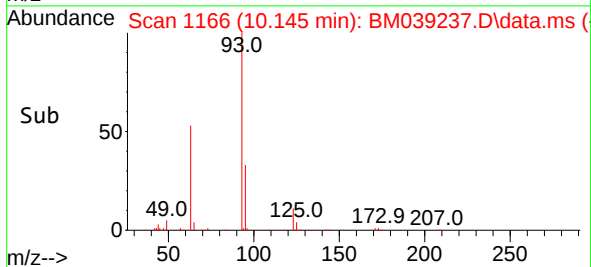
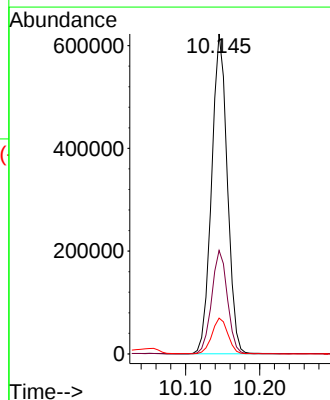
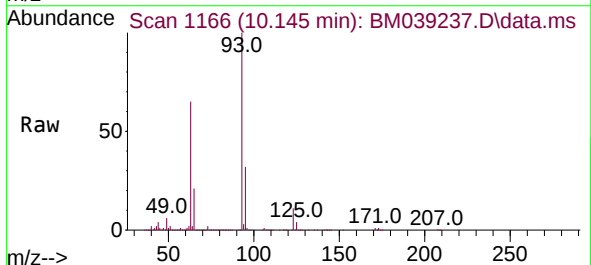
Tgt Ion: 93 Resp: 918855

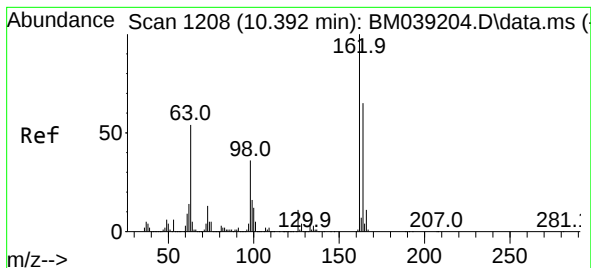
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.181 ng

RT: 10.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

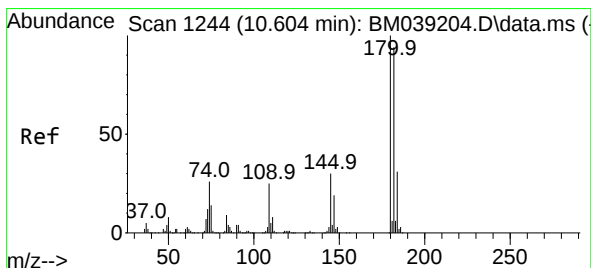
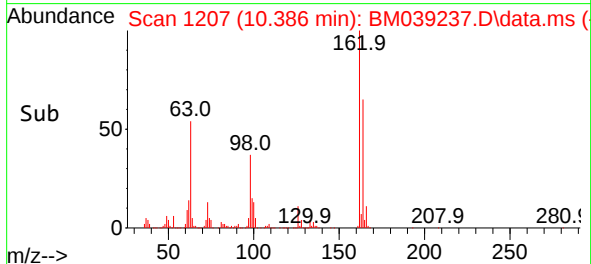
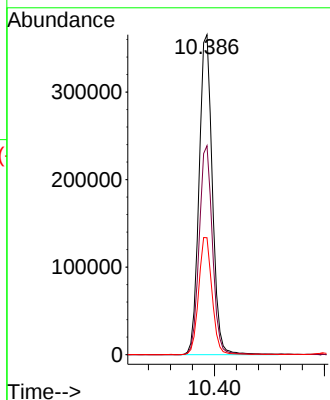
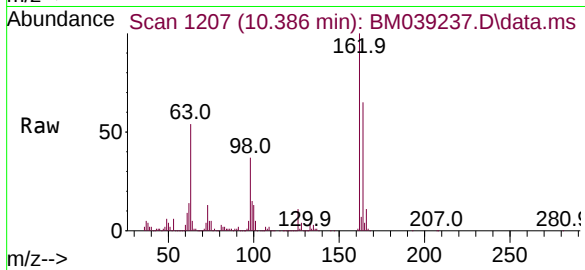
Tgt Ion:162 Resp: 611838

Ion Ratio Lower Upper

162 100

164 65.3 44.8 84.8

98 36.5 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 52.314 ng

RT: 10.598 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

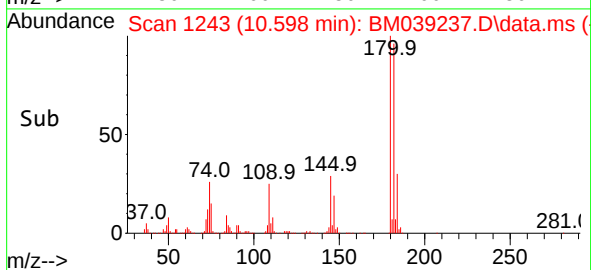
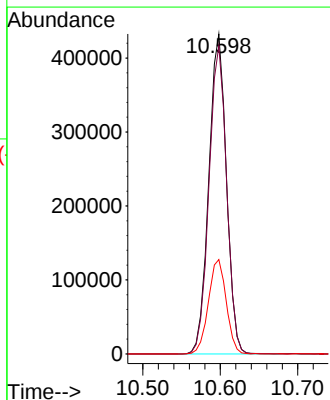
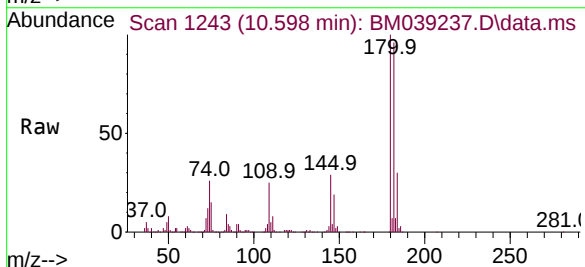
Tgt Ion:180 Resp: 682398

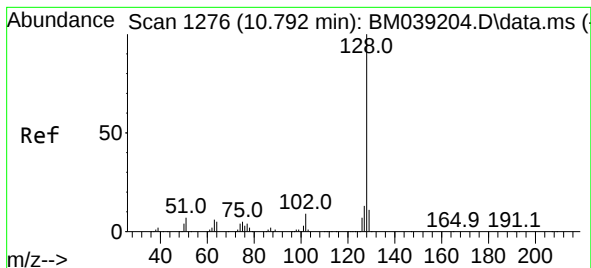
Ion Ratio Lower Upper

180 100

182 96.2 75.2 112.8

145 29.5 23.9 35.9





#31

Naphthalene

Concen: 49.513 ng

RT: 10.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

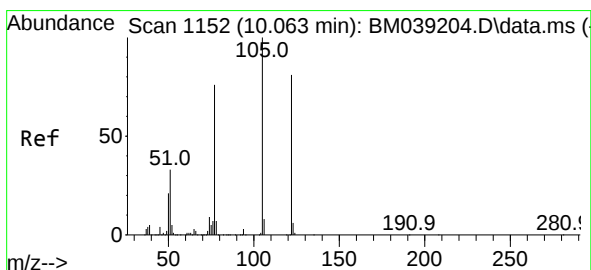
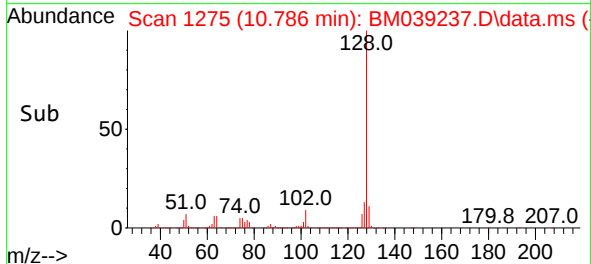
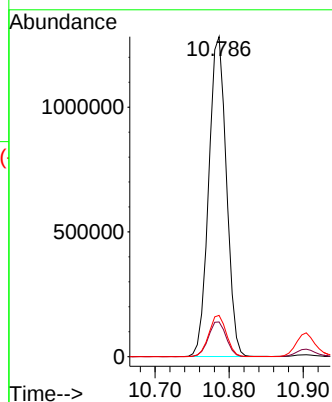
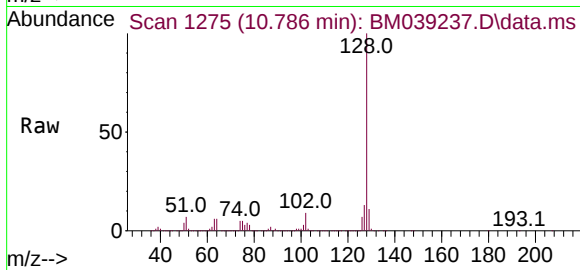
Tgt Ion:128 Resp: 2121075

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 47.717 ng

RT: 10.057 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

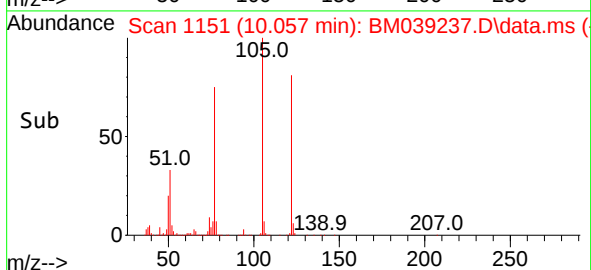
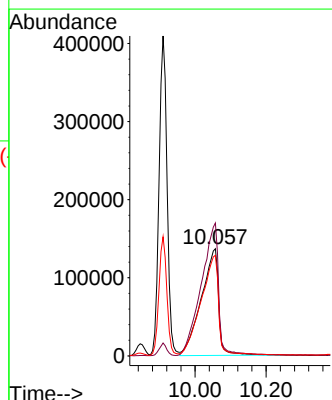
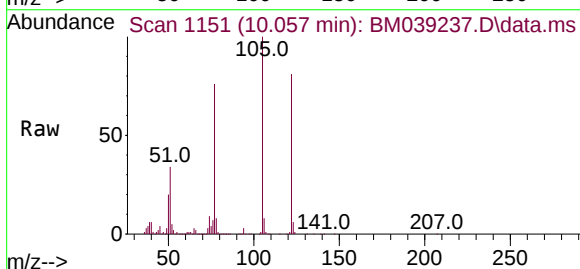
Tgt Ion:122 Resp: 464762

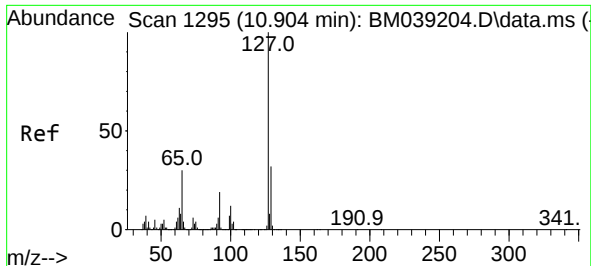
Ion Ratio Lower Upper

122 100

105 124.1 103.1 143.1

77 93.9 74.6 114.6

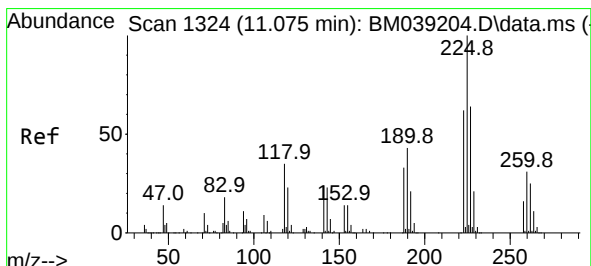
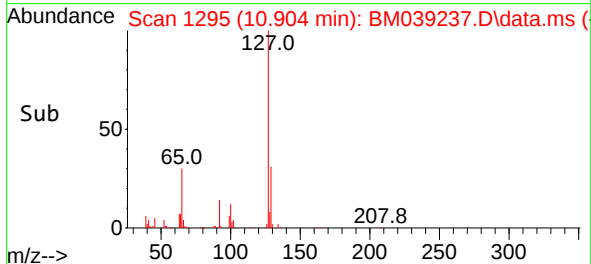
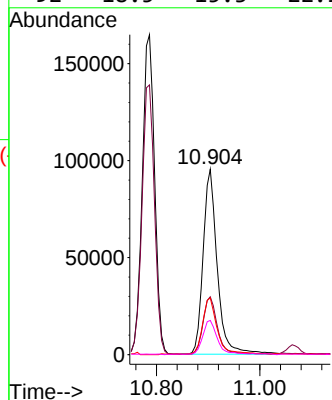
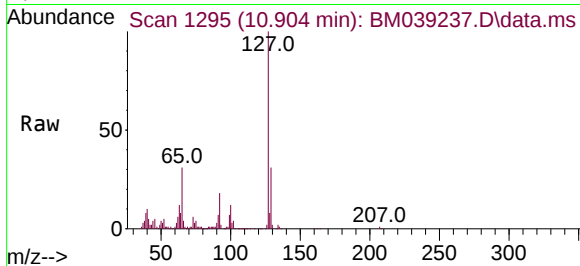




#33
4-Chloroaniline
Concen: 9.669 ng
RT: 10.904 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

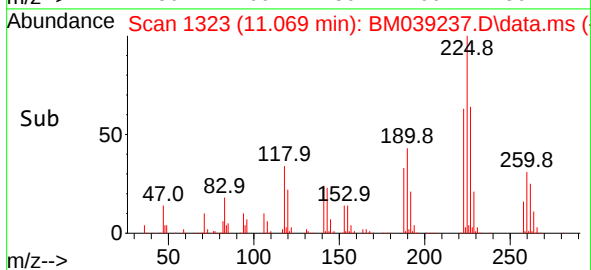
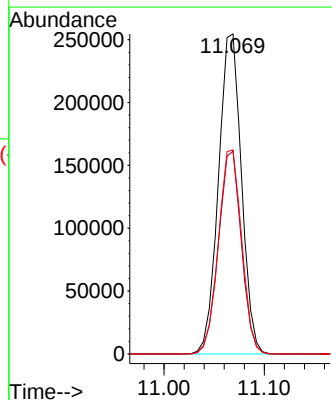
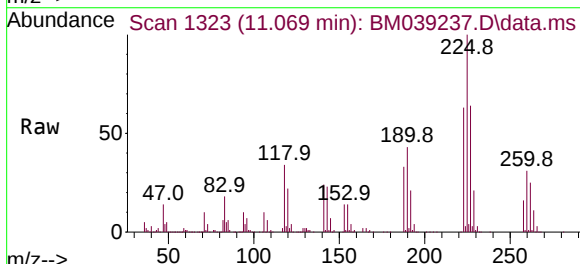
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

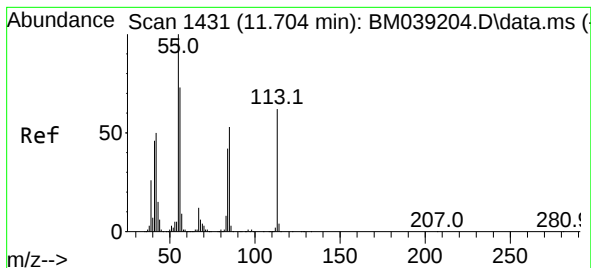
Tgt Ion:	127	Resp:	181467
Ion Ratio	Lower	Upper	
127	100		
129	31.2	25.7	38.5
65	30.6	24.1	36.1
92	18.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 52.951 ng
RT: 11.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:	225	Resp:	406139
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.8	74.6
227	63.8	51.6	77.4

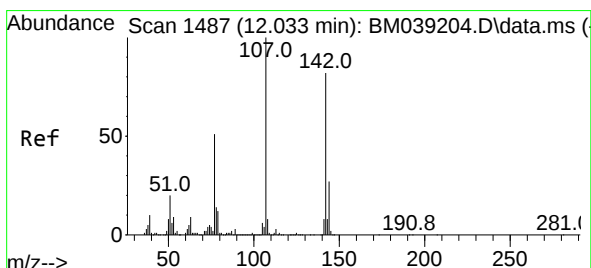
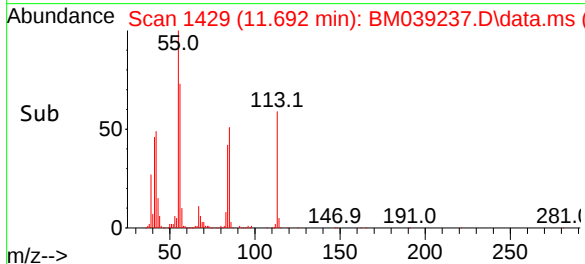
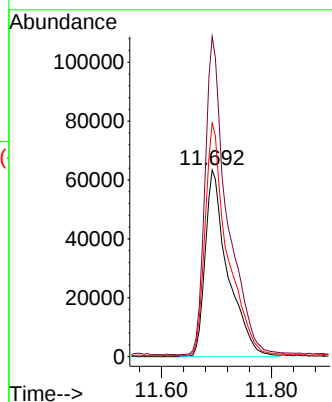
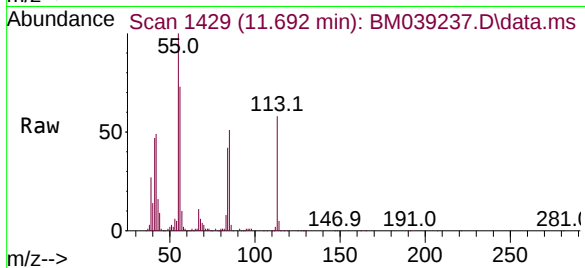




#35
 Caprolactam
 Concen: 42.563 ng
 RT: 11.692 min Scan# 1431
 Delta R.T. -0.012 min
 Lab File: BM039237.D
 Acq: 30 Mar 2023 21:35

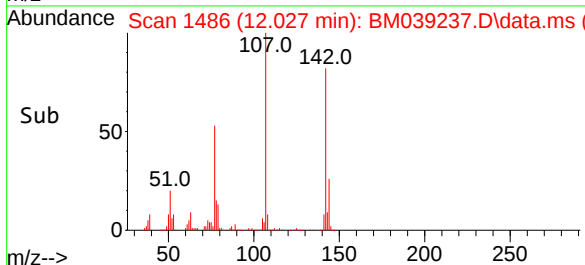
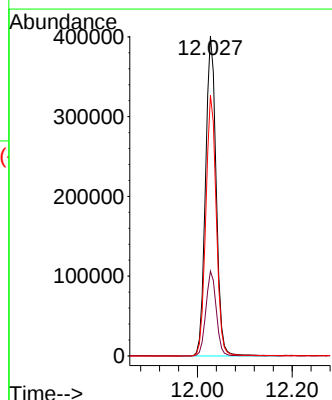
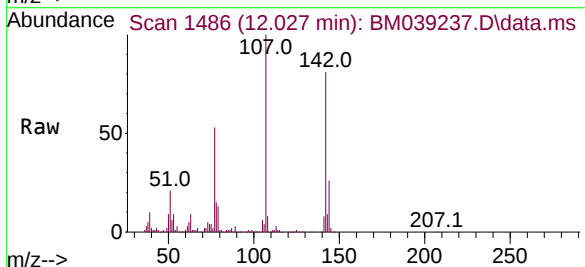
Instrument :
 BNA_M
 ClientSampleId :
 NB-8-032823MSD

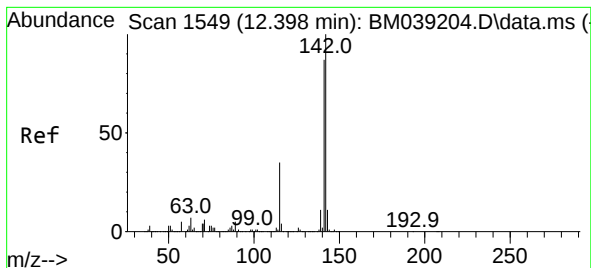
Tgt Ion:113 Resp: 180192
 Ion Ratio Lower Upper
 113 100
 55 171.4 141.8 181.8
 56 125.1 98.3 138.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.455 ng
 RT: 12.027 min Scan# 1486
 Delta R.T. -0.006 min
 Lab File: BM039237.D
 Acq: 30 Mar 2023 21:35

Tgt Ion:107 Resp: 624930
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.2
 142 81.5 65.2 97.8

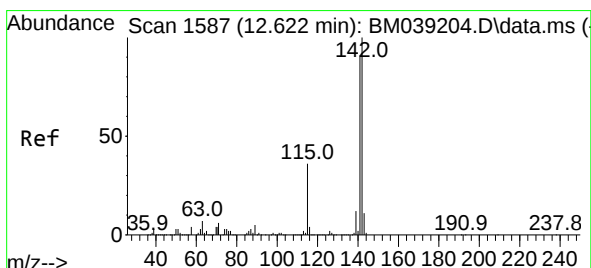
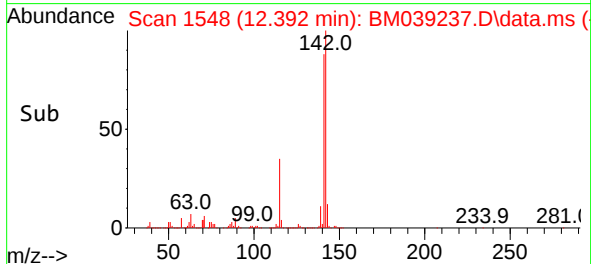
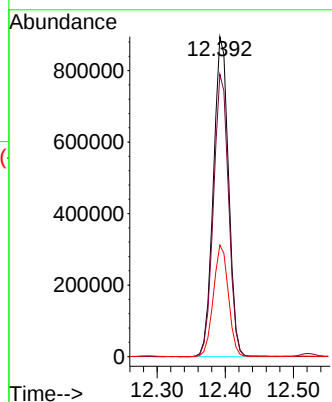
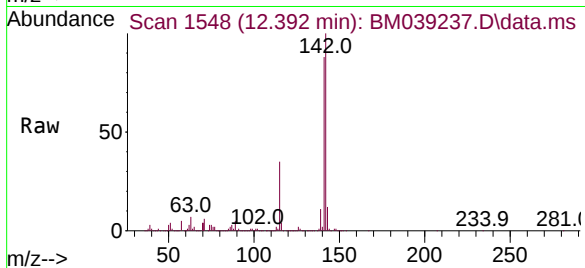




#37
2-Methylnaphthalene
Concen: 46.214 ng
RT: 12.392 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

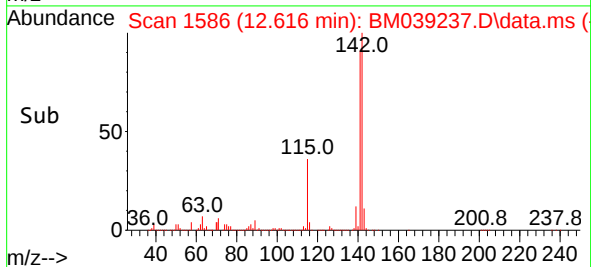
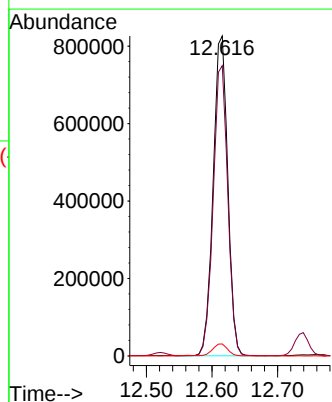
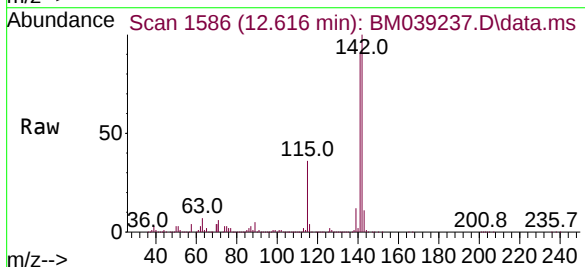
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

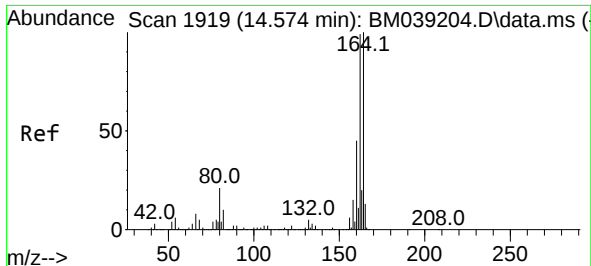
Tgt Ion:142 Resp: 1378212
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.8
115 34.9 27.8 41.8



#38
1-Methylnaphthalene
Concen: 45.739 ng
RT: 12.616 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:142 Resp: 1277239
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8
116 3.7 3.0 4.4

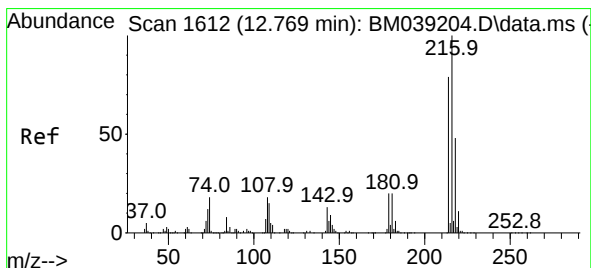
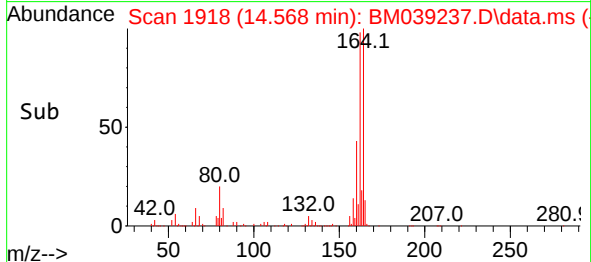
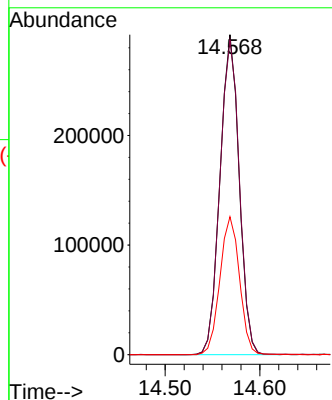
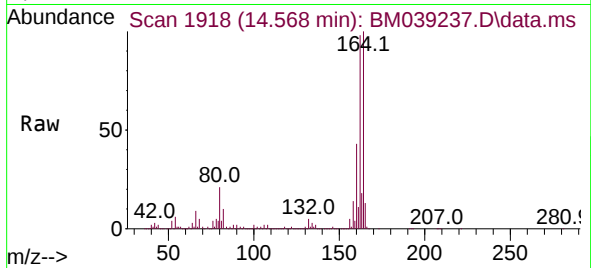




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

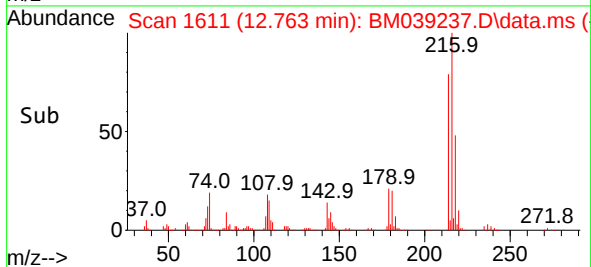
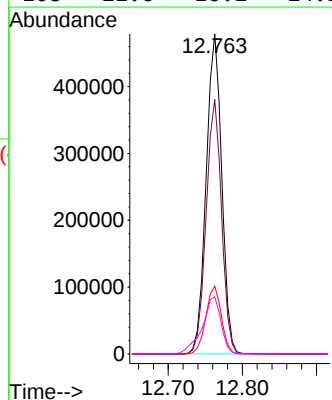
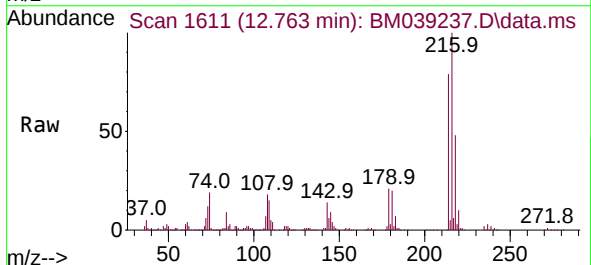
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

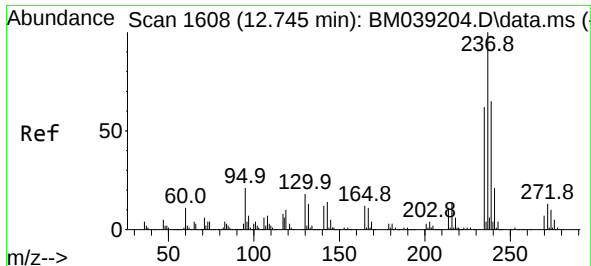
Tgt Ion:164 Resp: 409253
Ion Ratio Lower Upper
164 100
162 98.2 79.1 118.7
160 43.1 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.986 ng
RT: 12.763 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:216 Resp: 697601
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 21.1 16.8 25.2
108 21.6 16.2 24.2

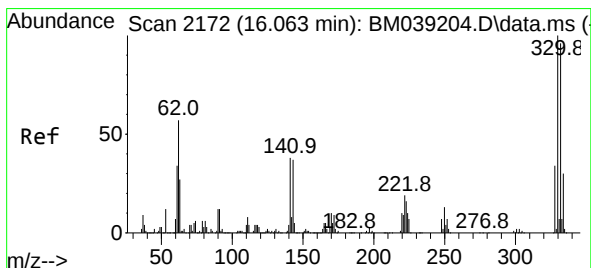
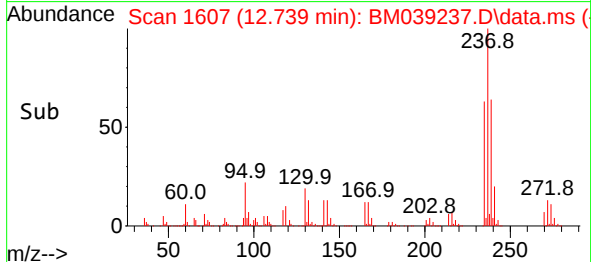
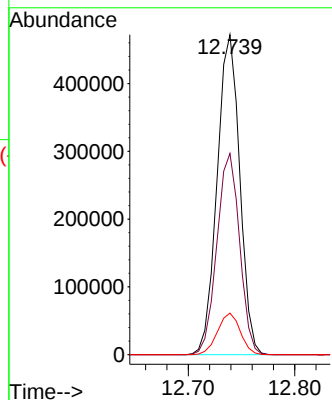
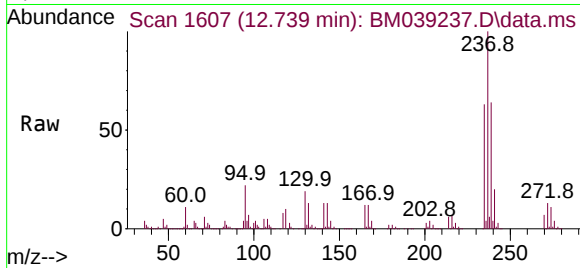




#41
Hexachlorocyclopentadiene
Concen: 102.622 ng
RT: 12.739 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

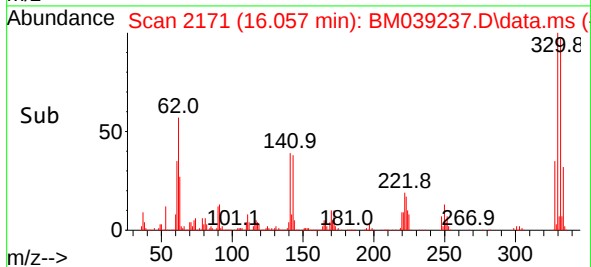
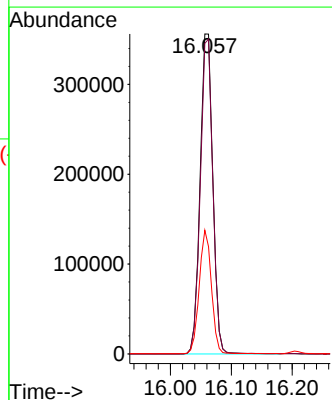
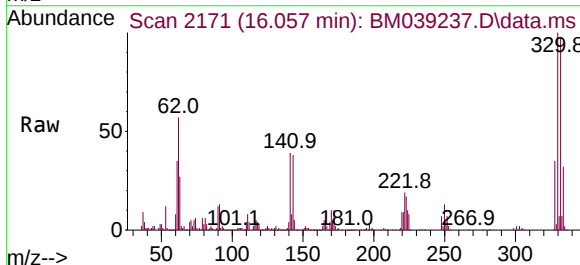
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

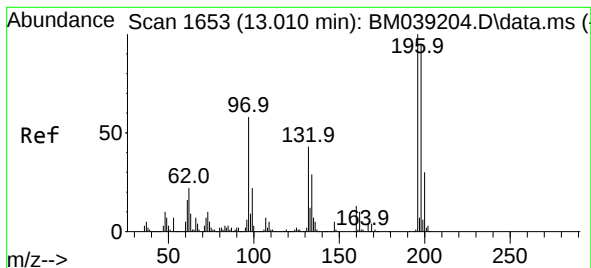
Tgt Ion:237 Resp: 698569
Ion Ratio Lower Upper
237 100
235 62.9 41.6 81.6
272 13.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 99.000 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:330 Resp: 514313
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 37.1 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 52.970 ng

RT: 13.004 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

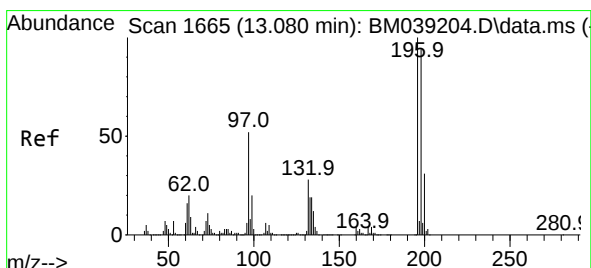
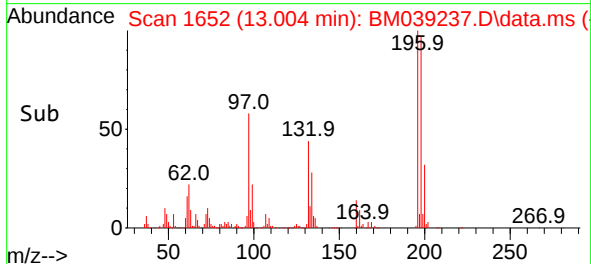
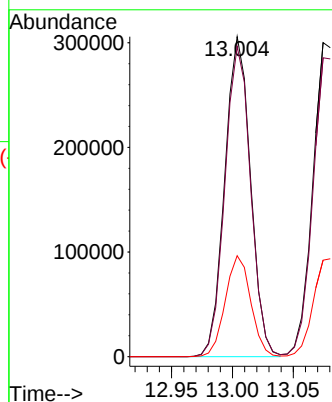
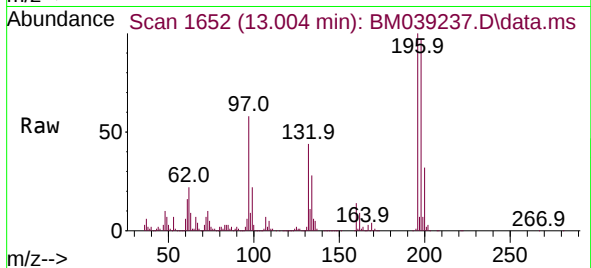
Tgt Ion:196 Resp: 450125

Ion Ratio Lower Upper

196 100

198 96.9 76.2 114.2

200 31.5 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 47.092 ng

RT: 13.074 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Tgt Ion:196 Resp: 469130

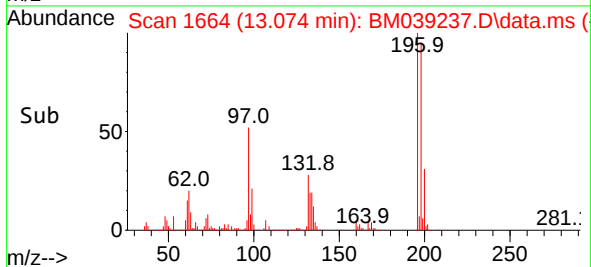
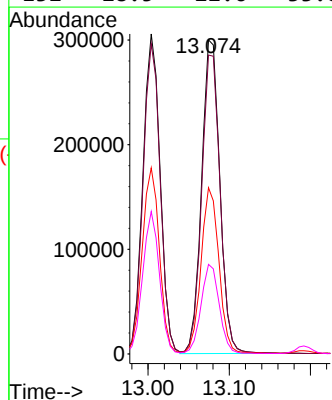
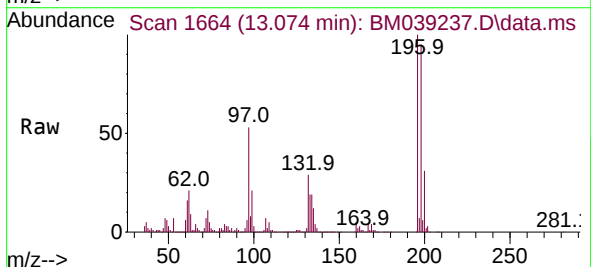
Ion Ratio Lower Upper

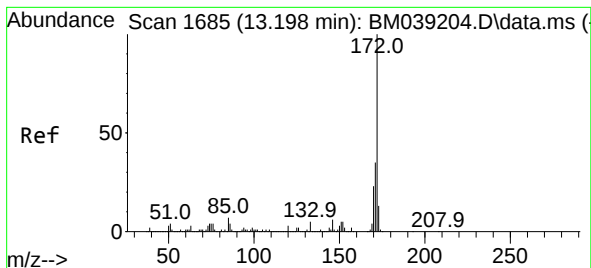
196 100

198 95.2 75.2 112.8

97 52.9 41.4 62.0

132 28.5 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 74.531 ng

RT: 13.192 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

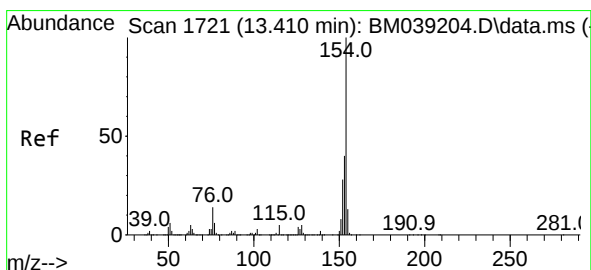
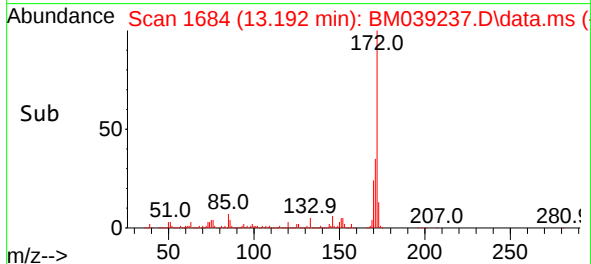
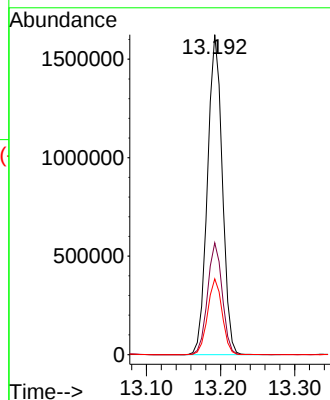
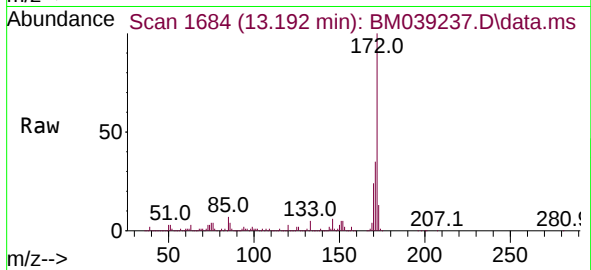
Tgt Ion:172 Resp: 2251215

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 53.733 ng

RT: 13.404 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

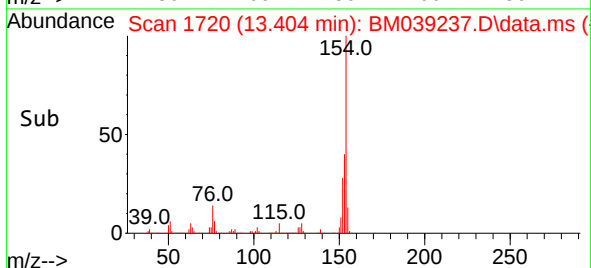
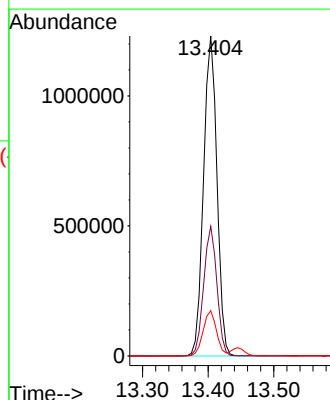
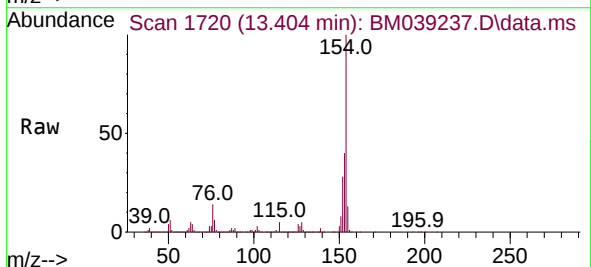
Tgt Ion:154 Resp: 1736540

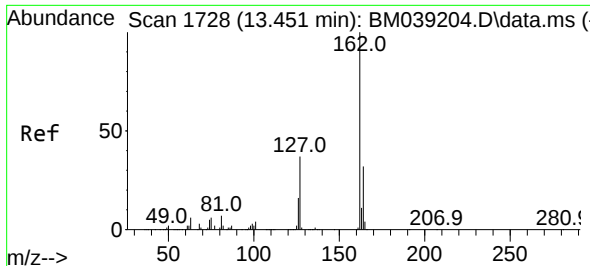
Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

76 14.1 0.0 33.5





#47

2-Chloronaphthalene

Concen: 53.873 ng

RT: 13.445 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

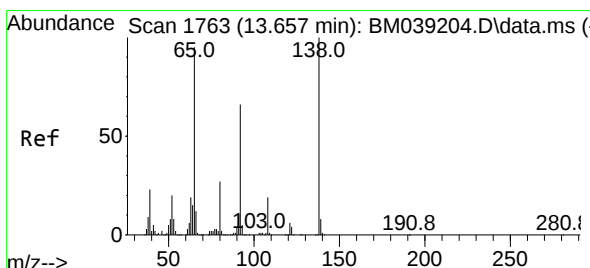
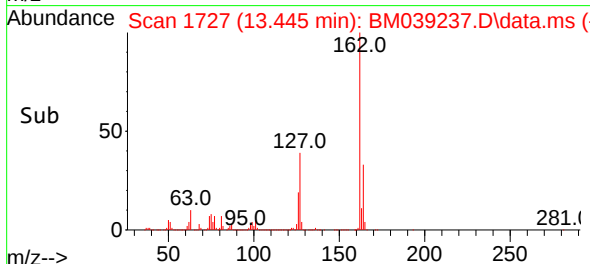
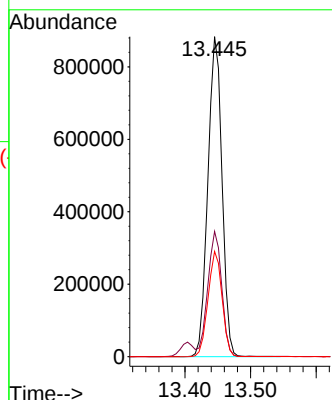
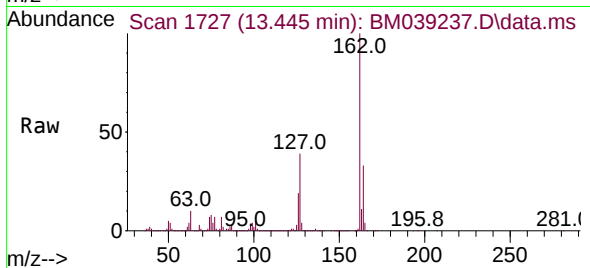
Tgt Ion:162 Resp: 1318268

Ion Ratio Lower Upper

162 100

127 39.1 31.4 47.0

164 32.9 25.7 38.5



#48

2-Nitroaniline

Concen: 47.466 ng

RT: 13.657 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

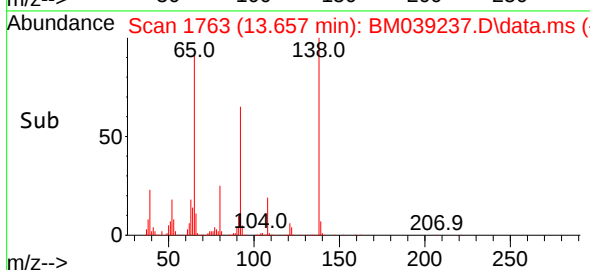
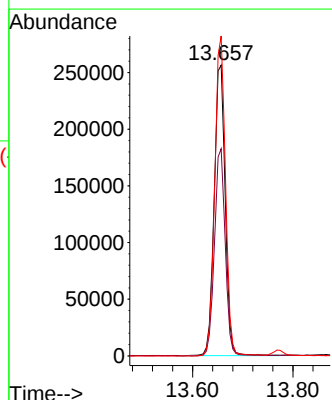
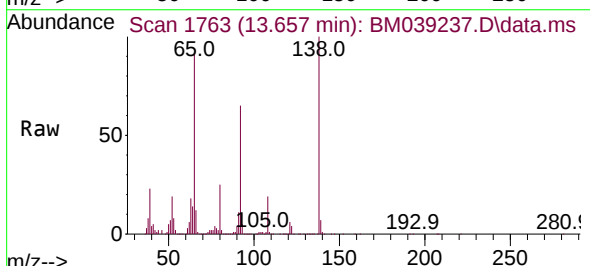
Tgt Ion: 65 Resp: 390868

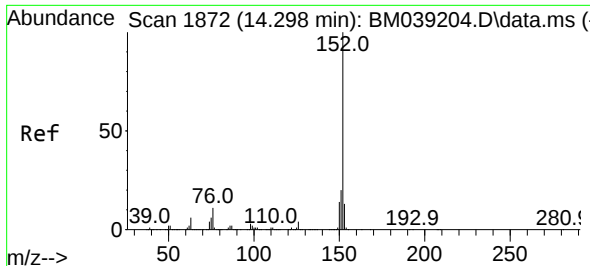
Ion Ratio Lower Upper

65 100

92 71.2 55.7 83.5

138 110.0 84.5 126.7

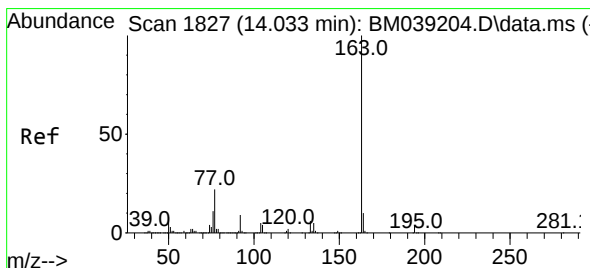
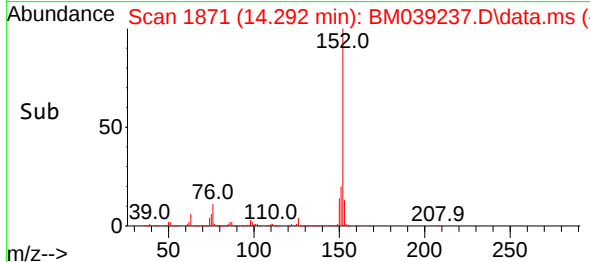
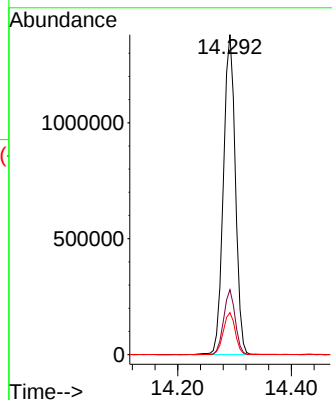
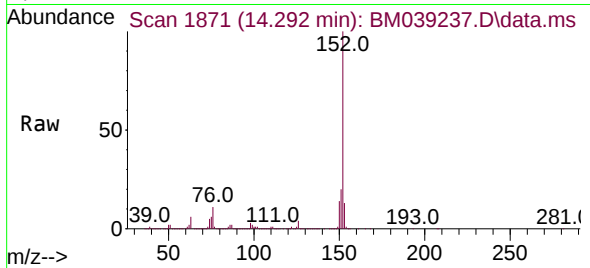




#49
Acenaphthylene
Concen: 49.747 ng
RT: 14.292 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

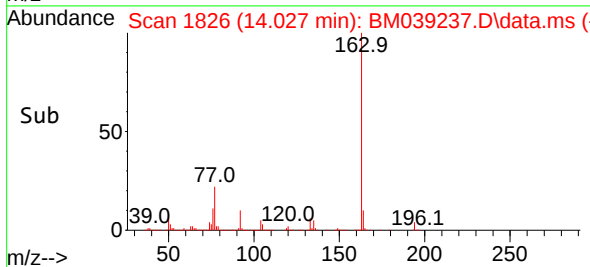
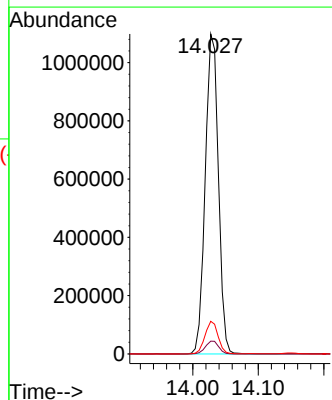
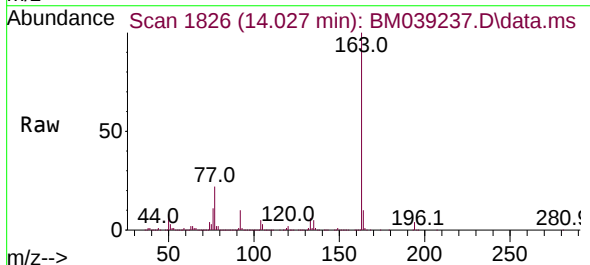
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

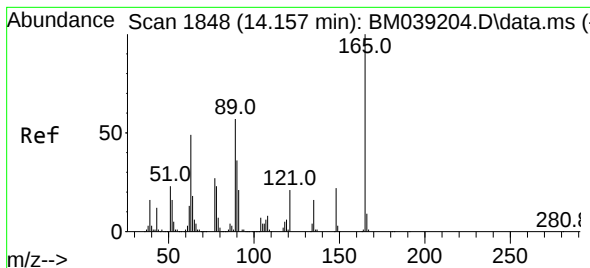
Tgt Ion:152 Resp: 2000707
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.1 10.3 15.5



#50
Dimethylphthalate
Concen: 48.143 ng
RT: 14.027 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:163 Resp: 1518415
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2

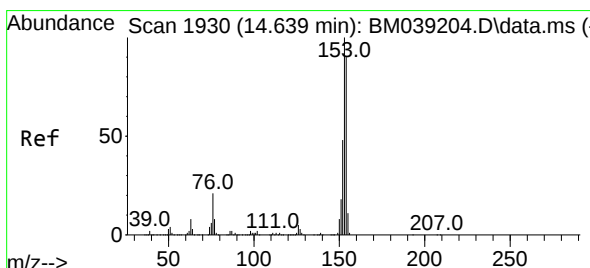
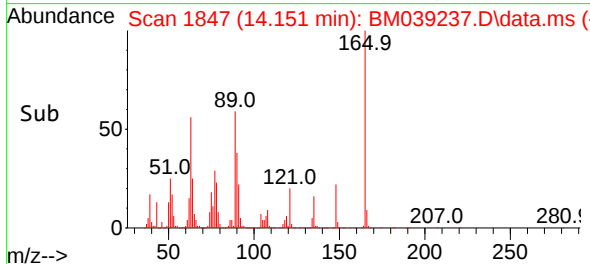
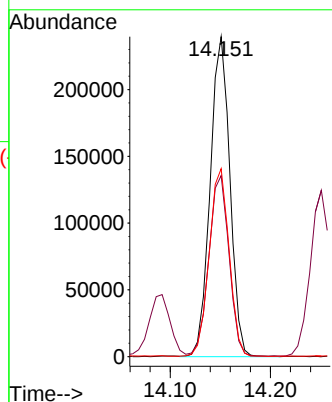
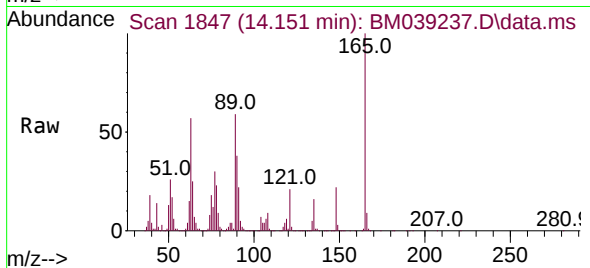




#51
2,6-Dinitrotoluene
Concen: 48.113 ng
RT: 14.151 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

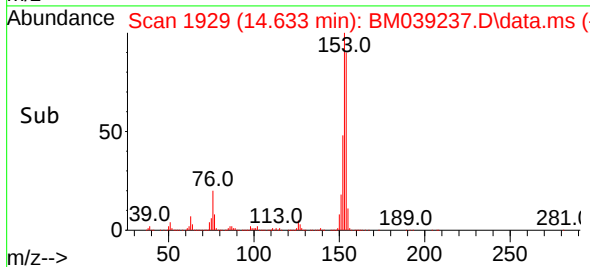
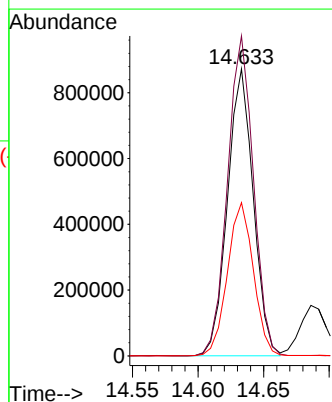
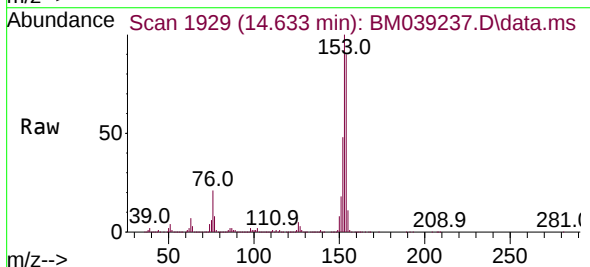
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

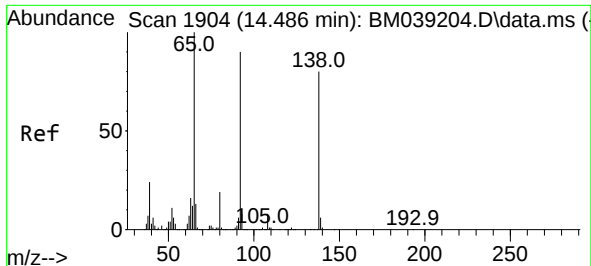
Tgt Ion:165 Resp: 326330
Ion Ratio Lower Upper
165 100
63 56.6 44.9 67.3
89 58.7 45.4 68.0



#52
Acenaphthene
Concen: 50.319 ng
RT: 14.633 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:154 Resp: 1194962
Ion Ratio Lower Upper
154 100
153 111.5 89.1 133.7
152 53.4 42.6 64.0

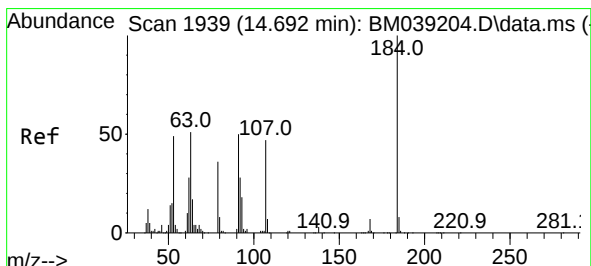
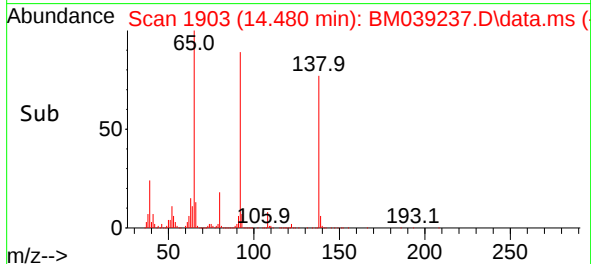
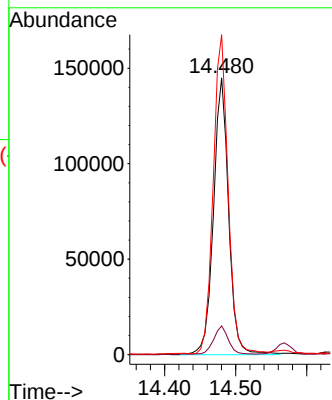
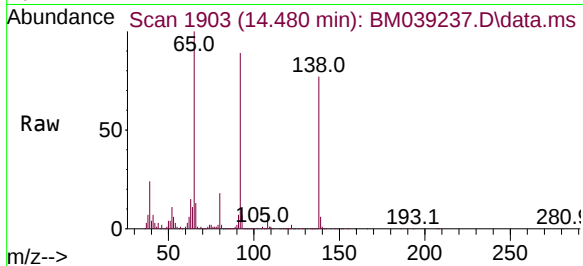




#53
3-Nitroaniline
Concen: 27.373 ng
RT: 14.480 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

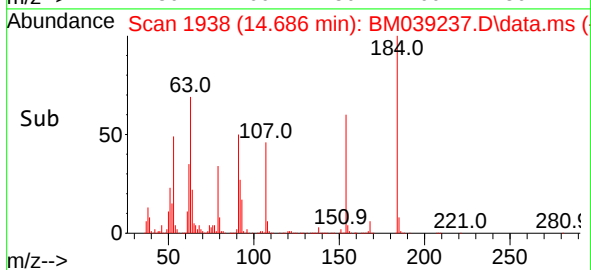
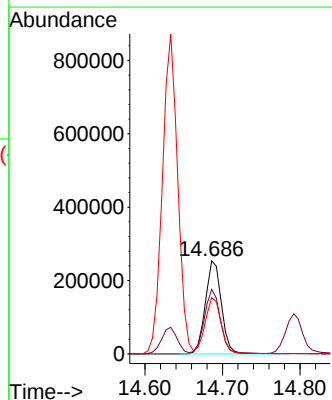
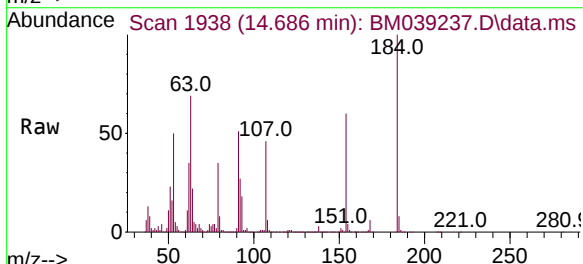
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

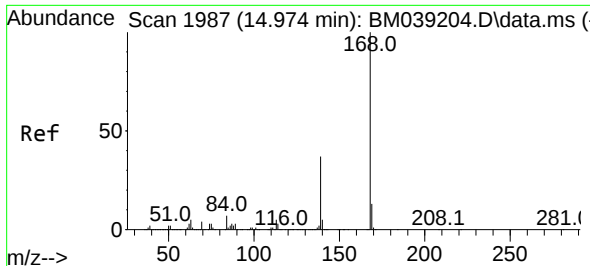
Tgt Ion:138 Resp: 214629
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 115.6 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 90.815 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:184 Resp: 364777
Ion Ratio Lower Upper
184 100
63 69.2 56.4 84.6
154 60.5 48.7 73.1

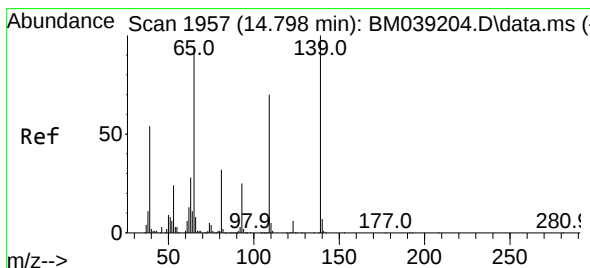
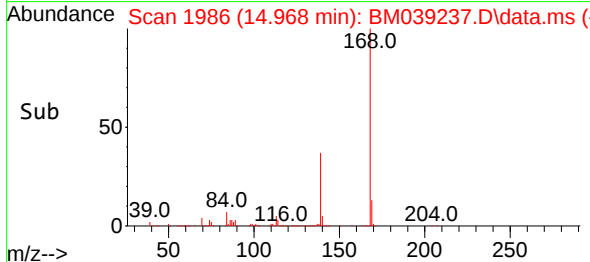
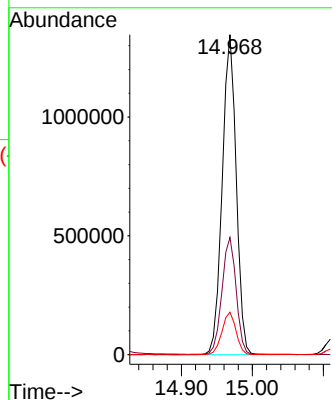
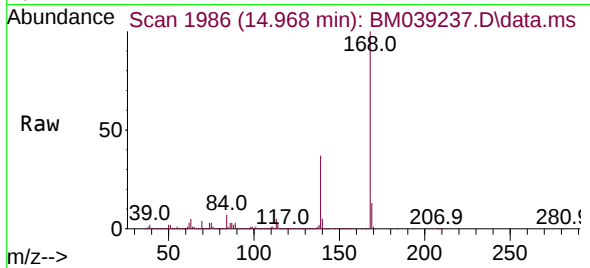




#55
Dibenzenofuran
Concen: 48.307 ng
RT: 14.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

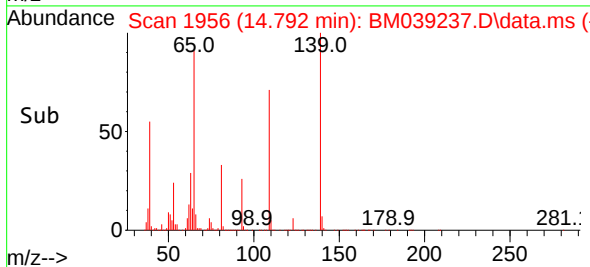
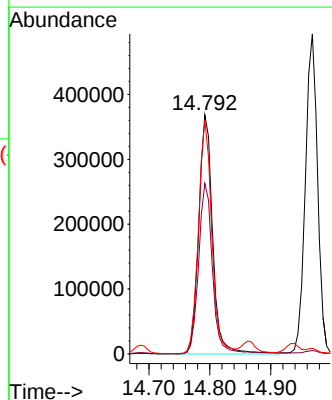
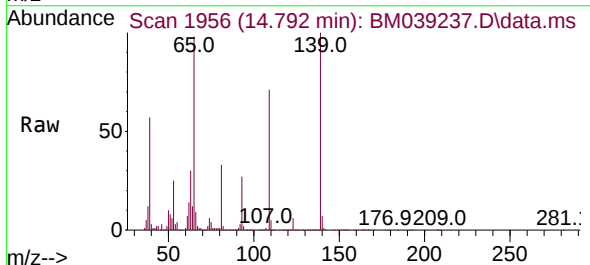
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

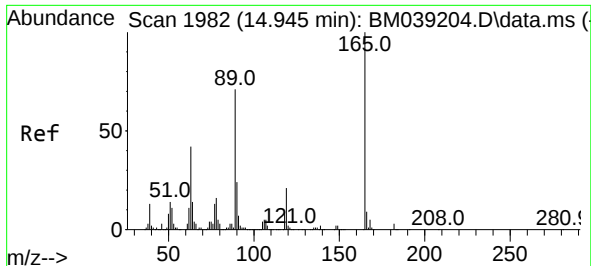
Tgt Ion:168 Resp: 1846911
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.2
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 96.266 ng
RT: 14.792 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:139 Resp: 582051
Ion Ratio Lower Upper
139 100
109 71.3 49.6 89.6
65 97.6 72.9 112.9

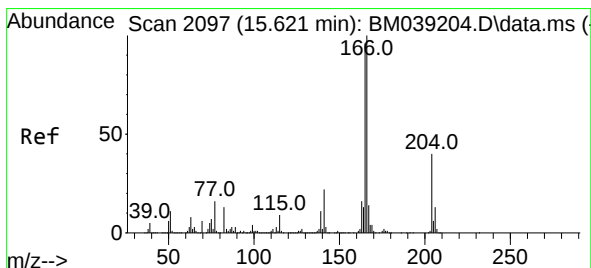
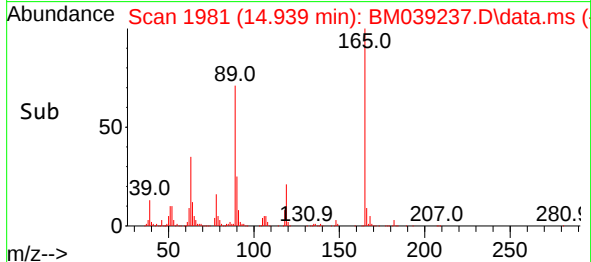
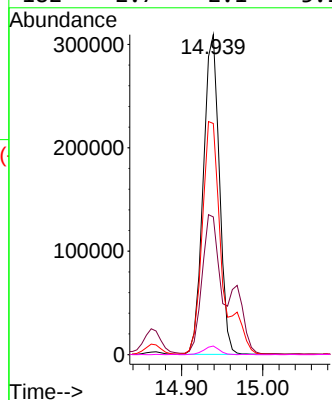
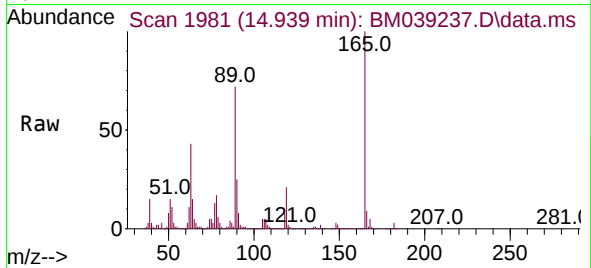




#57
2,4-Dinitrotoluene
Concen: 46.542 ng
RT: 14.939 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

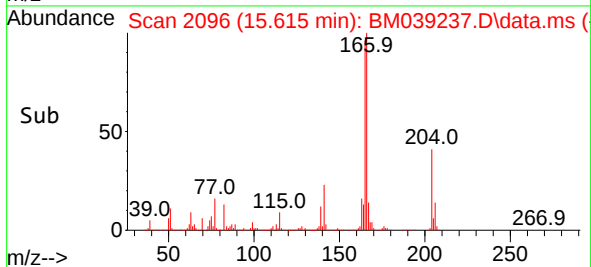
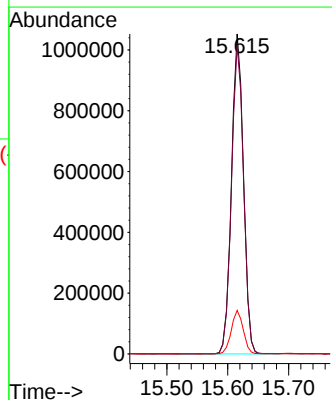
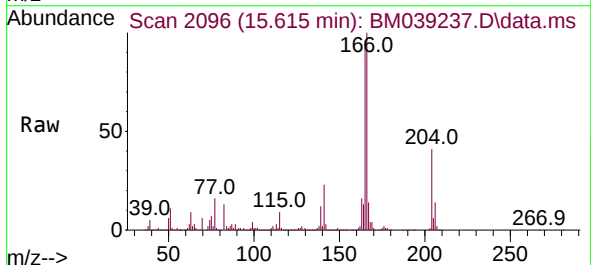
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

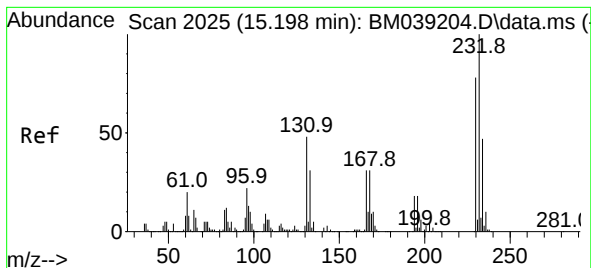
Tgt Ion:165 Resp: 427025
Ion Ratio Lower Upper
165 100
63 43.0 33.5 50.3
89 72.2 56.7 85.1
182 2.7 2.1 3.1



#58
Fluorene
Concen: 47.410 ng
RT: 15.615 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:166 Resp: 1435343
Ion Ratio Lower Upper
166 100
165 96.4 76.9 115.3
167 13.6 10.8 16.2

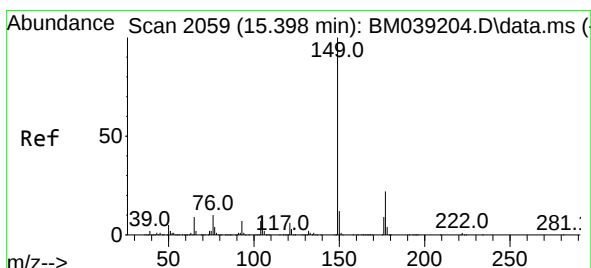
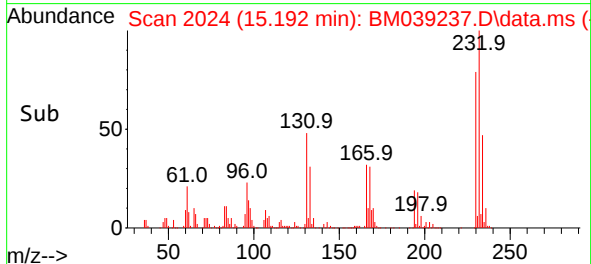
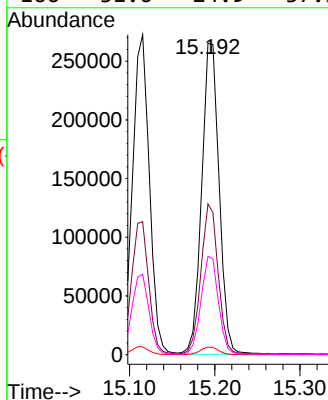
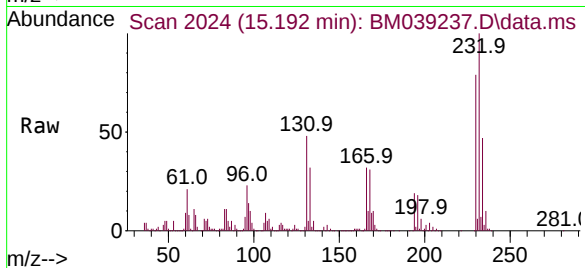




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.605 ng
RT: 15.192 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

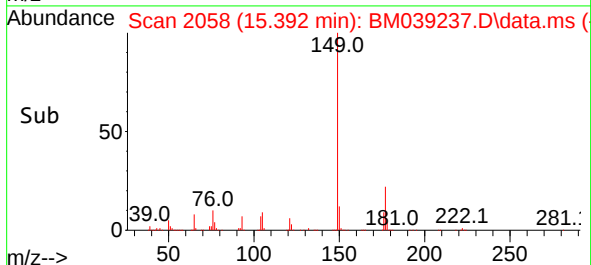
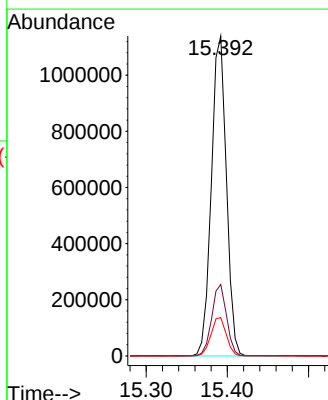
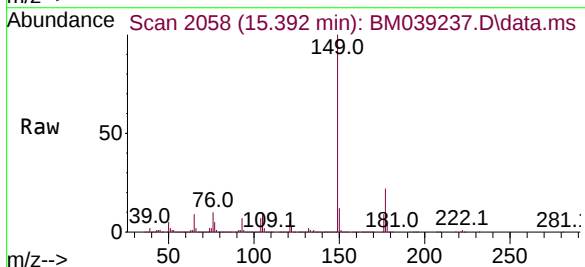
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

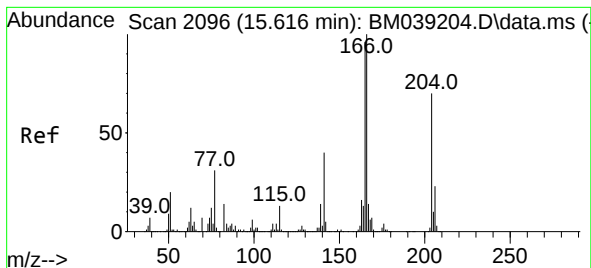
Tgt Ion:232 Resp: 377276
Ion Ratio Lower Upper
232 100
131 47.9 37.7 56.5
130 2.5 1.9 2.9
166 31.6 24.9 37.3



#60
Diethylphthalate
Concen: 46.177 ng
RT: 15.392 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:149 Resp: 1465939
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.0 9.8 14.6

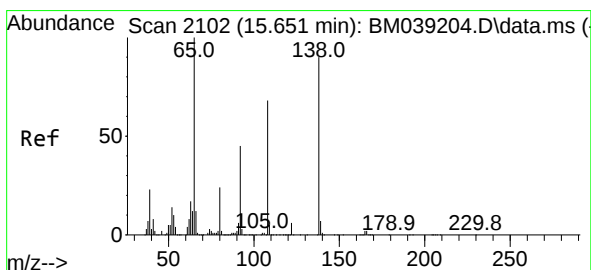
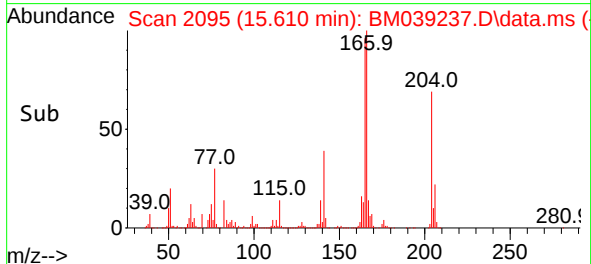
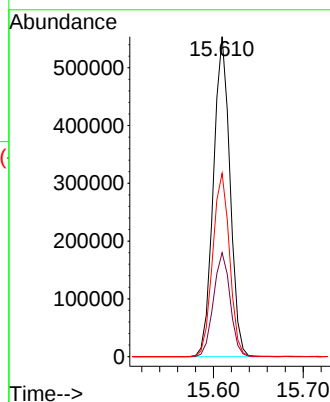
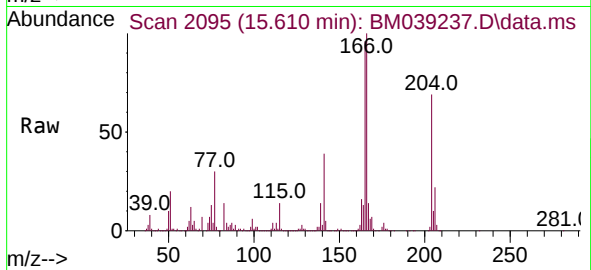




#61
4-Chlorophenyl-phenylether
Concen: 47.717 ng
RT: 15.610 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

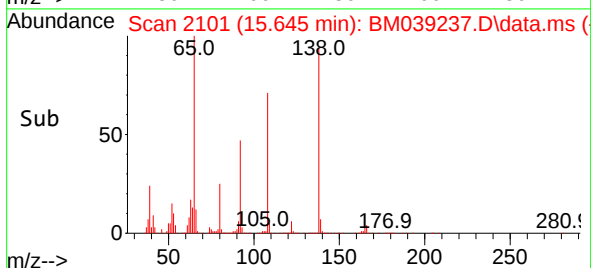
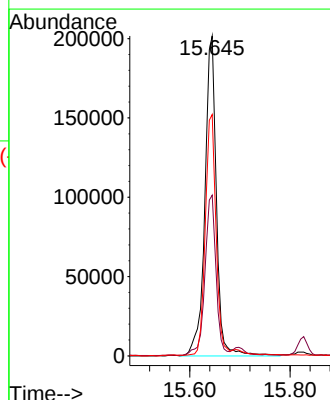
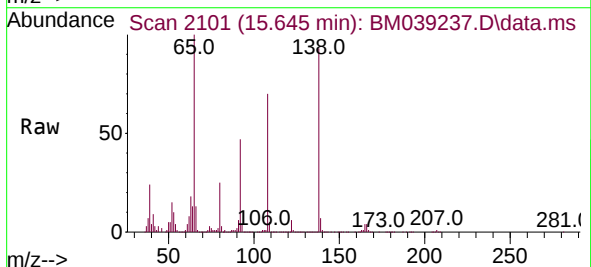
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

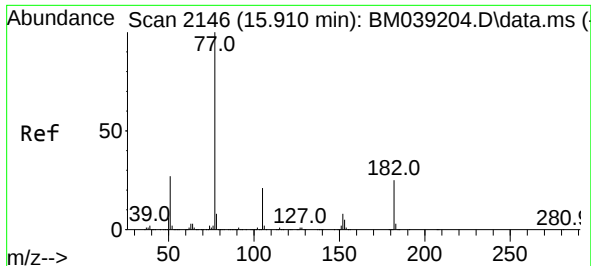
Tgt Ion:204 Resp: 715943
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 57.3 45.8 68.6



#62
4-Nitroaniline
Concen: 40.187 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:138 Resp: 323359
Ion Ratio Lower Upper
138 100
92 50.2 30.5 70.5
108 75.4 55.5 95.5



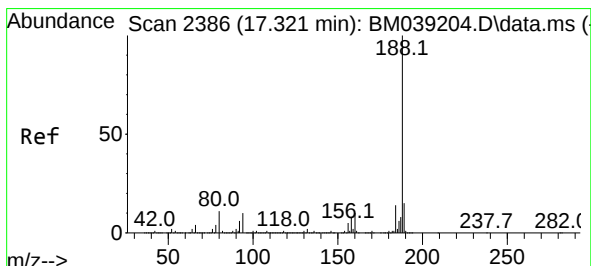
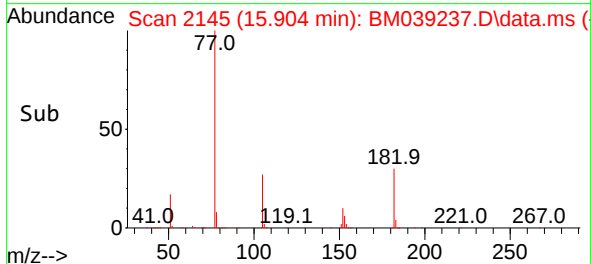
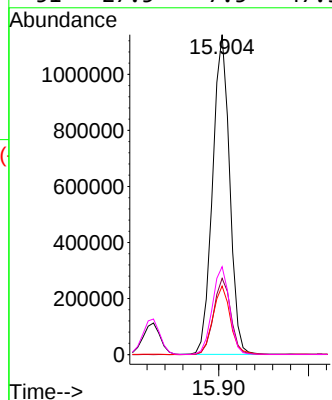
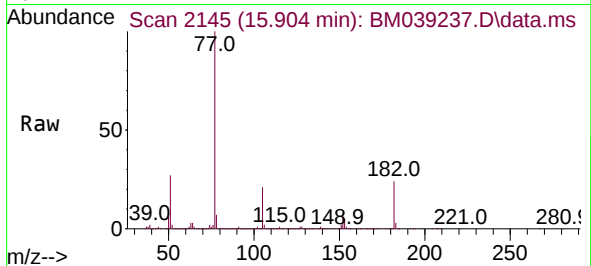


#63
Azobenzene
Concen: 47.167 ng
RT: 15.904 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

Tgt Ion: 77 Resp: 1500173

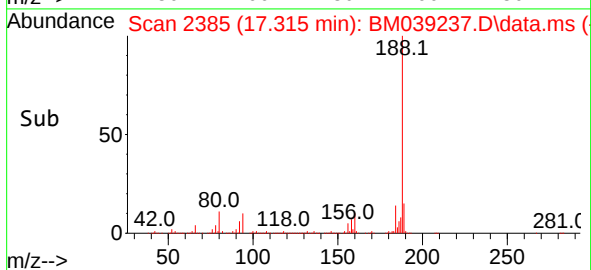
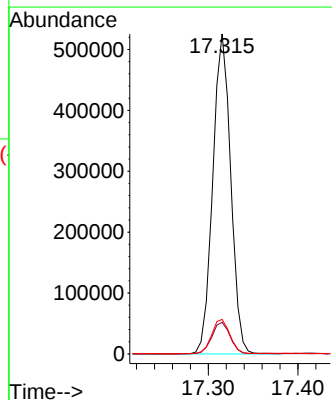
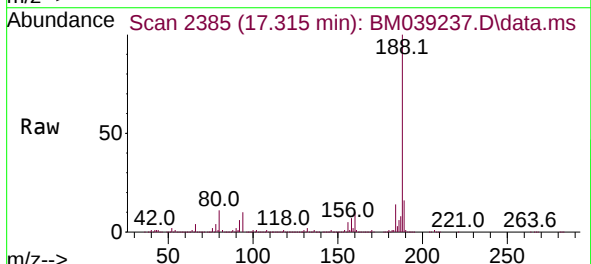
Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.8	44.8
105	21.4	1.4	41.4
51	27.5	7.5	47.5

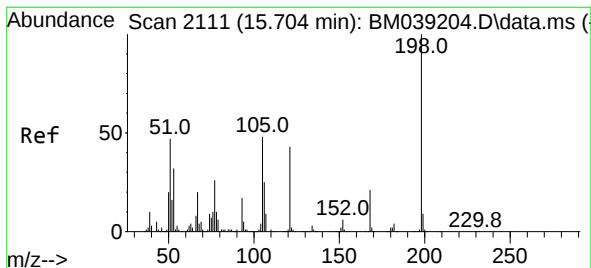


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 188 Resp: 729996

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	10.8	8.9	13.3

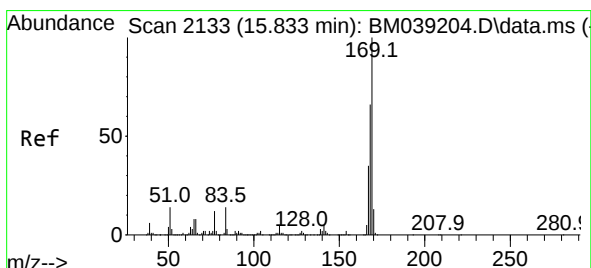
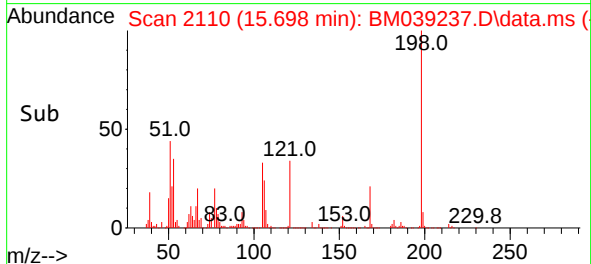
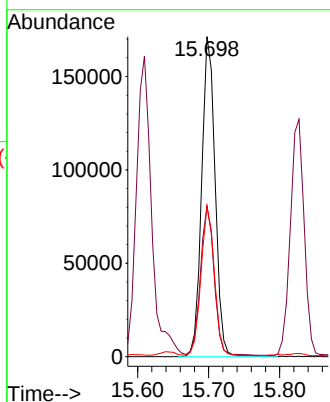
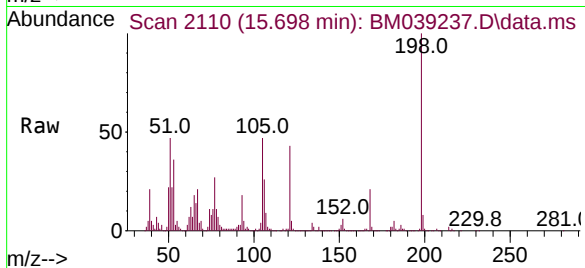




#65
4,6-Dinitro-2-methylphenol
Concen: 46.777 ng
RT: 15.698 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

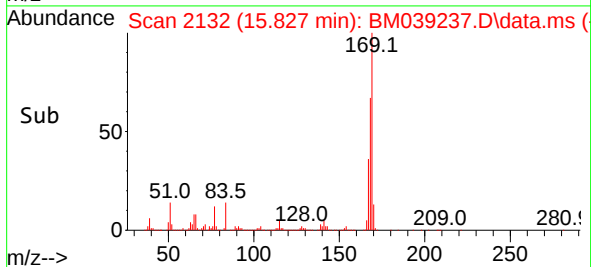
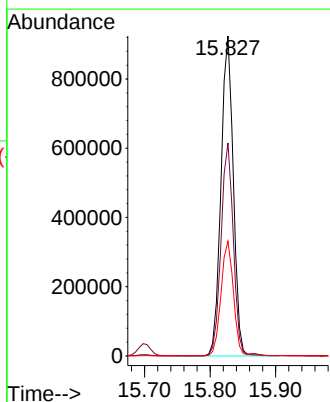
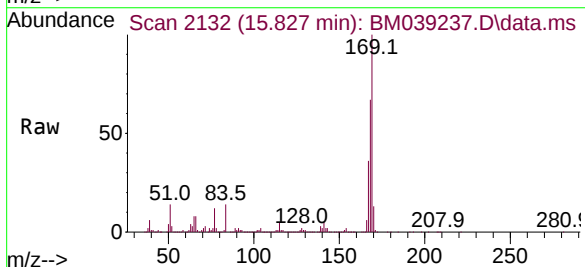
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

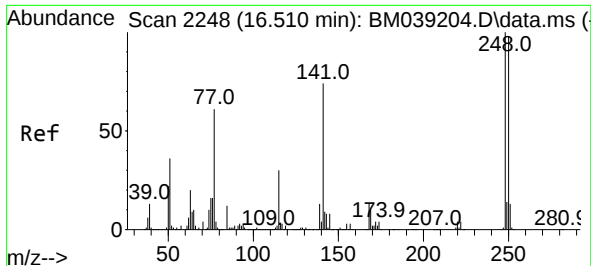
Tgt Ion:198 Resp: 224646
Ion Ratio Lower Upper
198 100
51 47.1 28.9 68.9
105 46.9 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 52.574 ng
RT: 15.827 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:169 Resp: 1209380
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 35.8 28.4 42.6

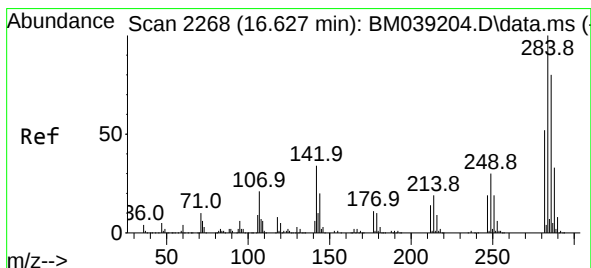
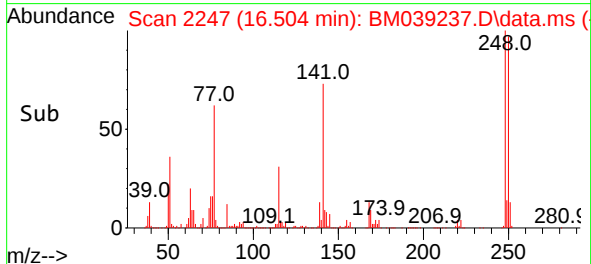
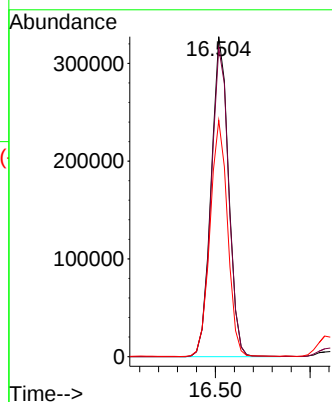
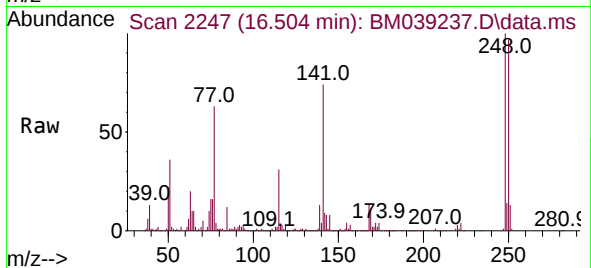




#67
4-Bromophenyl-phenylether
Concen: 53.520 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

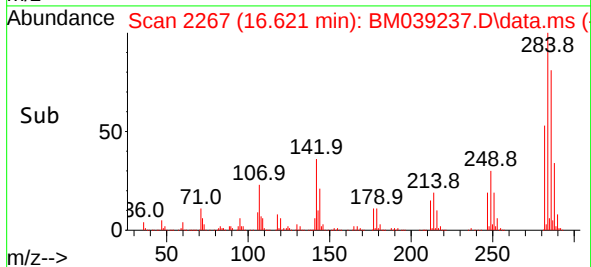
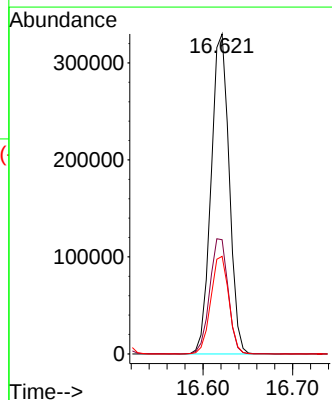
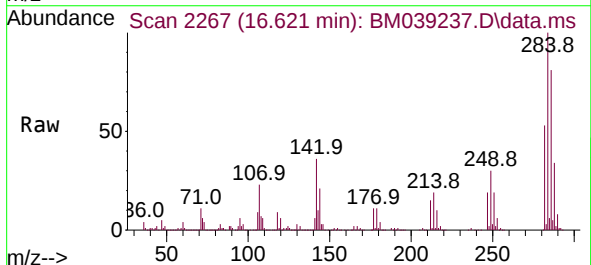
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

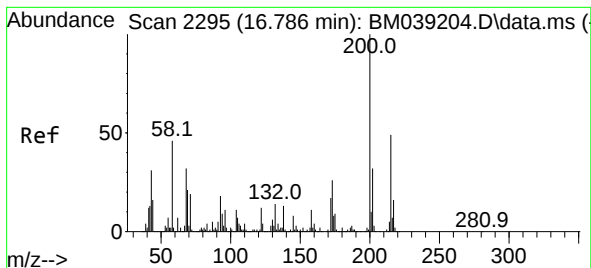
Tgt Ion:248 Resp: 417243
Ion Ratio Lower Upper
248 100
250 96.5 78.8 118.2
141 73.8 58.8 88.2



#68
Hexachlorobenzene
Concen: 54.882 ng
RT: 16.621 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:284 Resp: 463918
Ion Ratio Lower Upper
284 100
142 35.7 27.4 41.2
249 30.5 24.4 36.6





#69

Atrazine

Concen: 52.678 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

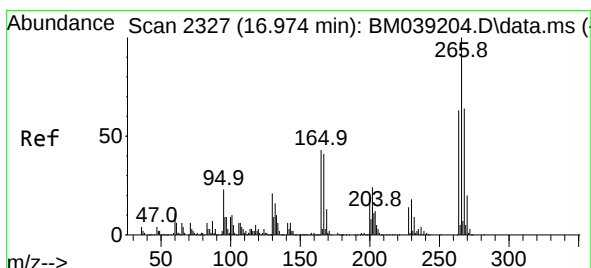
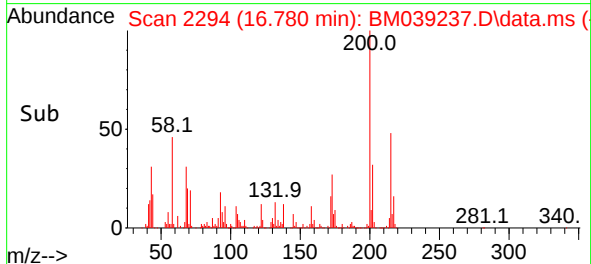
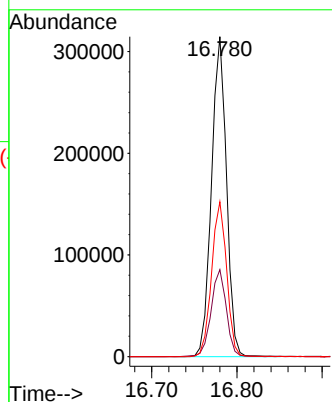
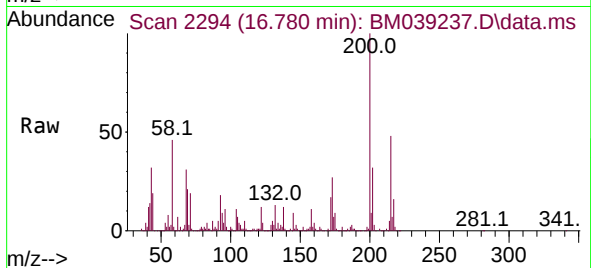
Tgt Ion:200 Resp: 383796

Ion Ratio Lower Upper

200 100

173 27.2 6.4 46.4

215 48.4 28.9 68.9



#70

Pentachlorophenol

Concen: 95.433 ng

RT: 16.968 min Scan# 2326

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

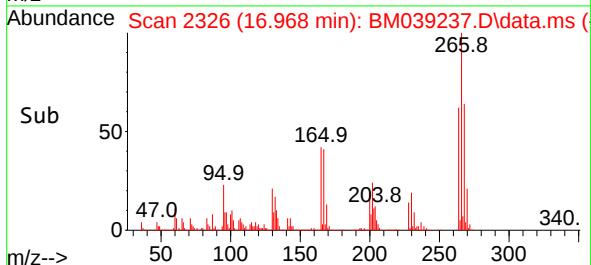
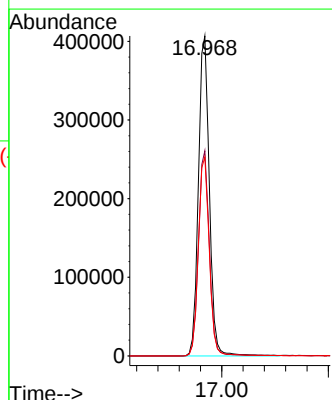
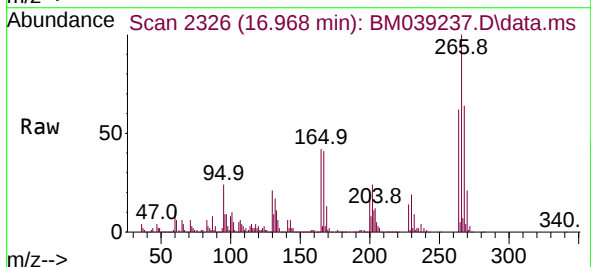
Tgt Ion:266 Resp: 578772

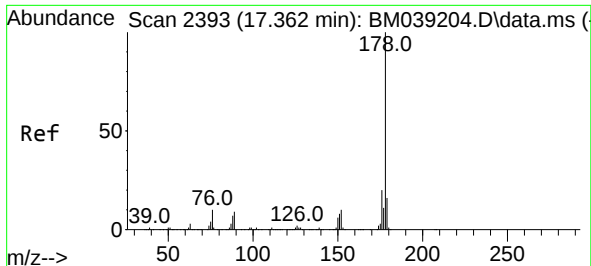
Ion Ratio Lower Upper

266 100

268 64.1 51.4 77.2

264 62.1 50.2 75.4

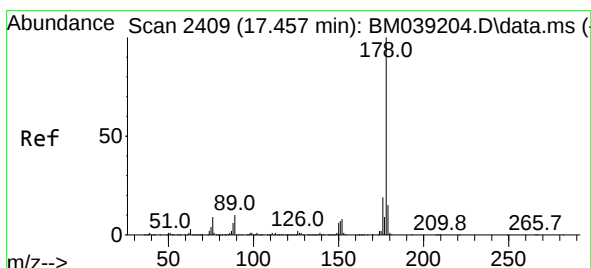
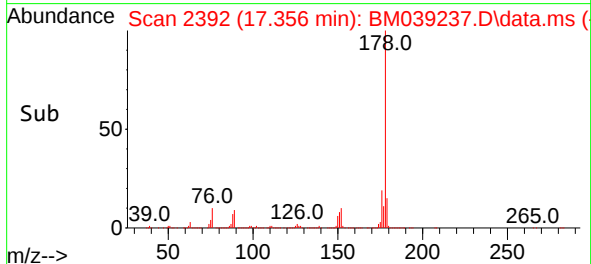
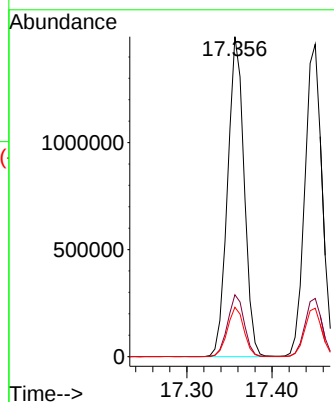
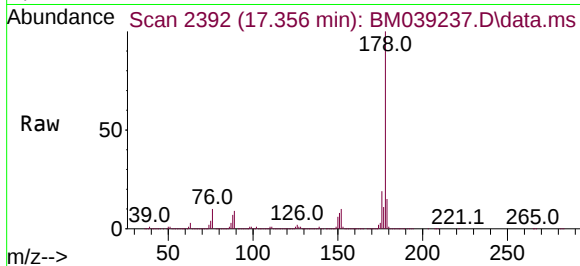




#71
Phenanthrene
Concen: 50.335 ng
RT: 17.356 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

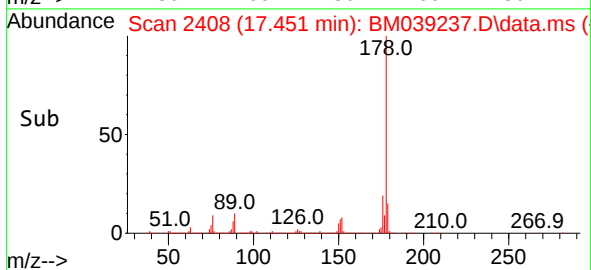
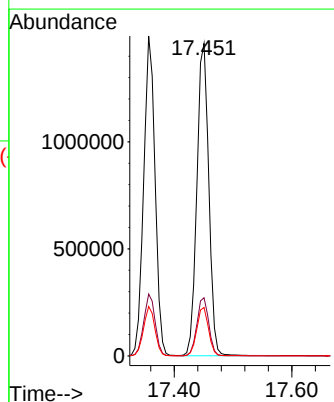
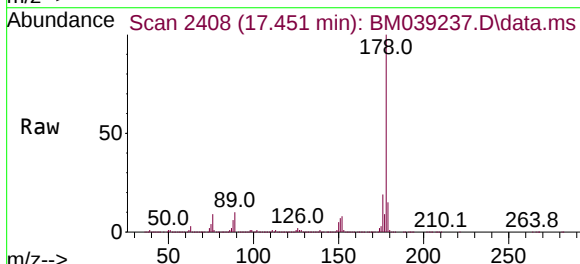
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

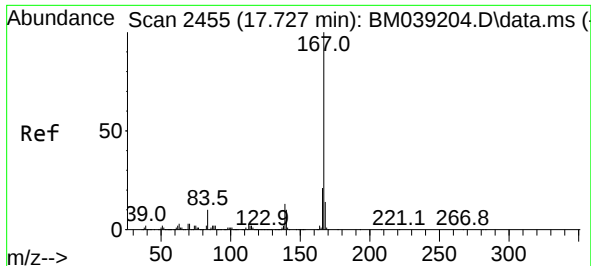
Tgt Ion:178 Resp: 2012412
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.4 12.4 18.6



#72
Anthracene
Concen: 50.178 ng
RT: 17.451 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:178 Resp: 2045614
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.2 18.2

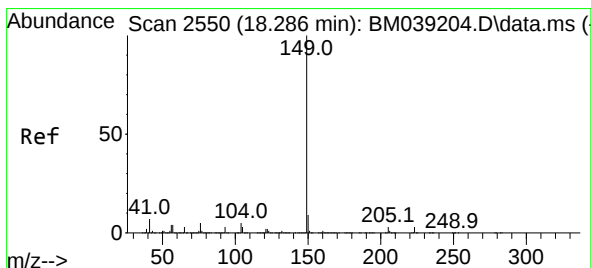
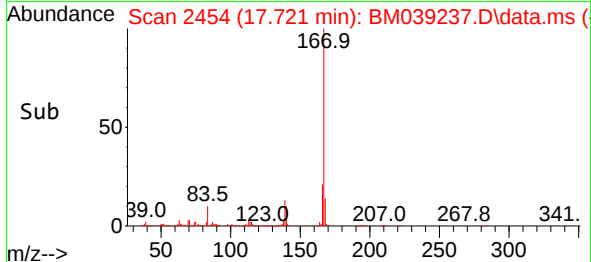
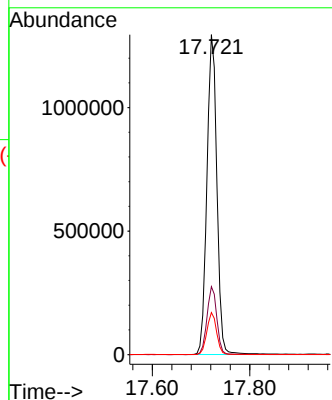
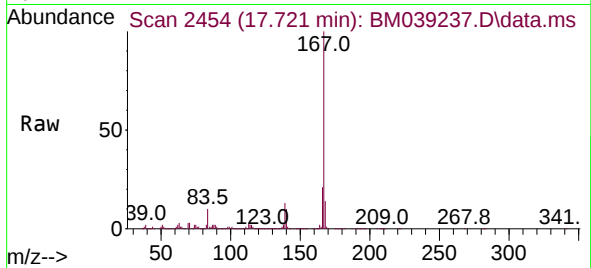




#73
 Carbazole
 Concen: 48.471 ng
 RT: 17.721 min Scan# 2455
 Delta R.T. -0.006 min
 Lab File: BM039237.D
 Acq: 30 Mar 2023 21:35

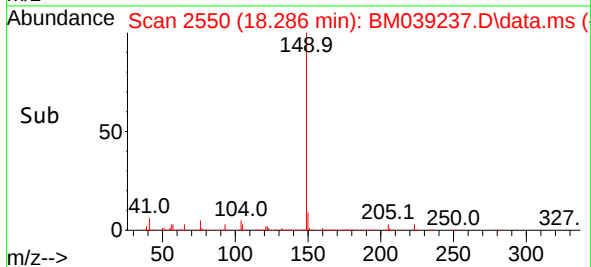
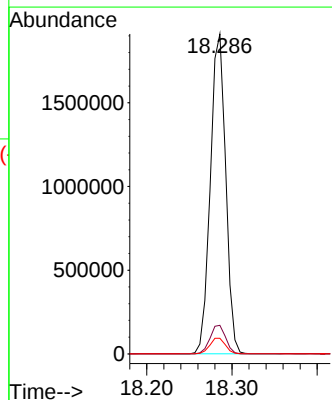
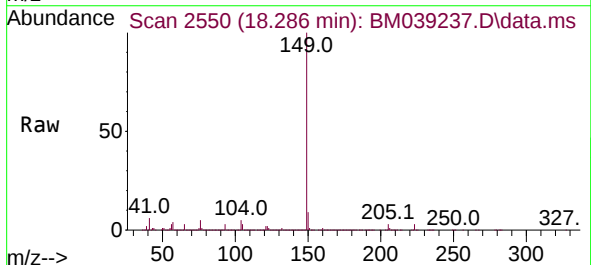
Instrument :
 BNA_M
 ClientSampleId :
 NB-8-032823MSD

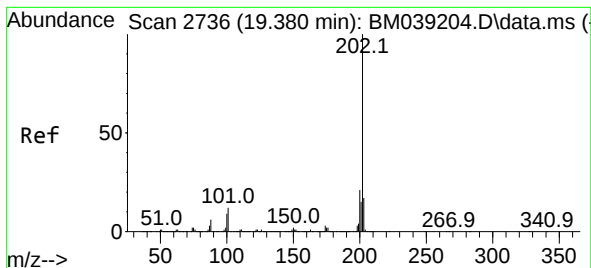
Tgt Ion:167 Resp: 1846450
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.694 ng
 RT: 18.286 min Scan# 2550
 Delta R.T. -0.000 min
 Lab File: BM039237.D
 Acq: 30 Mar 2023 21:35

Tgt Ion:149 Resp: 2388825
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 46.289 ng

RT: 19.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

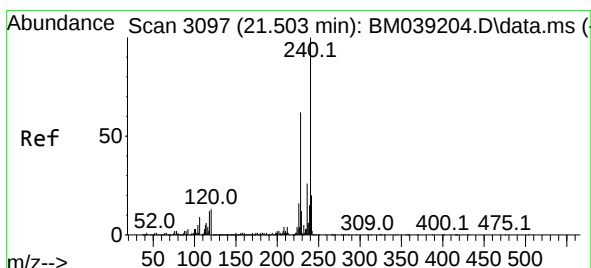
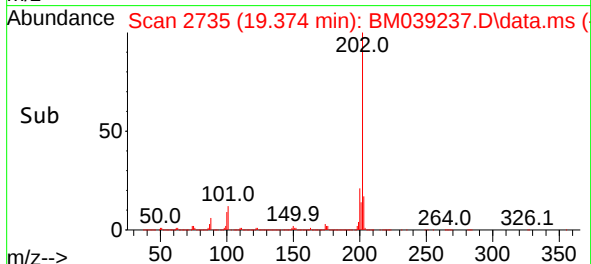
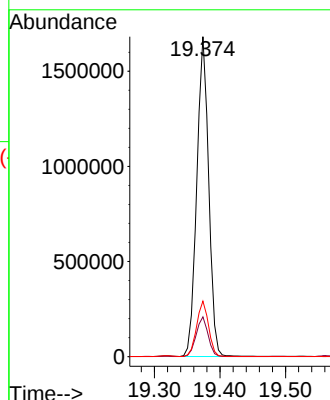
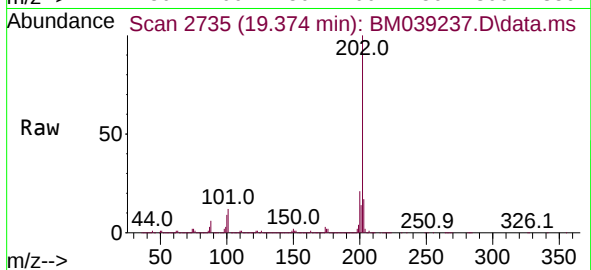
Tgt Ion:202 Resp: 2109621

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.5

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

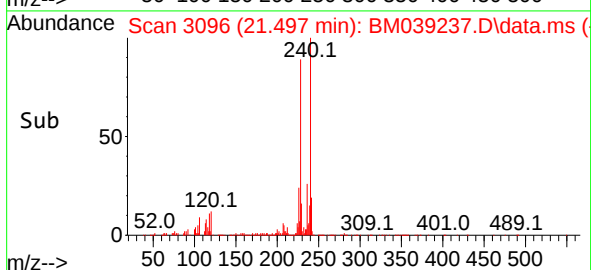
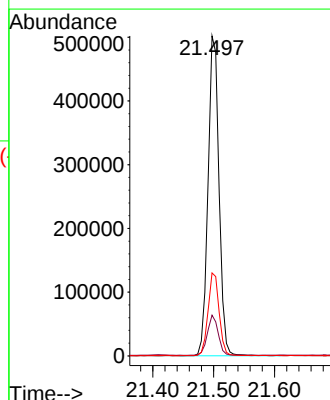
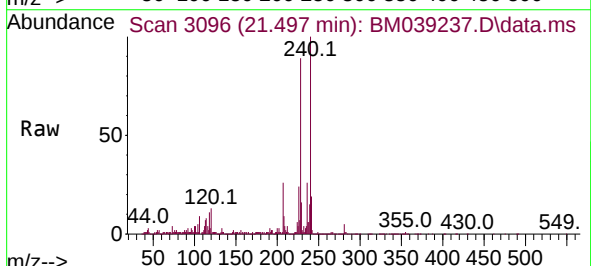
Tgt Ion:240 Resp: 627591

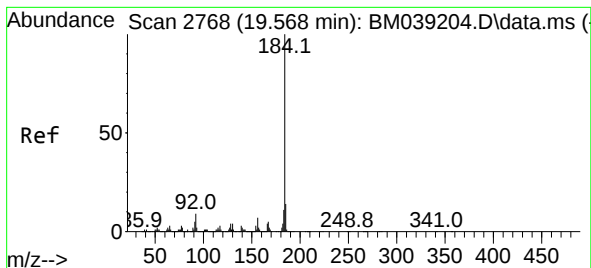
Ion Ratio Lower Upper

240 100

120 12.7 10.2 15.2

236 25.9 20.9 31.3





#77

Benzidine

Concen: 48.701 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

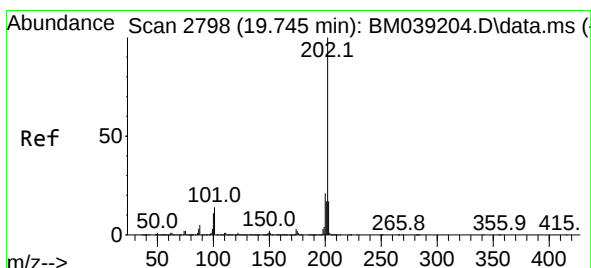
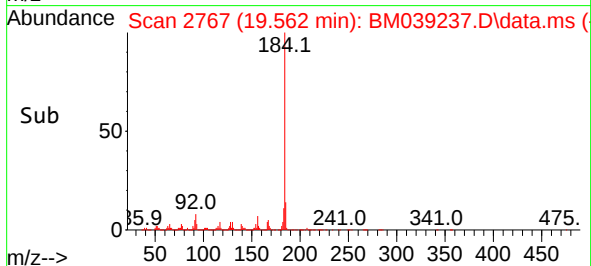
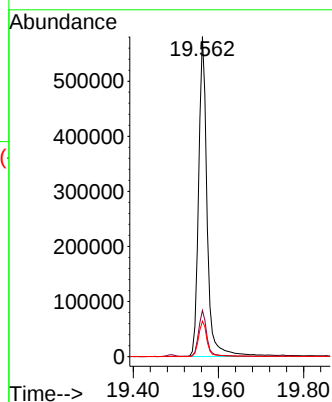
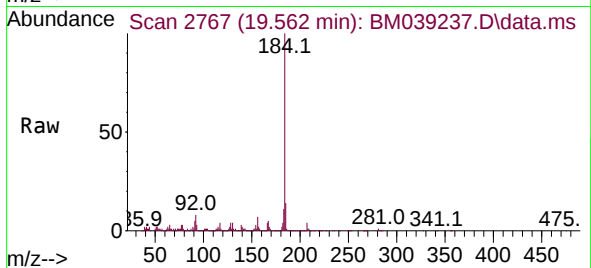
Tgt Ion:184 Resp: 806172

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.1 9.0 13.4



#78

Pyrene

Concen: 49.011 ng

RT: 19.739 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

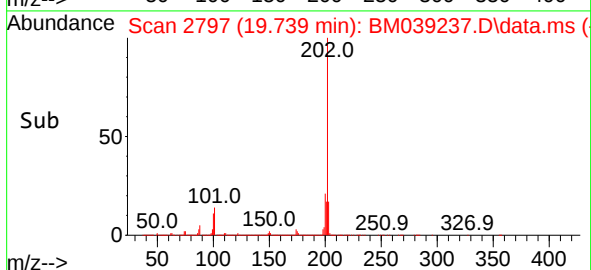
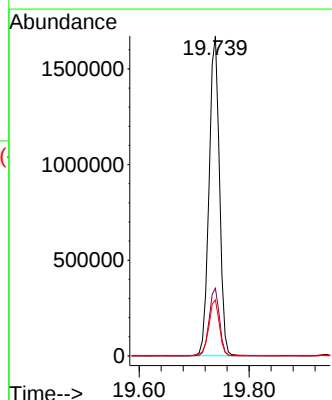
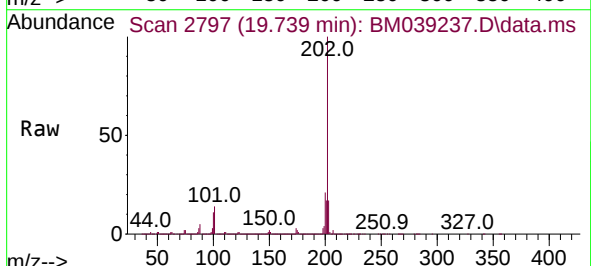
Tgt Ion:202 Resp: 2189713

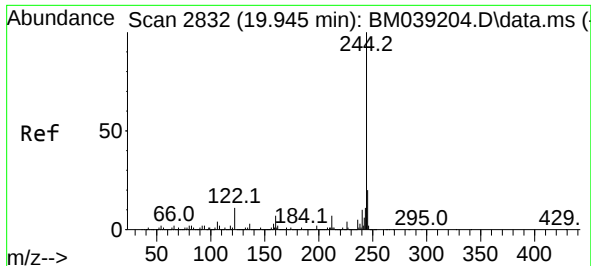
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.5 13.9 20.9

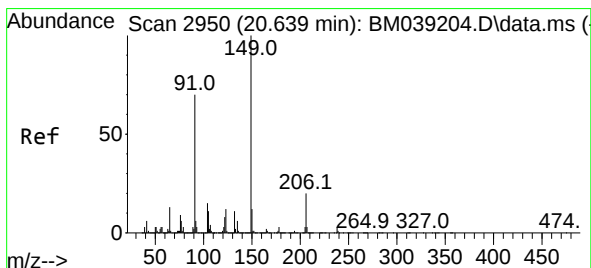
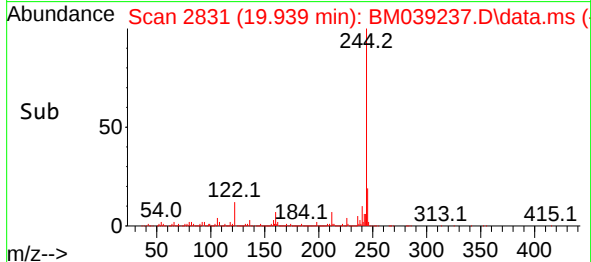
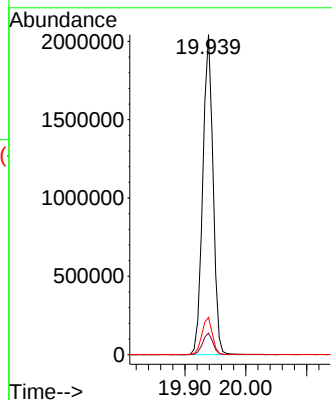
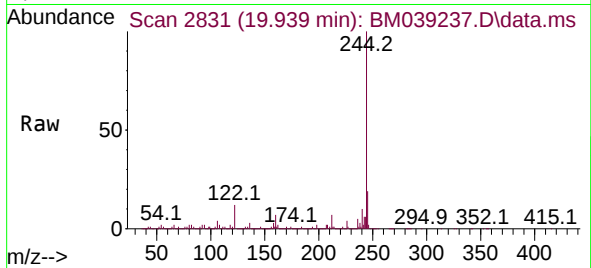




#79
 Terphenyl-d14
 Concen: 70.347 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039237.D
 Acq: 30 Mar 2023 21:35

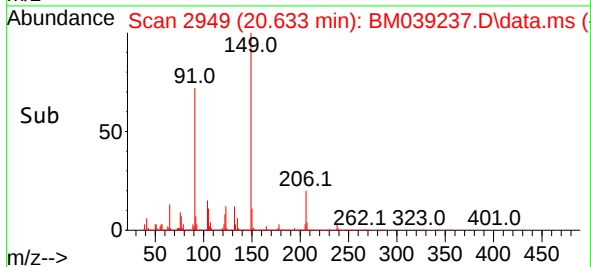
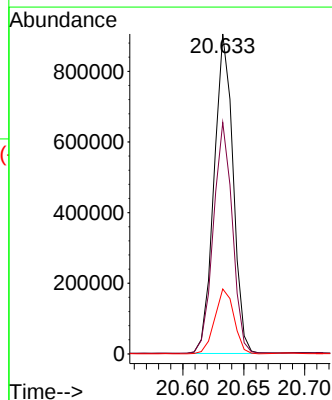
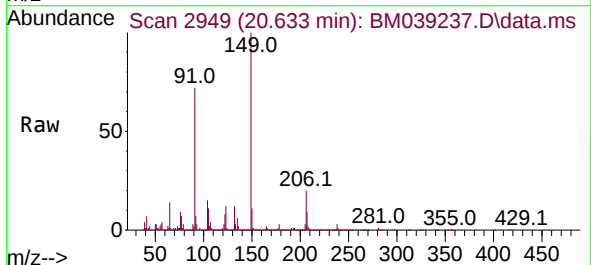
Instrument :
 BNA_M
 ClientSampleId :
 NB-8-032823MSD

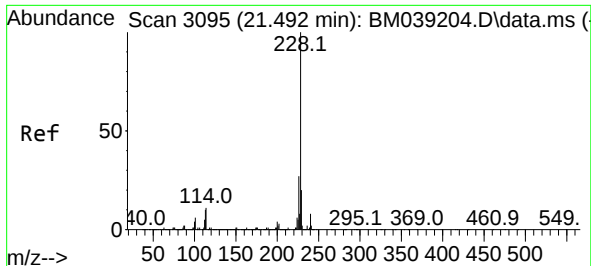
Tgt Ion:244 Resp: 2389613
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.6 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 48.125 ng
 RT: 20.633 min Scan# 2949
 Delta R.T. -0.006 min
 Lab File: BM039237.D
 Acq: 30 Mar 2023 21:35

Tgt Ion:149 Resp: 985035
 Ion Ratio Lower Upper
 149 100
 91 72.3 56.3 84.5
 206 20.3 16.4 24.6

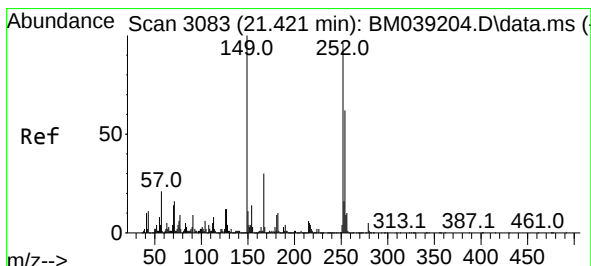
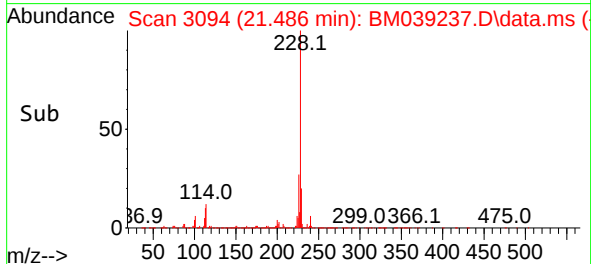
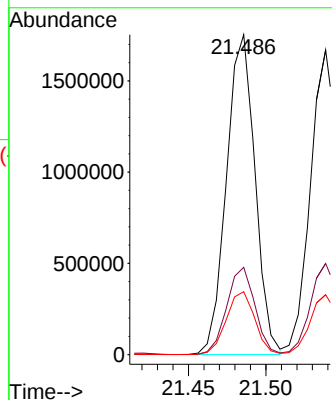
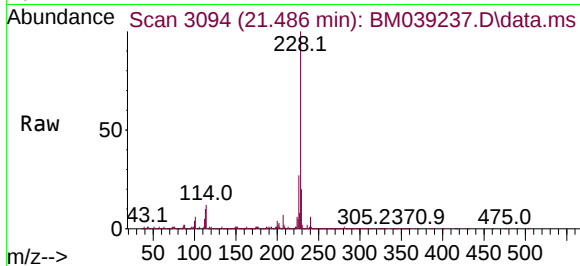




#81
Benzo(a)anthracene
Concen: 50.719 ng
RT: 21.486 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

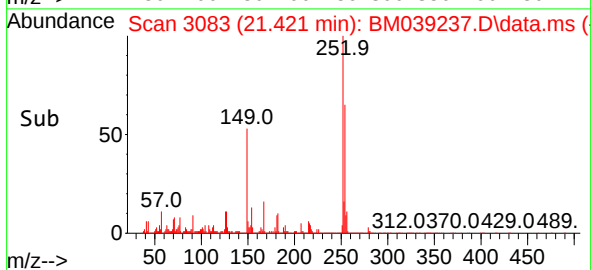
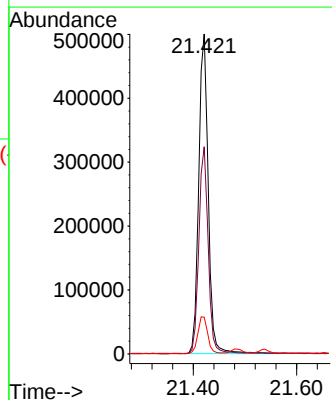
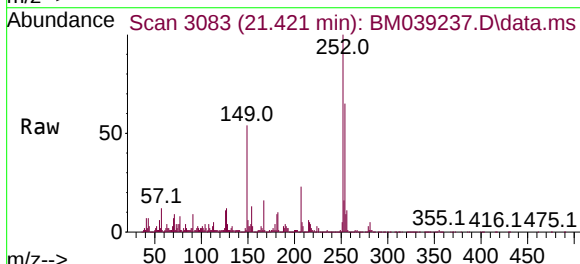
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

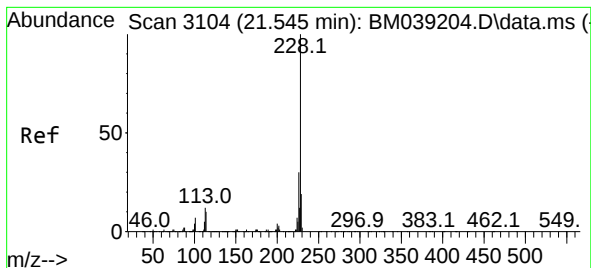
Tgt Ion:228 Resp: 2244908
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 43.316 ng
RT: 21.421 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:252 Resp: 638673
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.8
126 11.5 10.1 15.1





#83

Chrysene

Concen: 49.822 ng

RT: 21.539 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

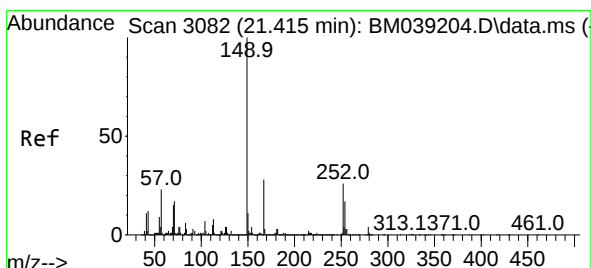
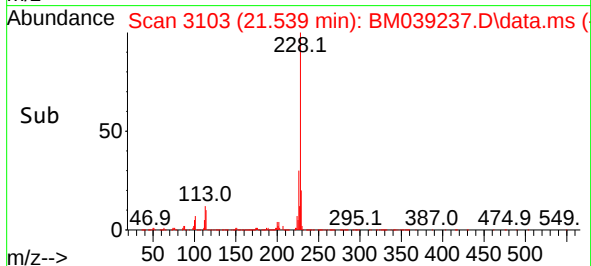
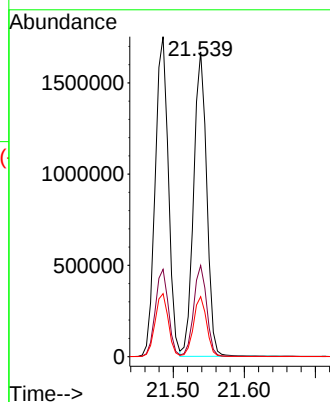
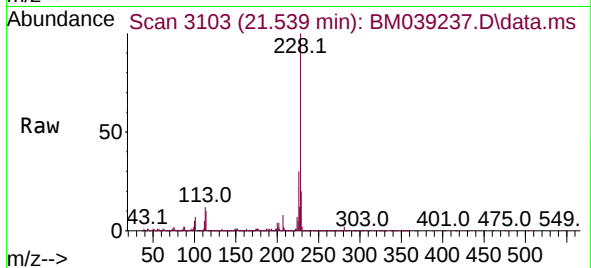
Tgt Ion:228 Resp: 2128822

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.032 ng

RT: 21.409 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

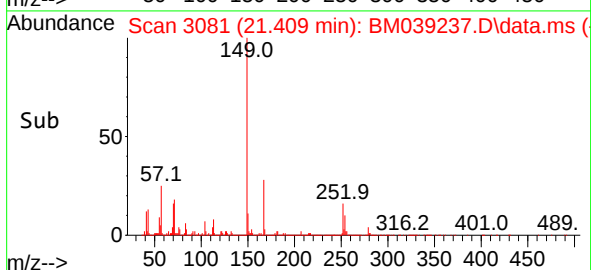
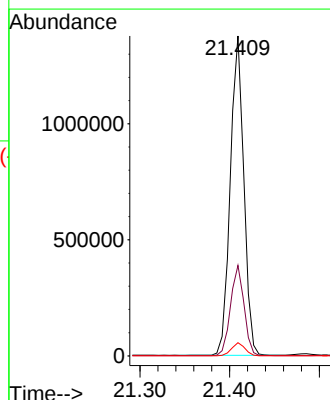
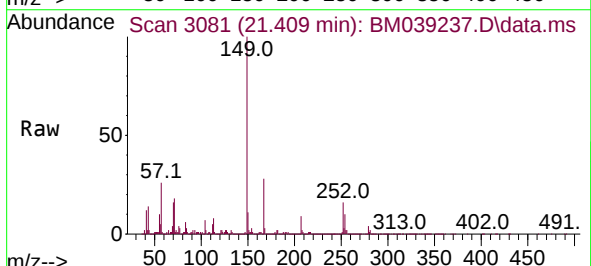
Tgt Ion:149 Resp: 1451992

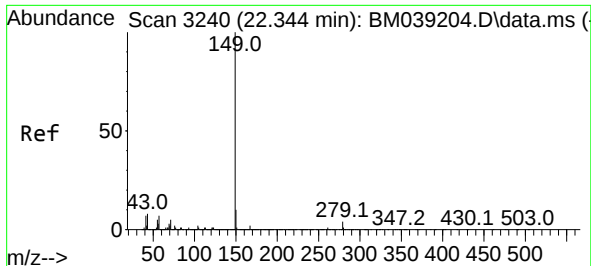
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.1 3.4 5.2

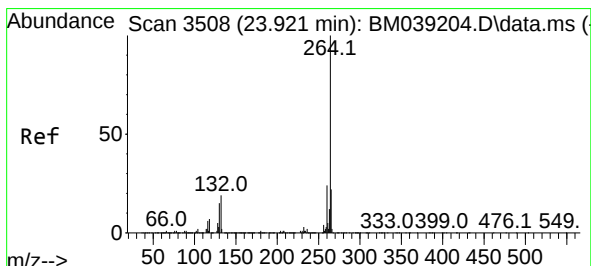
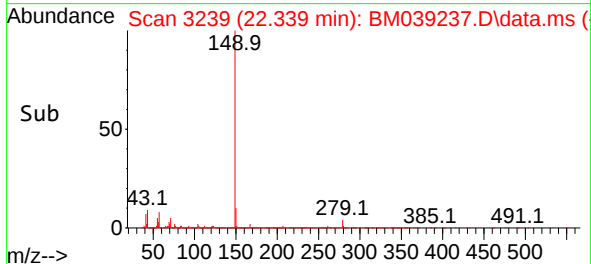
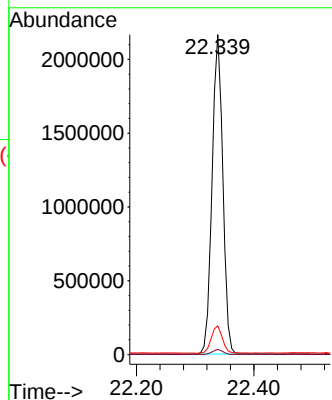
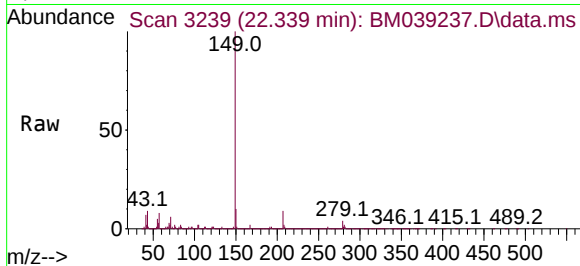




#85
Di-n-octyl phthalate
Concen: 50.387 ng
RT: 22.339 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

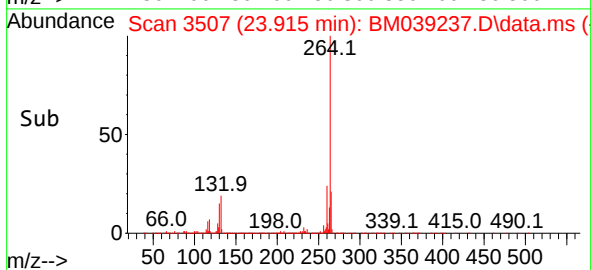
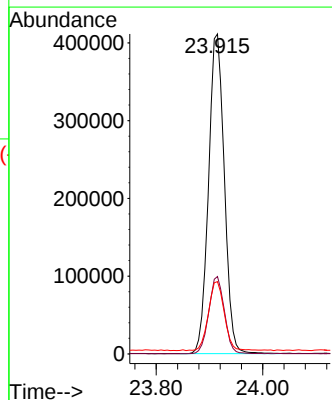
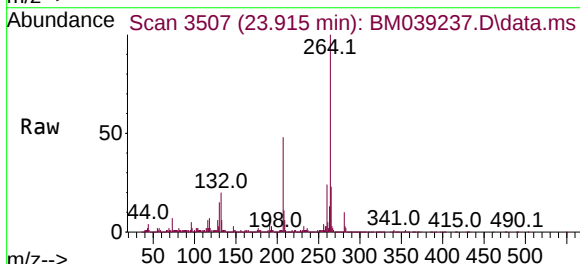
Instrument :
BNA_M
ClientSampleId :
NB-8-032823MSD

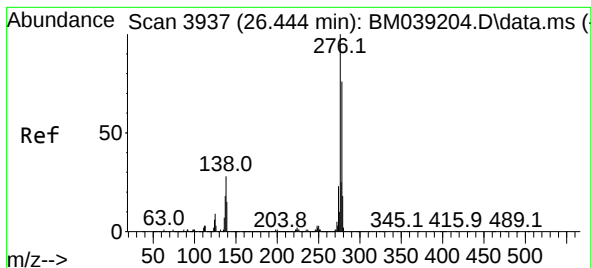
Tgt Ion:149 Resp: 2744280
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.915 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM039237.D
Acq: 30 Mar 2023 21:35

Tgt Ion:264 Resp: 847861
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 22.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.734 ng

RT: 26.432 min Scan# 3935

Delta R.T. -0.012 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

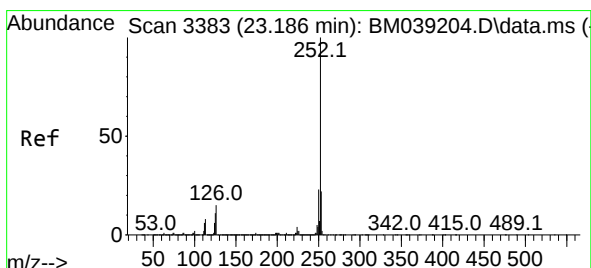
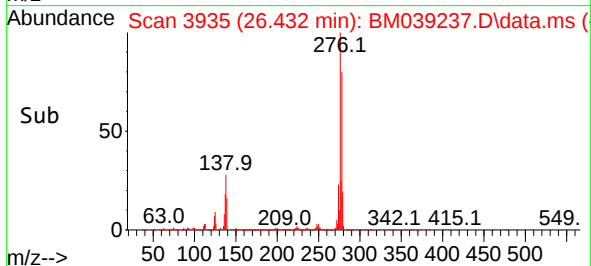
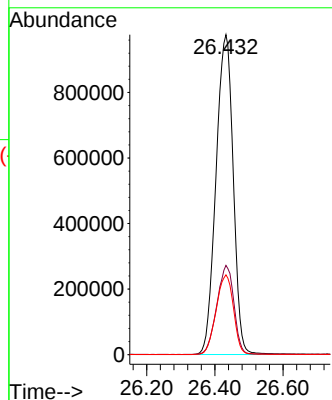
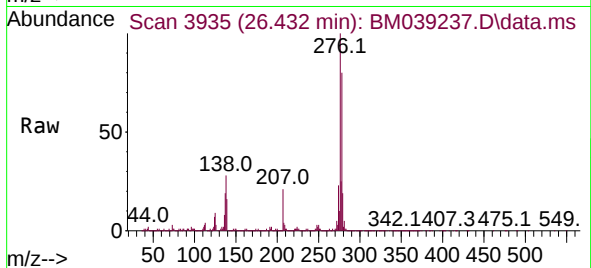
Tgt Ion:276 Resp: 3419232

Ion Ratio Lower Upper

276 100

138 27.7 22.2 33.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.030 ng

RT: 23.180 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

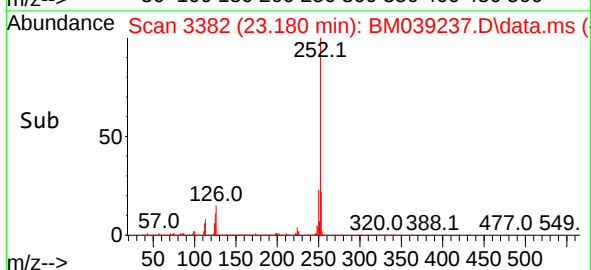
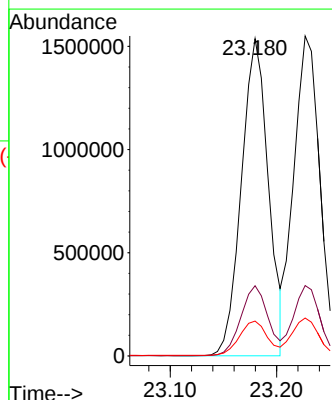
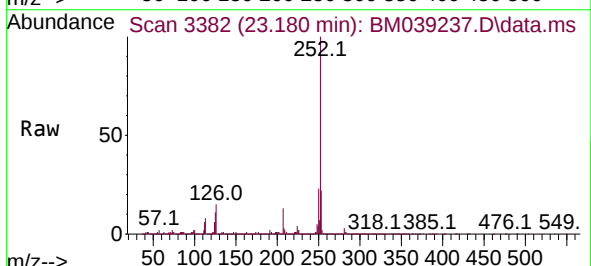
Tgt Ion:252 Resp: 2699267

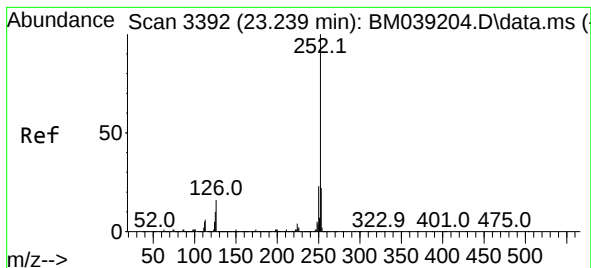
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.0 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 49.970 ng

RT: 23.227 min Scan# 3392

Delta R.T. -0.012 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

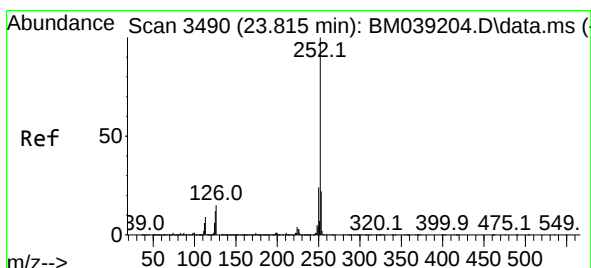
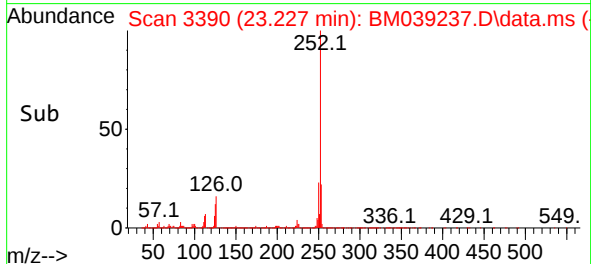
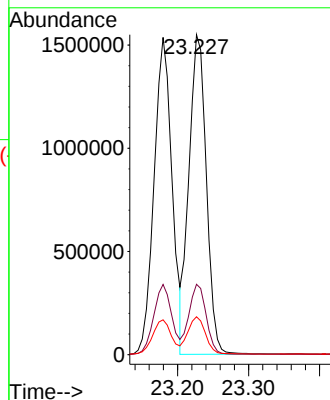
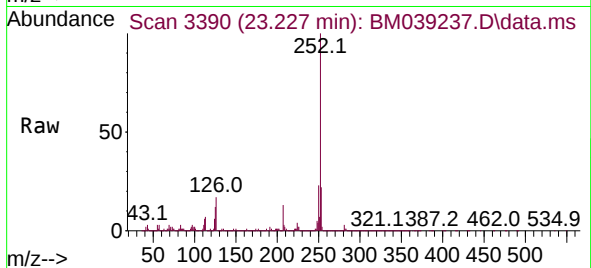
Tgt Ion:252 Resp: 2640603

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.8 8.5 12.7



#90

Benzo(a)pyrene

Concen: 48.108 ng

RT: 23.809 min Scan# 3489

Delta R.T. -0.006 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

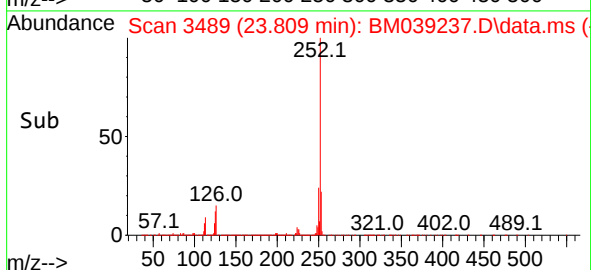
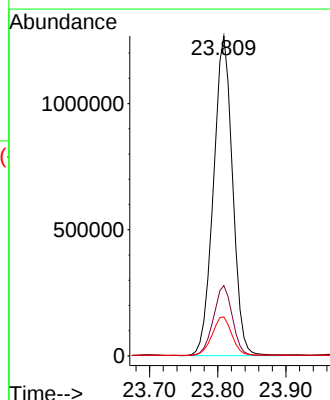
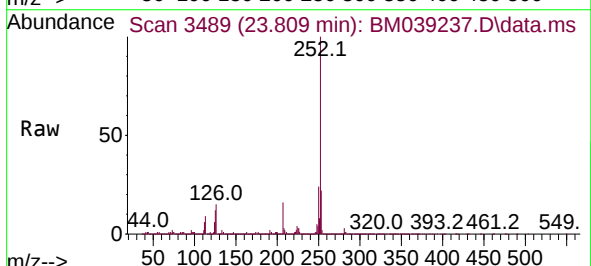
Tgt Ion:252 Resp: 2451803

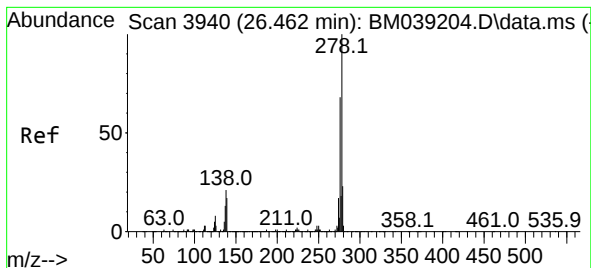
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 12.2 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 54.249 ng

RT: 26.444 min Scan# 39

Delta R.T. -0.018 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_M

ClientSampleId :

NB-8-032823MSD

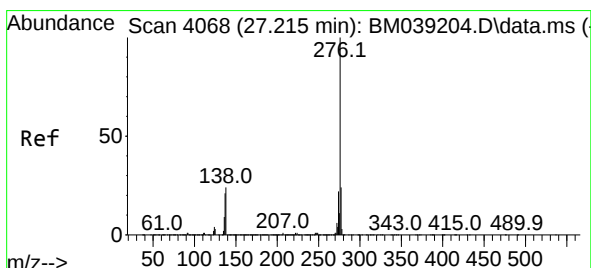
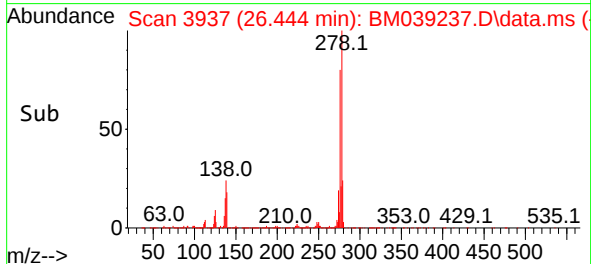
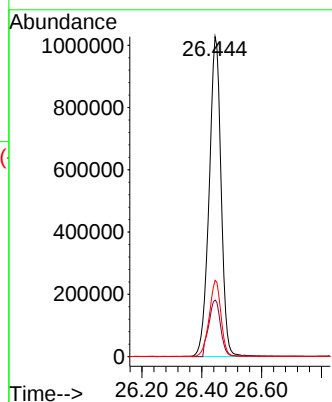
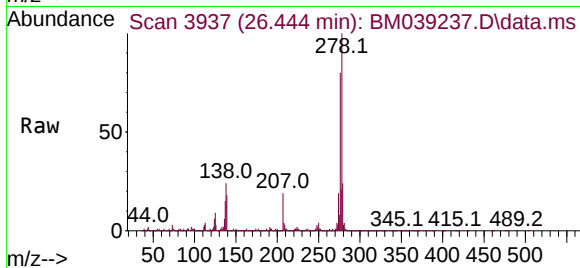
Tgt Ion:278 Resp: 2845674

Ion Ratio Lower Upper

278 100

139 17.7 13.9 20.9

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 54.292 ng

RT: 27.203 min Scan# 4066

Delta R.T. -0.012 min

Lab File: BM039237.D

Acq: 30 Mar 2023 21:35

Tgt Ion:276 Resp: 2800738

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 23.3 19.5 29.3

