

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
 Data File : BM039295.D
 Acq On : 04 Apr 2023 13:11
 Operator : CG/JU
 Sample : PB151761BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151761BS

Quant Time: Apr 04 17:38:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	356111	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1391510	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	722598	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1240830	20.000	ng	0.00
76) Chrysene-d12	21.497	240	771392	20.000	ng	0.00
86) Perylene-d12	23.903	264	748240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3378484	142.934	ng	0.00
7) Phenol-d6	7.093	99	4084367	133.597	ng	0.00
23) Nitrobenzene-d5	9.087	82	2570761	89.791	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1097103	119.606	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	4792076	89.854	ng	0.00
79) Terphenyl-d14	19.933	244	4567515	109.396	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	347542	35.972	ng	99
3) Pyridine	3.752	79	965621	35.677	ng	98
4) n-Nitrosodimethylamine	3.663	42	482428	45.385	ng	99
6) Aniline	7.245	93	1549689	40.955	ng	99
8) 2-Chlorophenol	7.481	128	1146003	47.370	ng	98
9) Benzaldehyde	7.051	77	677154	38.893	ng	98
10) Phenol	7.116	94	1438154	46.941	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	1137921	46.168	ng	99
12) 1,3-Dichlorobenzene	7.804	146	1205569	46.989	ng	99
13) 1,4-Dichlorobenzene	7.951	146	1233806	47.559	ng	99
14) 1,2-Dichlorobenzene	8.269	146	1182769	47.680	ng	99
15) Benzyl Alcohol	8.163	79	978033	46.512	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1495241	47.429	ng	100
17) 2-Methylphenol	8.369	107	929381	43.358	ng	99
18) Hexachloroethane	8.992	117	478642	47.697	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	845771	43.277	ng	100
20) 3+4-Methylphenols	8.698	107	1245187	43.230	ng	97
22) Acetophenone	8.745	105	1699898	45.690	ng	99
24) Nitrobenzene	9.134	77	1270473	44.613	ng	98
25) Isophorone	9.657	82	2235833	41.860	ng	99
26) 2-Nitrophenol	9.839	139	601216	45.671	ng	99
27) 2,4-Dimethylphenol	9.904	122	984961	45.032	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	1401909	43.359	ng	100
29) 2,4-Dichlorophenol	10.381	162	959102	44.943	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	1042048	45.642	ng	99
31) Naphthalene	10.775	128	3284219	43.802	ng	100
32) Benzoic acid	10.081	122	697452	40.913	ng	99
33) 4-Chloroaniline	10.892	127	668228	20.343	ng	99
34) Hexachlorobutadiene	11.057	225	608223	45.306	ng	100
35) Caprolactam	11.698	113	281543	37.996	ng	97
36) 4-Chloro-3-methylphenol	12.022	107	956822	40.638	ng	97
37) 2-Methylnaphthalene	12.386	142	2067114	39.602	ng	99
38) 1-Methylnaphthalene	12.604	142	1918775	39.259	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	1060330	48.196	ng	99
41) Hexachlorocyclopentadiene	12.727	237	1414077	117.652	ng	97
43) 2,4,6-Trichlorophenol	12.998	196	689950	45.984	ng	99

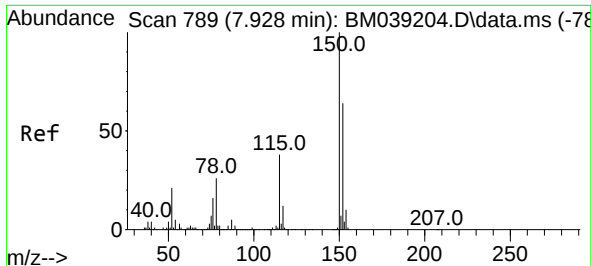
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	723123	41.111	ng	97
46) 1,1'-Biphenyl	13.398	154	2627792	46.052	ng	100
47) 2-Chloronaphthalene	13.439	162	2012787	46.586	ng	99
48) 2-Nitroaniline	13.651	65	613625	42.204	ng	98
49) Acenaphthylene	14.286	152	3067333	43.196	ng	99
50) Dimethylphthalate	14.027	163	2221970	39.900	ng	100
51) 2,6-Dinitrotoluene	14.145	165	498419	41.620	ng	96
52) Acenaphthene	14.627	154	1819241	43.387	ng	99
53) 3-Nitroaniline	14.474	138	362593	26.191	ng	96
54) 2,4-Dinitrophenol	14.686	184	599397	84.517	ng	98
55) Dibenzofuran	14.963	168	2821792	41.801	ng	100
56) 4-Nitrophenol	14.792	139	867223	81.234	ng	95
57) 2,4-Dinitrotoluene	14.933	165	655193	40.444	ng	93
58) Fluorene	15.610	166	2160922	40.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	580647	41.496	ng	100
60) Diethylphthalate	15.386	149	2146708	38.298	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1075644	40.603	ng	99
62) 4-Nitroaniline	15.639	138	512697	36.088	ng	100
63) Azobenzene	15.898	77	2296496	40.894	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	362370	44.391	ng	96
66) n-Nitrosodiphenylamine	15.821	169	1838905	47.030	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	613280	46.280	ng	98
68) Hexachlorobenzene	16.615	284	698288	48.599	ng	100
69) Atrazine	16.774	200	565800	45.688	ng	99
70) Pentachlorophenol	16.962	266	859387	83.366	ng	100
71) Phenanthrene	17.351	178	3005136	44.220	ng	100
72) Anthracene	17.445	178	3092152	44.623	ng	99
73) Carbazole	17.715	167	2759151	42.612	ng	100
74) Di-n-butylphthalate	18.274	149	3180901	39.713	ng	100
75) Fluoranthene	19.368	202	2883436	37.221	ng	100
77) Benzidine	19.556	184	1297313	63.761	ng	100
78) Pyrene	19.733	202	2956108	53.831	ng	99
80) Butylbenzylphthalate	20.627	149	1133630	45.060	ng	99
81) Benzo(a)anthracene	21.480	228	2412069	44.337	ng	99
82) 3,3'-Dichlorobenzidine	21.415	252	689497	38.045	ng	99
83) Chrysene	21.533	228	2279977	43.412	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	1530933	41.203	ng	100
85) Di-n-octyl phthalate	22.327	149	2433759	36.355	ng	99
87) Indeno(1,2,3-cd)pyrene	26.409	276	2429664	44.071	ng	100
88) Benzo(b)fluoranthene	23.168	252	2127685	46.473	ng	99
89) Benzo(k)fluoranthene	23.221	252	2178902	46.723	ng	99
90) Benzo(a)pyrene	23.797	252	1882702	41.860	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	2023802	43.718	ng	99
92) Benzo(g,h,i)perylene	27.185	276	2021196	44.397	ng	99

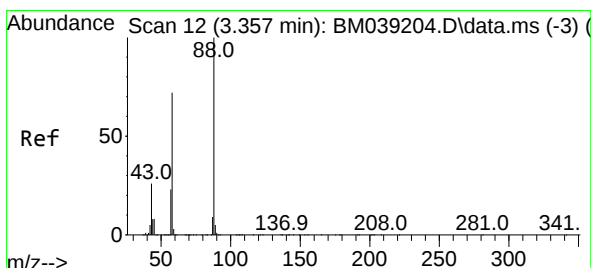
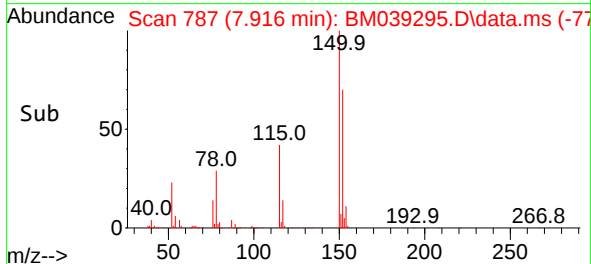
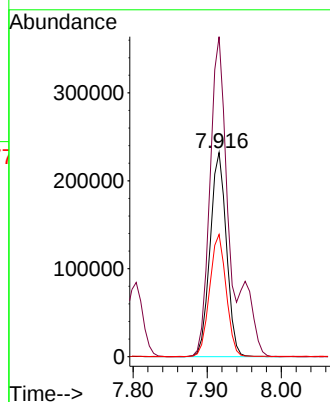
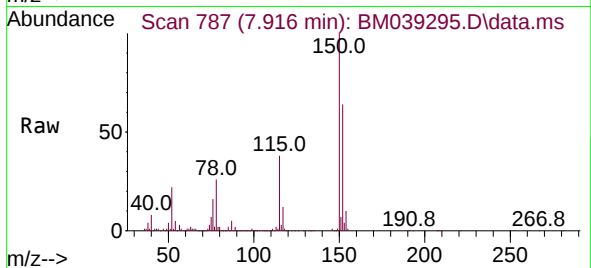
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 789
Delta R.T. 0.000 min
Lab File: BM039295.D
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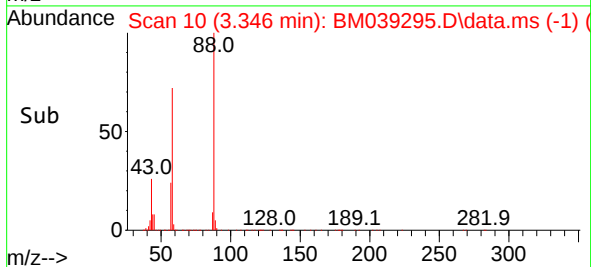
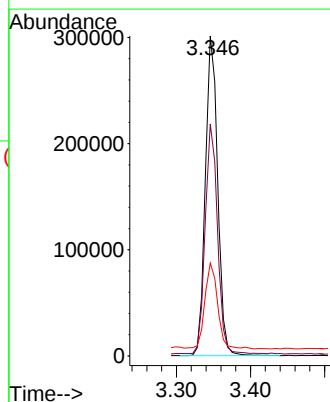
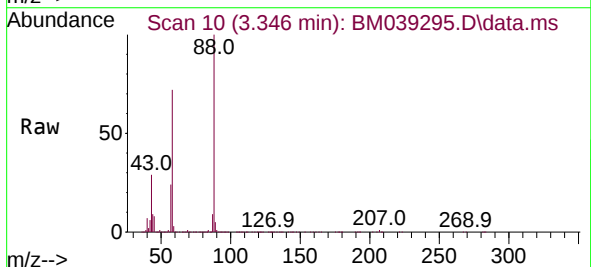
Instrument :
BNA_M
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PB151761BS

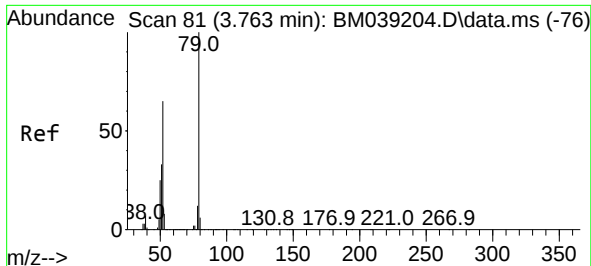
Tgt Ion:152 Resp: 356111
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 59.9 48.1 72.1



#2
1,4-Dioxane
Concen: 35.972 ng
RT: 3.346 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 88 Resp: 347542
Ion Ratio Lower Upper
88 100
58 71.5 57.9 86.9
43 27.5 21.4 32.2

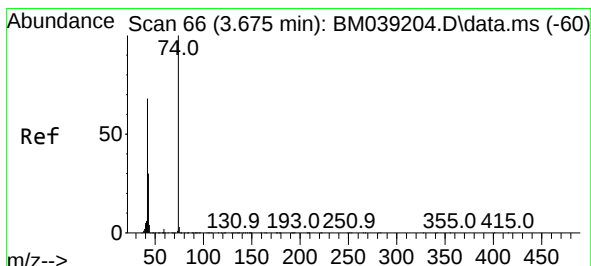
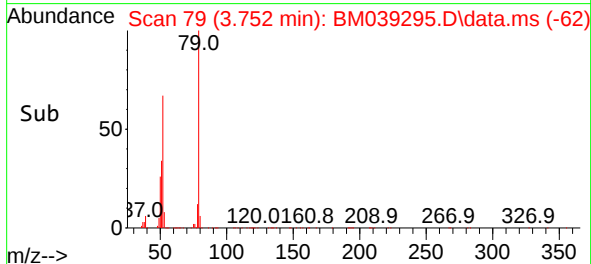
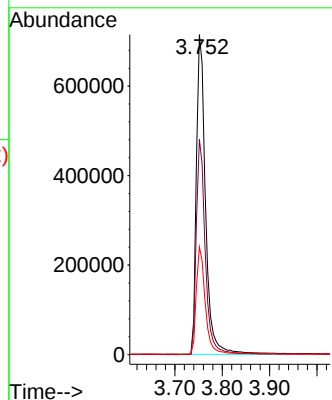
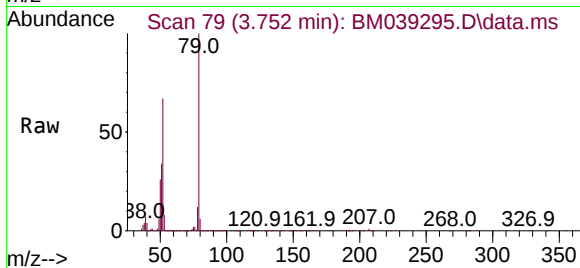




#3
 Pyridine
 Concen: 35.677 ng
 RT: 3.752 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039295.D
 Acq: 04 Apr 2023 13:11

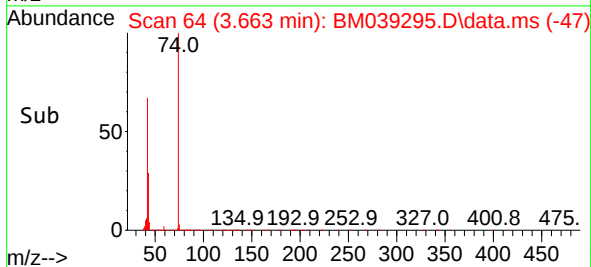
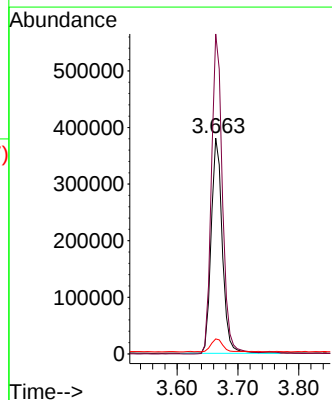
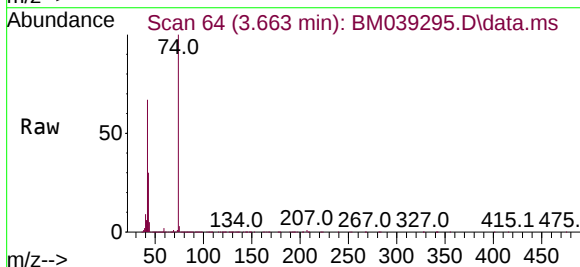
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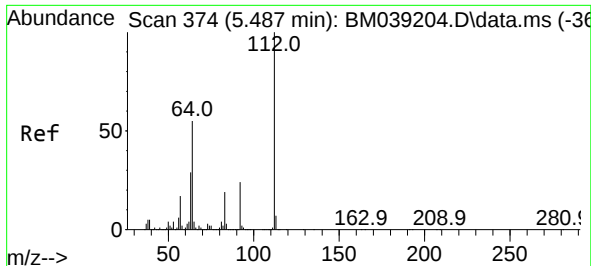
Tgt Ion: 79 Resp: 965621
 Ion Ratio Lower Upper
 79 100
 52 67.3 52.0 78.0
 51 33.6 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 45.385 ng
 RT: 3.663 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BM039295.D
 Acq: 04 Apr 2023 13:11

Tgt Ion: 42 Resp: 482428
 Ion Ratio Lower Upper
 42 100
 74 148.3 118.1 177.1
 44 7.0 6.3 9.5

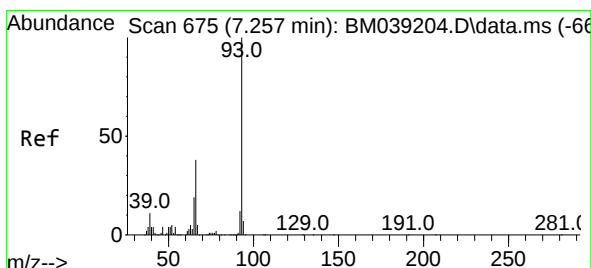
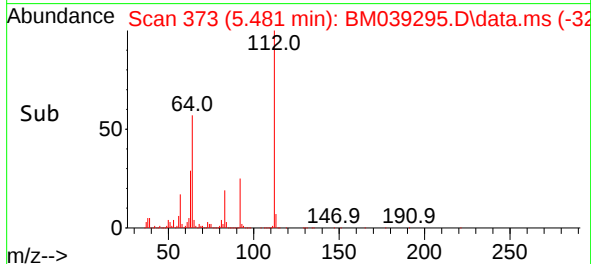
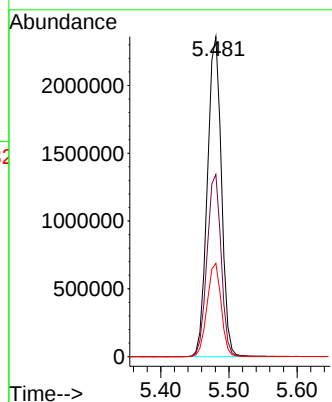
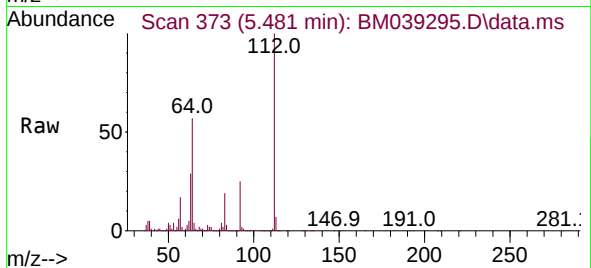




#5
2-Fluorophenol
Concen: 142.934 ng
RT: 5.481 min Scan# 374
Delta R.T. 0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

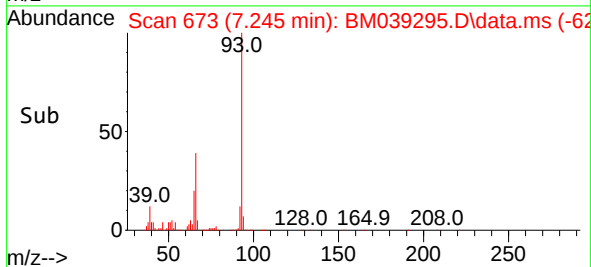
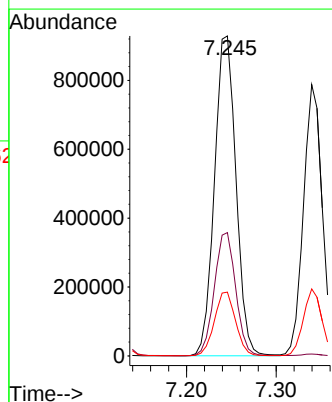
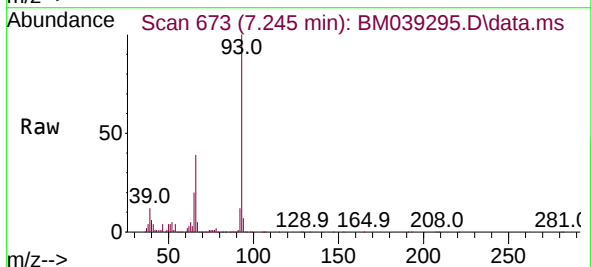
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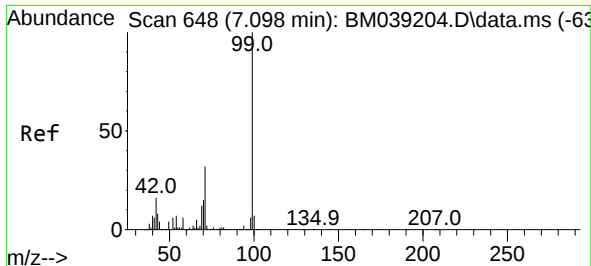
Tgt Ion:112 Resp: 3378484
Ion Ratio Lower Upper
112 100
64 56.9 44.3 66.5
63 29.1 23.0 34.6



#6
Aniline
Concen: 40.955 ng
RT: 7.245 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 93 Resp: 1549689
Ion Ratio Lower Upper
93 100
66 38.5 30.1 45.1
65 19.9 15.5 23.3

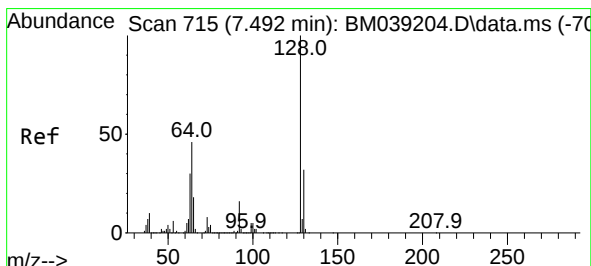
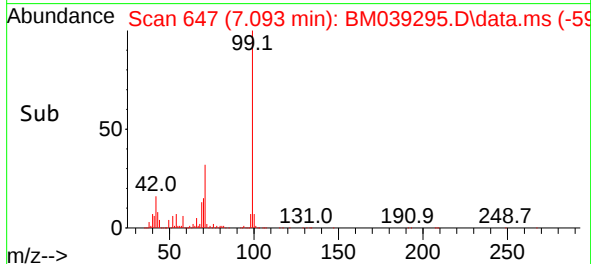
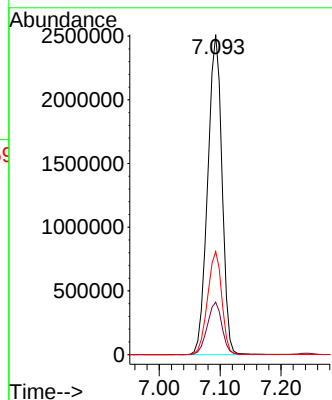
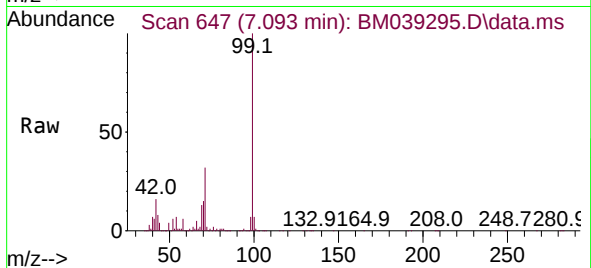




#7
Phenol-d6
Concen: 133.597 ng
RT: 7.093 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

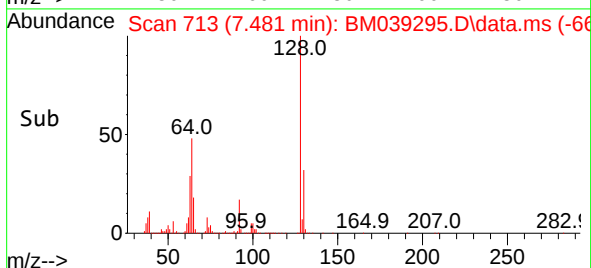
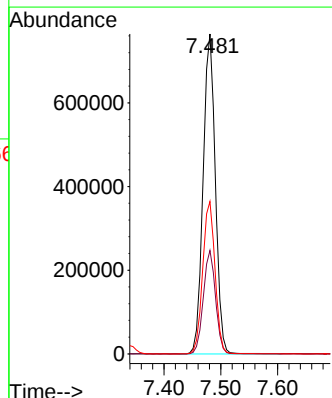
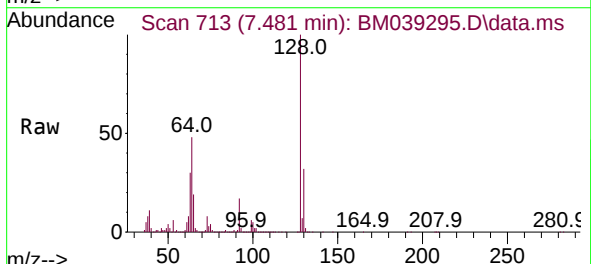
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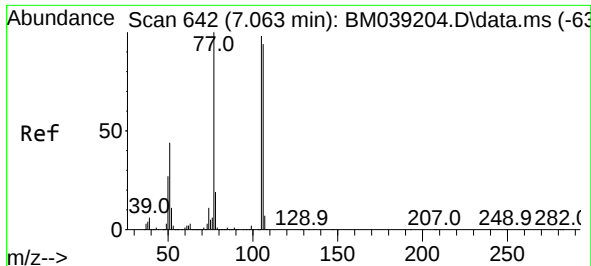
Tgt Ion: 99 Resp: 4084367
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.6
71 32.2 25.5 38.3



#8
2-Chlorophenol
Concen: 47.370 ng
RT: 7.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 128 Resp: 1146003
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 47.6 25.9 65.9

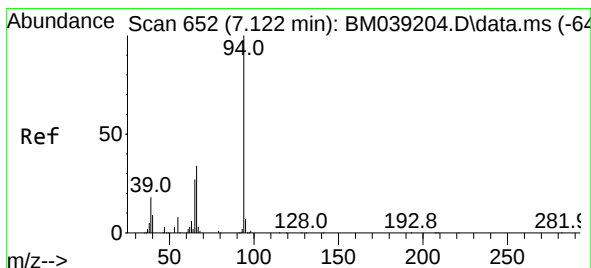
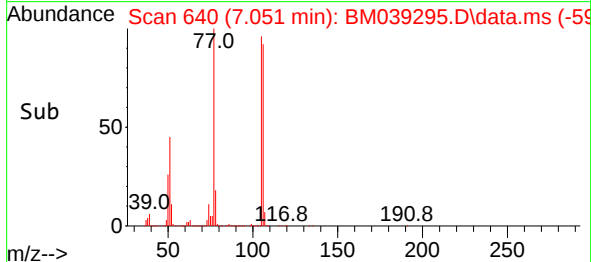
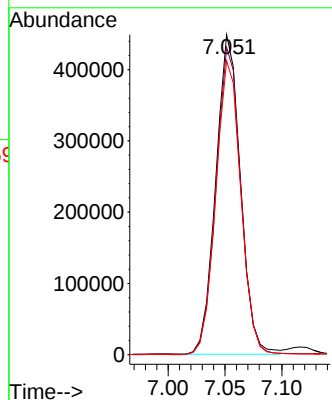
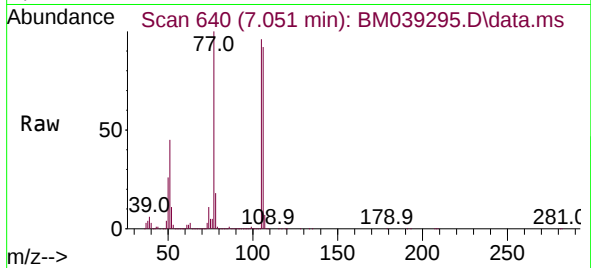




#9
Benzaldehyde
Concen: 38.893 ng
RT: 7.051 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

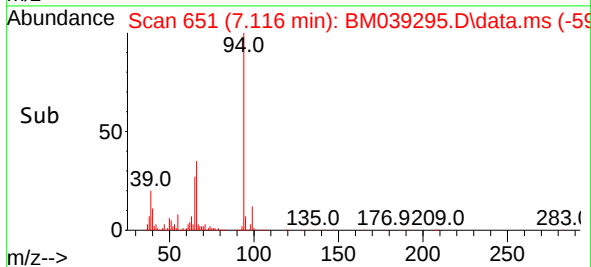
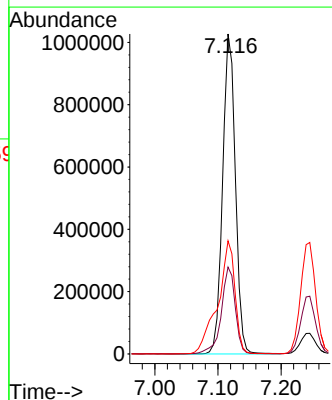
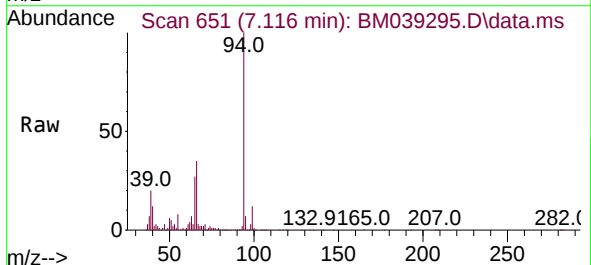
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BNA_M
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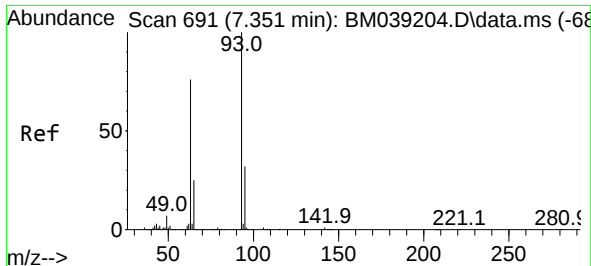
Tgt Ion: 77 Resp: 677154
Ion Ratio Lower Upper
77 100
105 96.0 78.2 118.2
106 91.8 73.8 113.8



#10
Phenol
Concen: 46.941 ng
RT: 7.116 min Scan# 651
Delta R.T. 0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 94 Resp: 1438154
Ion Ratio Lower Upper
94 100
65 27.1 7.2 47.2
66 35.3 15.2 55.2

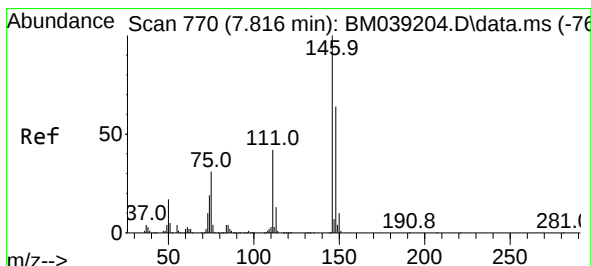
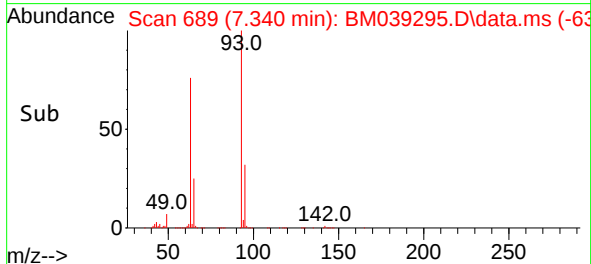
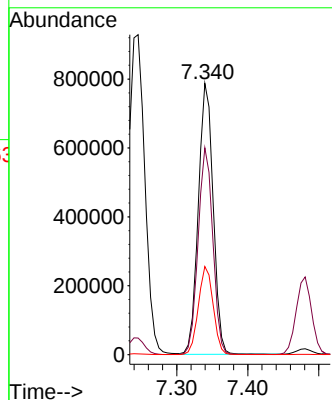
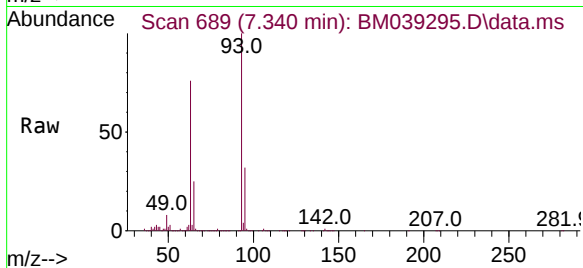




#11
bis(2-Chloroethyl)ether
Concen: 46.168 ng
RT: 7.340 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

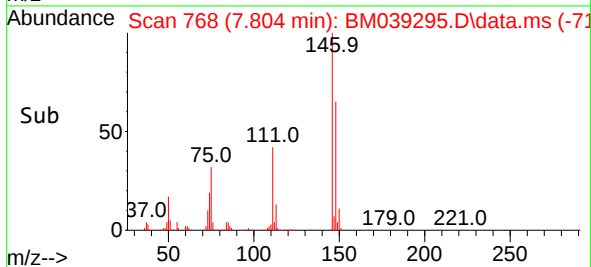
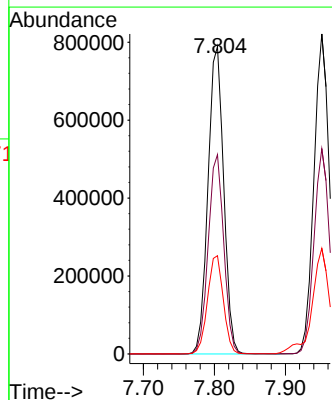
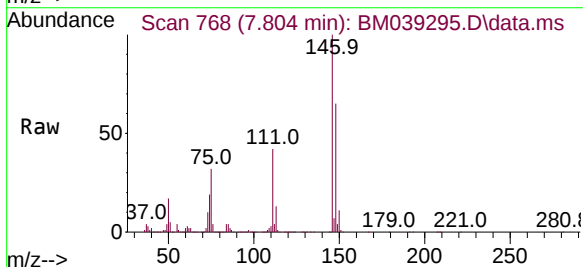
Instrument :
BNA_M
ClientSampleId :
PB151761BS

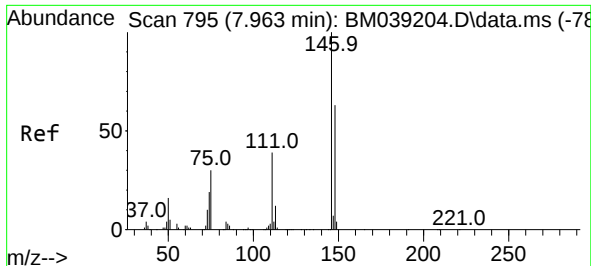
Tgt Ion: 93 Resp: 1137921
Ion Ratio Lower Upper
93 100
63 76.2 55.5 95.5
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.989 ng
RT: 7.804 min Scan# 768
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:146 Resp: 1205569
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 32.0 25.2 37.8

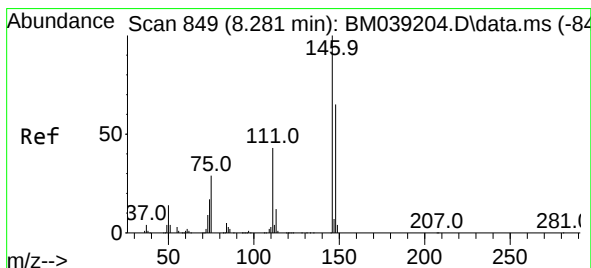
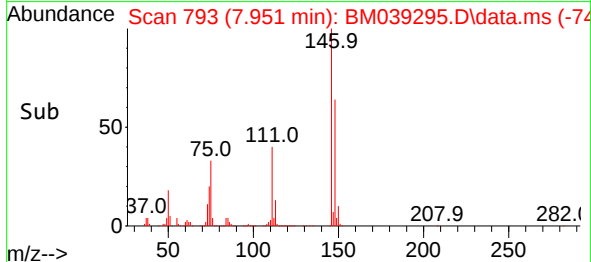
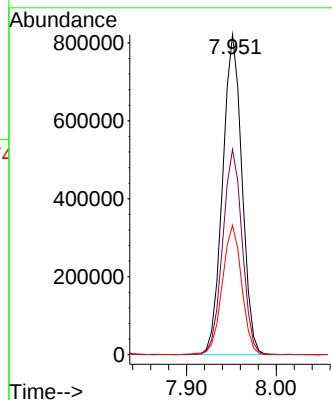
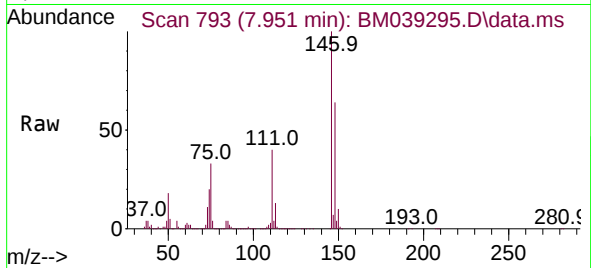




#13
1,4-Dichlorobenzene
Concen: 47.559 ng
RT: 7.951 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

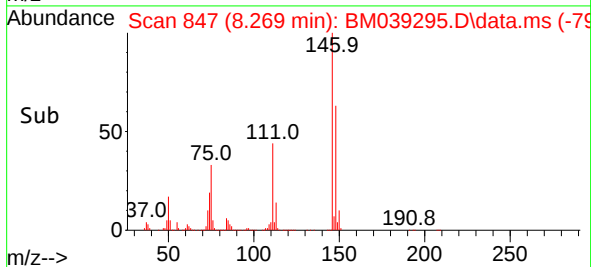
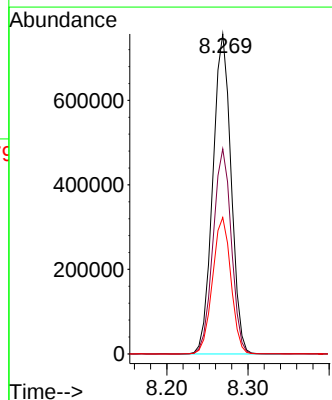
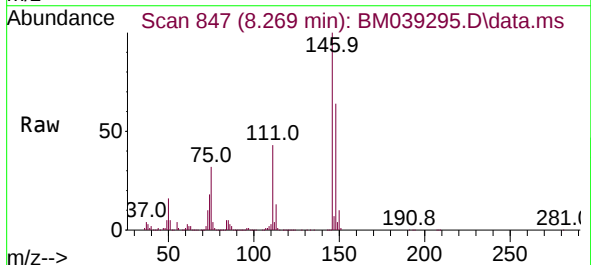
Instrument :
BNA_M
ClientSampleId :
PB151761BS

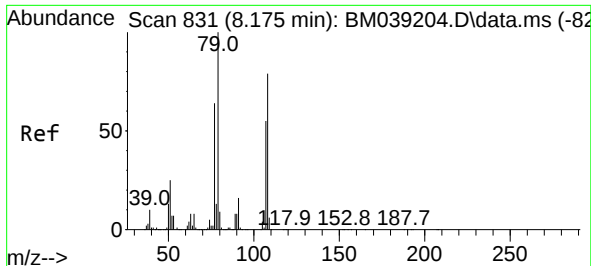
Tgt Ion:146 Resp: 1233806
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 40.4 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 47.680 ng
RT: 8.269 min Scan# 847
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:146 Resp: 1182769
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
111 42.6 34.5 51.7

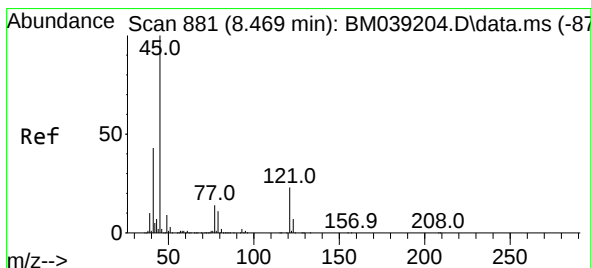
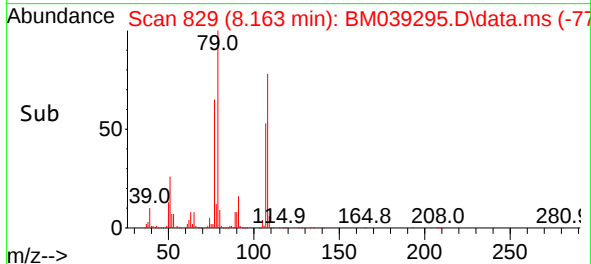
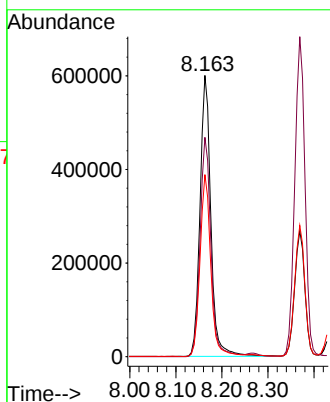
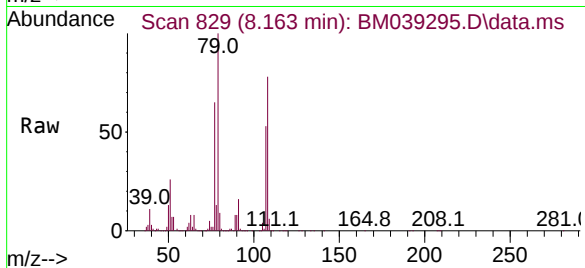




#15
Benzyl Alcohol
Concen: 46.512 ng
RT: 8.163 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

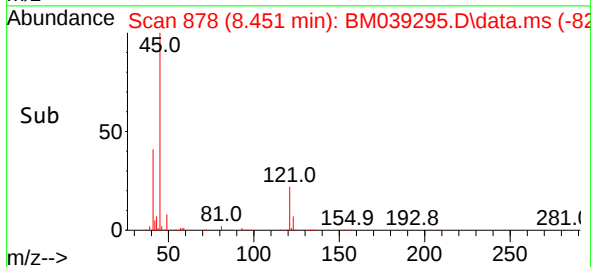
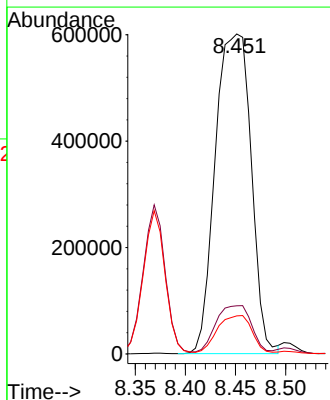
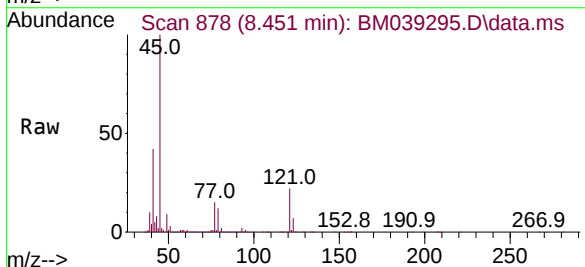
Instrument :
BNA_M
ClientSampleId :
PB151761BS

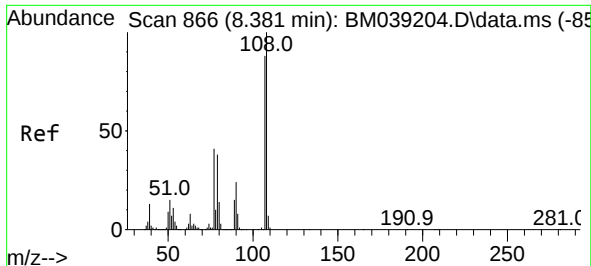
Tgt Ion: 79 Resp: 978033
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 64.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.429 ng
RT: 8.451 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 45 Resp: 1495241
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.1
79 11.9 0.0 32.2

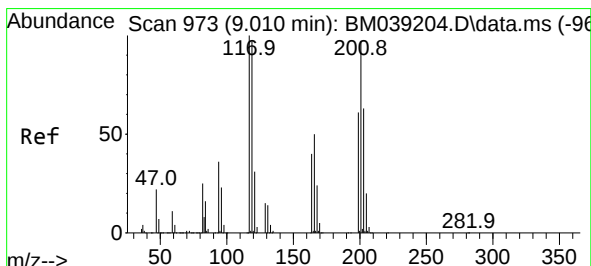
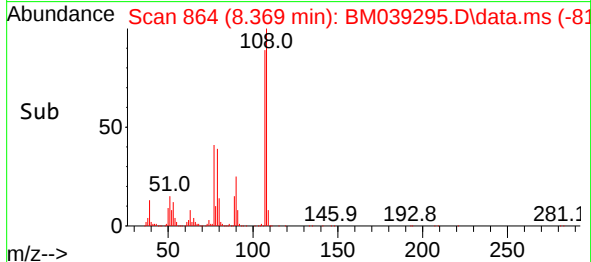
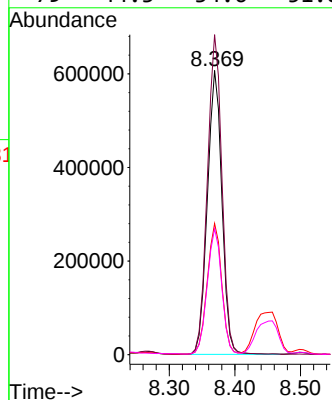
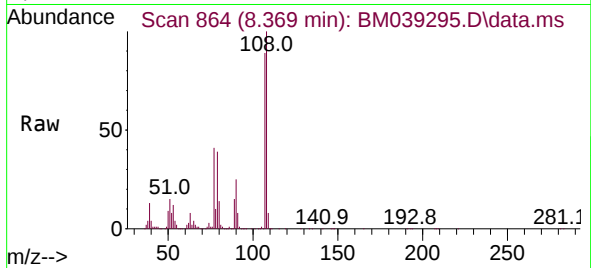




#17
2-Methylphenol
Concen: 43.358 ng
RT: 8.369 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

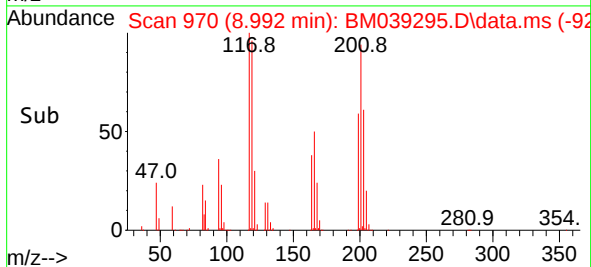
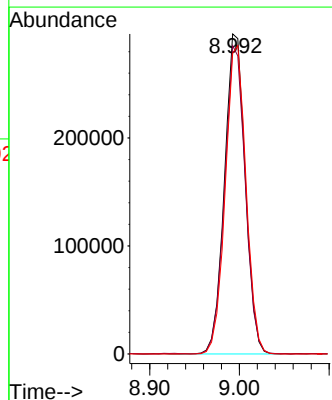
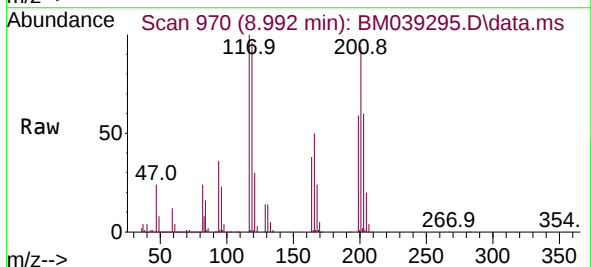
Instrument :
BNA_M
ClientSampleId :
PB151761BS

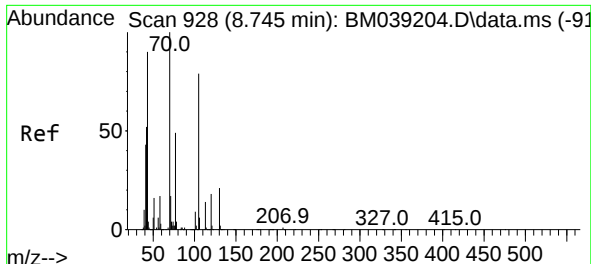
Tgt Ion:	107	Resp:	929381
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	136.0
77	46.2	37.0	55.4
79	44.3	34.6	51.8



#18
Hexachloroethane
Concen: 47.697 ng
RT: 8.992 min Scan# 970
Delta R.T. -0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:	117	Resp:	478642
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.8
201	93.9	77.3	115.9

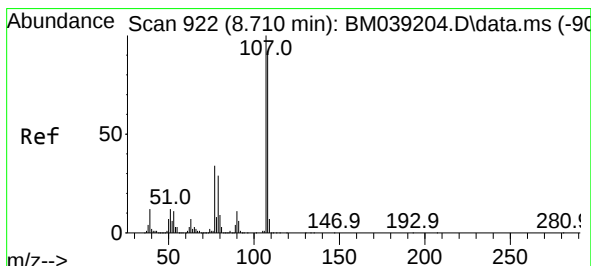
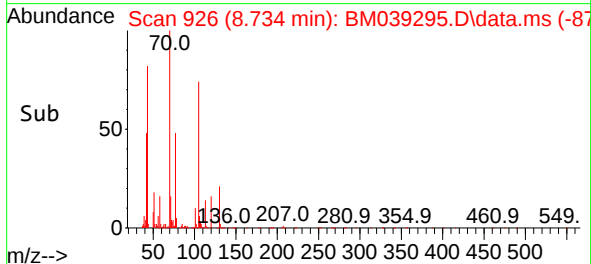
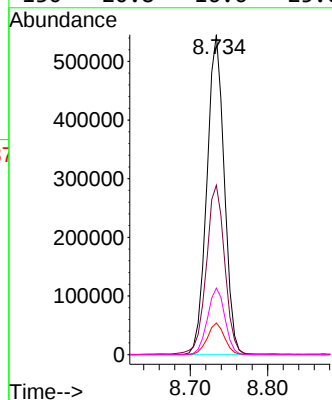
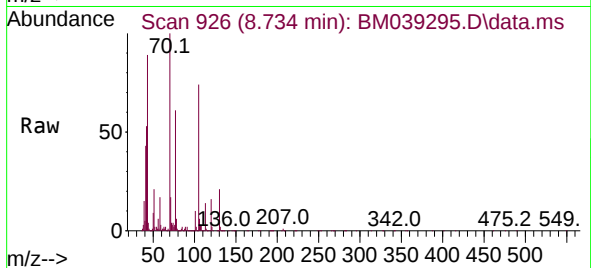




#19
n-Nitroso-di-n-propylamine
Concen: 43.277 ng
RT: 8.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

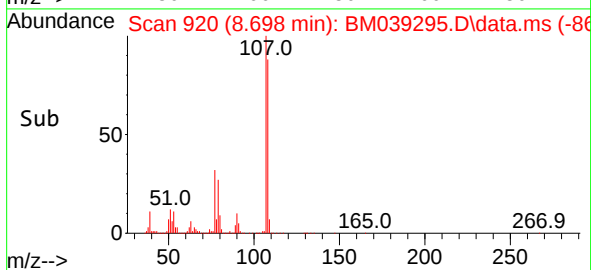
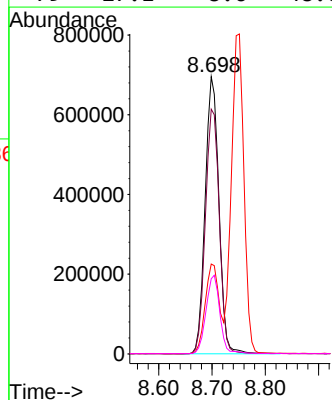
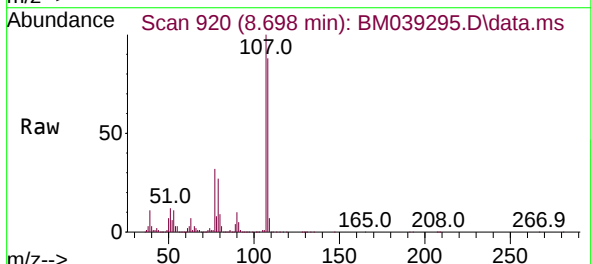
Instrument :
BNA_M
ClientSampleId :
PB151761BS

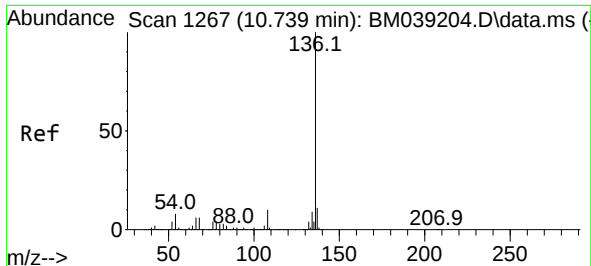
Tgt Ion: 70 Resp: 845771
Ion Ratio Lower Upper
70 100
42 52.9 42.2 63.2
101 9.9 7.6 11.4
130 20.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.230 ng
RT: 8.698 min Scan# 920
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 107 Resp: 1245187
Ion Ratio Lower Upper
107 100
108 88.3 72.1 112.1
77 32.4 13.7 53.7
79 27.1 8.6 48.6



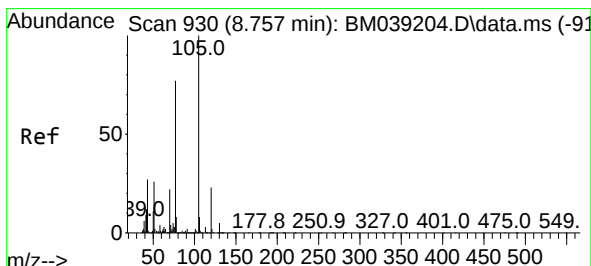
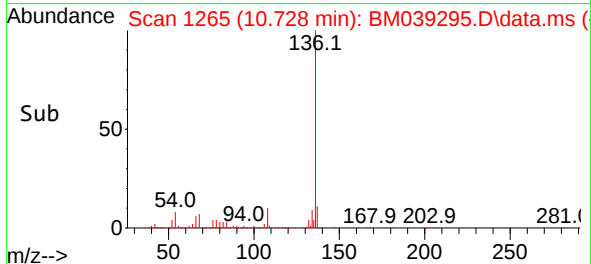
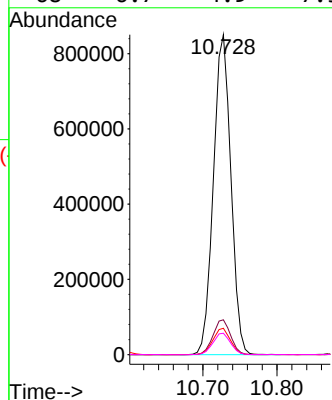
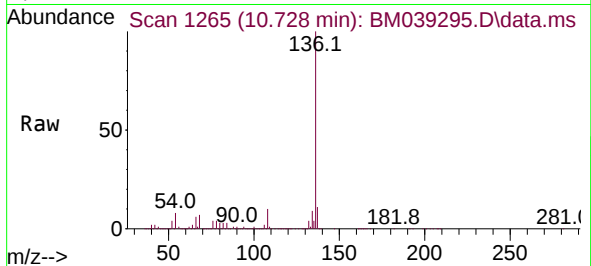


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Instrument :
BNA_M
ClientSampleId :
PB151761BS

Tgt Ion:136 Resp: 1391510

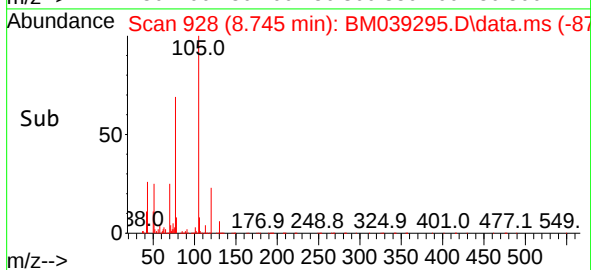
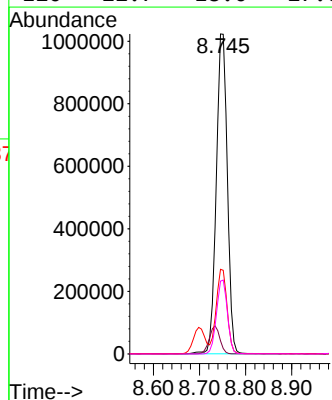
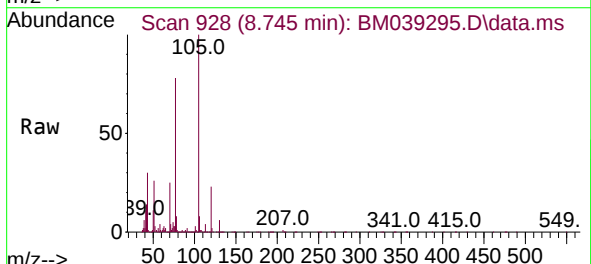
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.2	9.4
68	6.7	4.9	7.3

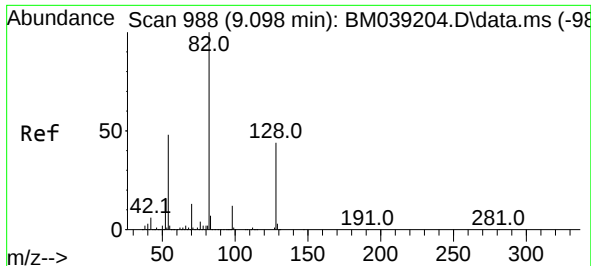


#22
Acetophenone
Concen: 45.690 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:105 Resp: 1699898

Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.8	4.2
51	26.4	20.6	31.0
120	22.7	18.0	27.0

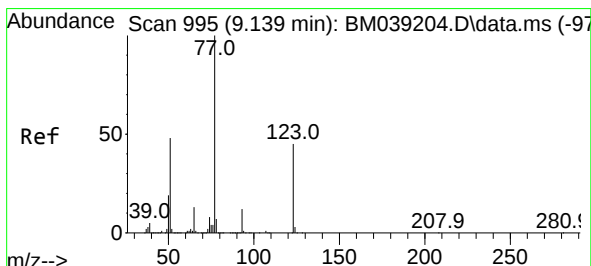
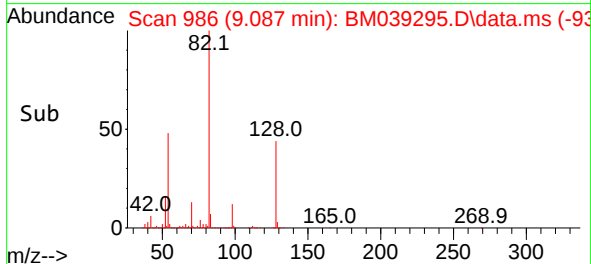
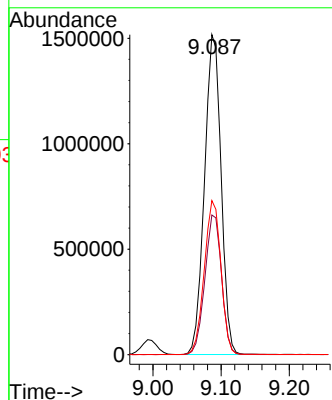
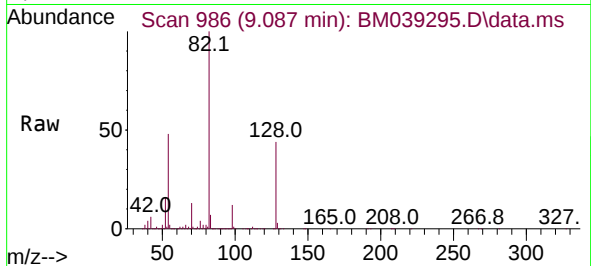




#23
Nitrobenzene-d5
Concen: 89.791 ng
RT: 9.087 min Scan# 986
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

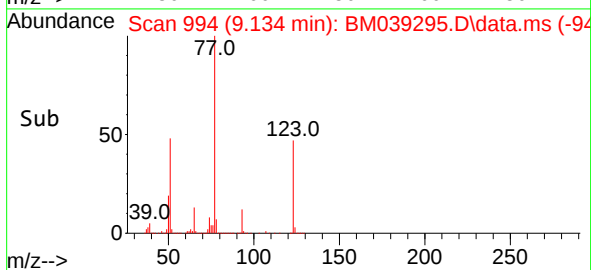
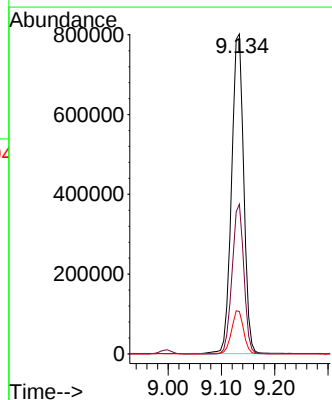
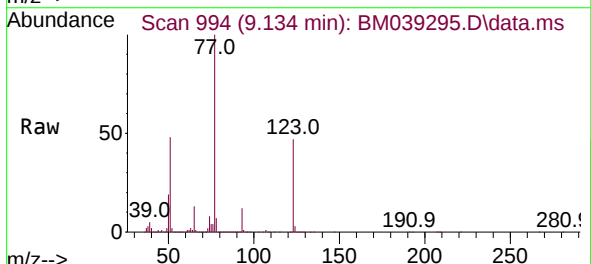
Instrument :
BNA_M
ClientSampleId :
PB151761BS

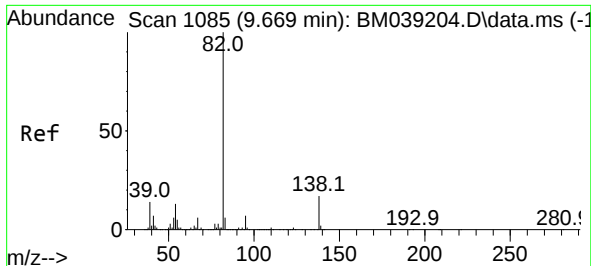
Tgt Ion: 82 Resp: 2570761
Ion Ratio Lower Upper
82 100
128 43.6 35.1 52.7
54 48.1 38.5 57.7



#24
Nitrobenzene
Concen: 44.613 ng
RT: 9.134 min Scan# 994
Delta R.T. 0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 77 Resp: 1270473
Ion Ratio Lower Upper
77 100
123 46.8 36.2 54.2
65 13.2 10.6 15.8

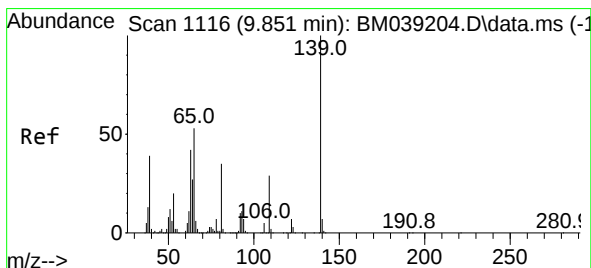
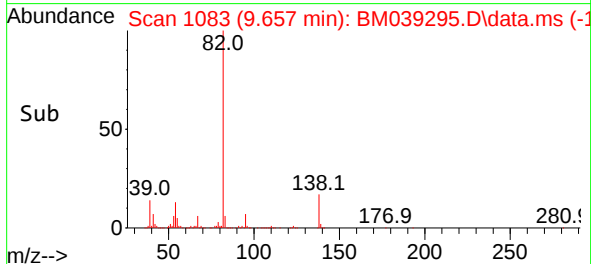
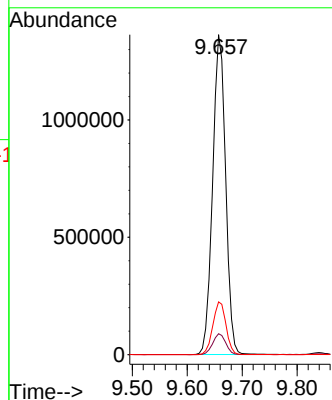
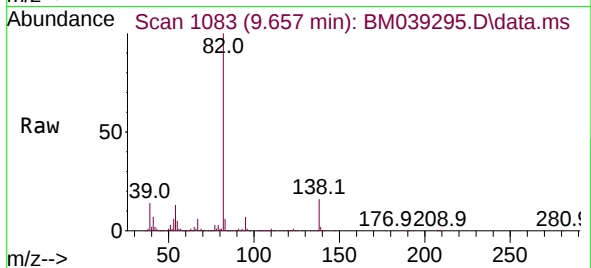




#25
Isophorone
Concen: 41.860 ng
RT: 9.657 min Scan# 1083
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

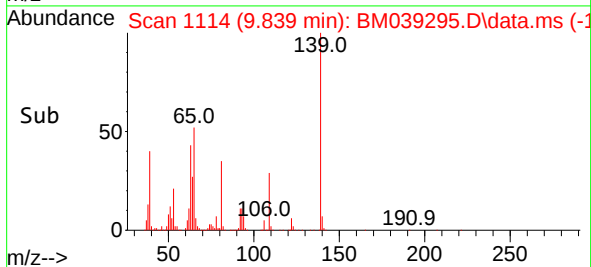
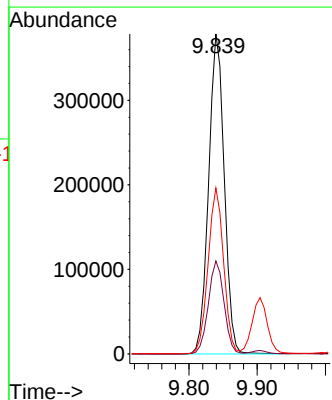
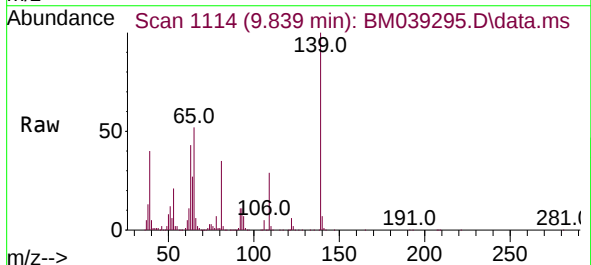
Instrument :
BNA_M
ClientSampleId :
PB151761BS

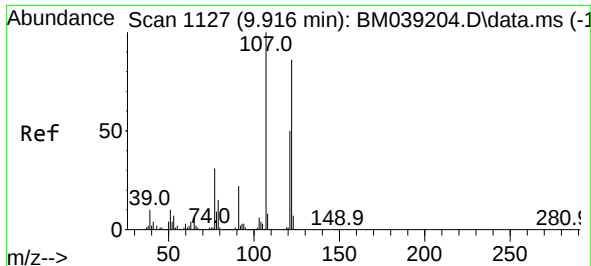
Tgt Ion: 82 Resp: 2235833
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.5 13.5 20.3



#26
2-Nitrophenol
Concen: 45.671 ng
RT: 9.839 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 139 Resp: 601216
Ion Ratio Lower Upper
139 100
109 29.0 23.4 35.0
65 51.9 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 45.032 ng

RT: 9.904 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

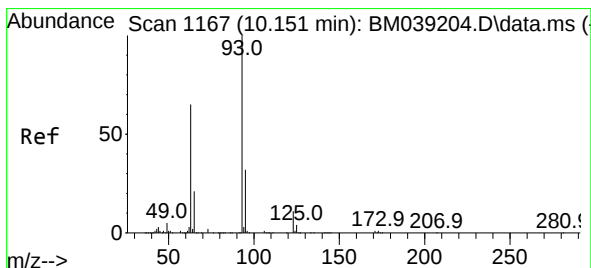
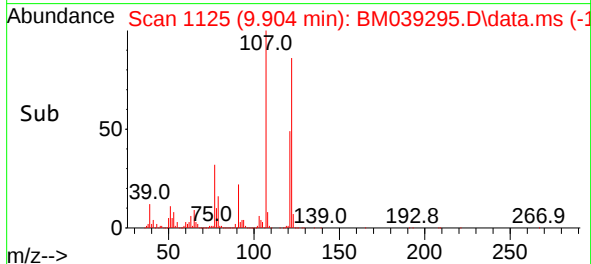
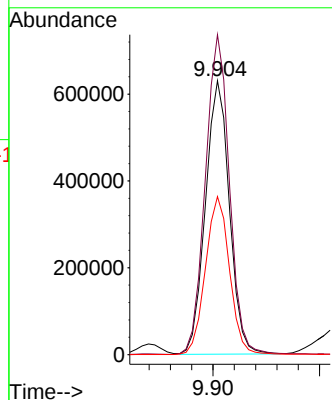
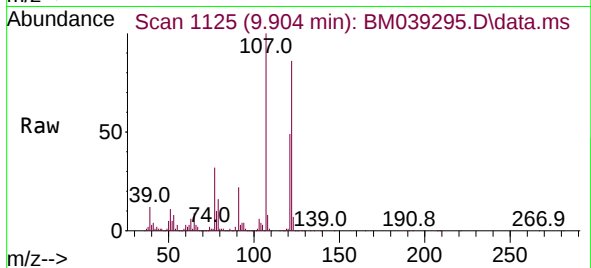
Tgt Ion:122 Resp: 984961

Ion Ratio Lower Upper

122 100

107 116.9 92.3 138.5

121 57.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.359 ng

RT: 10.139 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

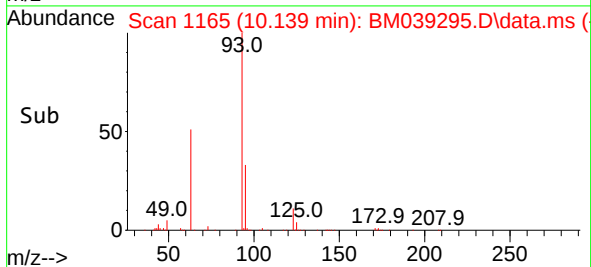
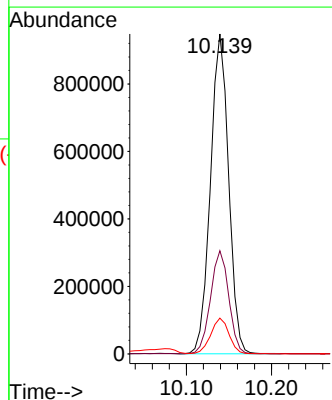
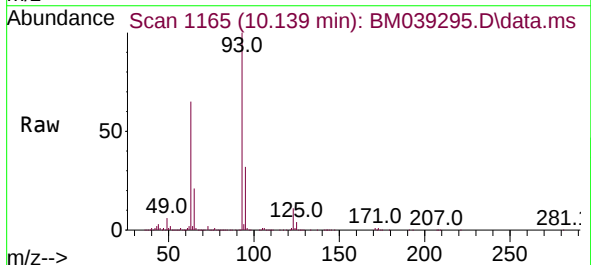
Tgt Ion: 93 Resp: 1401909

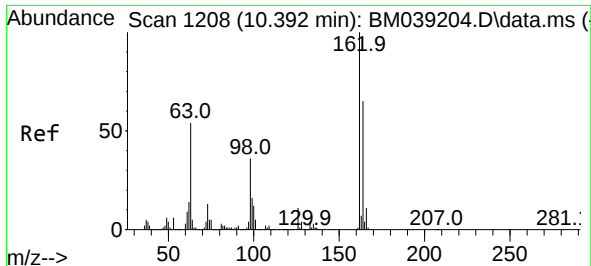
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.943 ng

RT: 10.381 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

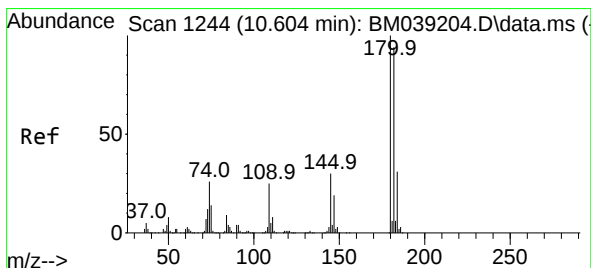
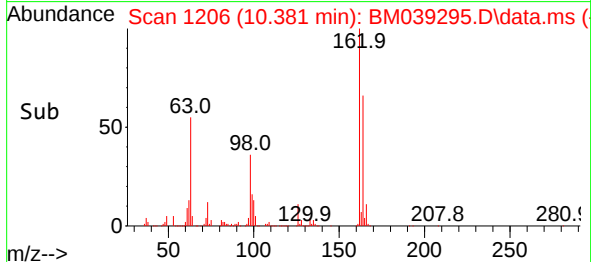
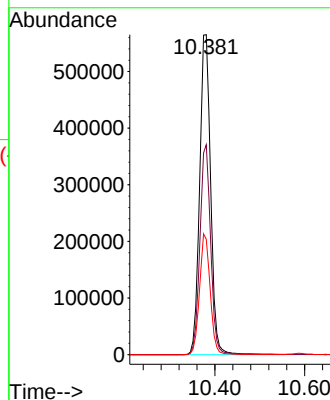
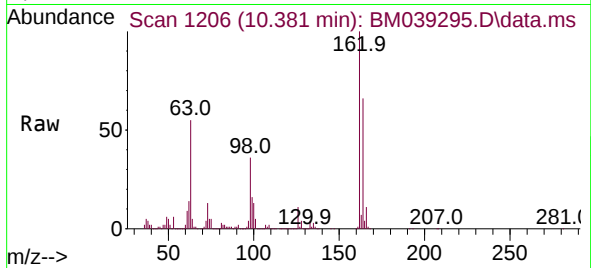
Tgt Ion:162 Resp: 959102

Ion Ratio Lower Upper

162 100

164 65.6 44.8 84.8

98 36.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 45.642 ng

RT: 10.586 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

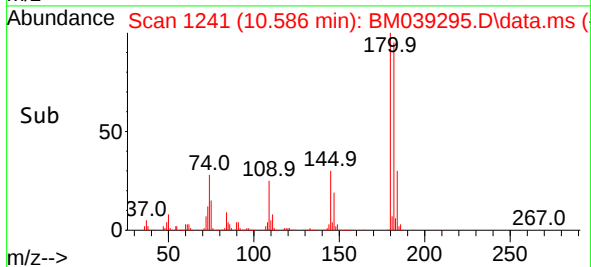
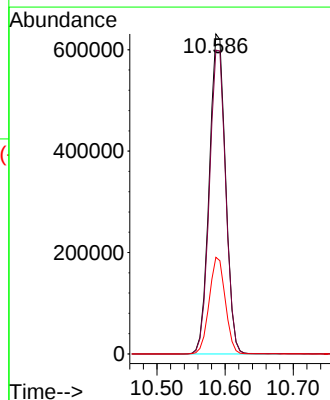
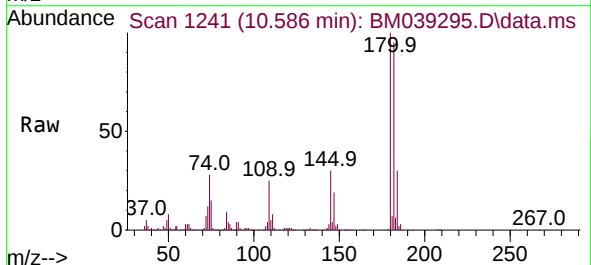
Tgt Ion:180 Resp: 1042048

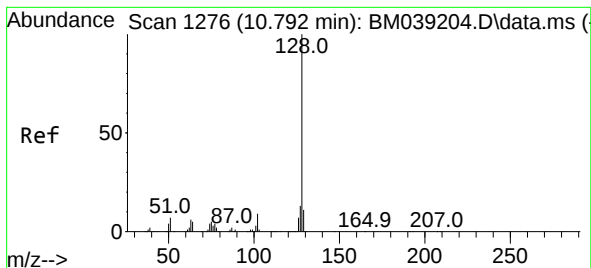
Ion Ratio Lower Upper

180 100

182 94.9 75.2 112.8

145 30.2 23.9 35.9





#31

Naphthalene

Concen: 43.802 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

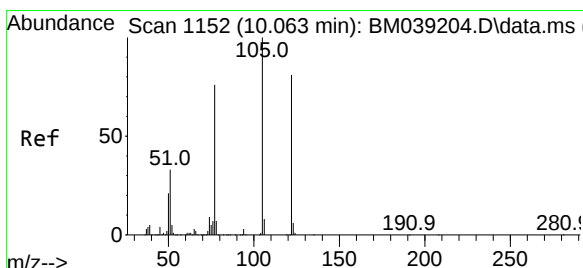
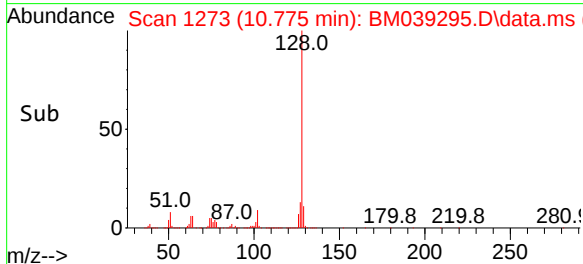
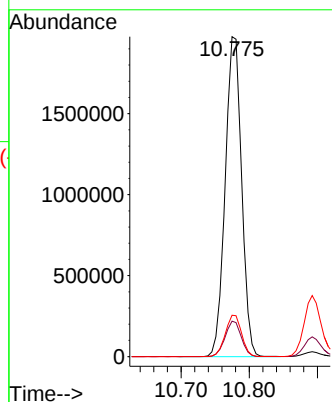
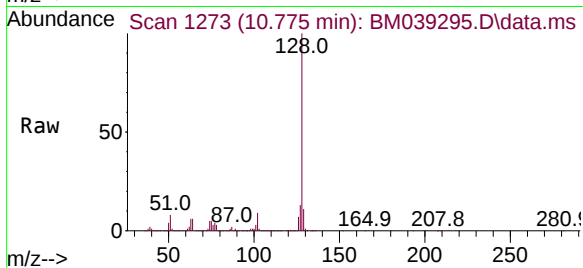
Tgt Ion:128 Resp: 3284219

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 40.913 ng

RT: 10.081 min Scan# 1155

Delta R.T. 0.029 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

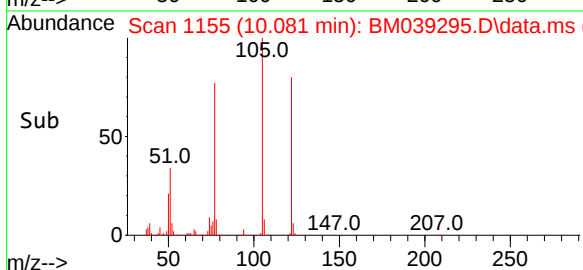
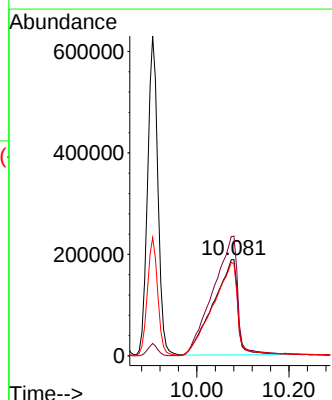
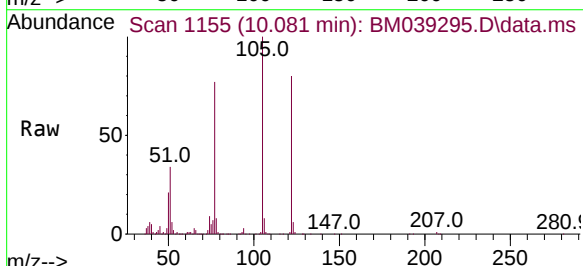
Tgt Ion:122 Resp: 697452

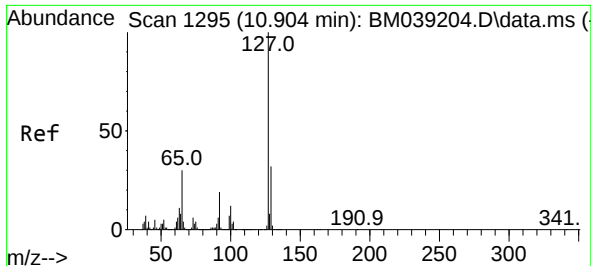
Ion Ratio Lower Upper

122 100

105 124.4 103.1 143.1

77 95.7 74.6 114.6



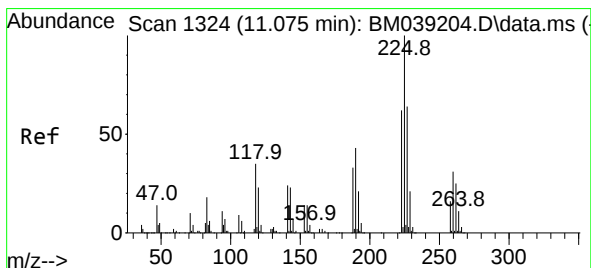
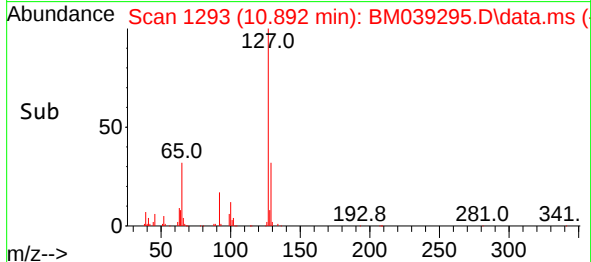
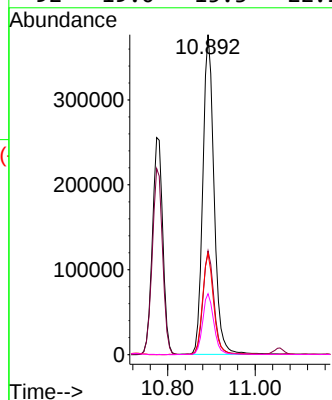
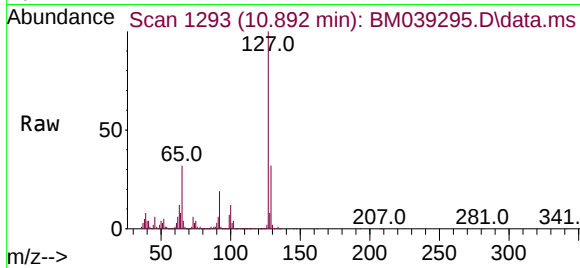


#33
4-Chloroaniline
Concen: 20.343 ng
RT: 10.892 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Instrument :
BNA_M
ClientSampleId :
PB151761BS

Tgt Ion:127 Resp: 668228

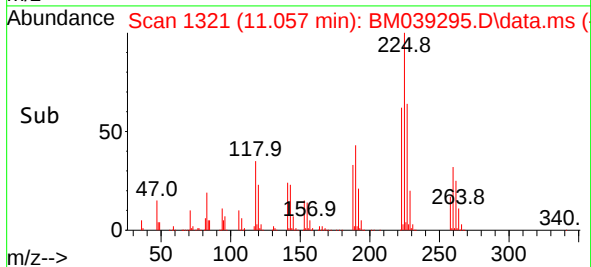
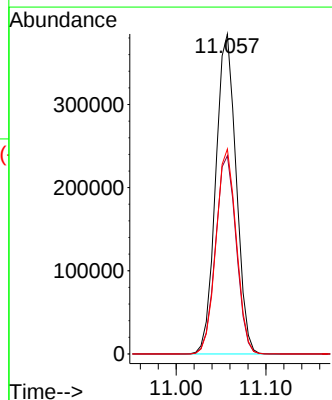
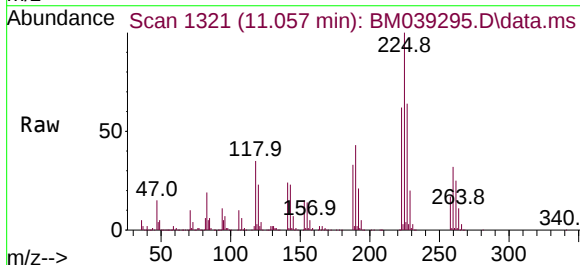
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	31.6	24.1	36.1
92	19.0	15.3	22.9

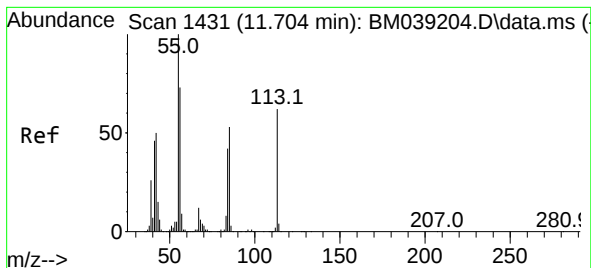


#34
Hexachlorobutadiene
Concen: 45.306 ng
RT: 11.057 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:225 Resp: 608223

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.6
227	64.0	51.6	77.4

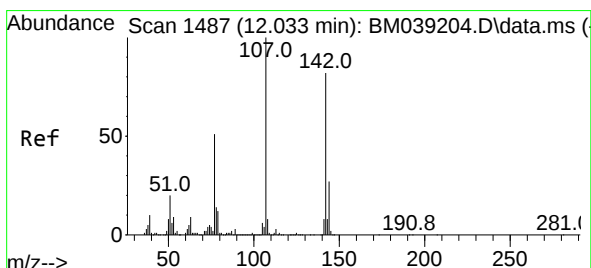
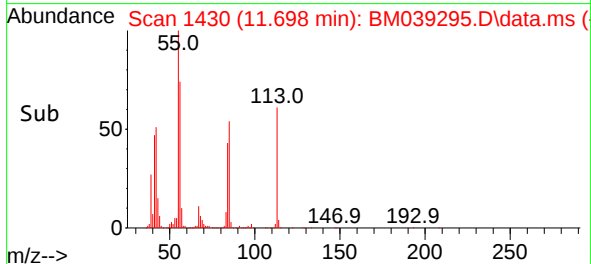
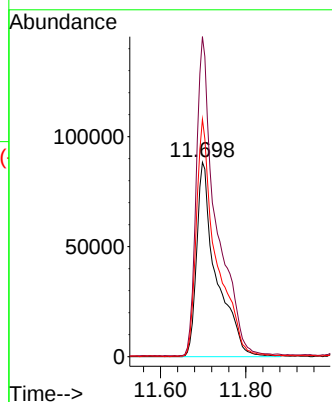
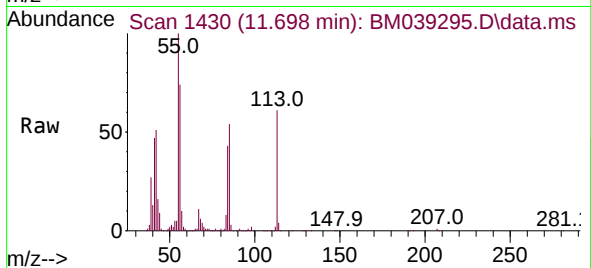




#35
Caprolactam
Concen: 37.996 ng
RT: 11.698 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

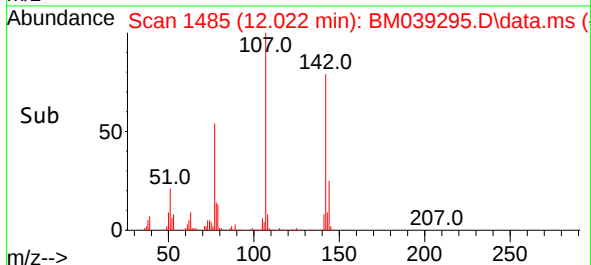
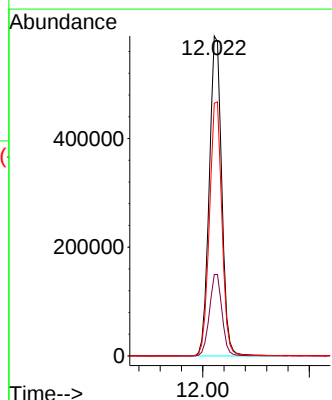
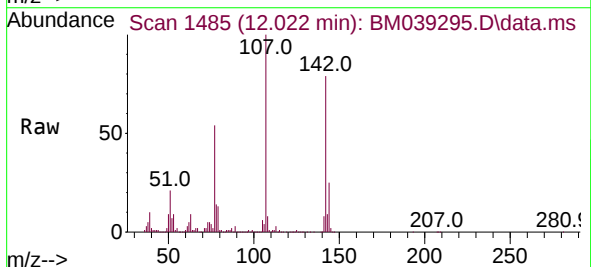
Instrument :
BNA_M
ClientSampleId :
PB151761BS

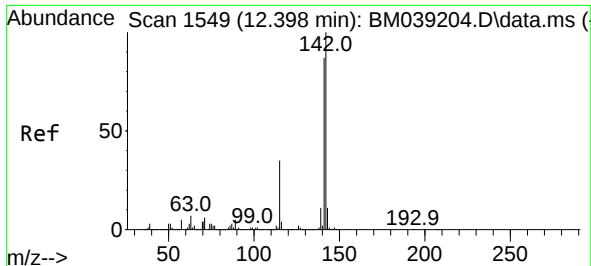
Tgt Ion:113 Resp: 281543
Ion Ratio Lower Upper
113 100
55 164.7 141.8 181.8
56 122.1 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 40.638 ng
RT: 12.022 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:107 Resp: 956822
Ion Ratio Lower Upper
107 100
144 25.4 21.4 32.2
142 78.9 65.2 97.8

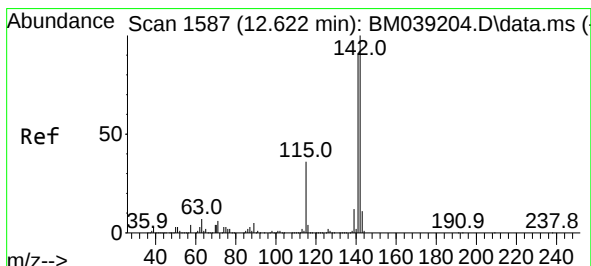
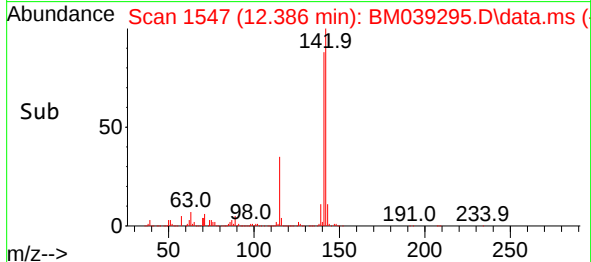
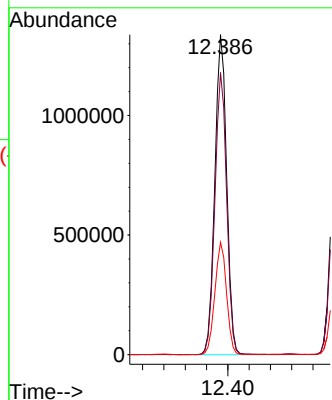
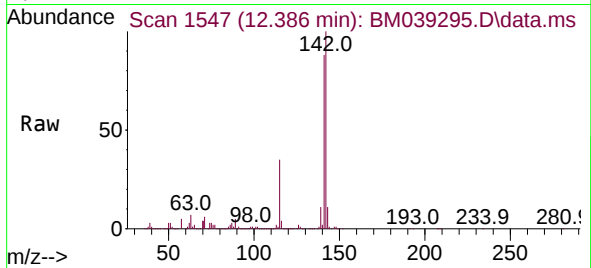




#37
2-Methylnaphthalene
Concen: 39.602 ng
RT: 12.386 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

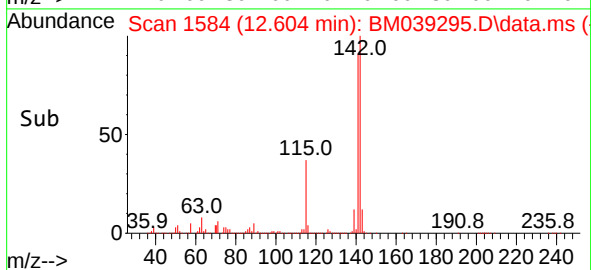
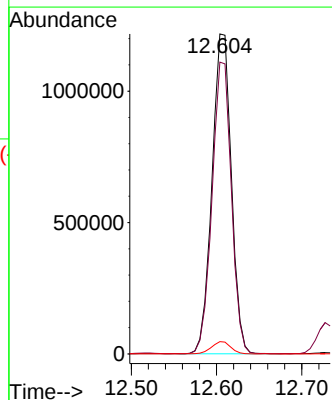
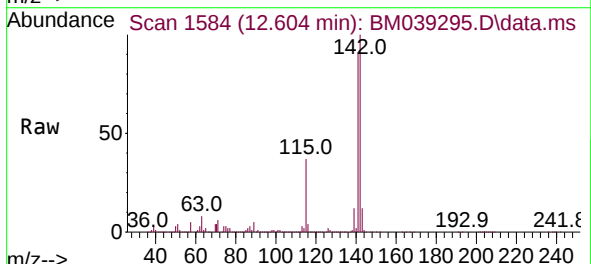
Instrument :
BNA_M
ClientSampleId :
PB151761BS

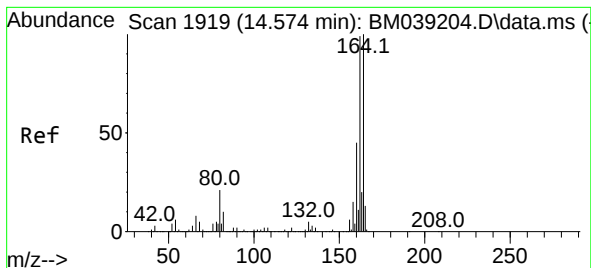
Tgt Ion:142 Resp: 2067114
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.8
115 35.1 27.8 41.8



#38
1-Methylnaphthalene
Concen: 39.259 ng
RT: 12.604 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:142 Resp: 1918775
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

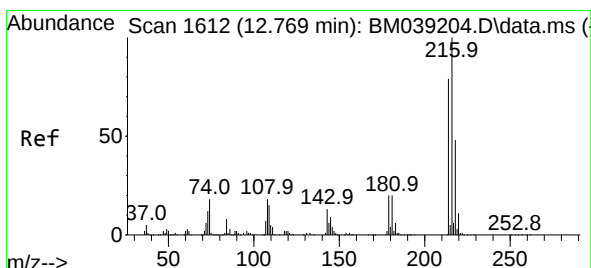
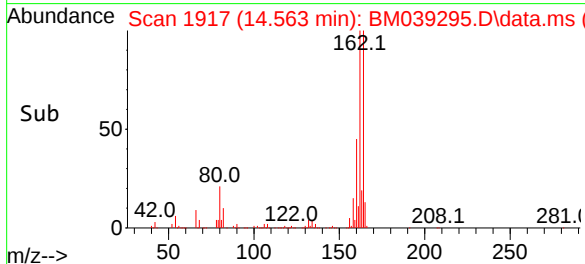
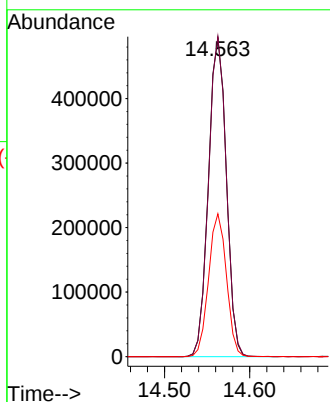
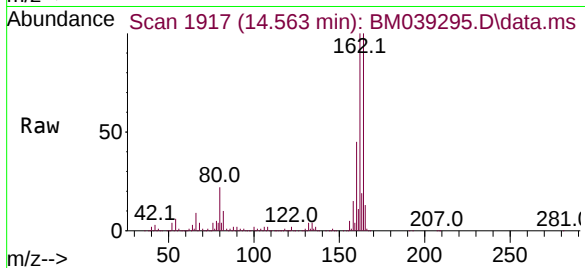
Tgt Ion:164 Resp: 722598

Ion Ratio Lower Upper

164 100

162 100.5 79.1 118.7

160 44.8 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.196 ng

RT: 12.757 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Tgt Ion:216 Resp: 1060330

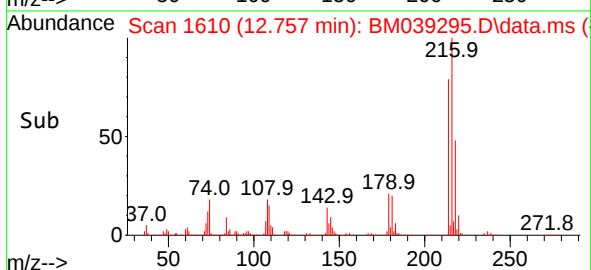
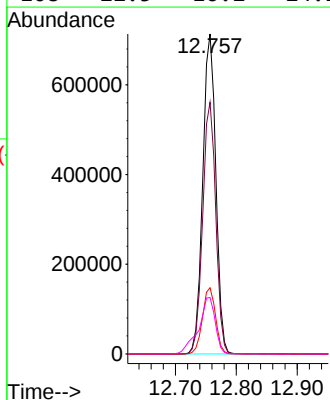
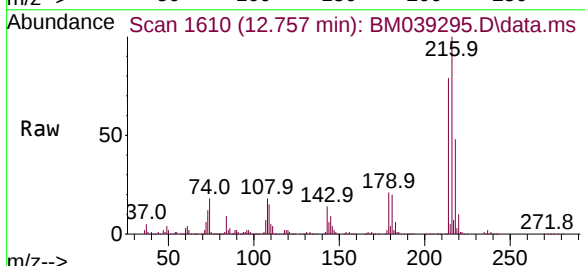
Ion Ratio Lower Upper

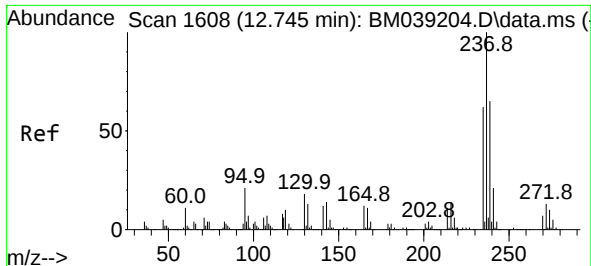
216 100

214 78.7 62.8 94.2

179 20.7 16.8 25.2

108 22.5 16.2 24.2

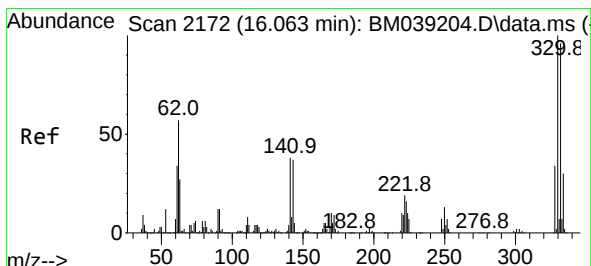
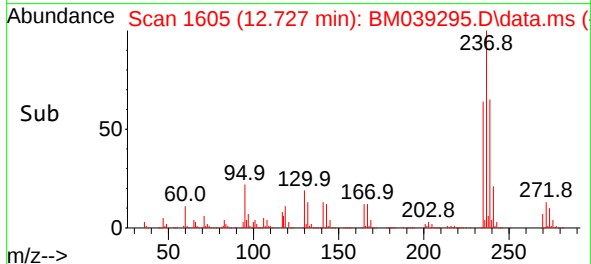
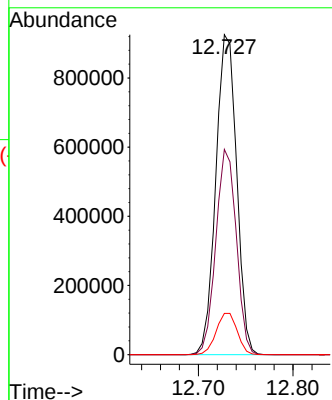
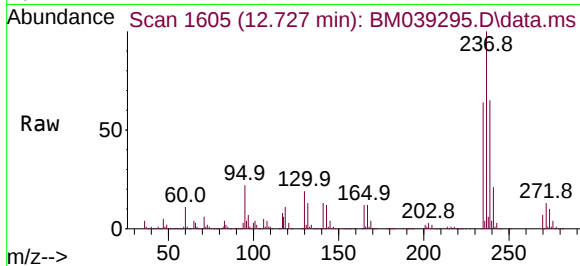




#41
Hexachlorocyclopentadiene
Concen: 117.652 ng
RT: 12.727 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

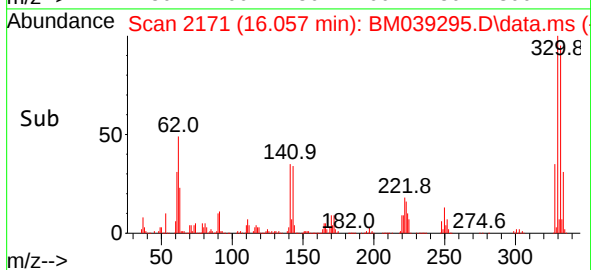
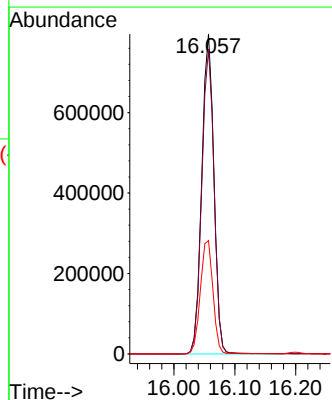
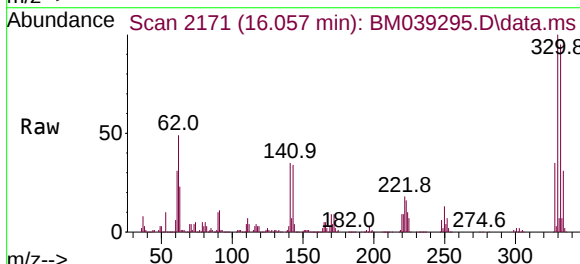
Instrument :
BNA_M
ClientSampleId :
PB151761BS

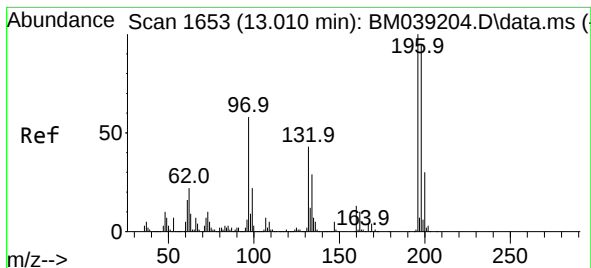
Tgt Ion:237 Resp: 1414077
Ion Ratio Lower Upper
237 100
235 64.1 41.6 81.6
272 12.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 119.606 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:330 Resp: 1097103
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 36.9 29.8 44.6

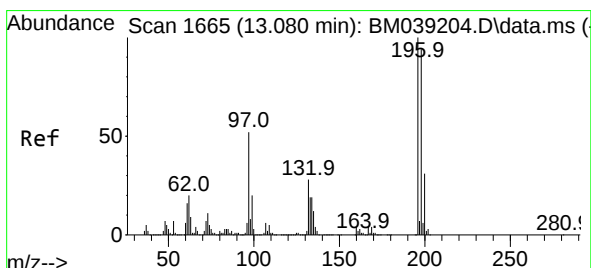
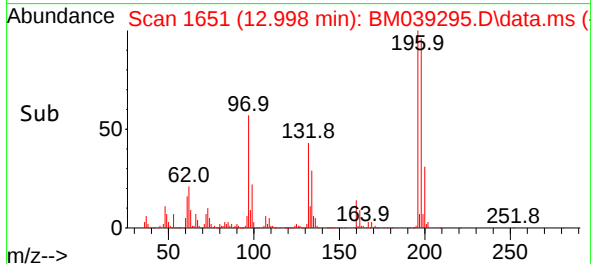
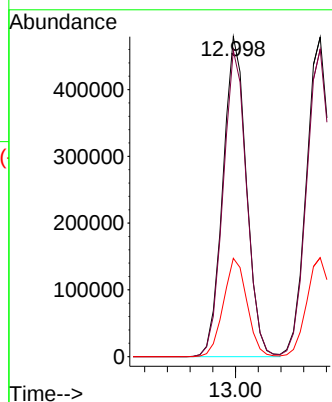
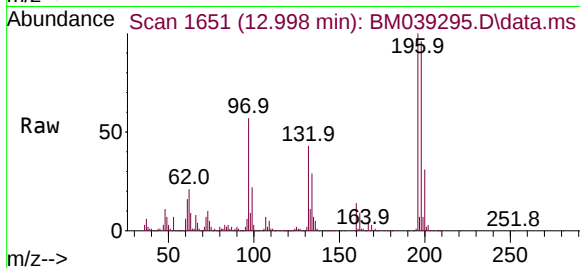




#43
2,4,6-Trichlorophenol
Concen: 45.984 ng
RT: 12.998 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

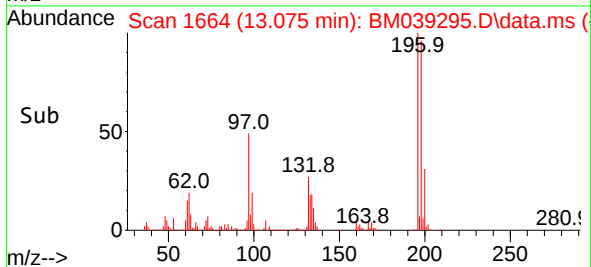
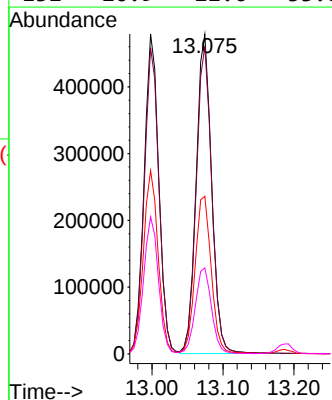
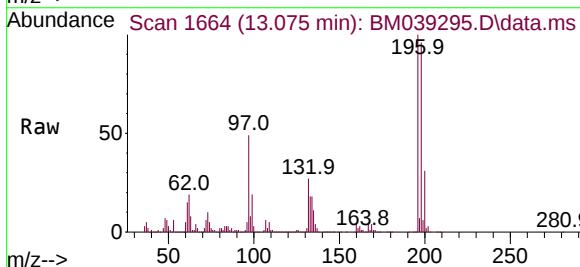
Instrument :
BNA_M
ClientSampleId :
PB151761BS

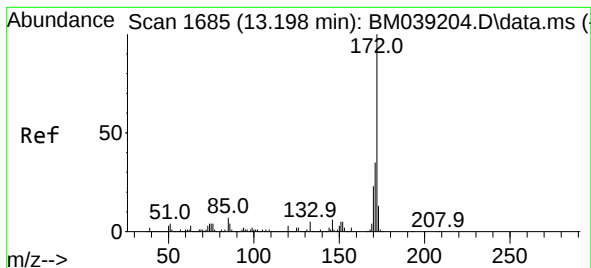
Tgt Ion:196 Resp: 689950
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.2
200 30.7 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 41.111 ng
RT: 13.075 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:196 Resp: 723123
Ion Ratio Lower Upper
196 100
198 96.3 75.2 112.8
97 49.4 41.4 62.0
132 26.9 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 89.854 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

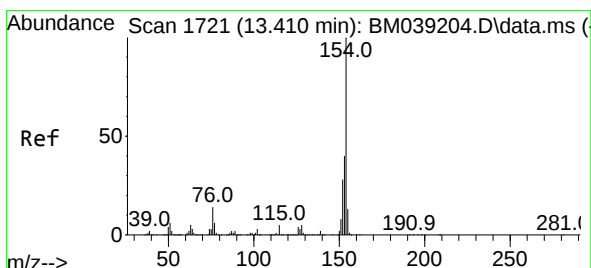
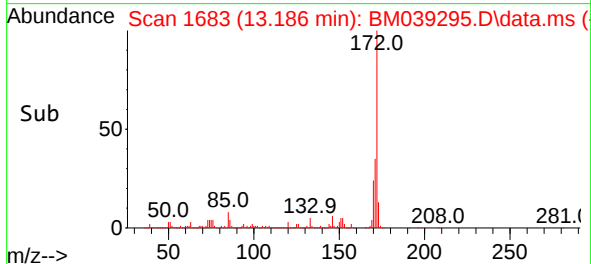
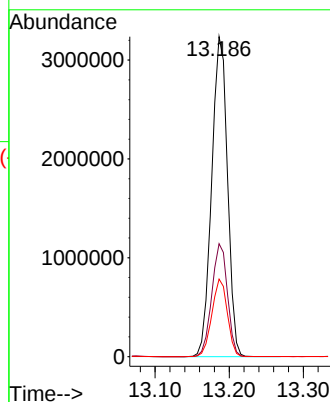
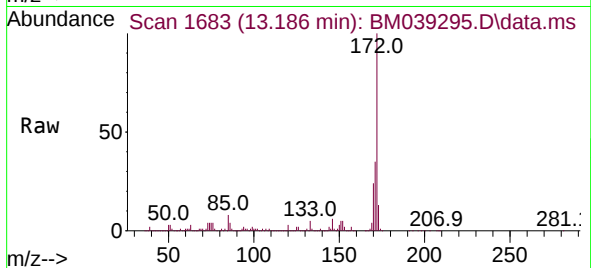
Tgt Ion:172 Resp: 4792076

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 24.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 46.052 ng

RT: 13.398 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

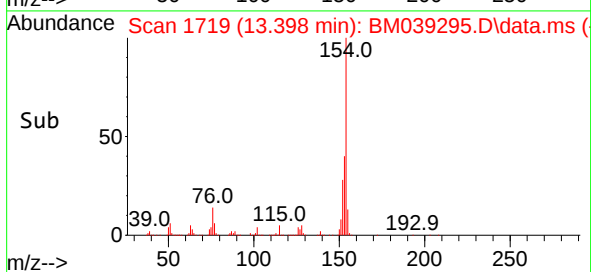
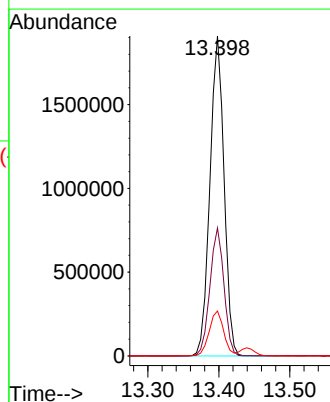
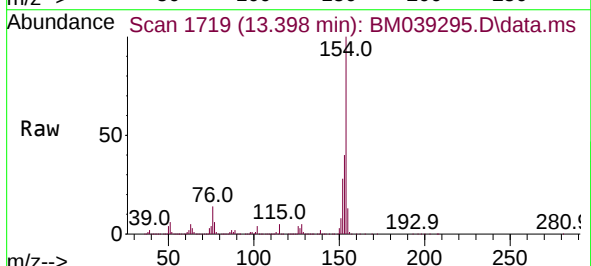
Tgt Ion:154 Resp: 2627792

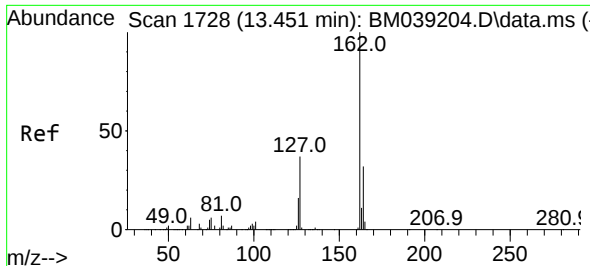
Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 14.0 0.0 33.5

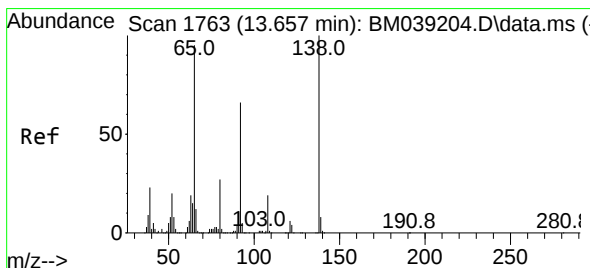
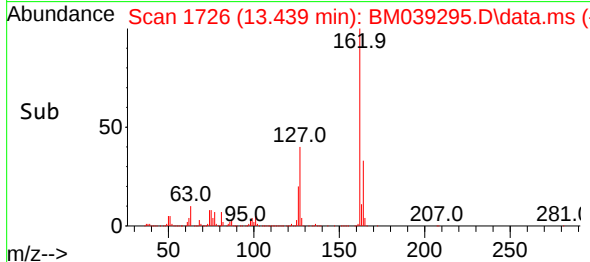
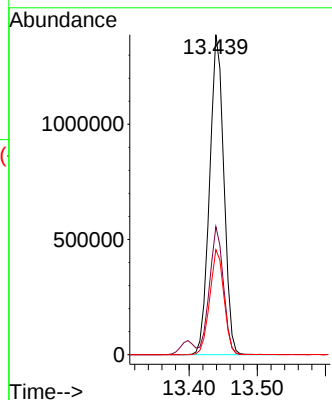
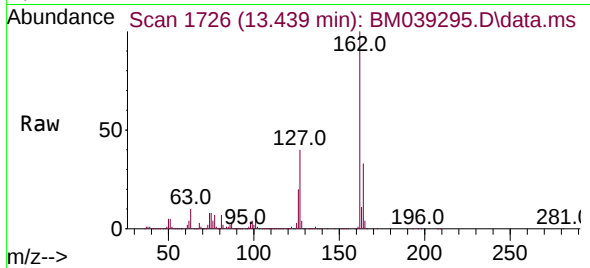




#47
2-Chloronaphthalene
Concen: 46.586 ng
RT: 13.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

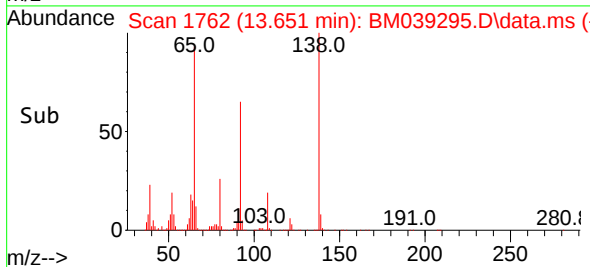
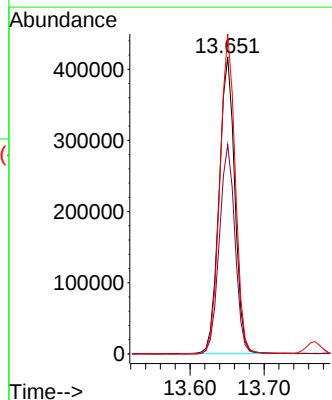
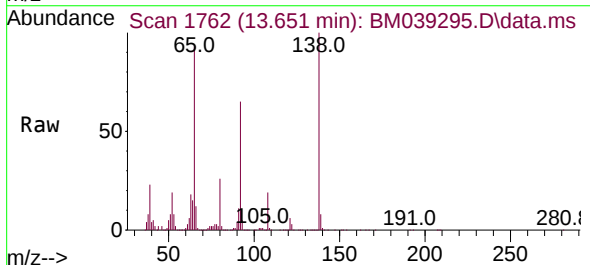
Instrument :
BNA_M
ClientSampleId :
PB151761BS

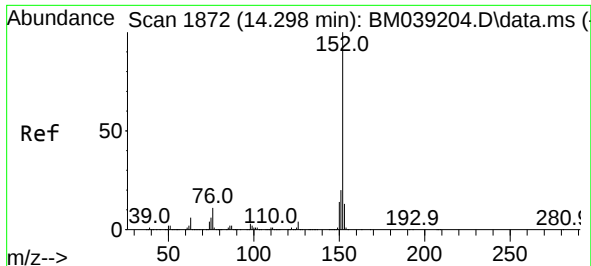
Tgt Ion:162 Resp: 2012787
Ion Ratio Lower Upper
162 100
127 40.0 31.4 47.0
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 42.204 ng
RT: 13.651 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion: 65 Resp: 613625
Ion Ratio Lower Upper
65 100
92 70.4 55.7 83.5
138 107.7 84.5 126.7

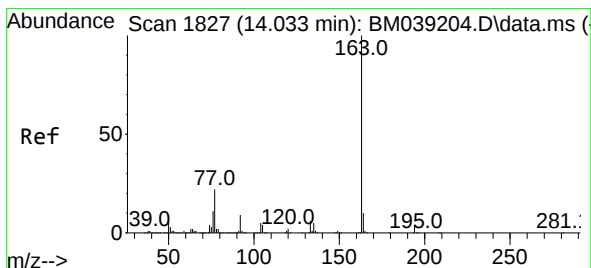
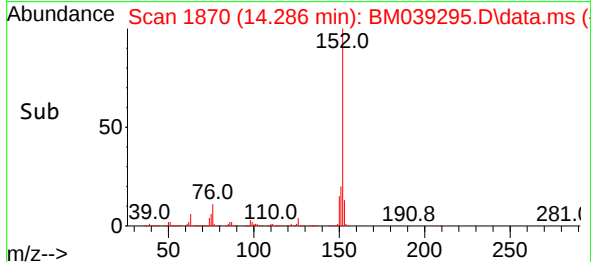
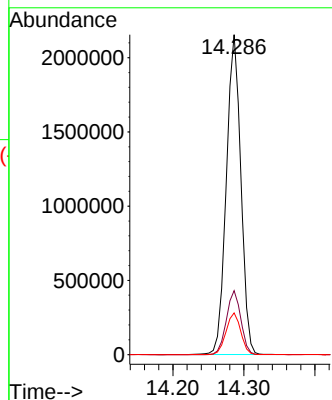
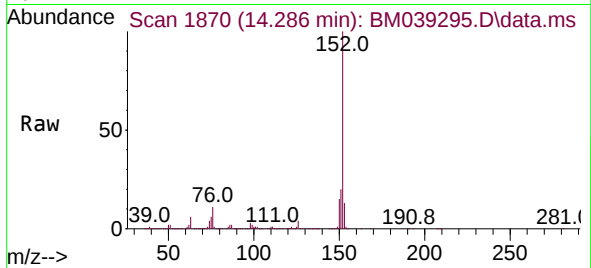




#49
Acenaphthylene
Concen: 43.196 ng
RT: 14.286 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

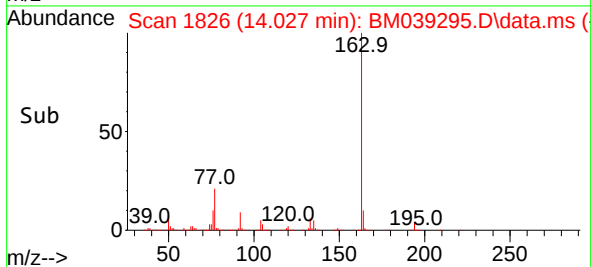
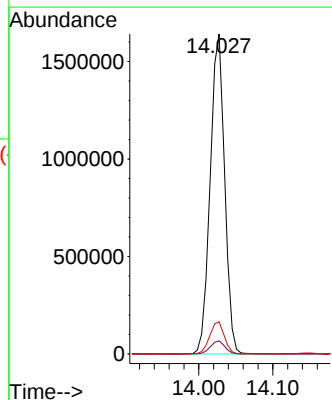
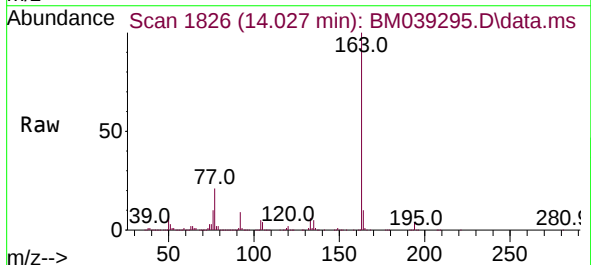
Instrument :
BNA_M
ClientSampleId :
PB151761BS

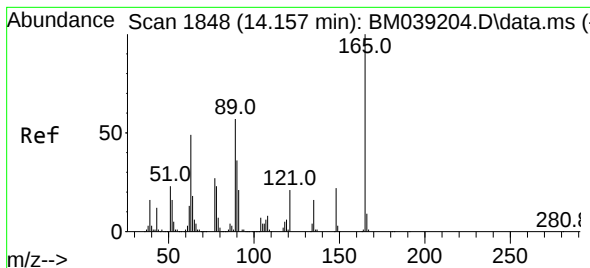
Tgt Ion:152 Resp: 3067333
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.0 10.3 15.5



#50
Dimethylphthalate
Concen: 39.900 ng
RT: 14.027 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:163 Resp: 2221970
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.2 12.2

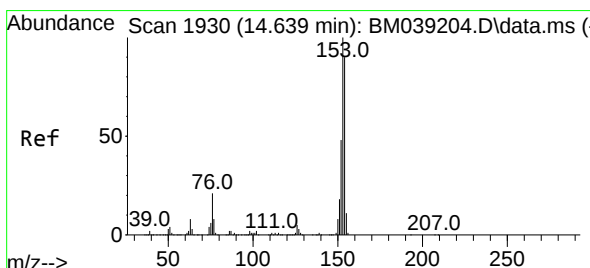
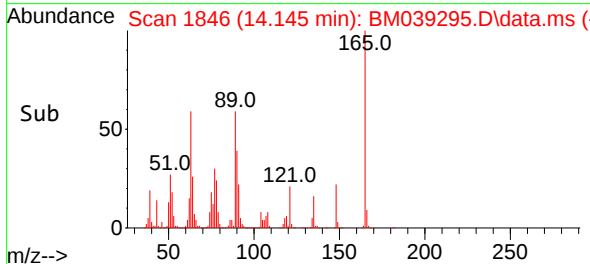
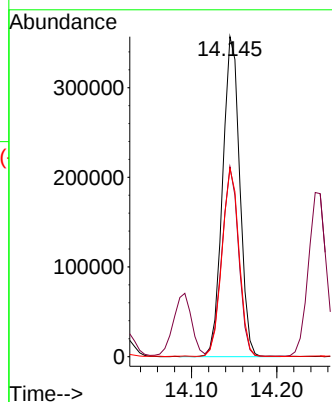
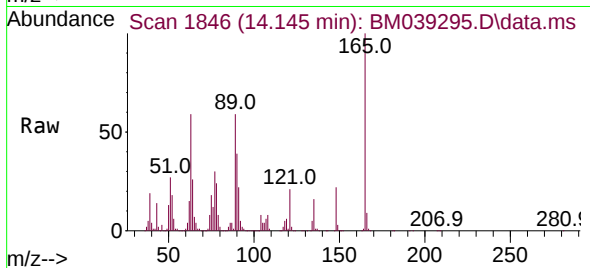




#51
2,6-Dinitrotoluene
Concen: 41.620 ng
RT: 14.145 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

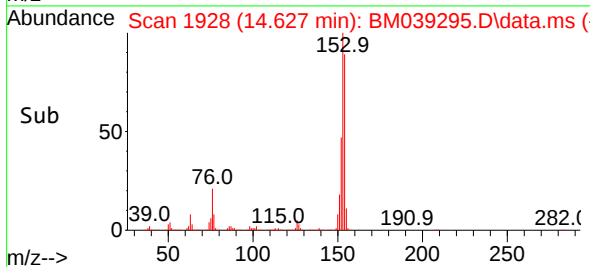
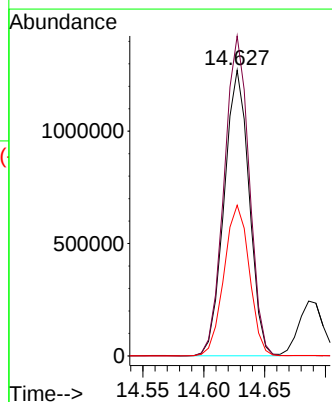
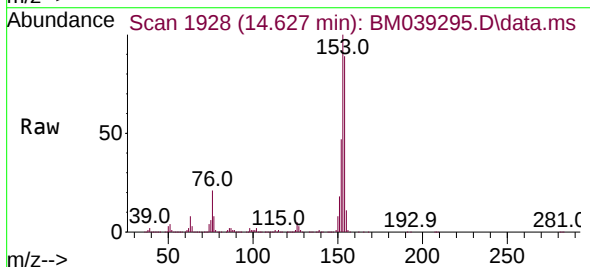
Instrument :
BNA_M
ClientSampleId :
PB151761BS

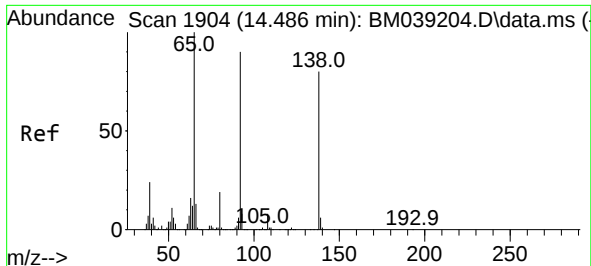
Tgt Ion:165 Resp: 498419
Ion Ratio Lower Upper
165 100
63 59.3 44.9 67.3
89 58.8 45.4 68.0



#52
Acenaphthene
Concen: 43.387 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:154 Resp: 1819241
Ion Ratio Lower Upper
154 100
153 112.0 89.1 133.7
152 52.7 42.6 64.0

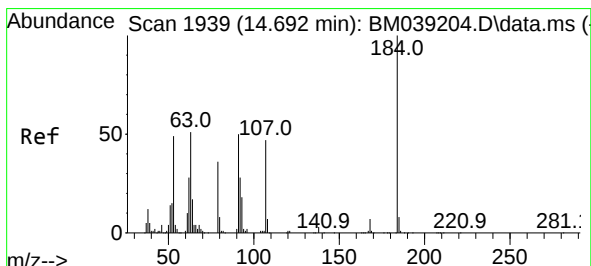
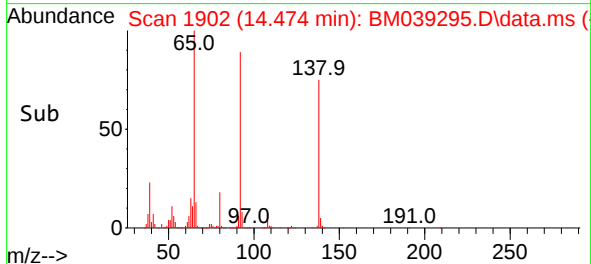
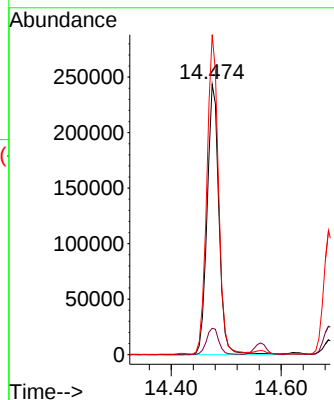
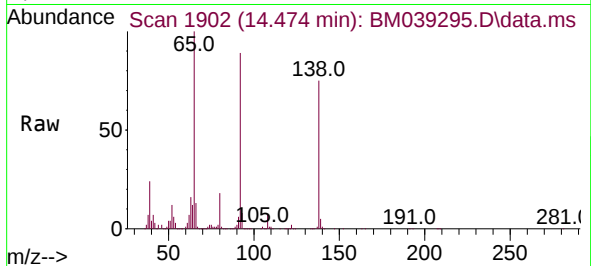




#53
3-Nitroaniline
Concen: 26.191 ng
RT: 14.474 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

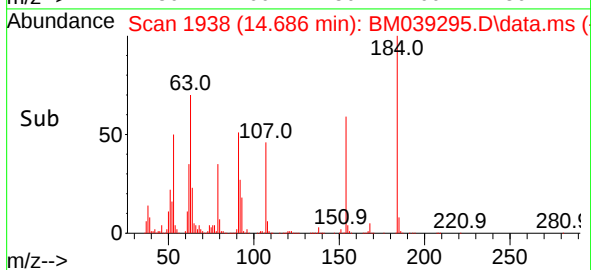
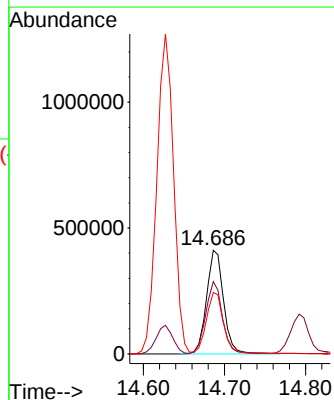
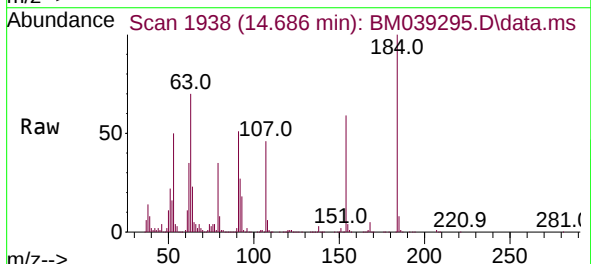
Instrument :
BNA_M
ClientSampleId :
PB151761BS

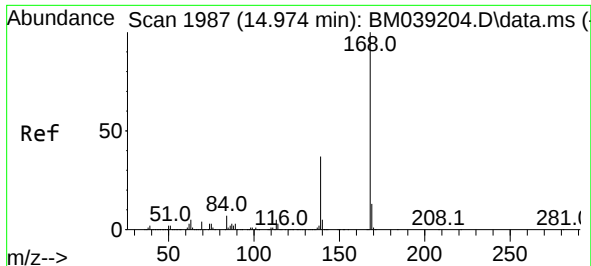
Tgt Ion:138 Resp: 362593
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 118.4 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 84.517 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:184 Resp: 599397
Ion Ratio Lower Upper
184 100
63 69.7 56.4 84.6
154 59.3 48.7 73.1

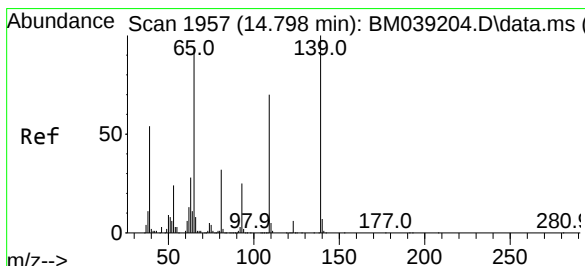
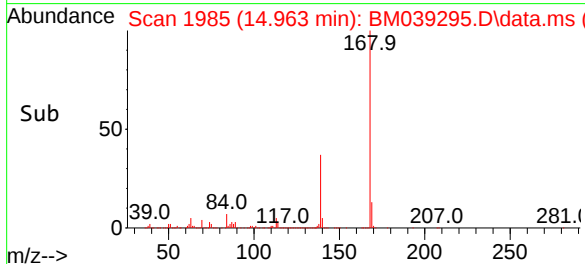
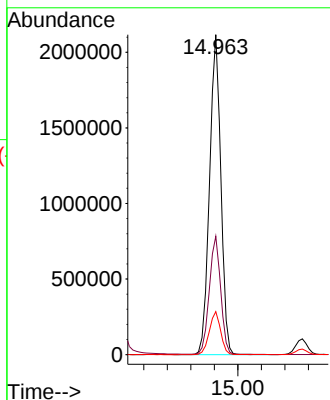
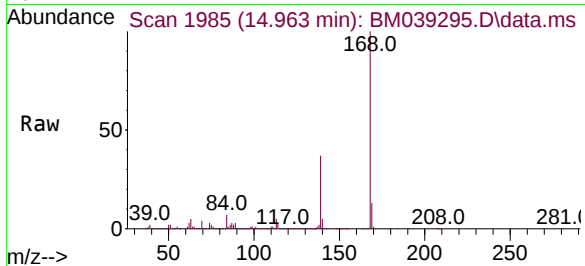




#55
Dibenzenofuran
Concen: 41.801 ng
RT: 14.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

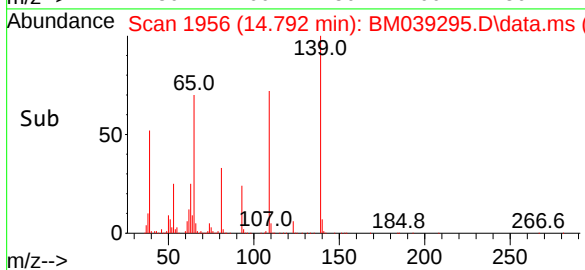
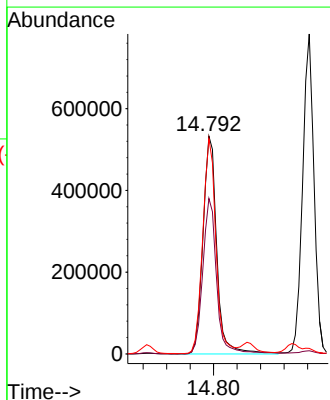
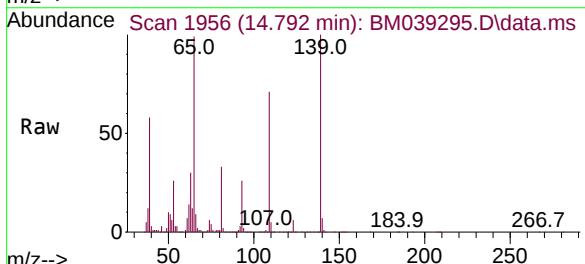
Instrument :
BNA_M
ClientSampleId :
PB151761BS

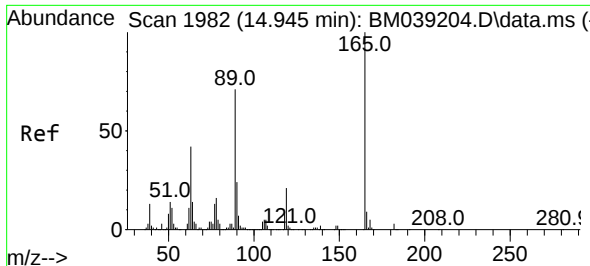
Tgt Ion:168 Resp: 2821792
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 81.234 ng
RT: 14.792 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:139 Resp: 867223
Ion Ratio Lower Upper
139 100
109 71.4 49.6 89.6
65 98.9 72.9 112.9

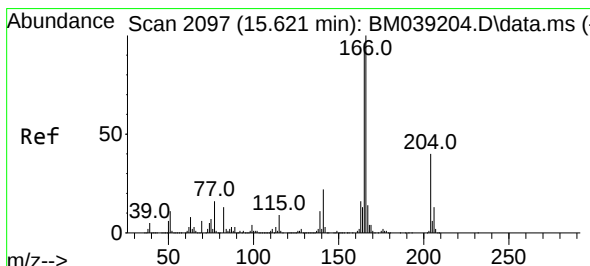
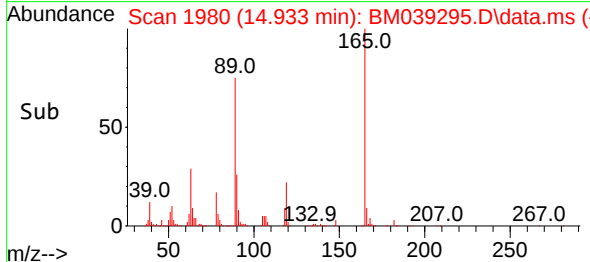
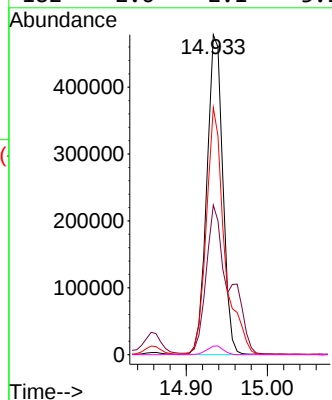
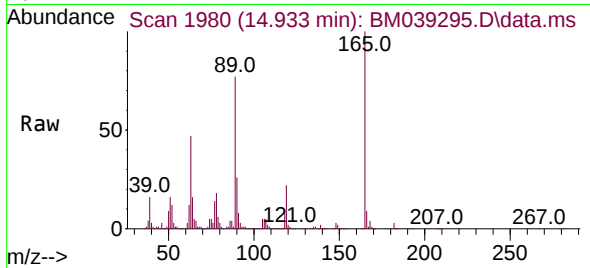




#57
2,4-Dinitrotoluene
Concen: 40.444 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

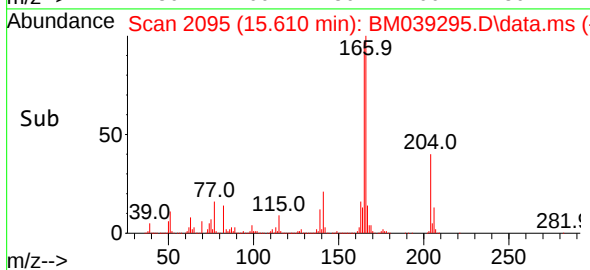
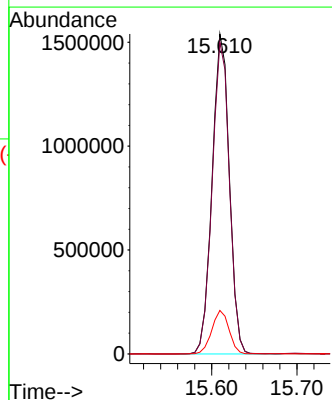
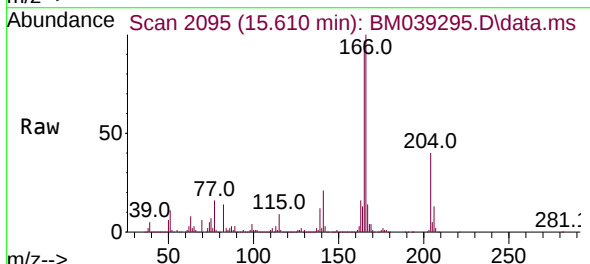
Instrument :
BNA_M
ClientSampleId :
PB151761BS

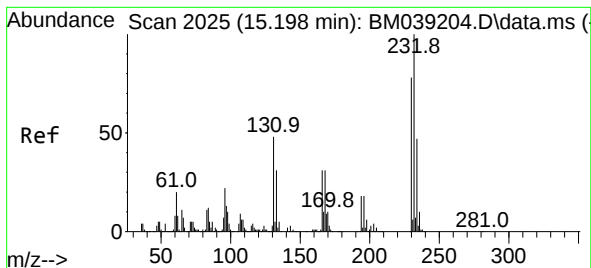
Tgt Ion:165 Resp: 655193
Ion Ratio Lower Upper
165 100
63 46.7 33.5 50.3
89 77.2 56.7 85.1
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.425 ng
RT: 15.610 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:166 Resp: 2160922
Ion Ratio Lower Upper
166 100
165 97.4 76.9 115.3
167 13.6 10.8 16.2

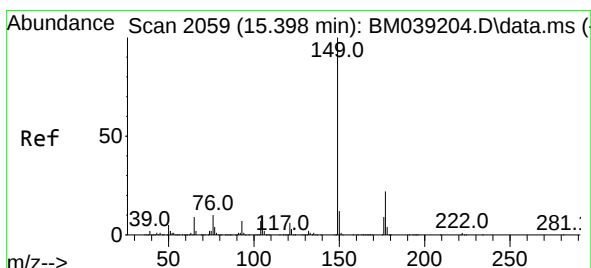
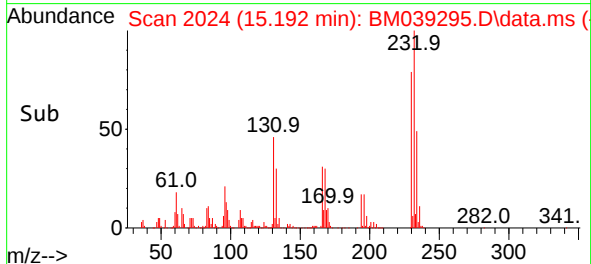
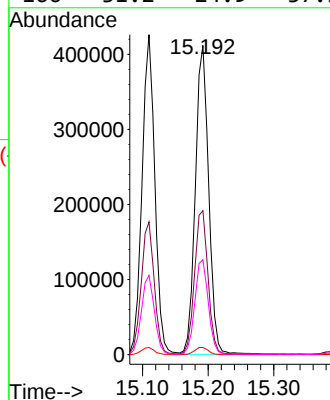
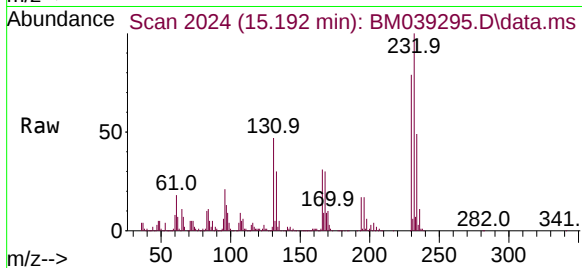




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.496 ng
RT: 15.192 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

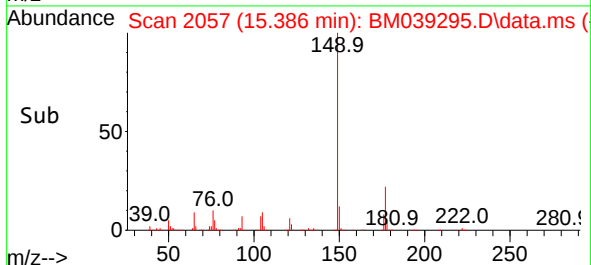
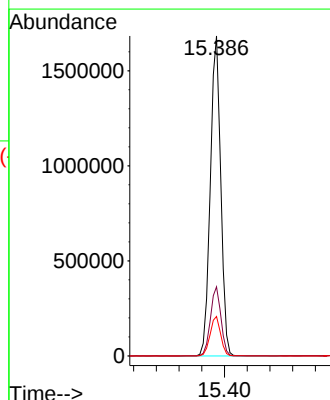
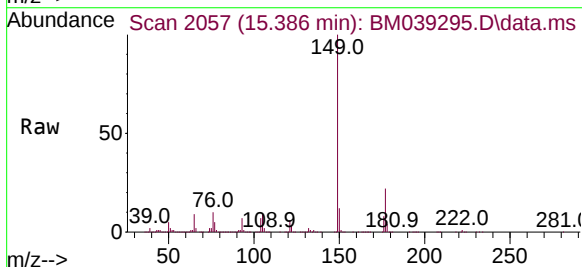
Instrument :
BNA_M
ClientSampleId :
PB151761BS

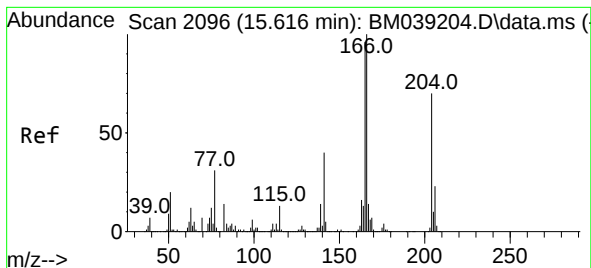
Tgt Ion:232 Resp: 580647
Ion Ratio Lower Upper
232 100
131 47.4 37.7 56.5
130 2.4 1.9 2.9
166 31.2 24.9 37.3



#60
Diethylphthalate
Concen: 38.298 ng
RT: 15.386 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:149 Resp: 2146708
Ion Ratio Lower Upper
149 100
177 21.6 17.7 26.5
150 12.3 9.8 14.6

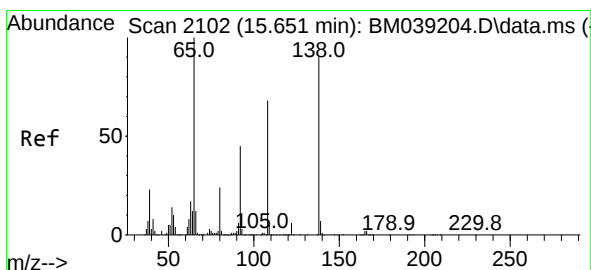
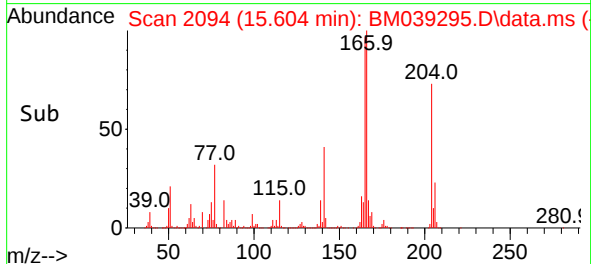
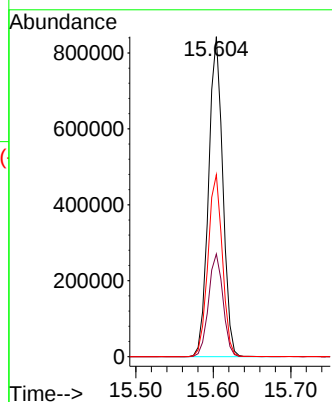
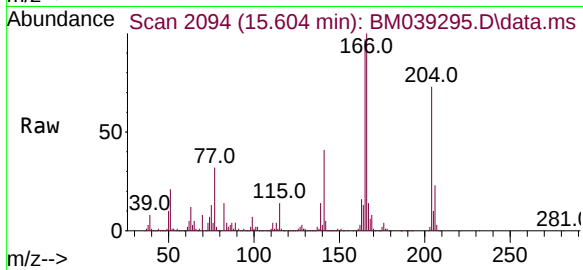




#61
4-Chlorophenyl-phenylether
Concen: 40.603 ng
RT: 15.604 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

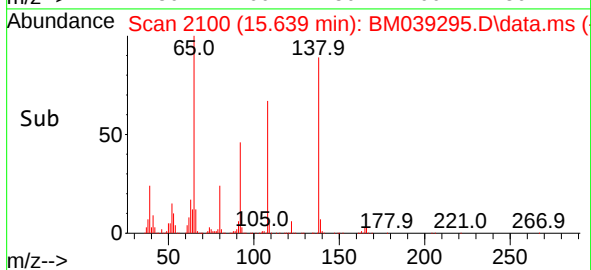
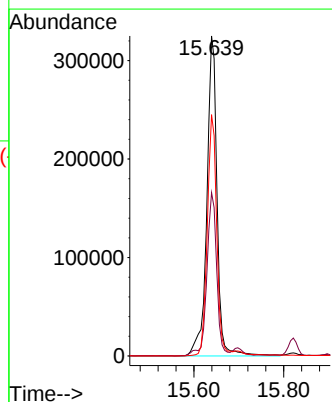
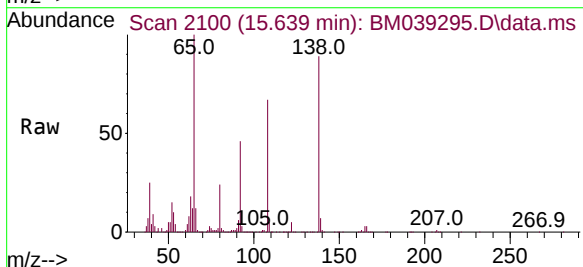
Instrument :
BNA_M
ClientSampleId :
PB151761BS

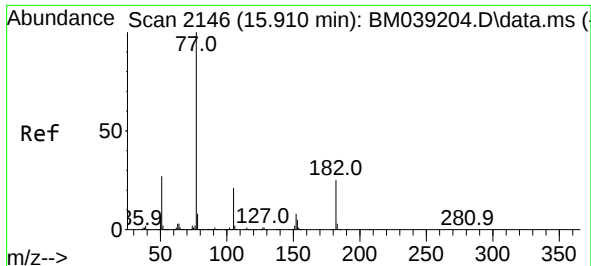
Tgt Ion:204 Resp: 1075644
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 56.9 45.8 68.6



#62
4-Nitroaniline
Concen: 36.088 ng
RT: 15.639 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:138 Resp: 512697
Ion Ratio Lower Upper
138 100
92 51.0 30.5 70.5
108 75.4 55.5 95.5

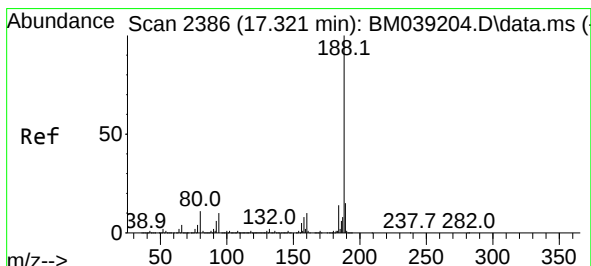
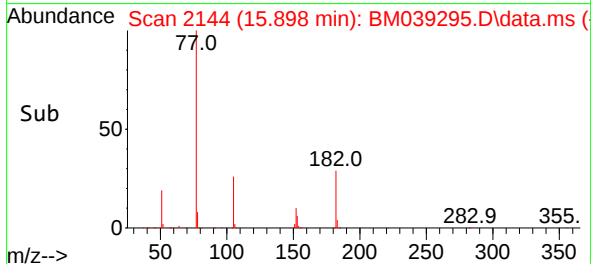
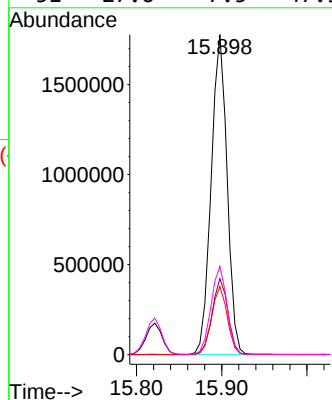
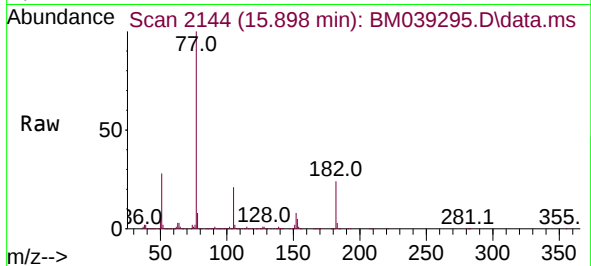




#63
Azobenzene
Concen: 40.894 ng
RT: 15.898 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

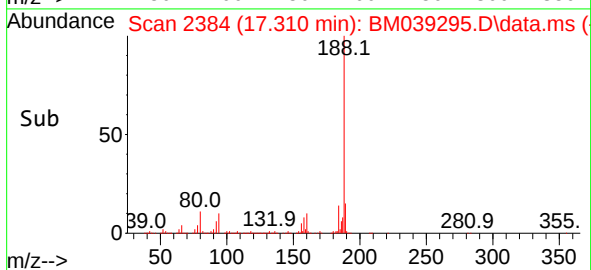
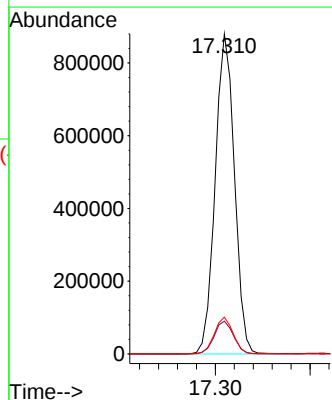
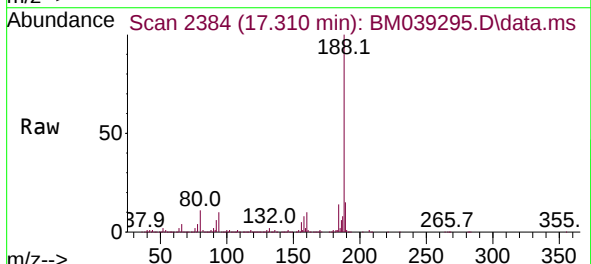
Instrument :
BNA_M
ClientSampleId :
PB151761BS

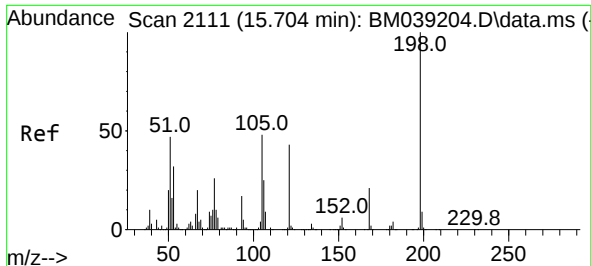
Tgt Ion: 77 Resp: 2296496
Ion Ratio Lower Upper
77 100
182 23.7 4.8 44.8
105 21.3 1.4 41.4
51 27.6 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:188 Resp: 1240830
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 11.5 8.9 13.3

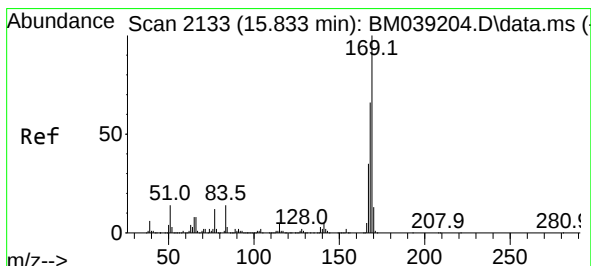
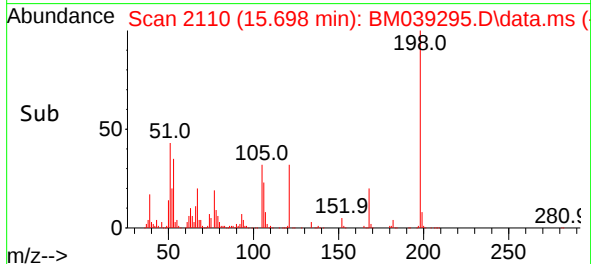
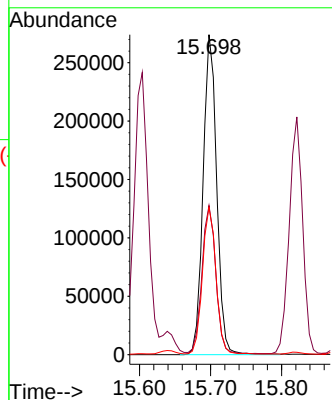
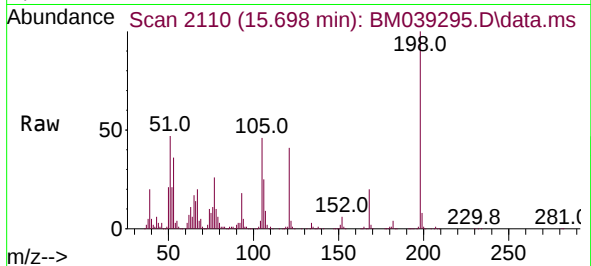




#65
4,6-Dinitro-2-methylphenol
Concen: 44.391 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

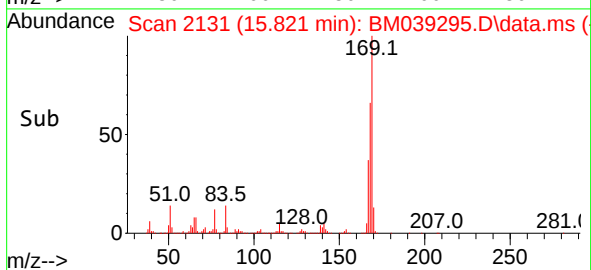
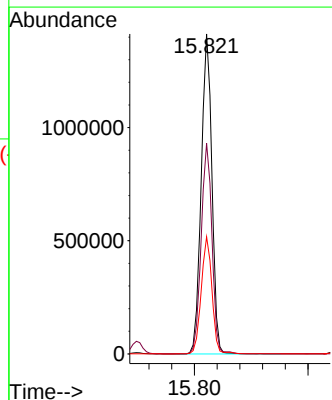
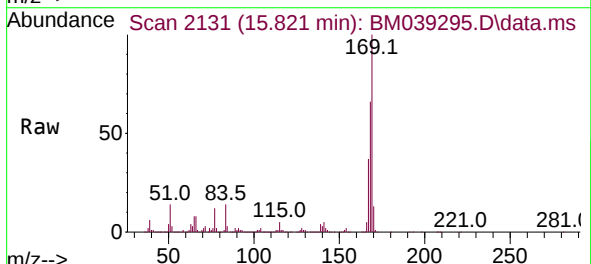
Instrument :
BNA_M
ClientSampleId :
PB151761BS

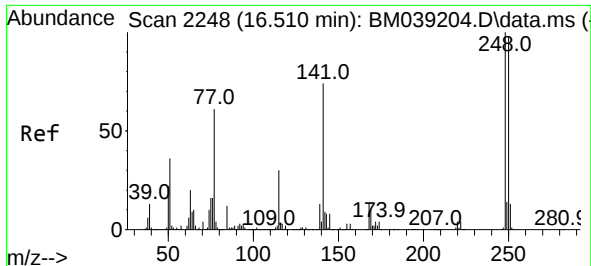
Tgt Ion:198 Resp: 362370
Ion Ratio Lower Upper
198 100
51 46.6 28.9 68.9
105 46.1 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 47.030 ng
RT: 15.821 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:169 Resp: 1838905
Ion Ratio Lower Upper
169 100
168 65.8 52.8 79.2
167 36.6 28.4 42.6

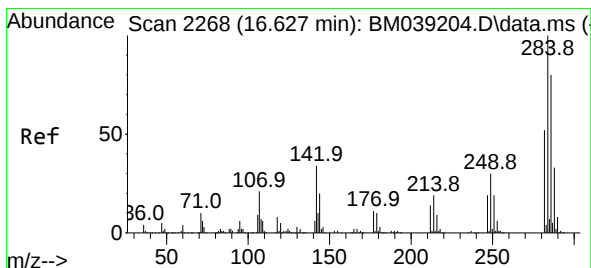
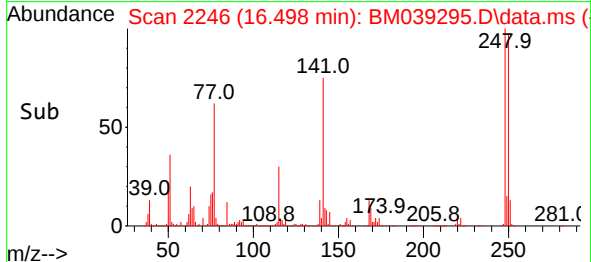
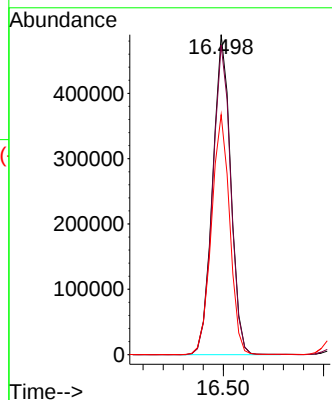
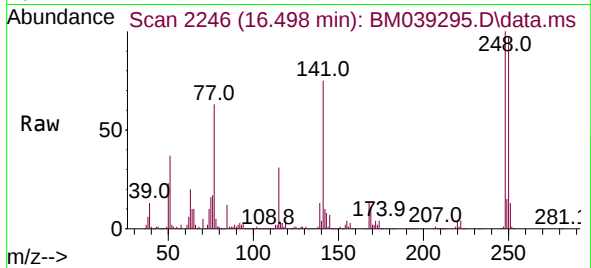




#67
4-Bromophenyl-phenylether
Concen: 46.280 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

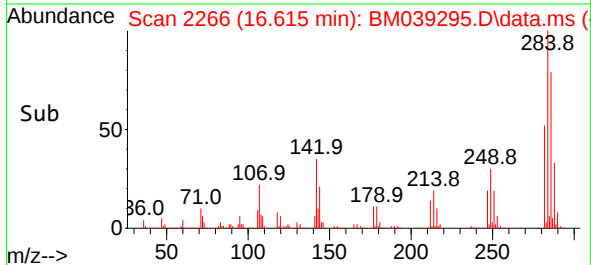
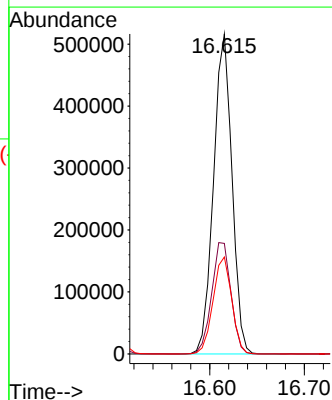
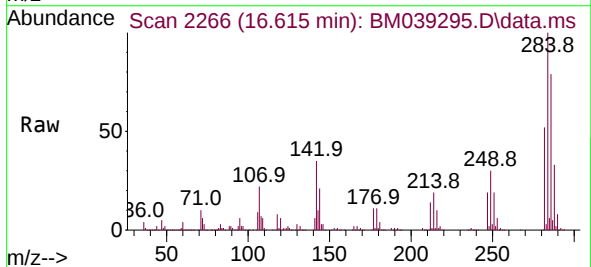
Instrument :
BNA_M
ClientSampleId :
PB151761BS

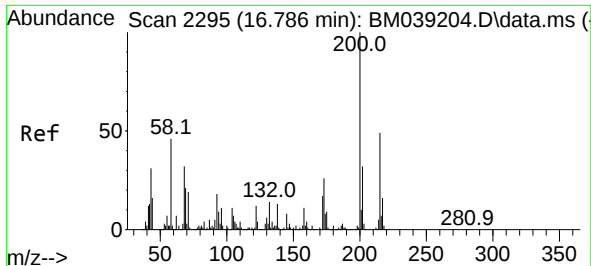
Tgt Ion:248 Resp: 613280
Ion Ratio Lower Upper
248 100
250 96.7 78.8 118.2
141 75.0 58.8 88.2



#68
Hexachlorobenzene
Concen: 48.599 ng
RT: 16.615 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:284 Resp: 698288
Ion Ratio Lower Upper
284 100
142 34.5 27.4 41.2
249 30.3 24.4 36.6

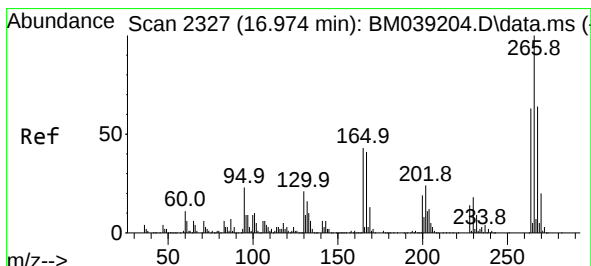
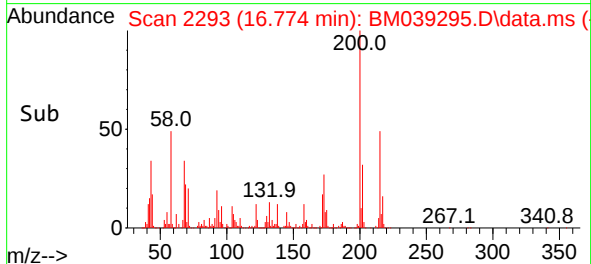
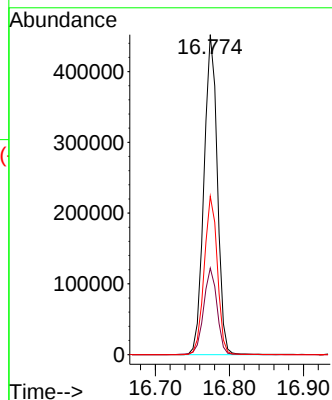
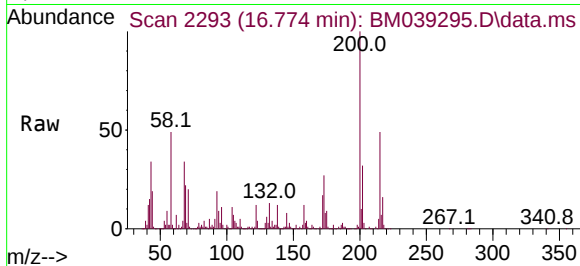




#69
 Atrazine
 Concen: 45.688 ng
 RT: 16.774 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039295.D
 Acq: 04 Apr 2023 13:11

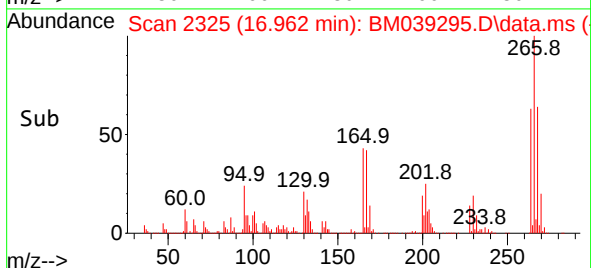
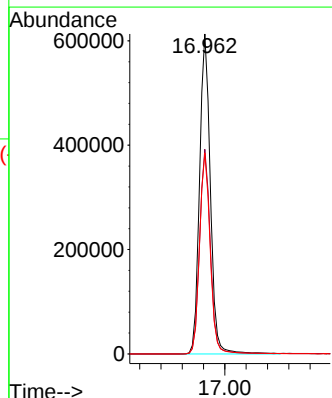
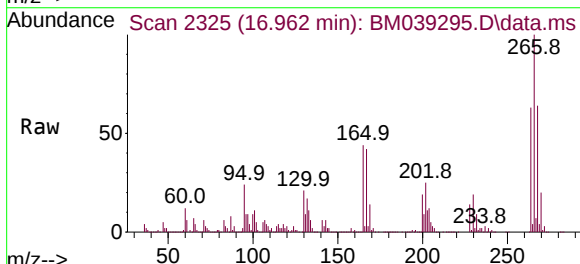
Instrument :
 BNA_M
 ClientSampleId :
 PB151761BS

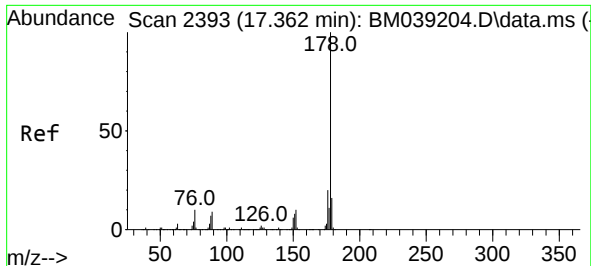
Tgt Ion:200 Resp: 565800
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.4 46.4
 215 49.5 28.9 68.9



#70
 Pentachlorophenol
 Concen: 83.366 ng
 RT: 16.962 min Scan# 2325
 Delta R.T. -0.000 min
 Lab File: BM039295.D
 Acq: 04 Apr 2023 13:11

Tgt Ion:266 Resp: 859387
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.4 77.2
 264 62.8 50.2 75.4

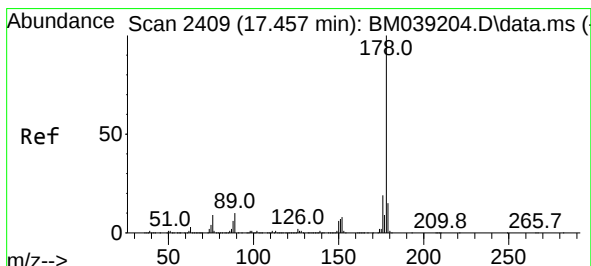
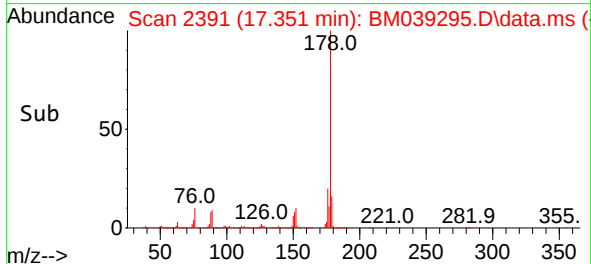
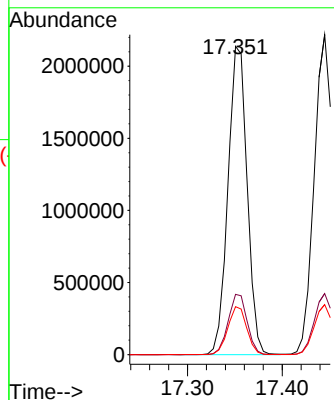
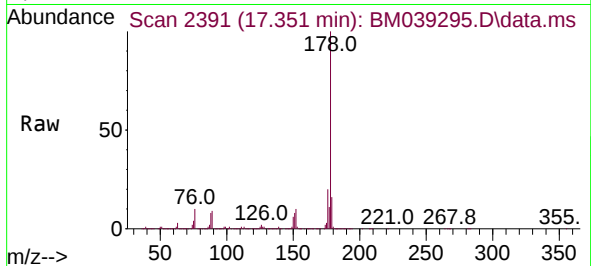




#71
Phenanthrene
Concen: 44.220 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

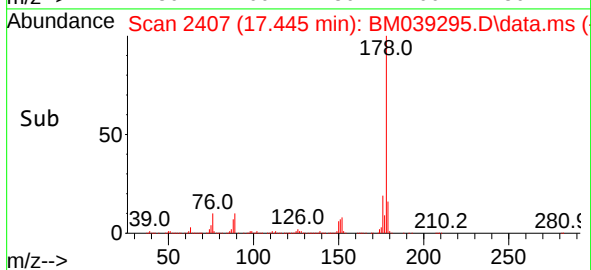
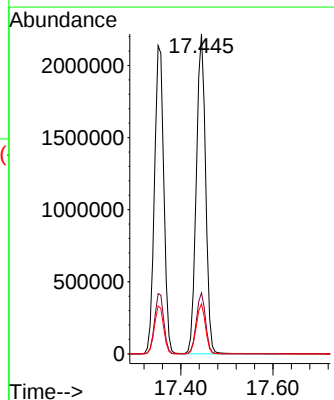
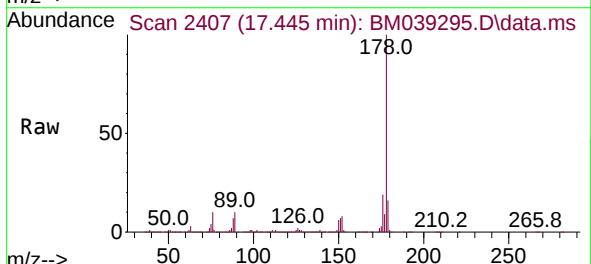
Instrument :
BNA_M
ClientSampleId :
PB151761BS

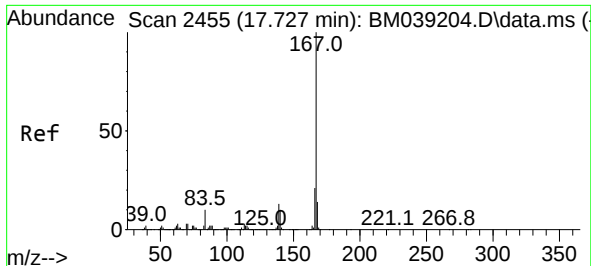
Tgt Ion:178 Resp: 3005136
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.6 12.4 18.6



#72
Anthracene
Concen: 44.623 ng
RT: 17.445 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:178 Resp: 3092152
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.6 12.2 18.2

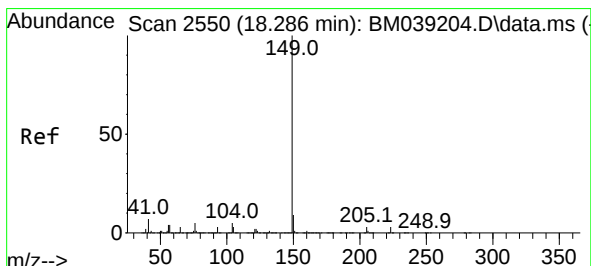
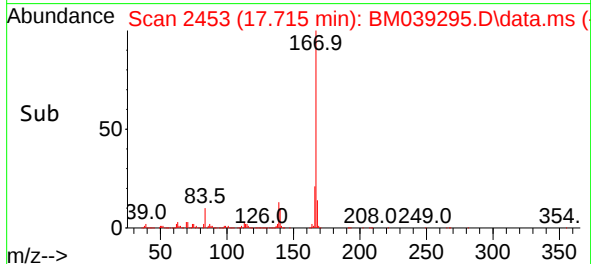
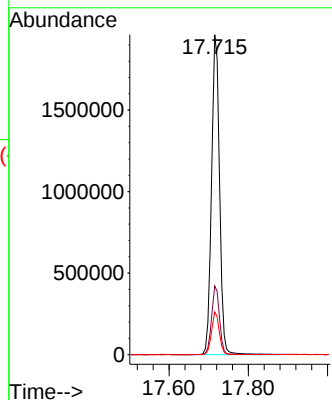
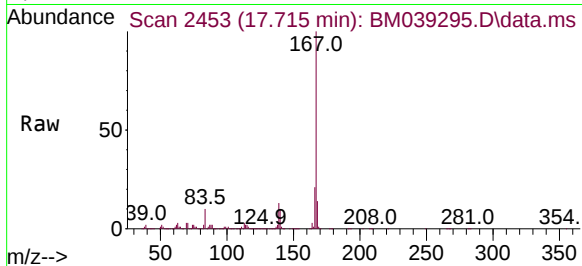




#73
 Carbazole
 Concen: 42.612 ng
 RT: 17.715 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM039295.D
 Acq: 04 Apr 2023 13:11

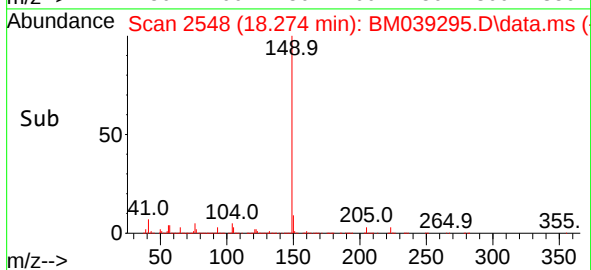
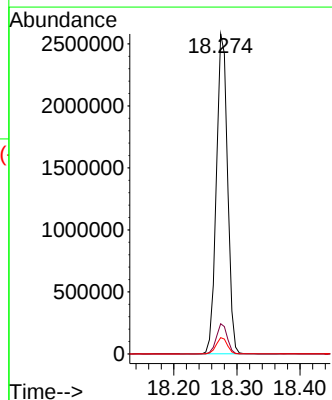
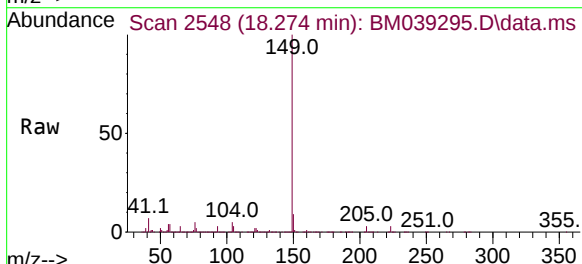
Instrument :
 BNA_M
 ClientSampleId :
 PB151761BS

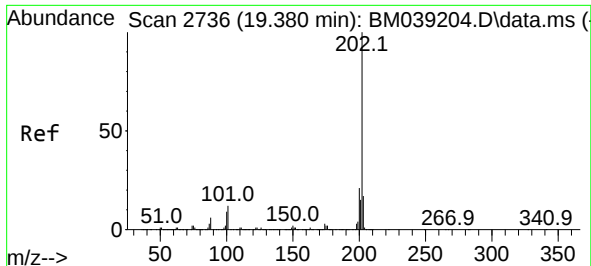
Tgt Ion:167 Resp: 2759151
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.713 ng
 RT: 18.274 min Scan# 2548
 Delta R.T. -0.006 min
 Lab File: BM039295.D
 Acq: 04 Apr 2023 13:11

Tgt Ion:149 Resp: 3180901
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.1 6.1

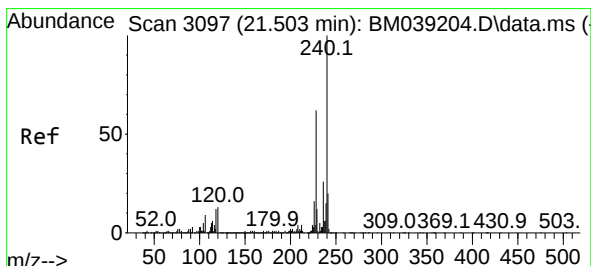
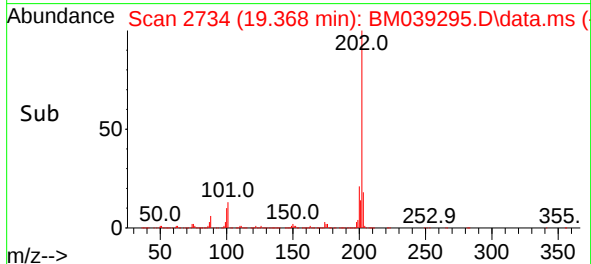
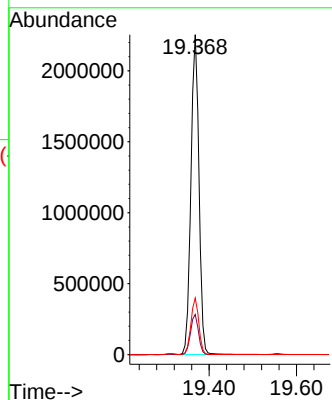
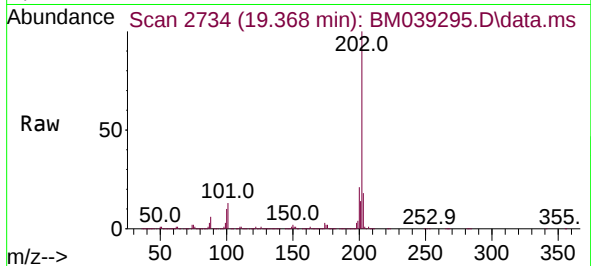




#75
Fluoranthene
Concen: 37.221 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

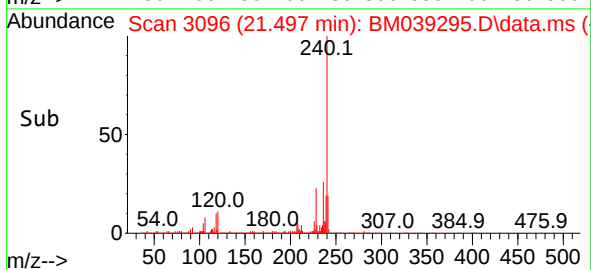
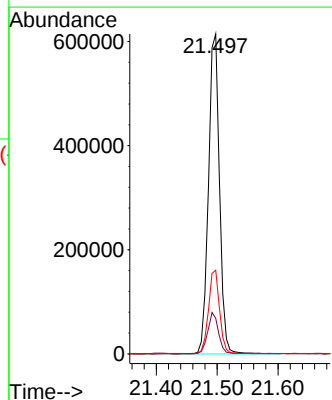
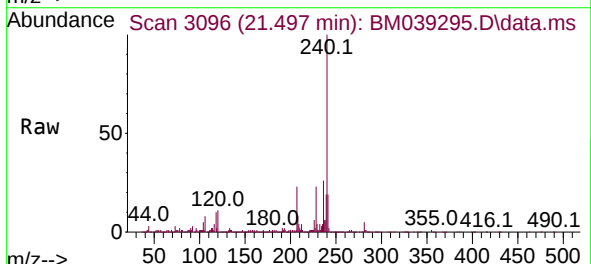
Instrument :
BNA_M
ClientSampleId :
PB151761BS

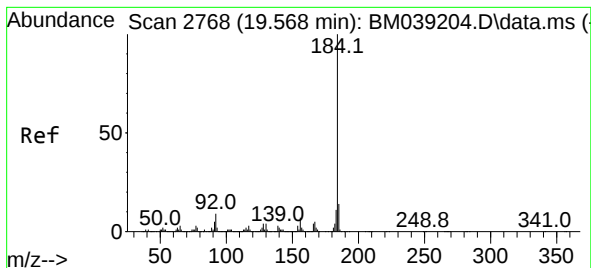
Tgt Ion:202 Resp: 2883436
Ion Ratio Lower Upper
202 100
101 12.5 0.0 32.5
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:240 Resp: 771392
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.2
236 26.2 20.9 31.3





#77

Benzidine

Concen: 63.761 ng

RT: 19.556 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

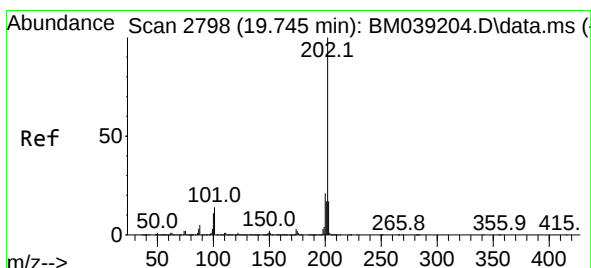
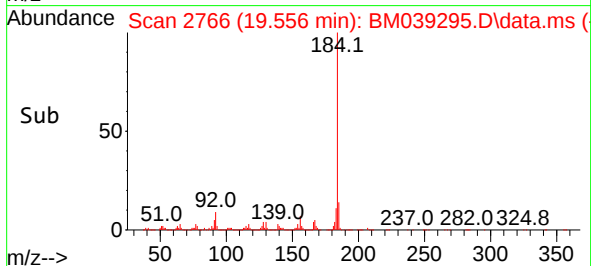
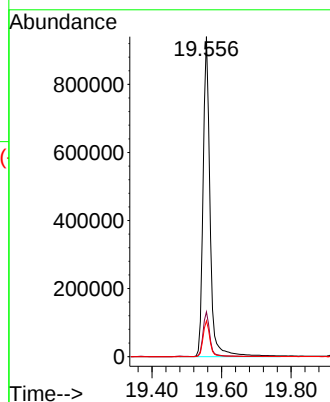
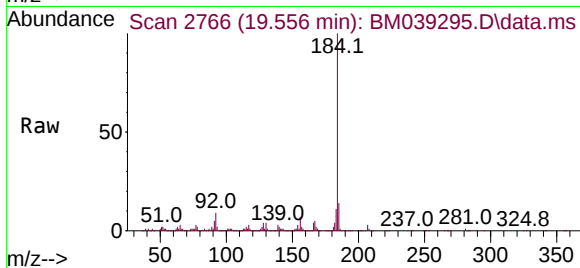
Tgt Ion:184 Resp: 1297313

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 11.2 9.0 13.4



#78

Pyrene

Concen: 53.831 ng

RT: 19.733 min Scan# 2796

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

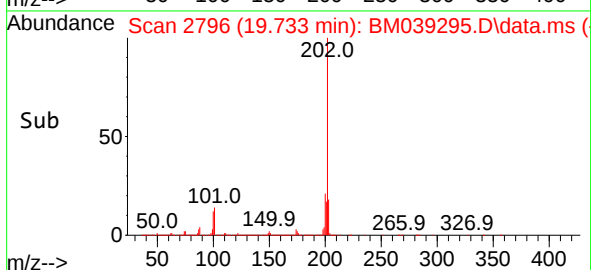
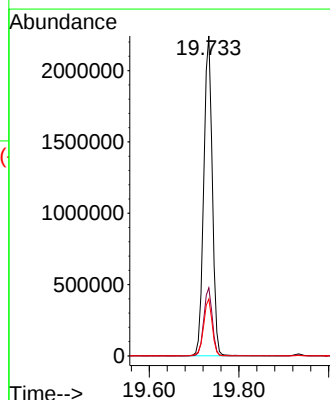
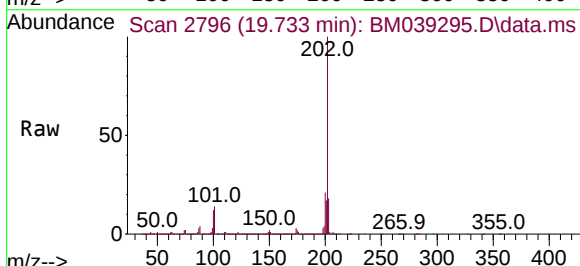
Tgt Ion:202 Resp: 2956108

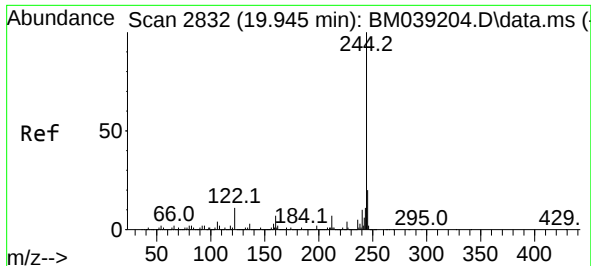
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.8 13.9 20.9

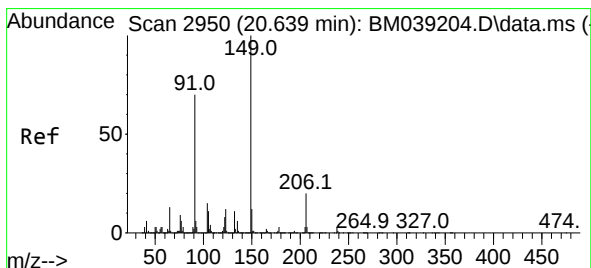
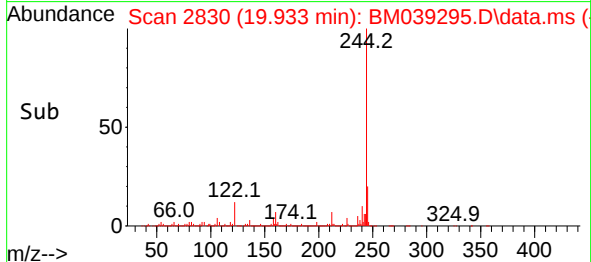
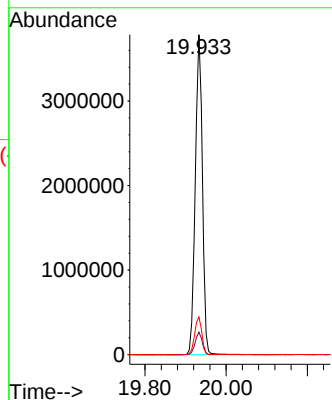
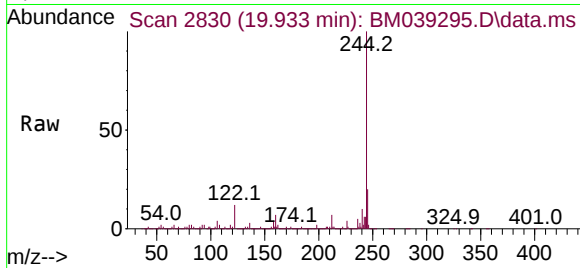




#79
 Terphenyl-d14
 Concen: 109.396 ng
 RT: 19.933 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BM039295.D
 Acq: 04 Apr 2023 13:11

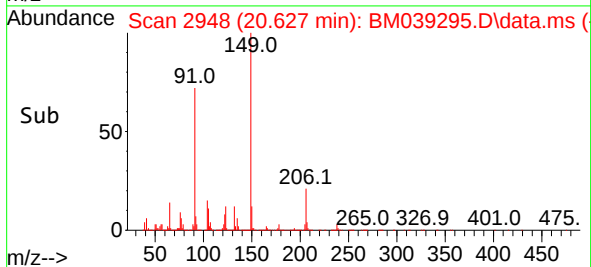
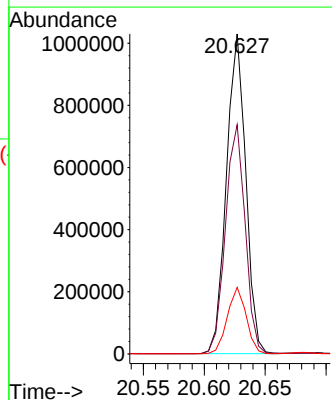
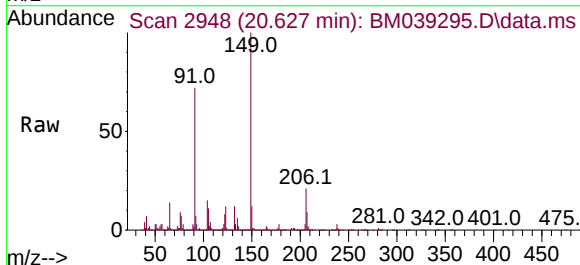
Instrument :
 BNA_M
 ClientSampleId :
 PB151761BS

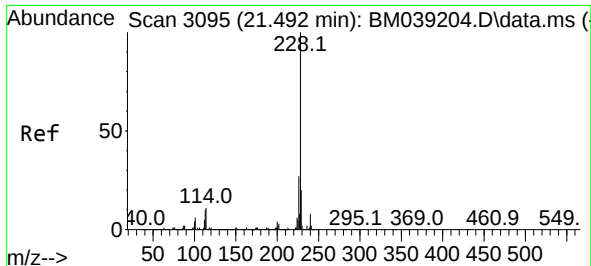
Tgt Ion:244 Resp: 4567515
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 45.060 ng
 RT: 20.627 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: BM039295.D
 Acq: 04 Apr 2023 13:11

Tgt Ion:149 Resp: 1133630
 Ion Ratio Lower Upper
 149 100
 91 71.6 56.3 84.5
 206 20.8 16.4 24.6

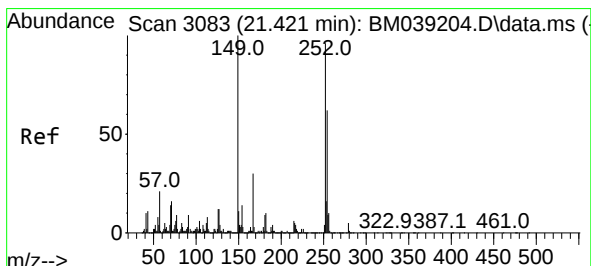
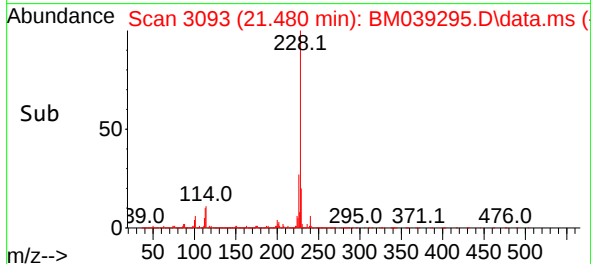
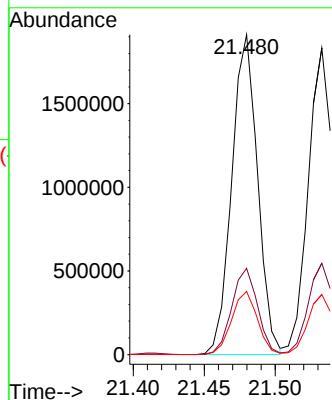
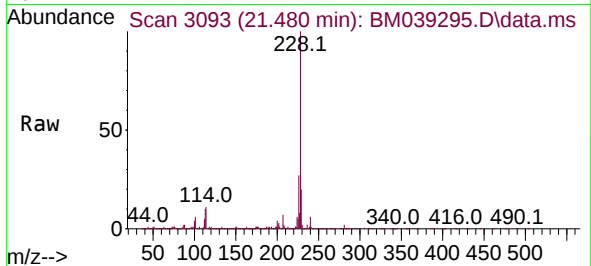




#81
Benzo(a)anthracene
Concen: 44.337 ng
RT: 21.480 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

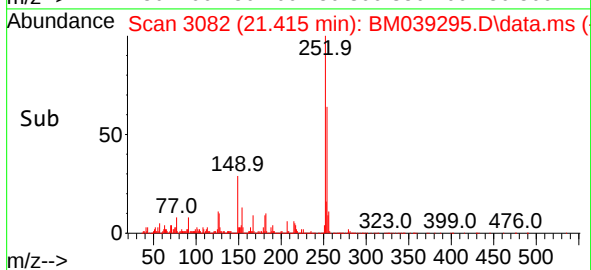
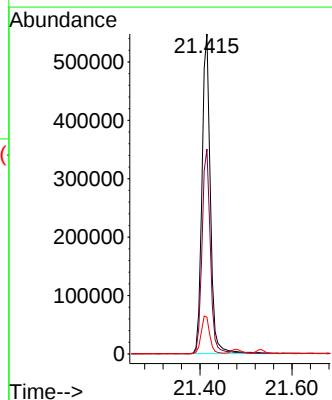
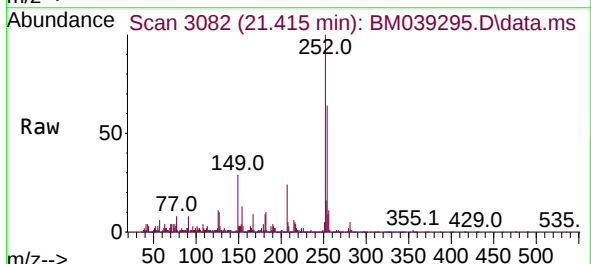
Instrument :
BNA_M
ClientSampleId :
PB151761BS

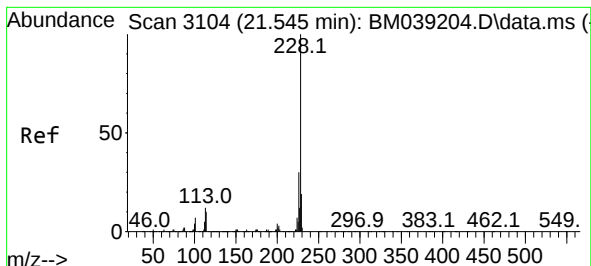
Tgt Ion:228 Resp: 2412069
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.045 ng
RT: 21.415 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:252 Resp: 689497
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.8
126 11.5 10.1 15.1





#83

Chrysene

Concen: 43.412 ng

RT: 21.533 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

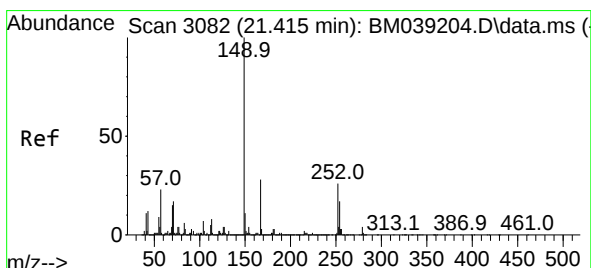
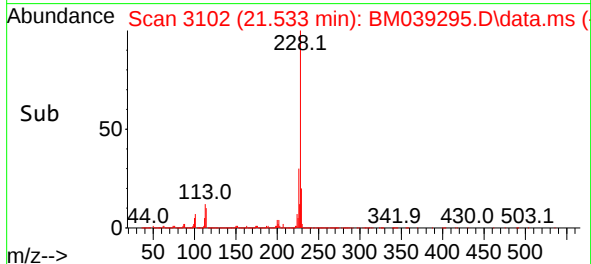
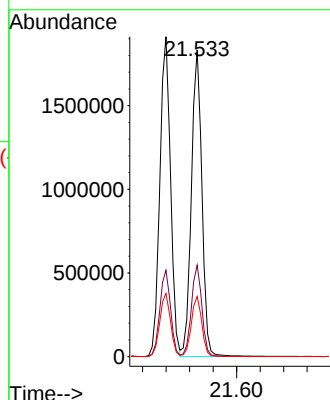
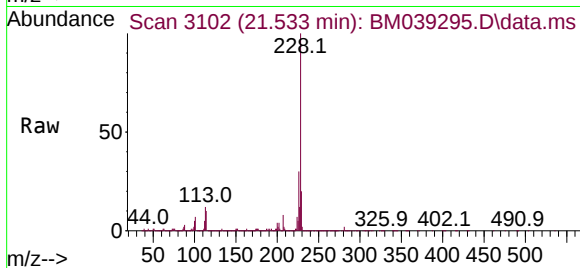
Tgt Ion:228 Resp: 2279977

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.203 ng

RT: 21.403 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

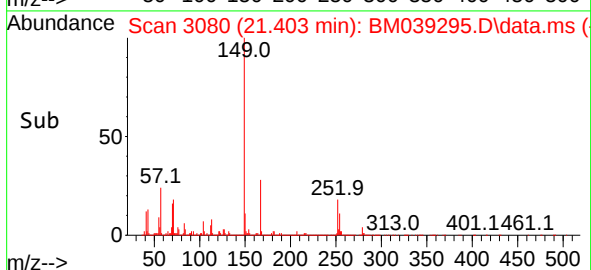
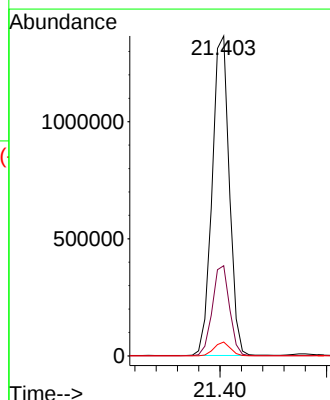
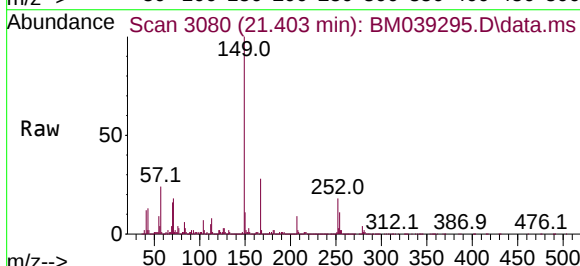
Tgt Ion:149 Resp: 1530933

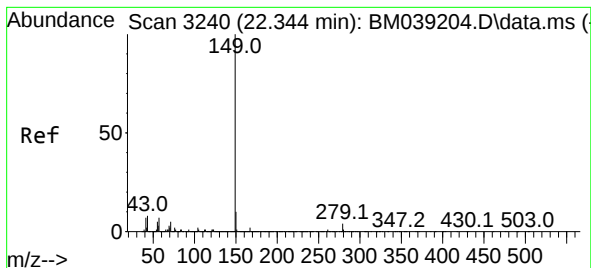
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 36.355 ng

RT: 22.327 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

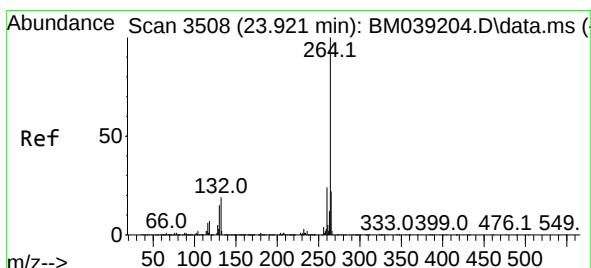
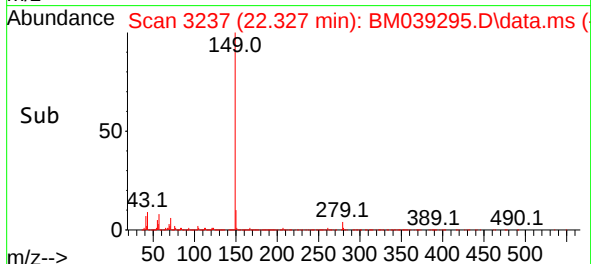
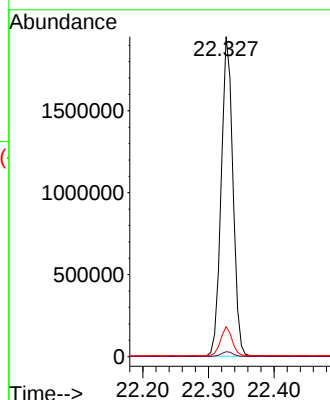
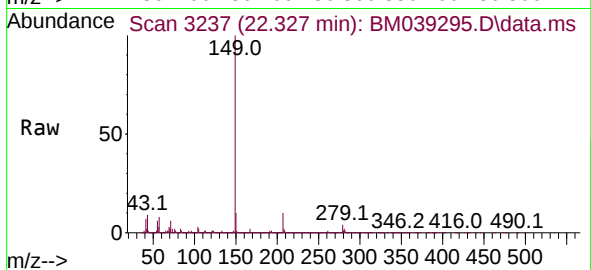
Tgt Ion:149 Resp: 2433759

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.903 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

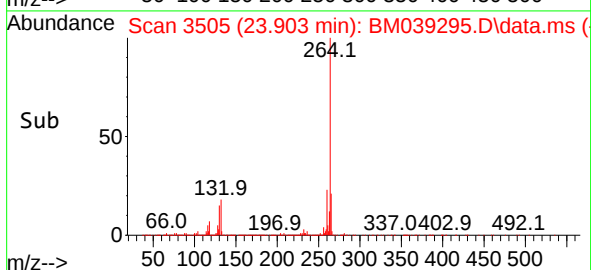
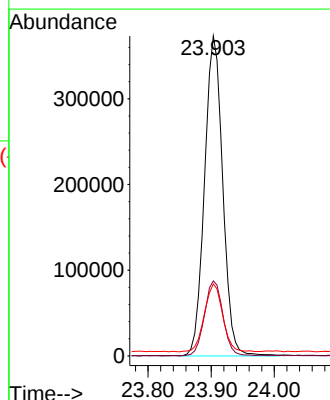
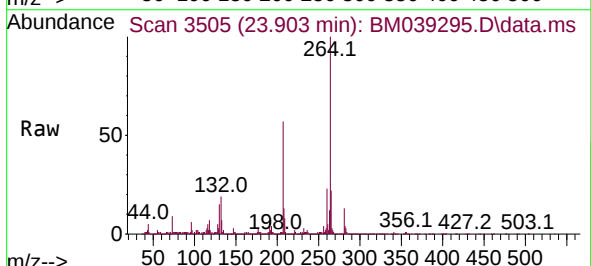
Tgt Ion:264 Resp: 748240

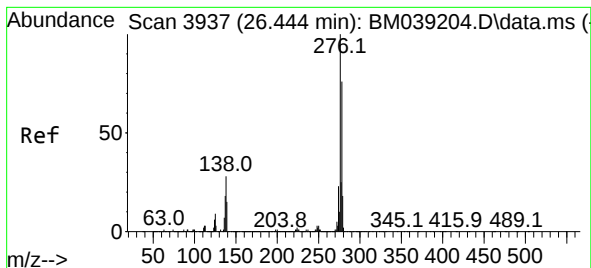
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.5 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.071 ng

RT: 26.409 min Scan# 3931

Delta R.T. -0.006 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

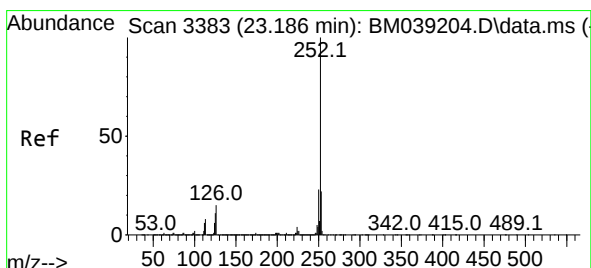
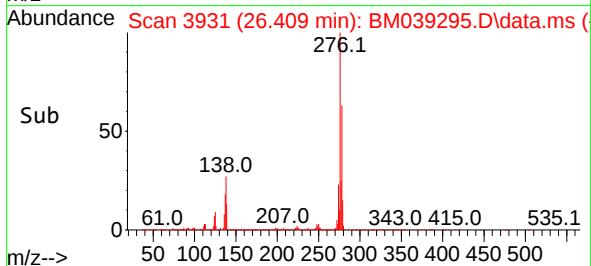
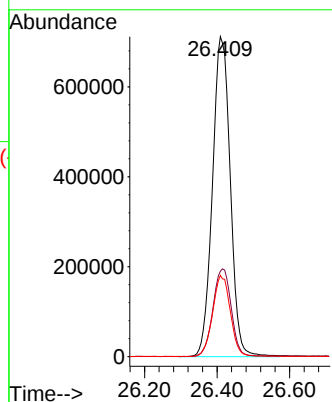
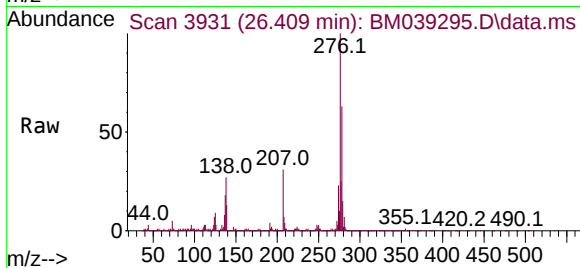
Tgt Ion:276 Resp: 2429664

Ion Ratio Lower Upper

276 100

138 28.0 22.2 33.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.473 ng

RT: 23.168 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

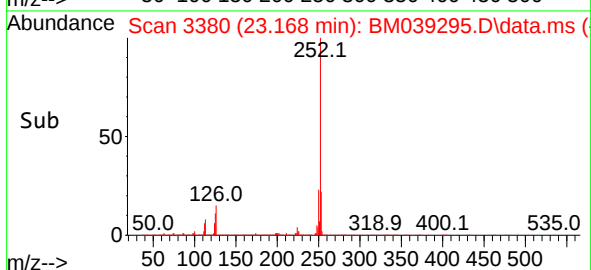
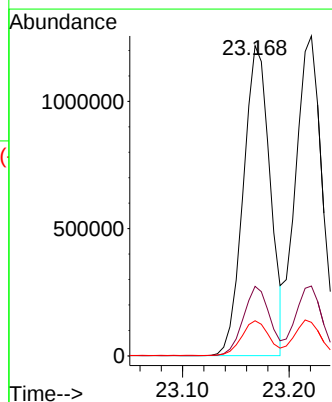
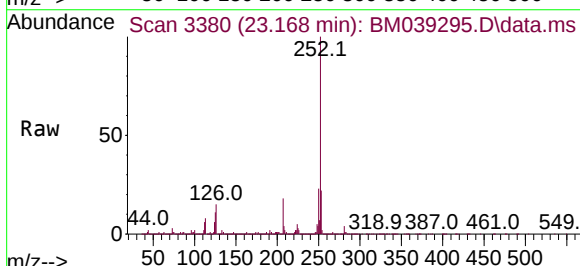
Tgt Ion:252 Resp: 2127685

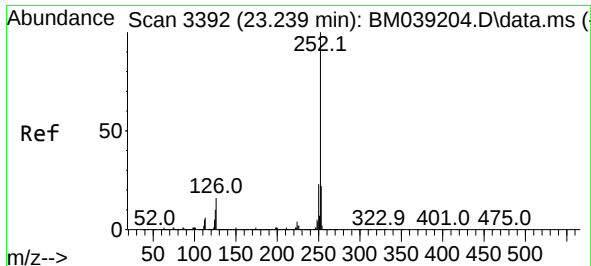
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.3 9.0 13.6

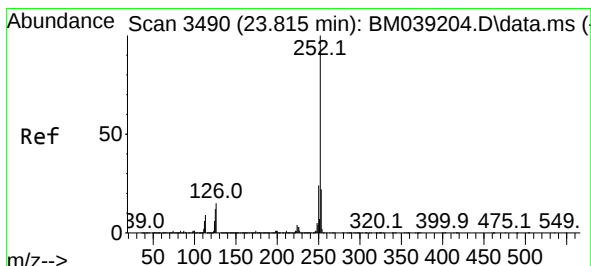
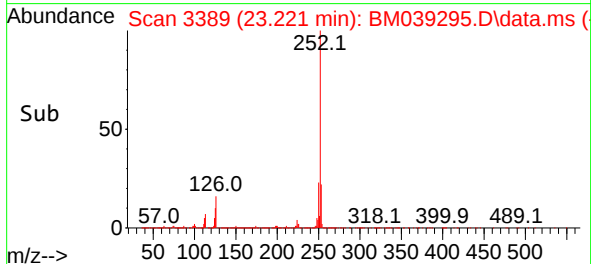
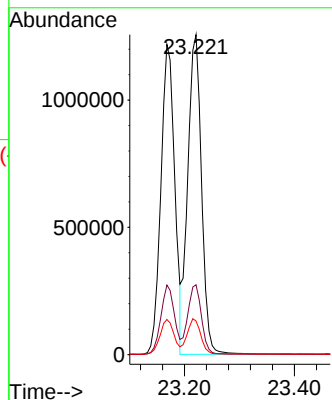
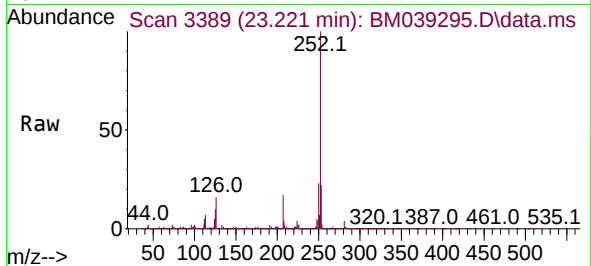




#89
Benzo(k)fluoranthene
Concen: 46.723 ng
RT: 23.221 min Scan# 3392
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

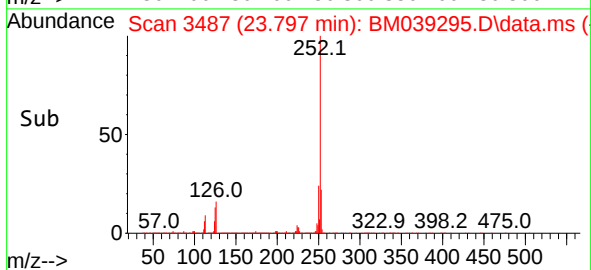
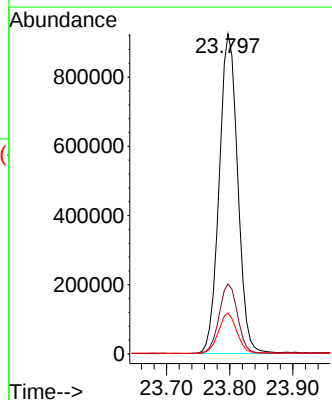
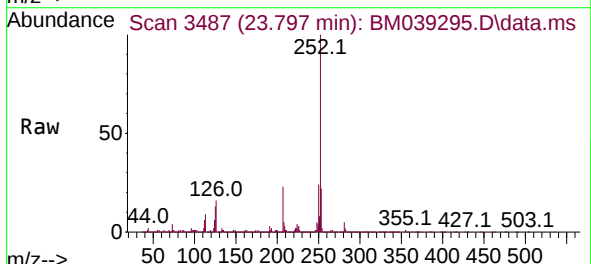
Instrument :
BNA_M
ClientSampleId :
PB151761BS

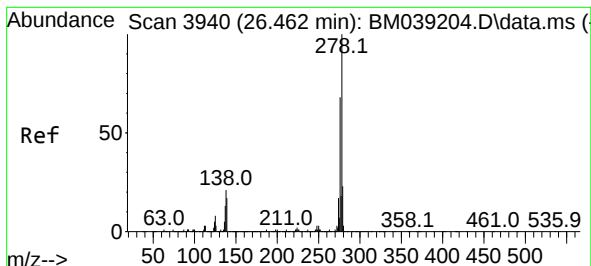
Tgt Ion:252 Resp: 2178902
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.5 8.5 12.7



#90
Benzo(a)pyrene
Concen: 41.860 ng
RT: 23.797 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM039295.D
Acq: 04 Apr 2023 13:11

Tgt Ion:252 Resp: 1882702
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.8 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 43.718 ng

RT: 26.427 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB151761BS

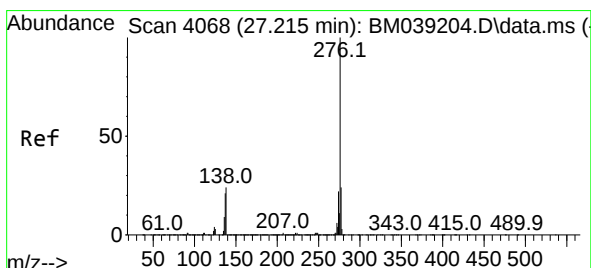
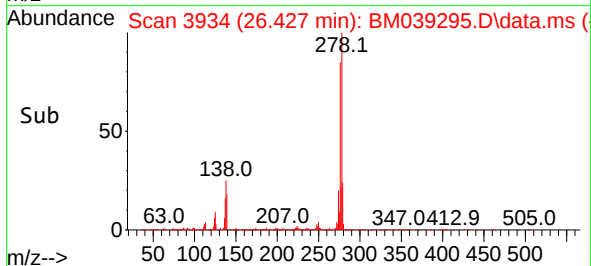
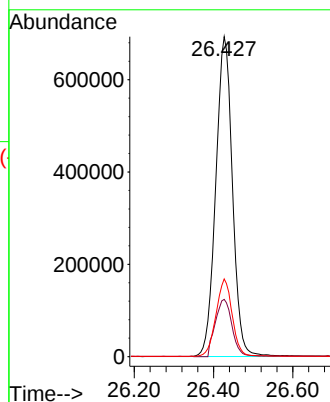
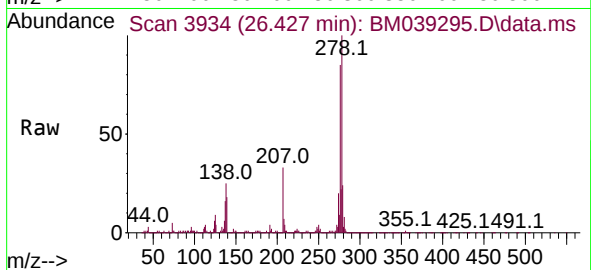
Tgt Ion:278 Resp: 2023802

Ion Ratio Lower Upper

278 100

139 17.9 13.9 20.9

279 24.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 44.397 ng

RT: 27.185 min Scan# 4063

Delta R.T. -0.000 min

Lab File: BM039295.D

Acq: 04 Apr 2023 13:11

Tgt Ion:276 Resp: 2021196

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 23.6 19.5 29.3

