

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039087.D
 Acq On : 22 Mar 2023 11:38
 Operator : CG/JU
 Sample : PB151573BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151573BSD

Quant Time: Mar 23 04:20:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	416221	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1689846	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	961688	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1777148	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1107324	20.000	ng	0.00
86) Perylene-d12	23.962	264	1058959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3195332	116.636	ng	0.00
7) Phenol-d6	7.134	99	4127582	115.994	ng	0.00
23) Nitrobenzene-d5	9.140	82	2391676	69.522	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1235361	111.042	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5082256	68.796	ng	0.00
79) Terphenyl-d14	19.974	244	5101169	84.227	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	490861	40.275	ng	99
3) Pyridine	3.793	79	1292823	38.248	ng	99
4) n-Nitrosodimethylamine	3.705	42	553143	40.215	ng	93
6) Aniline	7.293	93	1898439	40.632	ng	99
8) 2-Chlorophenol	7.534	128	1567903	53.757	ng	97
9) Benzaldehyde	7.098	77	566628	33.463	ng	99
10) Phenol	7.163	94	2015026	53.324	ng	97
11) bis(2-Chloroethyl)ether	7.393	93	1475113	48.013	ng	98
12) 1,3-Dichlorobenzene	7.857	146	1511926	48.779	ng	98
13) 1,4-Dichlorobenzene	8.004	146	1548840	49.133	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1488338	49.014	ng	99
15) Benzyl Alcohol	8.216	79	1334817	52.335	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1890067	48.711	ng	99
17) 2-Methylphenol	8.416	107	1311808	50.535	ng	99
18) Hexachloroethane	9.051	117	589858	50.715	ng	96
19) n-Nitroso-di-n-propyla...	8.787	70	1149891	51.304	ng	97
20) 3+4-Methylphenols	8.745	107	1776132	51.243	ng	98
22) Acetophenone	8.798	105	2222691	46.881	ng	98
24) Nitrobenzene	9.181	77	1661078	45.939	ng	97
25) Isophorone	9.710	82	3122756	49.328	ng	100
26) 2-Nitrophenol	9.892	139	830244	51.752	ng	95
27) 2,4-Dimethylphenol	9.957	122	1468301	53.230	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	2010352	49.423	ng	99
29) 2,4-Dichlorophenol	10.428	162	1412659	54.017	ng	100
30) 1,2,4-Trichlorobenzene	10.645	180	1389561	48.623	ng	99
31) Naphthalene	10.834	128	4445233	46.132	ng	99
32) Benzoic acid	10.122	122	1097850	53.499	ng	97
33) 4-Chloroaniline	10.939	127	836547	20.371	ng	99
34) Hexachlorobutadiene	11.116	225	784554	47.873	ng	99
35) Caprolactam	11.745	113	418526	52.582	ng	97
36) 4-Chloro-3-methylphenol	12.069	107	1451015	52.105	ng	99
37) 2-Methylnaphthalene	12.439	142	3056459	47.325	ng	99
38) 1-Methylnaphthalene	12.657	142	2838451	46.898	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1478473	47.290	ng	99
41) Hexachlorocyclopentadiene	12.786	237	2128017	124.003	ng	98
43) 2,4,6-Trichlorophenol	13.045	196	1053561	52.040	ng	100

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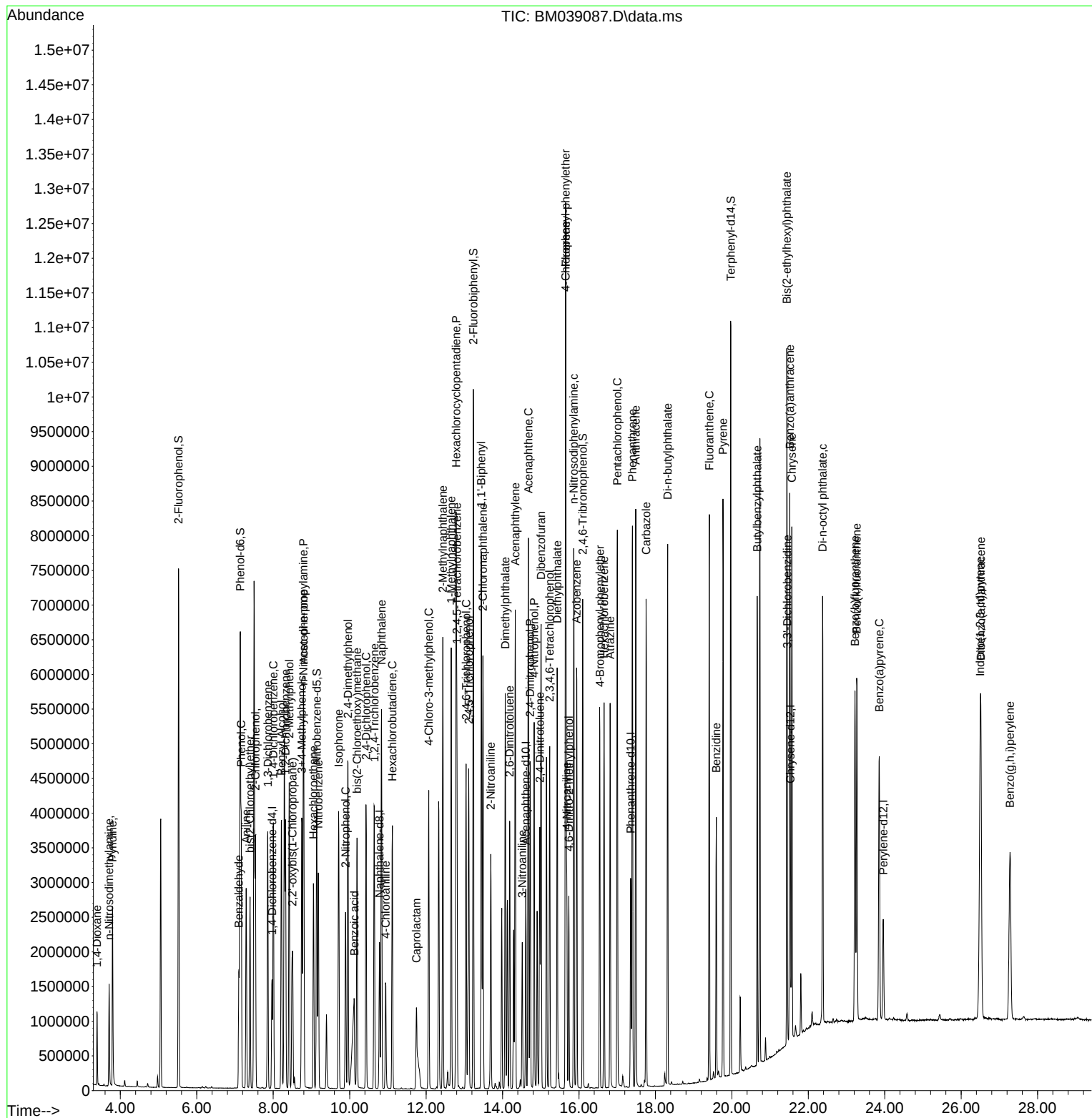
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	1130607	47.711	ng	97
46) 1,1'-Biphenyl	13.445	154	3880239	47.627	ng	99
47) 2-Chloronaphthalene	13.486	162	3007935	48.961	ng	99
48) 2-Nitroaniline	13.692	65	919411	46.800	ng	94
49) Acenaphthylene	14.333	152	4682894	47.854	ng	100
50) Dimethylphthalate	14.069	163	3526479	47.655	ng	99
51) 2,6-Dinitrotoluene	14.186	165	773366	47.270	ng	97
52) Acenaphthene	14.674	154	2767616	46.020	ng	99
53) 3-Nitroaniline	14.516	138	517909	27.764	ng	95
54) 2,4-Dinitrophenol	14.722	184	954726	100.101	ng	91
55) Dibenzofuran	15.010	168	4342938	46.147	ng	99
56) 4-Nitrophenol	14.827	139	1390095	94.584	ng	96
57) 2,4-Dinitrotoluene	14.974	165	1027947	47.740	ng	96
58) Fluorene	15.657	166	3386928	45.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	904362	49.485	ng	98
60) Diethylphthalate	15.427	149	3474162	48.250	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1689882	46.661	ng	98
62) 4-Nitroaniline	15.680	138	797657	41.218	ng	98
63) Azobenzene	15.939	77	3596468	47.205	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	558181	47.815	ng	95
66) n-Nitrosodiphenylamine	15.863	169	2918984	48.722	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	981875	51.152	ng	99
68) Hexachlorobenzene	16.657	284	1105635	51.525	ng	99
69) Atrazine	16.815	200	917225	56.050	ng	98
70) Pentachlorophenol	17.004	266	1359351	86.130	ng	100
71) Phenanthrene	17.398	178	4802269	46.042	ng	100
72) Anthracene	17.486	178	4894694	47.057	ng	100
73) Carbazole	17.757	167	4297707	45.272	ng	99
74) Di-n-butylphthalate	18.321	149	5364073	46.390	ng	99
75) Fluoranthene	19.409	202	4615286	41.909	ng	99
77) Benzidine	19.592	184	2016582	76.654	ng	98
78) Pyrene	19.768	202	4752680	57.145	ng	100
80) Butylbenzylphthalate	20.662	149	1950872	54.671	ng	100
81) Benzo(a)anthracene	21.515	228	3855556	48.349	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	988995	40.354	ng	99
83) Chrysene	21.568	228	3623166	46.716	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2732363	53.157	ng	100
85) Di-n-octyl phthalate	22.374	149	4384317	51.380	ng	98
87) Indeno(1,2,3-cd)pyrene	26.497	276	3924629	48.705	ng	99
88) Benzo(b)fluoranthene	23.221	252	3429418	50.691	ng	99
89) Benzo(k)fluoranthene	23.268	252	3434284	48.778	ng	99
90) Benzo(a)pyrene	23.856	252	2998961	46.059	ng	100
91) Dibenzo(a,h)anthracene	26.515	278	3299541	48.352	ng	98
92) Benzo(g,h,i)perylene	27.280	276	3214426	48.146	ng	99

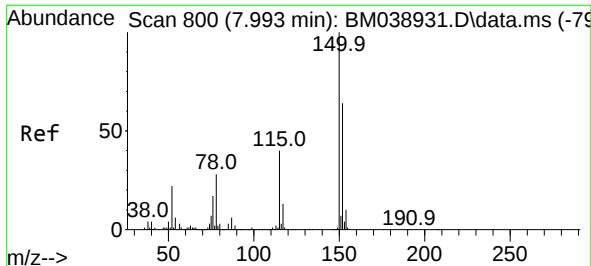
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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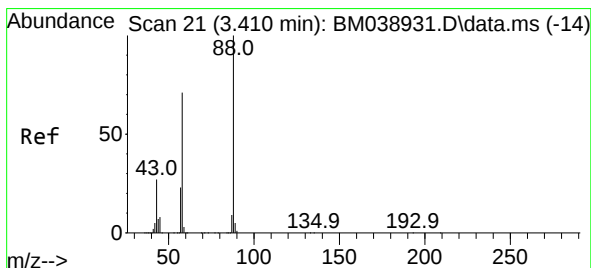
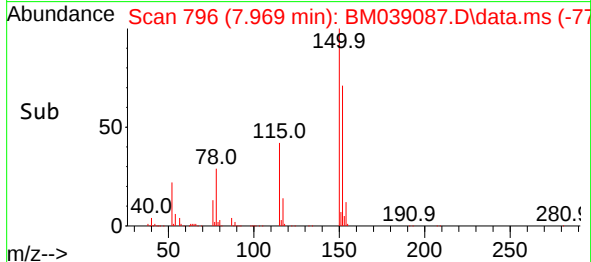
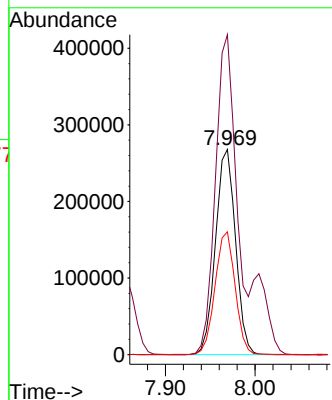
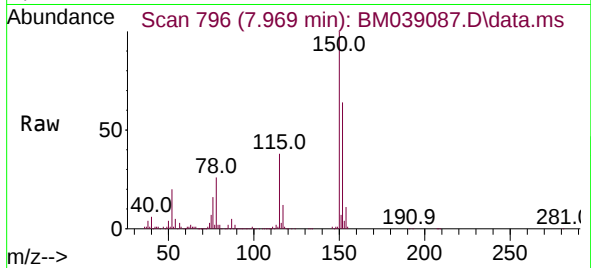




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

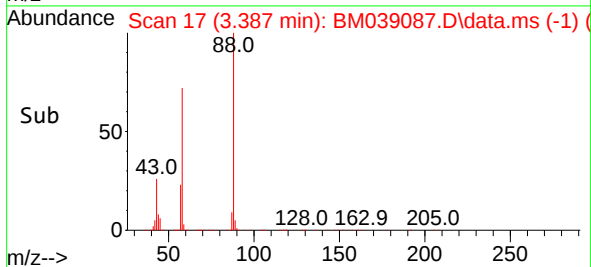
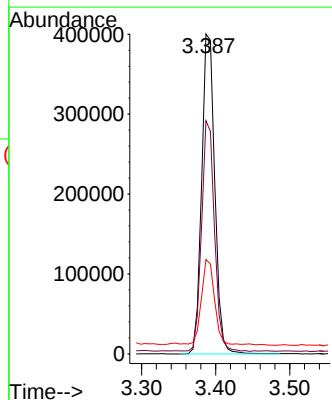
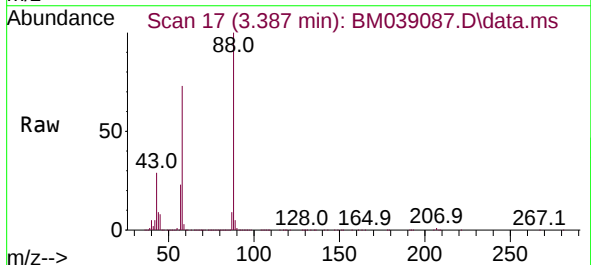
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

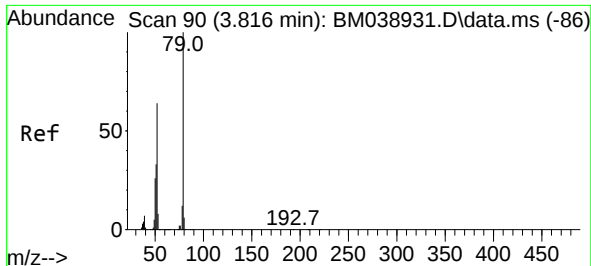
Tgt Ion:152 Resp: 416221
Ion Ratio Lower Upper
152 100
150 155.9 125.1 187.7
115 59.9 49.6 74.4



#2
1,4-Dioxane
Concen: 40.275 ng
RT: 3.387 min Scan# 17
Delta R.T. -0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion: 88 Resp: 490861
Ion Ratio Lower Upper
88 100
58 70.8 57.2 85.8
43 27.5 22.0 33.0



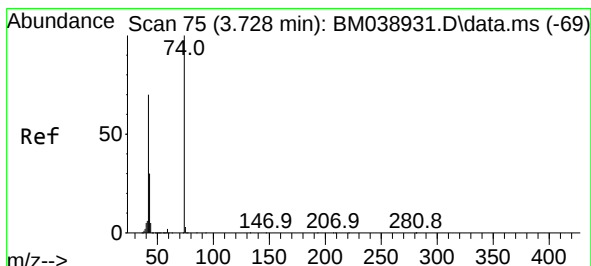
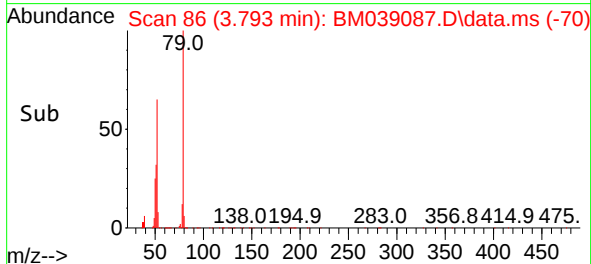
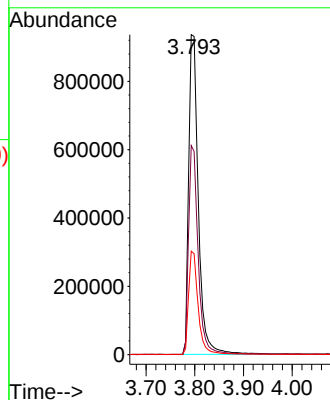
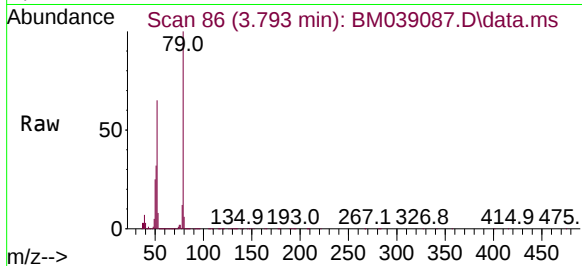


#3
 Pyridine
 Concen: 38.248 ng
 RT: 3.793 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: BM039087.D
 Acq: 22 Mar 2023 11:38

Instrument :
 BNA_M
 ClientSampleId :
 PB151573BSD

Tgt Ion: 79 Resp: 1292823

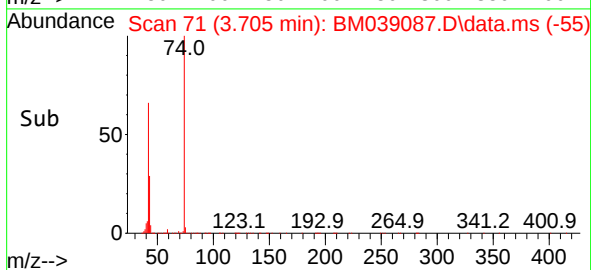
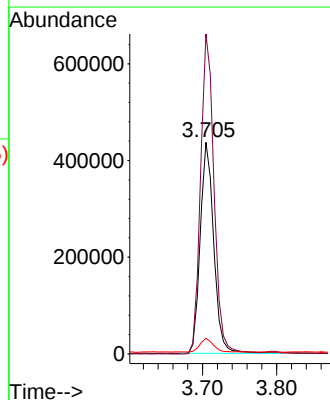
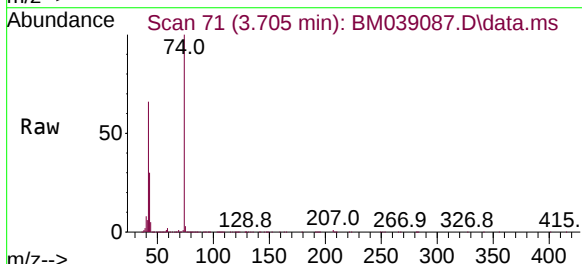
Ion	Ratio	Lower	Upper
79	100		
52	65.3	51.4	77.2
51	32.3	26.6	40.0

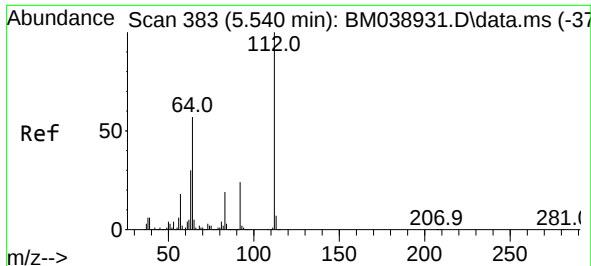


#4
 n-Nitrosodimethylamine
 Concen: 40.215 ng
 RT: 3.705 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BM039087.D
 Acq: 22 Mar 2023 11:38

Tgt Ion: 42 Resp: 553143

Ion	Ratio	Lower	Upper
42	100		
74	151.2	113.8	170.8
44	7.3	6.2	9.2

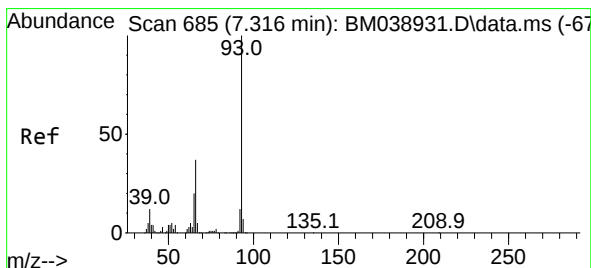
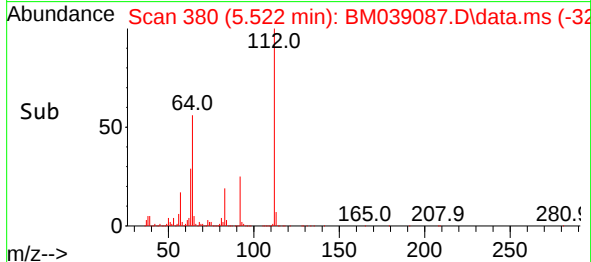
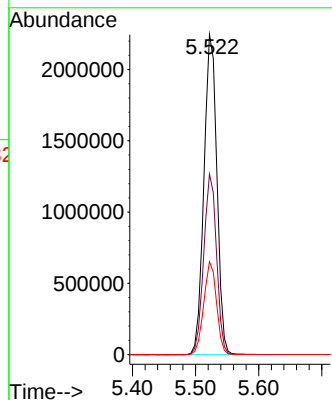
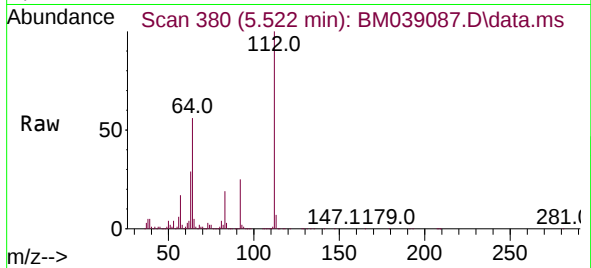




#5
2-Fluorophenol
Concen: 116.636 ng
RT: 5.522 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039087.D
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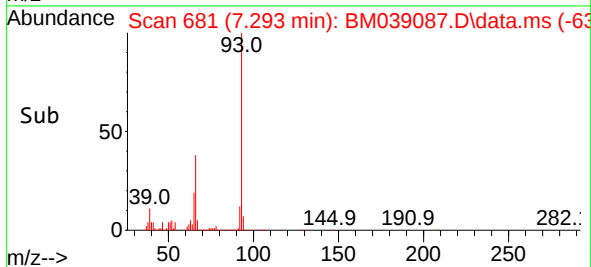
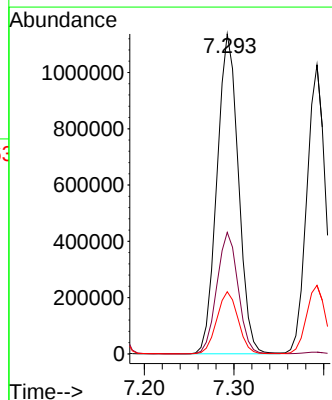
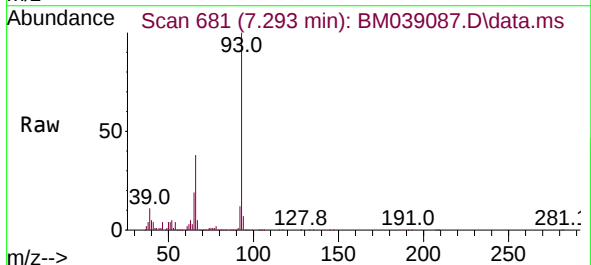
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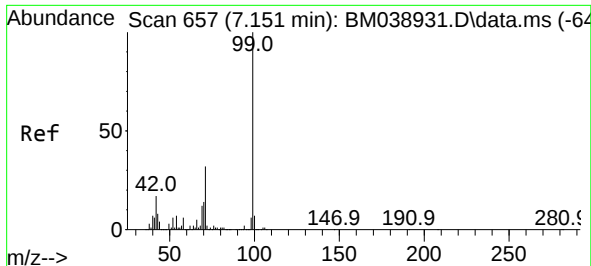
Tgt Ion:112 Resp: 3195332
Ion Ratio Lower Upper
112 100
64 56.4 45.9 68.9
63 29.0 23.8 35.8



#6
Aniline
Concen: 40.632 ng
RT: 7.293 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM039087.D
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Tgt Ion: 93 Resp: 1898439
Ion Ratio Lower Upper
93 100
66 38.0 30.0 45.0
65 19.4 15.8 23.6



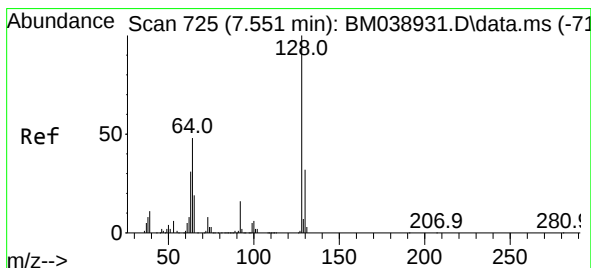
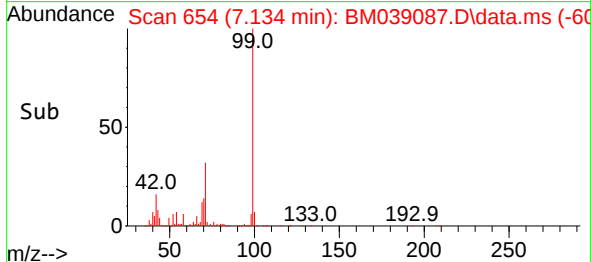
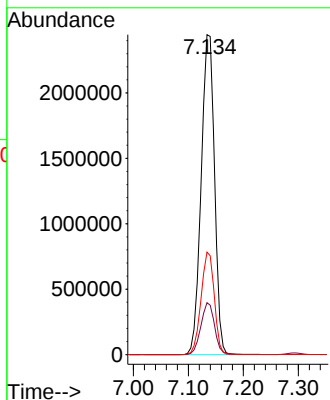
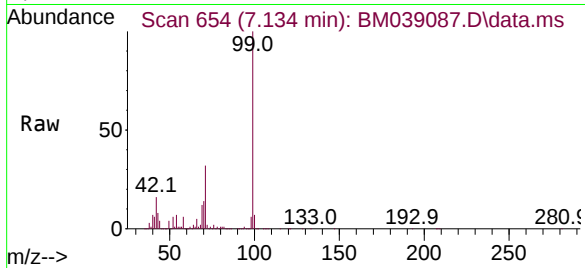


#7
Phenol-d6
Concen: 115.994 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
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Tgt Ion: 99 Resp: 4127582

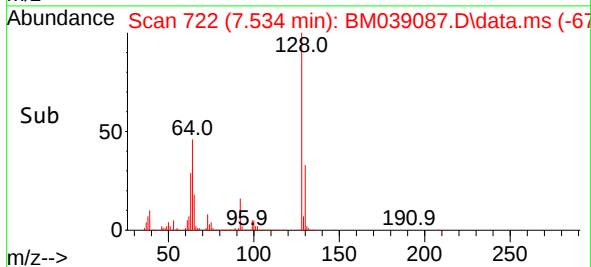
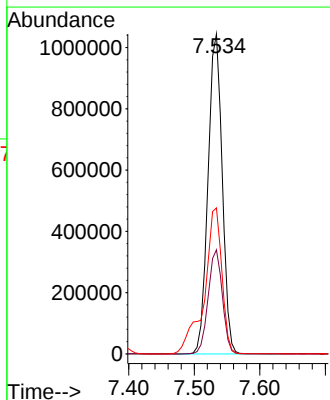
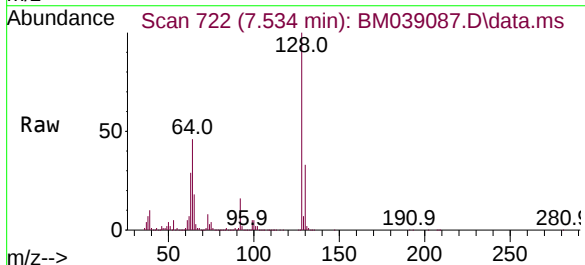
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.0	25.6	38.4

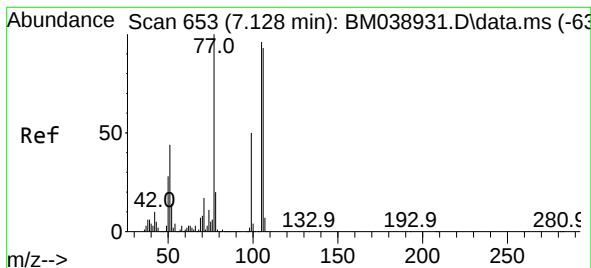


#8
2-Chlorophenol
Concen: 53.757 ng
RT: 7.534 min Scan# 722
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion: 128 Resp: 1567903

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.9	51.9
64	45.6	28.6	68.6





#9

Benzaldehyde

Concen: 33.463 ng

RT: 7.098 min Scan# 64

Delta R.T. -0.006 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

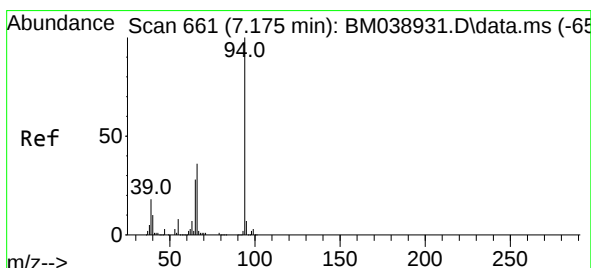
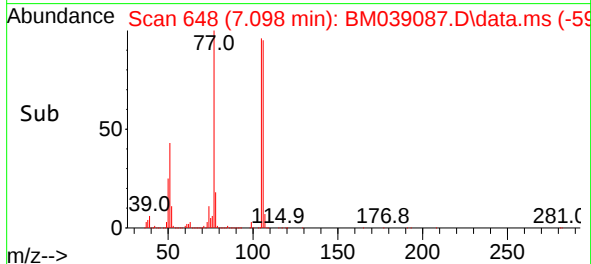
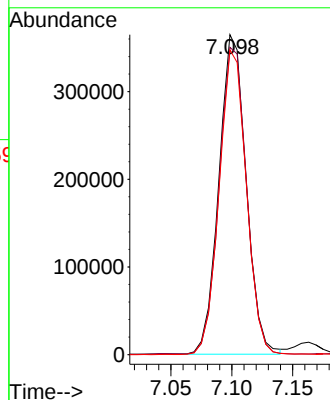
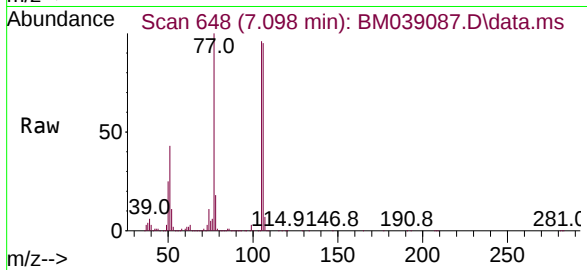
Tgt Ion: 77 Resp: 566628

Ion Ratio Lower Upper

77 100

105 96.0 75.8 115.8

106 95.2 72.6 112.6



#10

Phenol

Concen: 53.324 ng

RT: 7.163 min Scan# 659

Delta R.T. 0.006 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

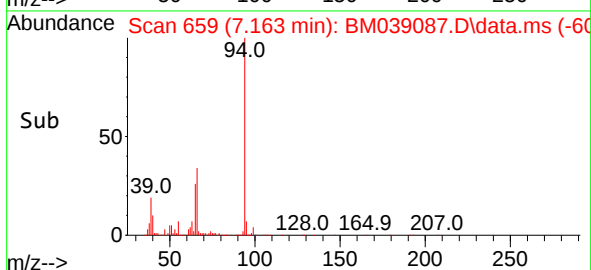
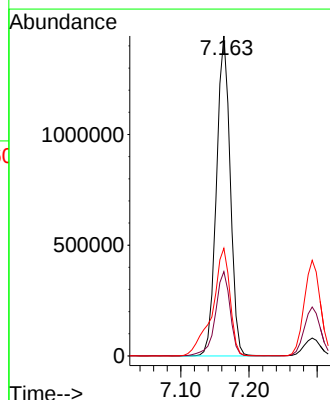
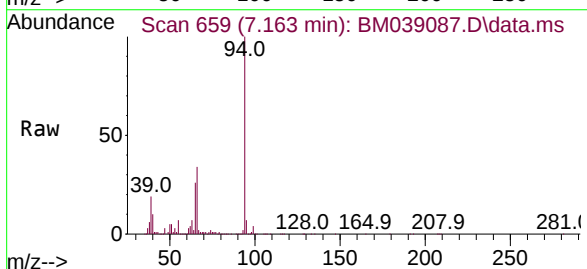
Tgt Ion: 94 Resp: 2015026

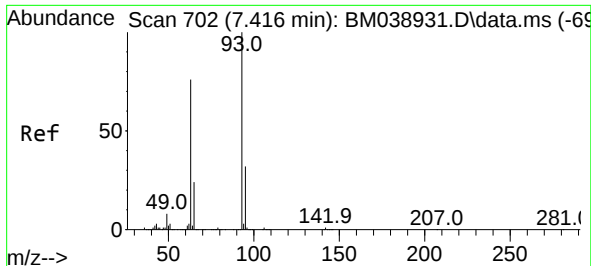
Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

66 33.6 15.8 55.8

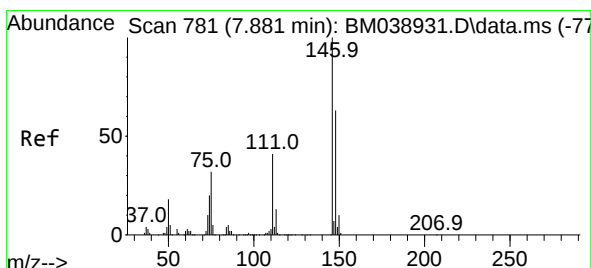
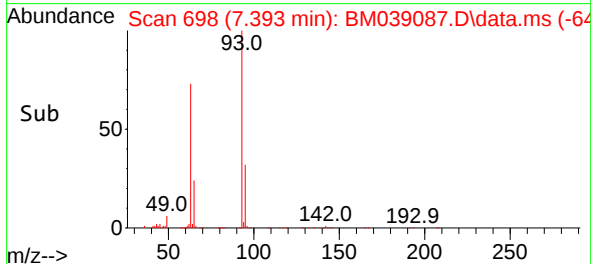
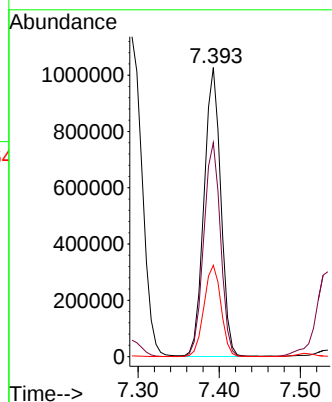
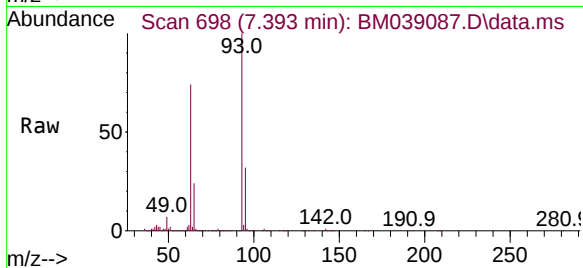




#11
bis(2-Chloroethyl)ether
Concen: 48.013 ng
RT: 7.393 min Scan# 69
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

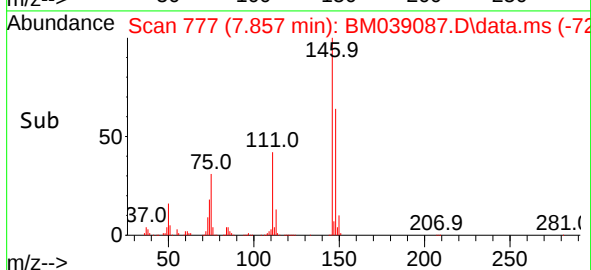
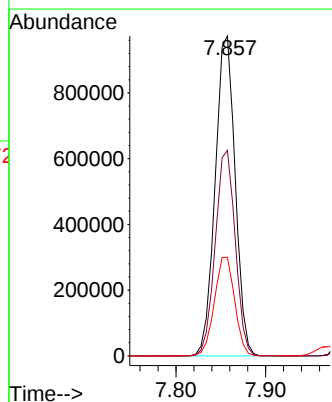
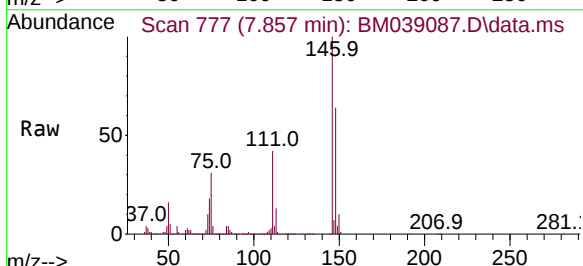
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

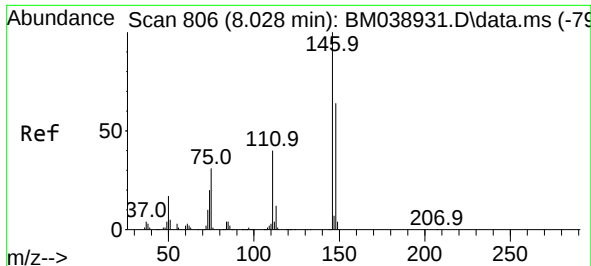
Tgt Ion: 93 Resp: 1475113
Ion Ratio Lower Upper
93 100
63 74.1 55.8 95.8
95 31.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.779 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:146 Resp: 1511926
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 30.9 26.0 39.0

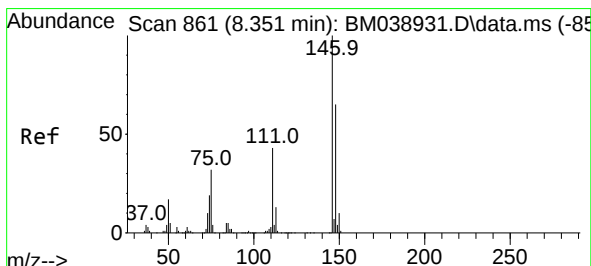
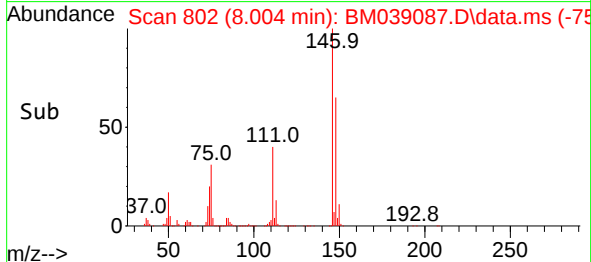
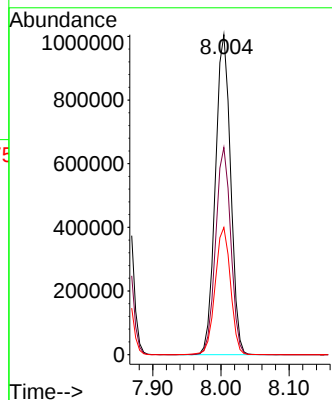
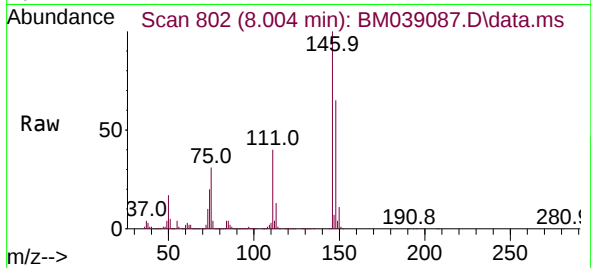




#13
1,4-Dichlorobenzene
Concen: 49.133 ng
RT: 8.004 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

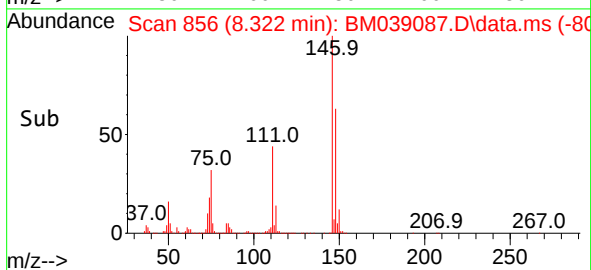
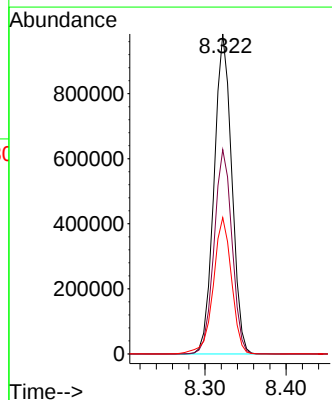
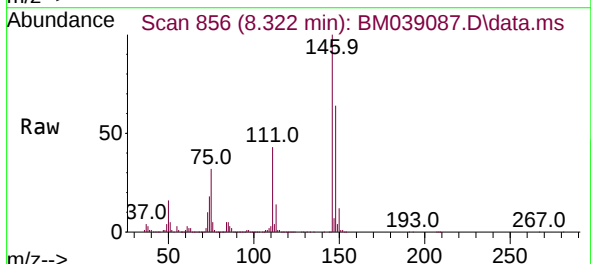
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

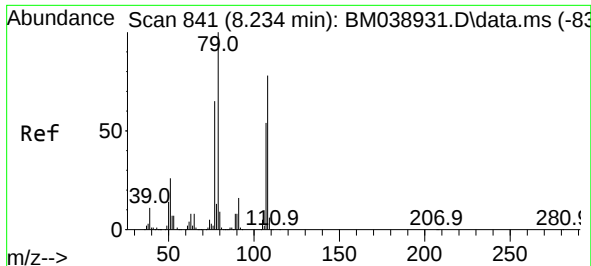
Tgt Ion:146 Resp: 1548840
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
111 39.7 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 49.014 ng
RT: 8.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:146 Resp: 1488338
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
111 42.6 34.2 51.4

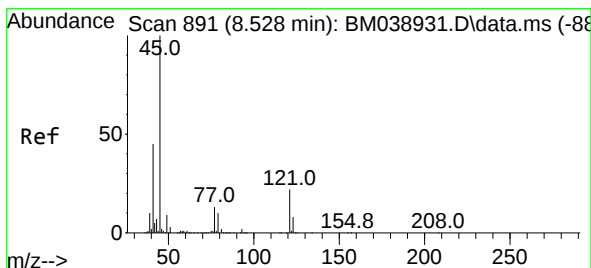
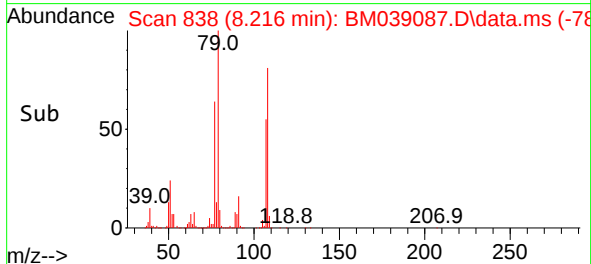
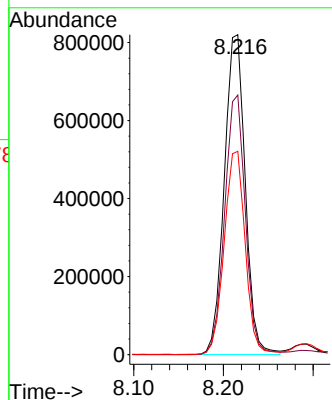
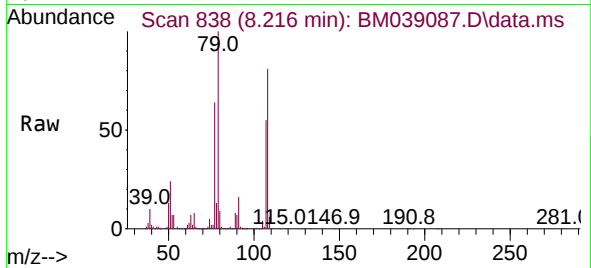




#15
Benzyl Alcohol
Concen: 52.335 ng
RT: 8.216 min Scan# 841
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

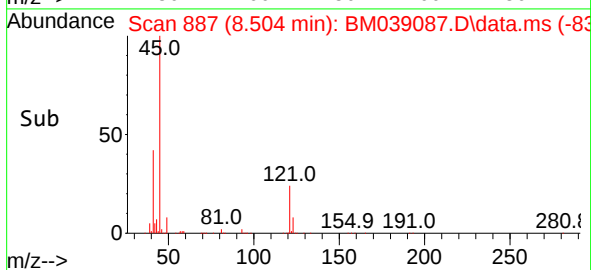
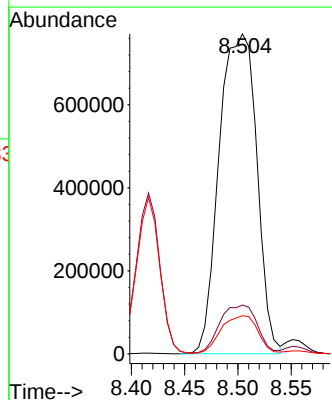
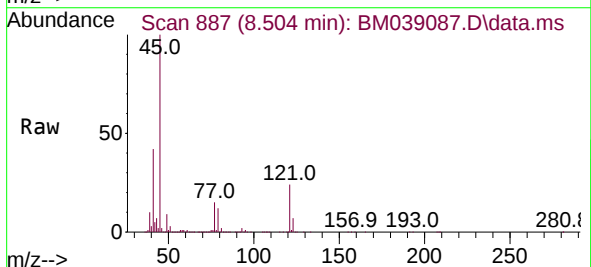
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

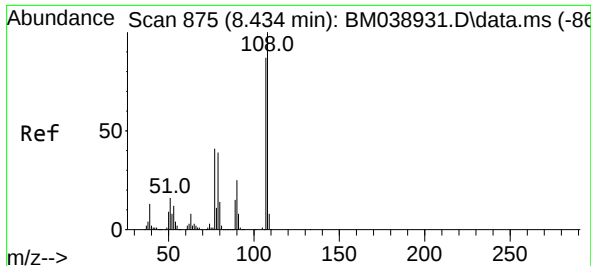
Tgt Ion: 79 Resp: 1334817
Ion Ratio Lower Upper
79 100
108 81.1 62.4 93.6
77 63.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.711 ng
RT: 8.504 min Scan# 887
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion: 45 Resp: 1890067
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.8
79 11.9 0.0 31.5

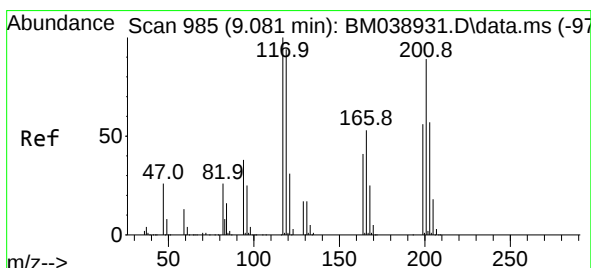
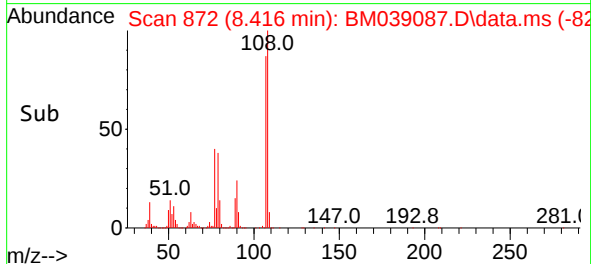
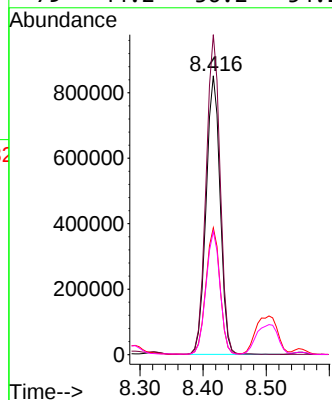
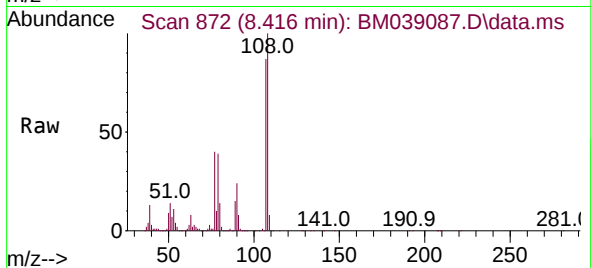




#17
2-Methylphenol
Concen: 50.535 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

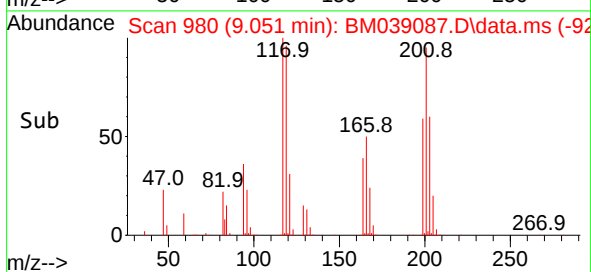
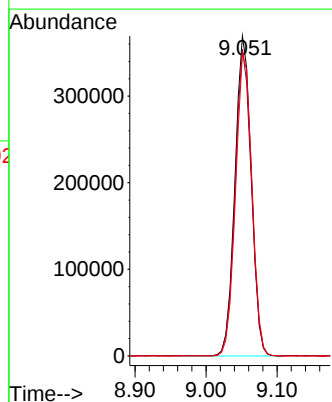
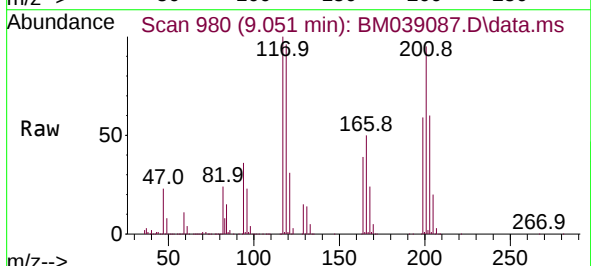
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

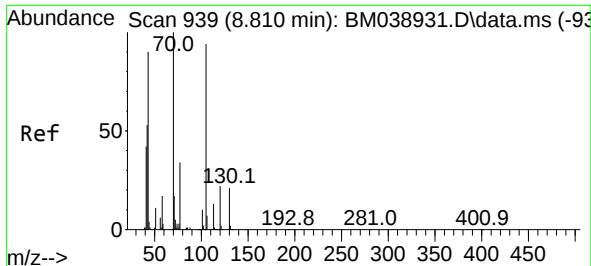
Tgt Ion:107 Resp: 1311808
Ion Ratio Lower Upper
107 100
108 114.8 91.7 137.5
77 45.5 37.4 56.2
79 44.2 36.2 54.2



#18
Hexachloroethane
Concen: 50.715 ng
RT: 9.051 min Scan# 980
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:117 Resp: 589858
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.0
201 94.5 71.3 106.9

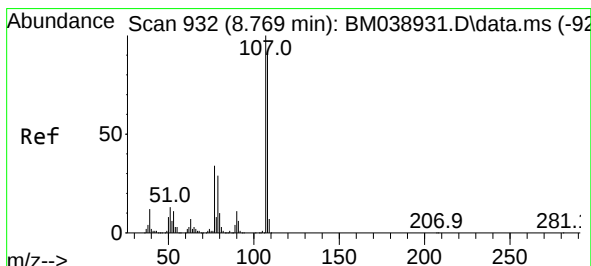
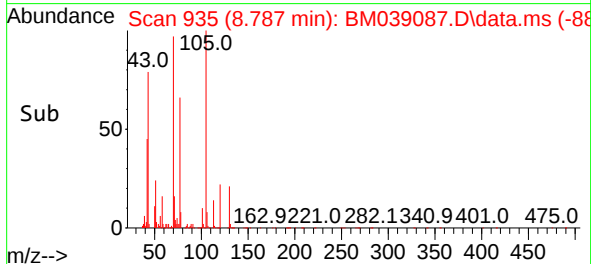
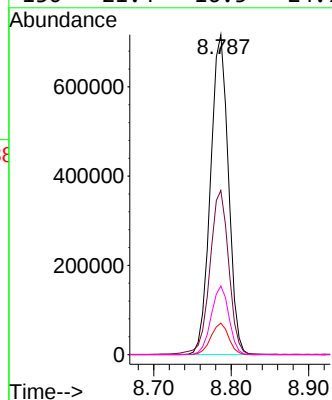
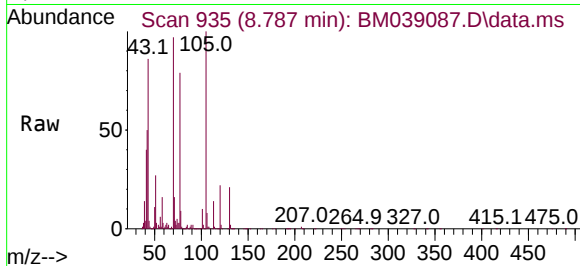




#19
n-Nitroso-di-n-propylamine
Concen: 51.304 ng
RT: 8.787 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

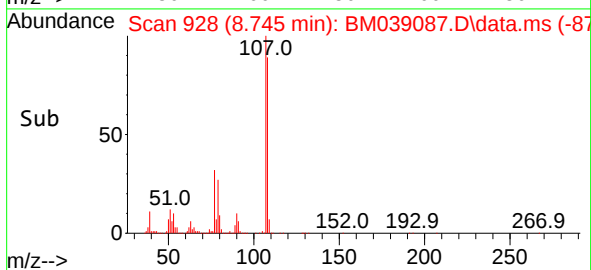
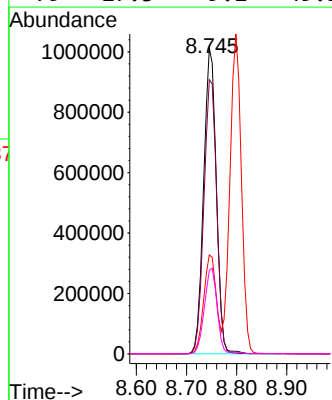
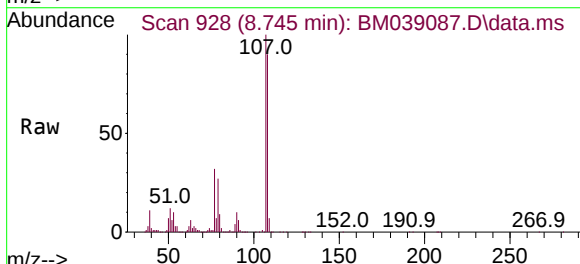
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

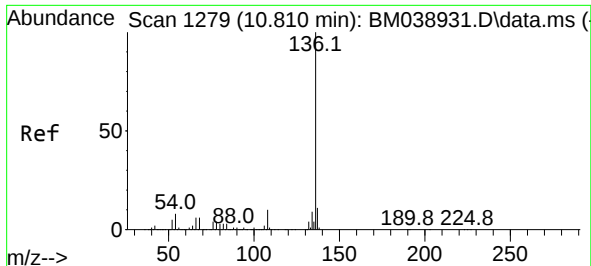
Tgt Ion: 70 Resp: 1149891
Ion Ratio Lower Upper
70 100
42 51.3 43.4 65.2
101 9.8 7.6 11.4
130 21.4 16.5 24.7



#20
3+4-Methylphenols
Concen: 51.243 ng
RT: 8.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion: 107 Resp: 1776132
Ion Ratio Lower Upper
107 100
108 89.7 71.8 111.8
77 32.4 13.6 53.6
79 27.3 9.2 49.2

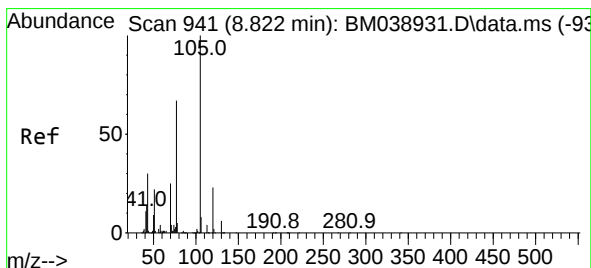
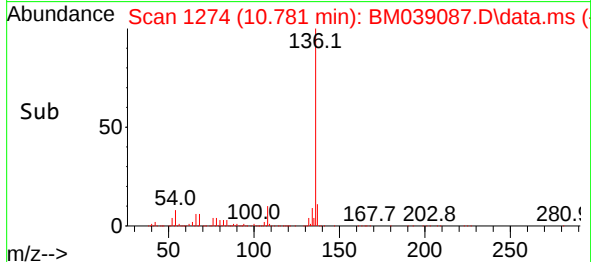
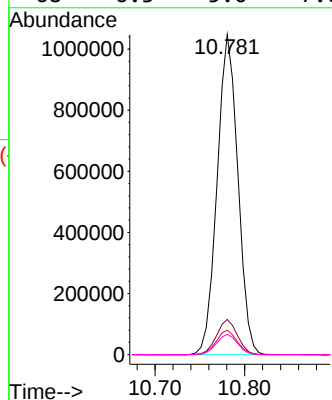
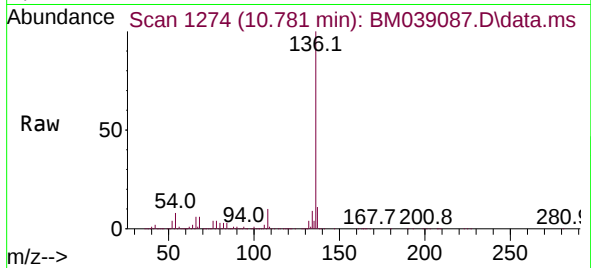




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

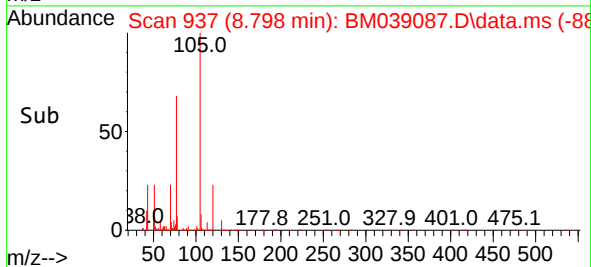
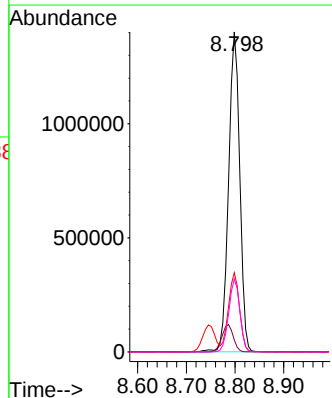
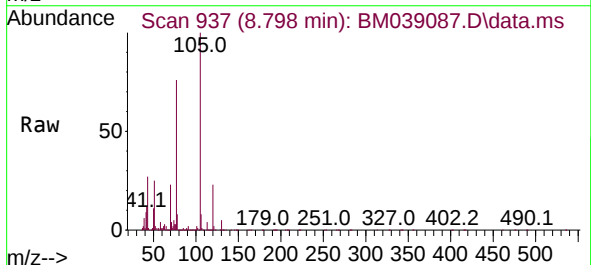
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

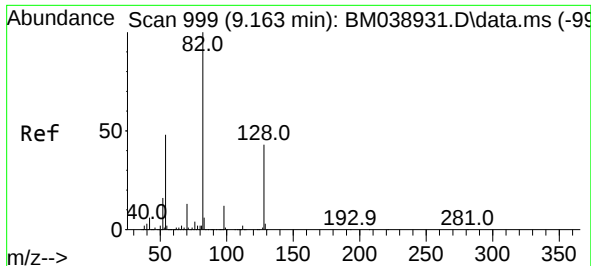
Tgt Ion:136 Resp: 1689846
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.6 6.3 9.5
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 46.881 ng
RT: 8.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:105 Resp: 2222691
Ion Ratio Lower Upper
105 100
71 3.7 3.4 5.0
51 24.7 21.0 31.4
120 22.8 18.1 27.1

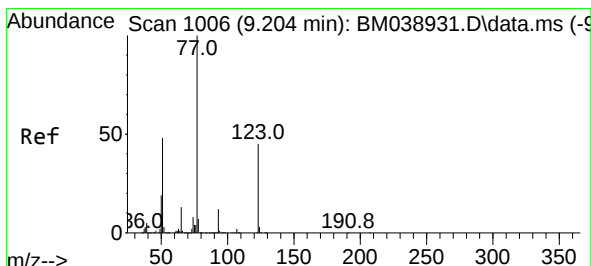
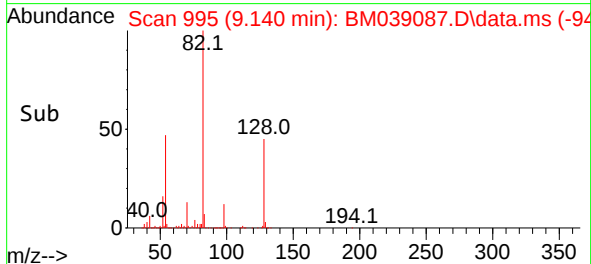
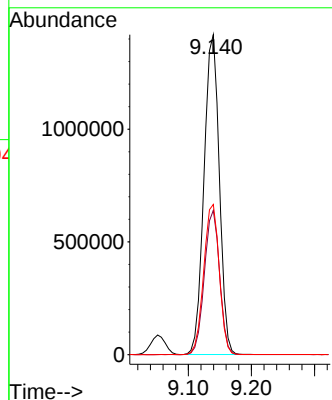
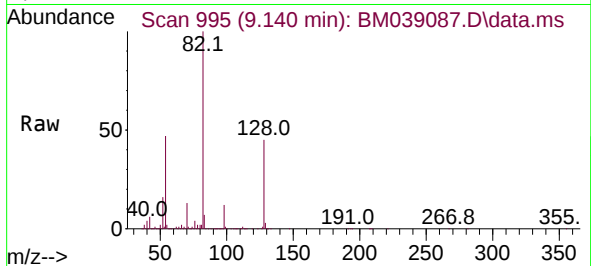




#23
Nitrobenzene-d5
Concen: 69.522 ng
RT: 9.140 min Scan# 99
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

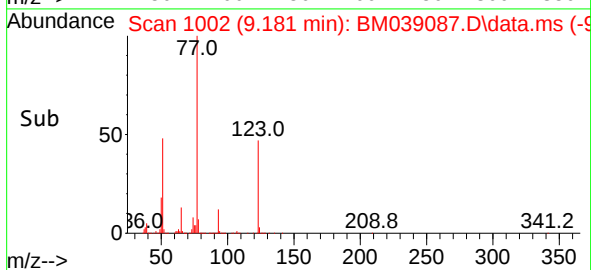
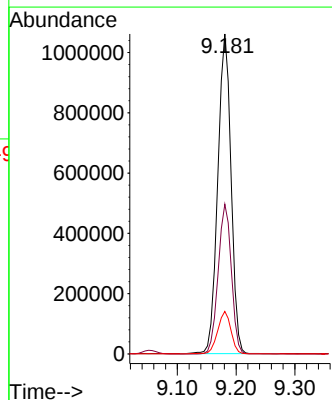
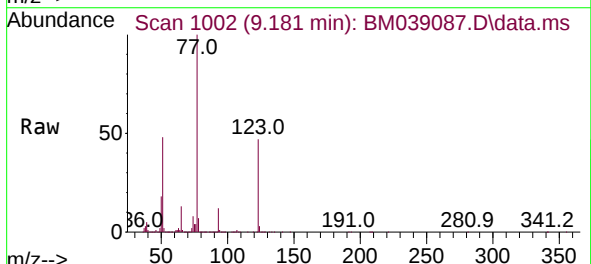
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

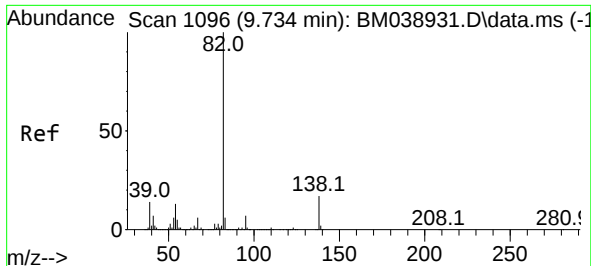
Tgt Ion: 82 Resp: 2391676
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 46.9 38.8 58.2



#24
Nitrobenzene
Concen: 45.939 ng
RT: 9.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion: 77 Resp: 1661078
Ion Ratio Lower Upper
77 100
123 46.8 35.8 53.6
65 13.3 10.2 15.4

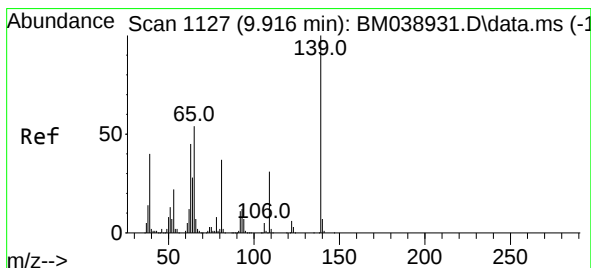
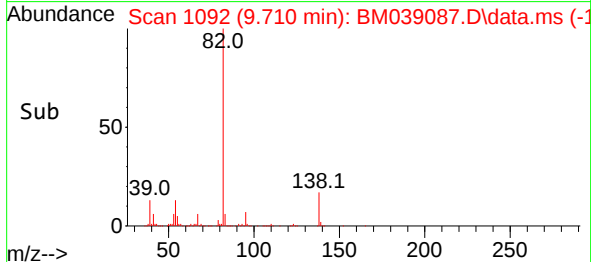
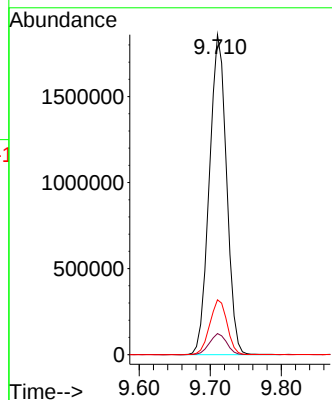
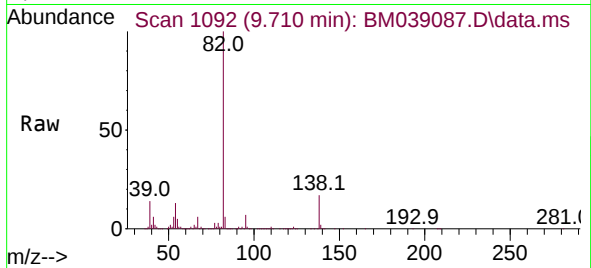




#25
Isophorone
Concen: 49.328 ng
RT: 9.710 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

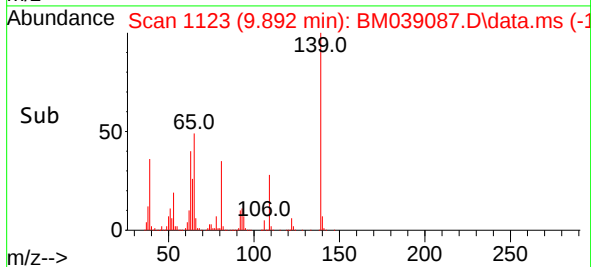
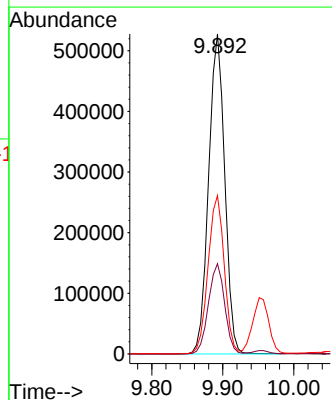
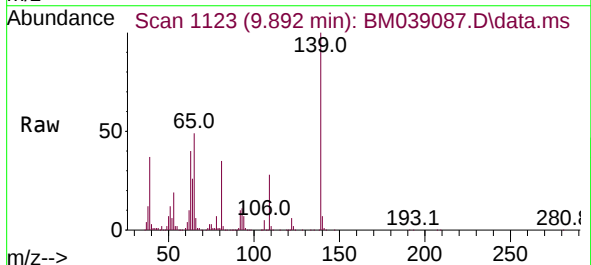
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

Tgt Ion: 82 Resp: 3122756
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.1 13.6 20.4



#26
2-Nitrophenol
Concen: 51.752 ng
RT: 9.892 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:139 Resp: 830244
Ion Ratio Lower Upper
139 100
109 28.2 24.5 36.7
65 49.5 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 53.230 ng

RT: 9.957 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

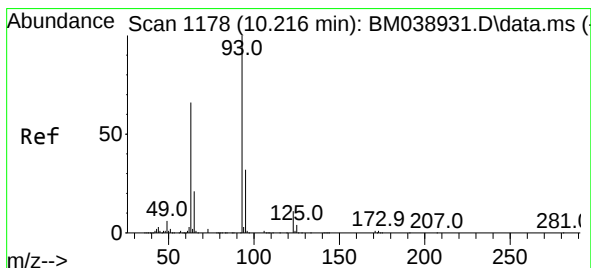
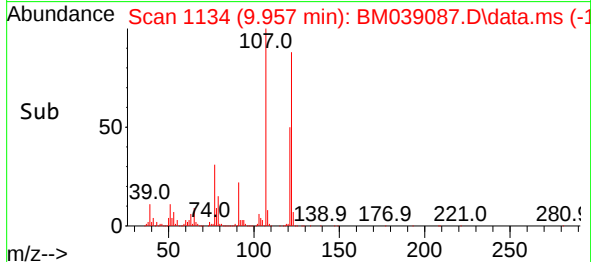
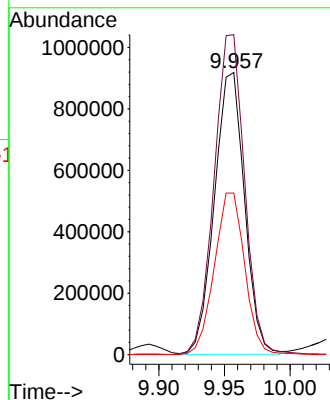
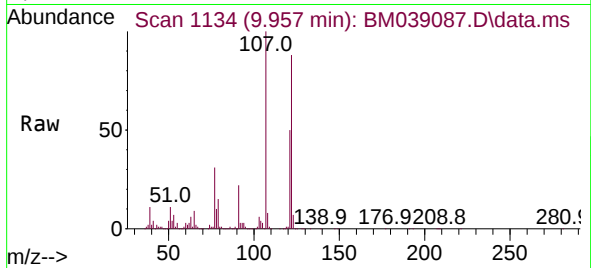
Tgt Ion:122 Resp: 1468301

Ion Ratio Lower Upper

122 100

107 113.4 91.0 136.4

121 57.3 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 49.423 ng

RT: 10.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

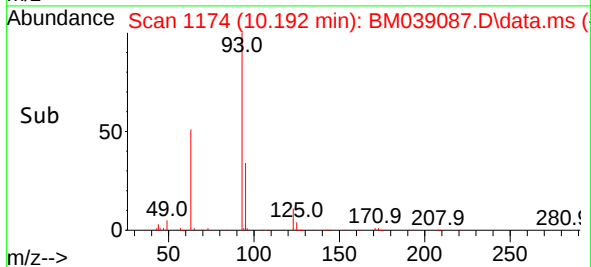
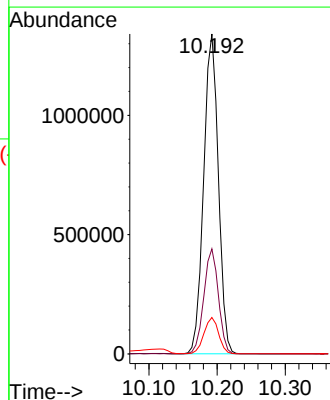
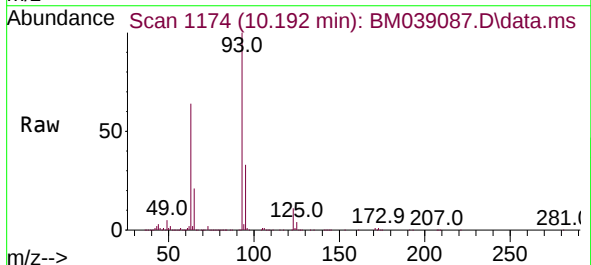
Tgt Ion: 93 Resp: 2010352

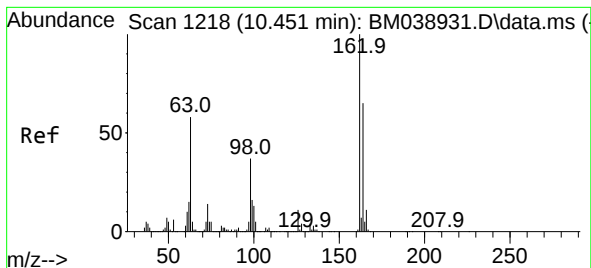
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 54.017 ng

RT: 10.428 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

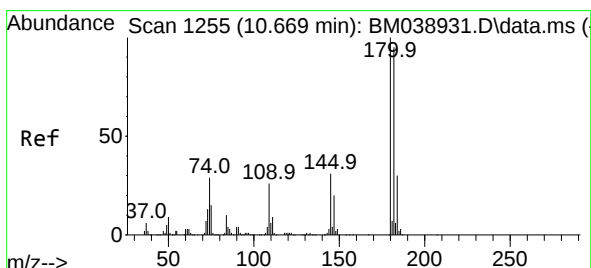
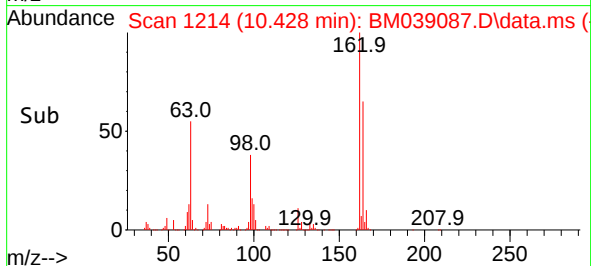
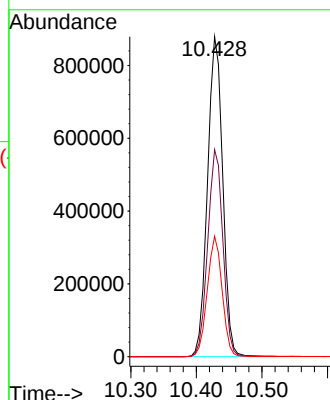
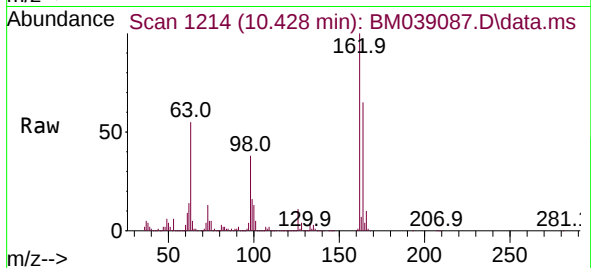
Tgt Ion:162 Resp: 1412659

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

98 37.6 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 48.623 ng

RT: 10.645 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

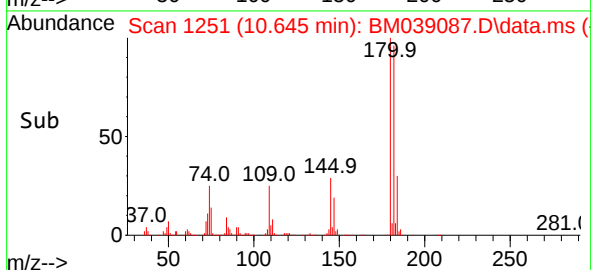
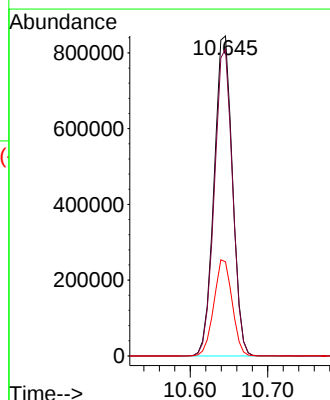
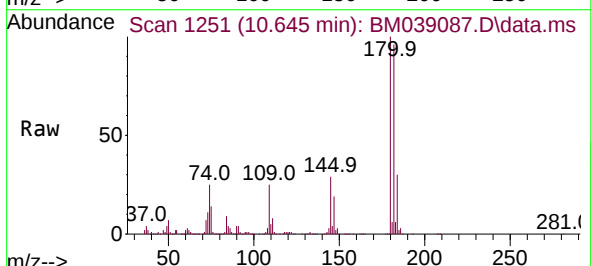
Tgt Ion:180 Resp: 1389561

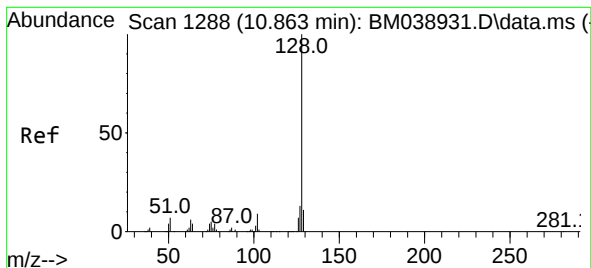
Ion Ratio Lower Upper

180 100

182 95.9 76.3 114.5

145 29.4 25.0 37.4

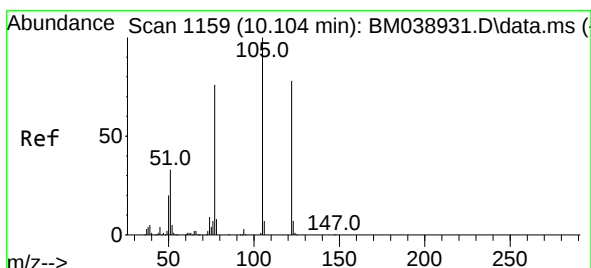
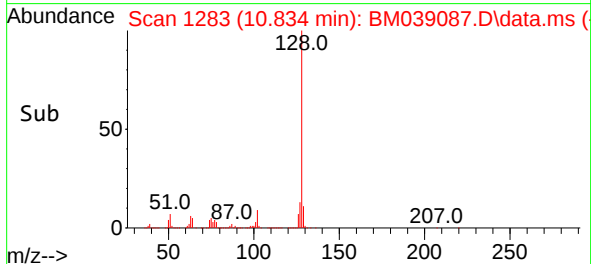
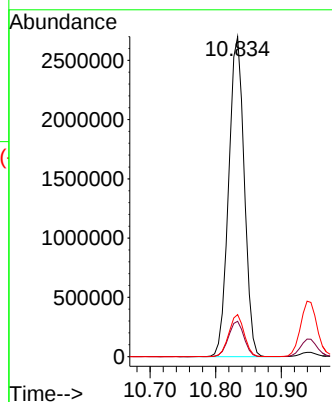
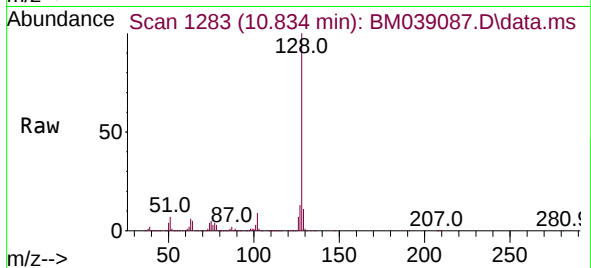




#31
Naphthalene
Concen: 46.132 ng
RT: 10.834 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

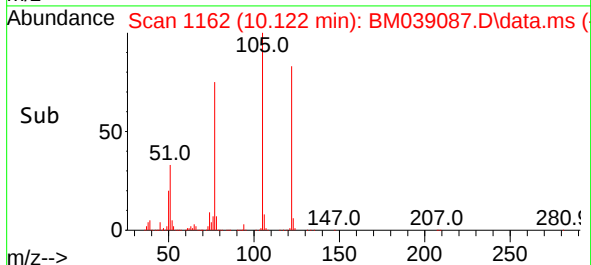
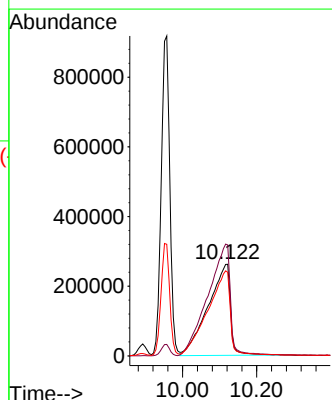
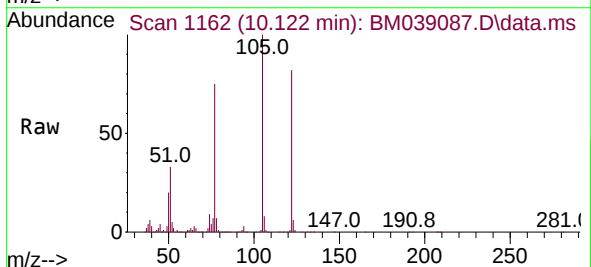
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

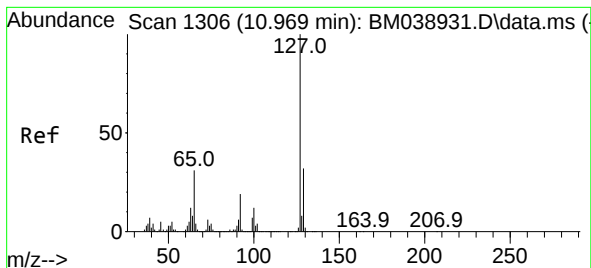
Tgt Ion:128 Resp: 4445233
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 53.499 ng
RT: 10.122 min Scan# 1162
Delta R.T. 0.035 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:122 Resp: 1097850
Ion Ratio Lower Upper
122 100
105 121.3 104.2 144.2
77 91.4 75.1 115.1





#33

4-Chloroaniline

Concen: 20.371 ng

RT: 10.939 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

Tgt Ion:127 Resp: 836547

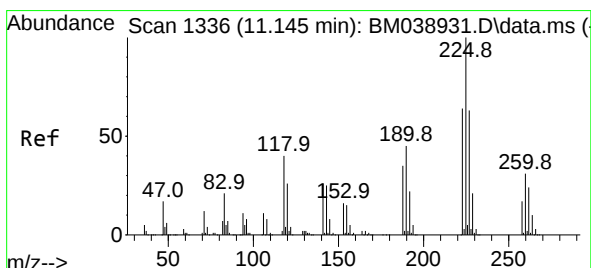
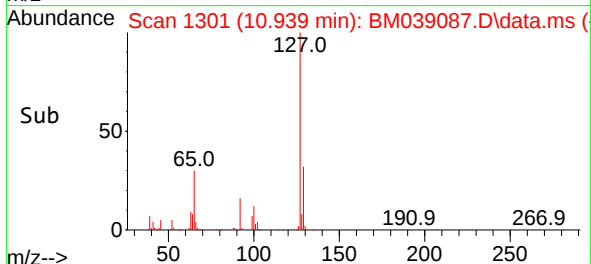
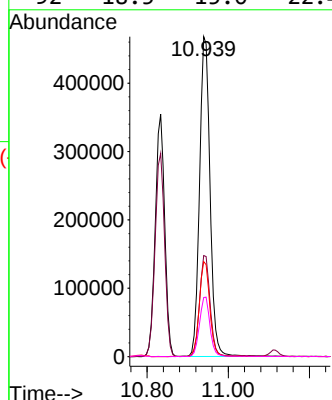
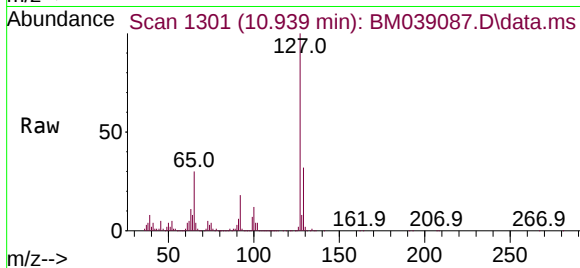
Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.2

65 29.7 24.4 36.6

92 18.5 15.0 22.4



#34

Hexachlorobutadiene

Concen: 47.873 ng

RT: 11.116 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

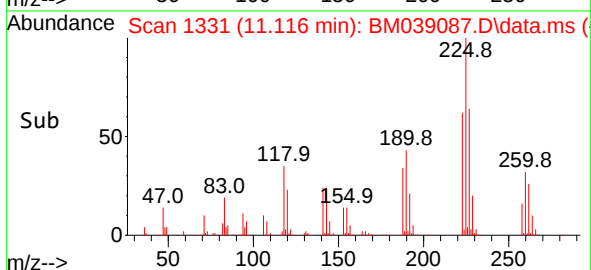
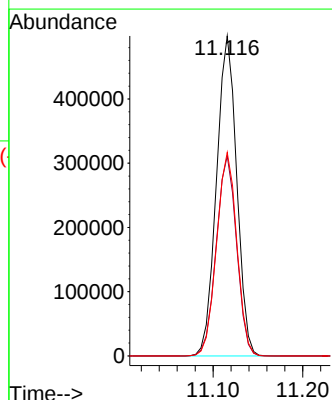
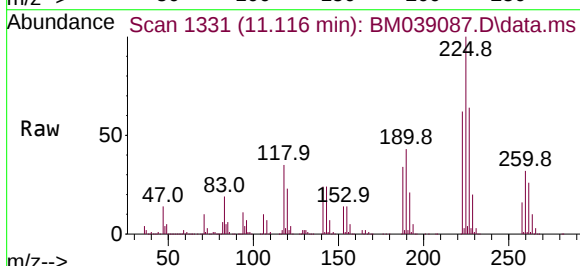
Tgt Ion:225 Resp: 784554

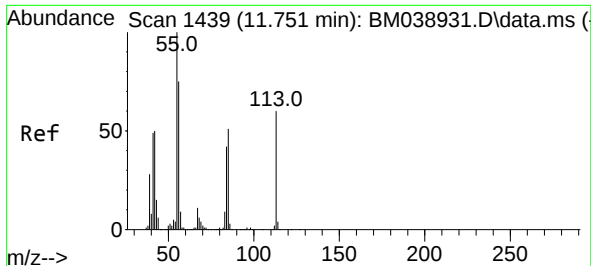
Ion Ratio Lower Upper

225 100

223 62.5 51.3 76.9

227 63.6 50.6 76.0

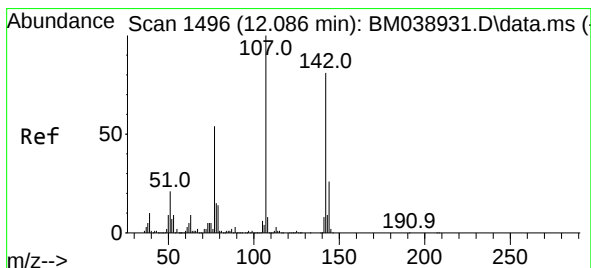
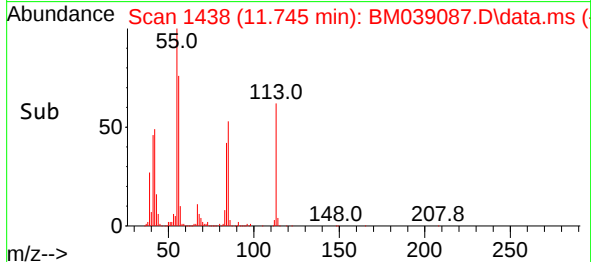
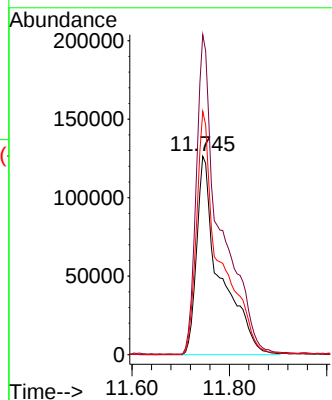
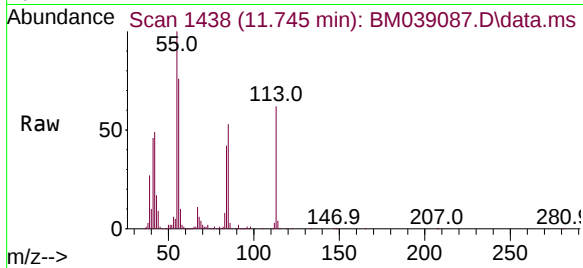




#35
 Caprolactam
 Concen: 52.582 ng
 RT: 11.745 min Scan# 1438
 Delta R.T. 0.012 min
 Lab File: BM039087.D
 Acq: 22 Mar 2023 11:38

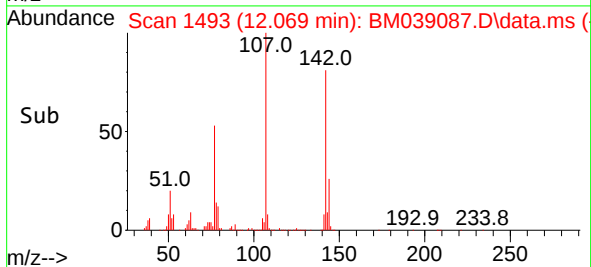
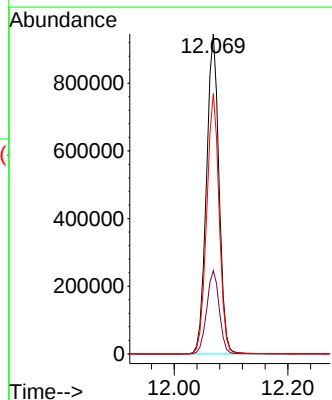
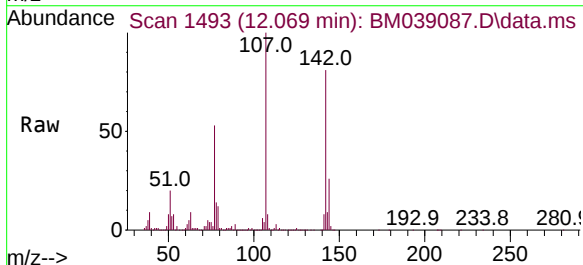
Instrument :
 BNA_M
 ClientSampleId :
 PB151573BSD

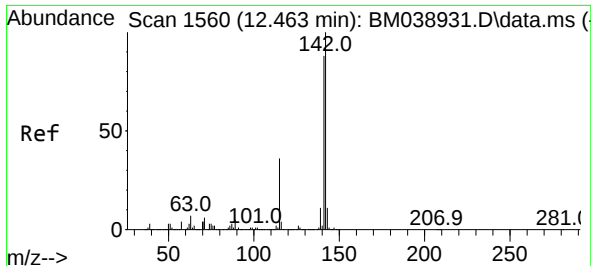
Tgt Ion:113 Resp: 418526
 Ion Ratio Lower Upper
 113 100
 55 161.3 147.0 187.0
 56 122.7 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 52.105 ng
 RT: 12.069 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: BM039087.D
 Acq: 22 Mar 2023 11:38

Tgt Ion:107 Resp: 1451015
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.7 31.1
 142 81.3 64.6 97.0

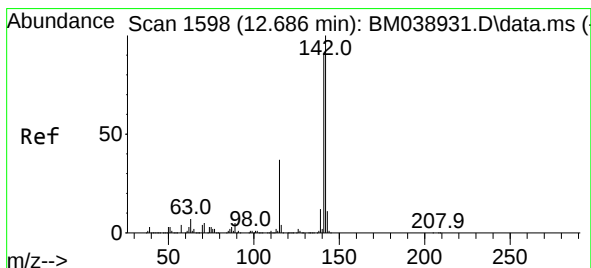
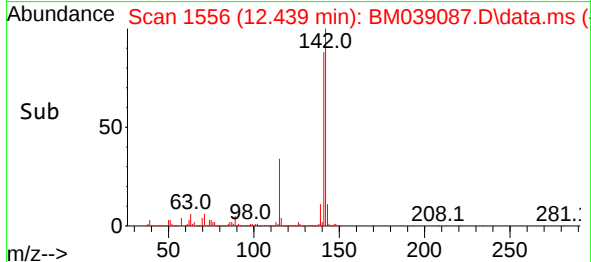
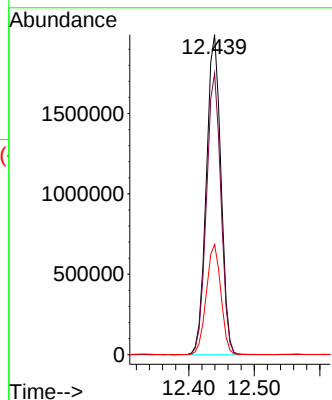
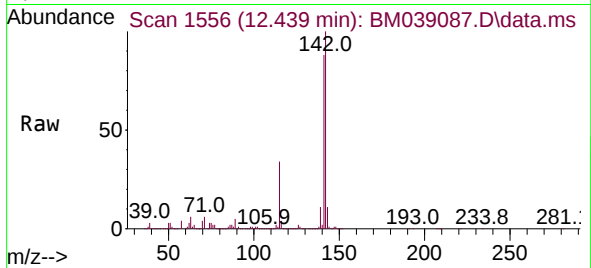




#37
2-Methylnaphthalene
Concen: 47.325 ng
RT: 12.439 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

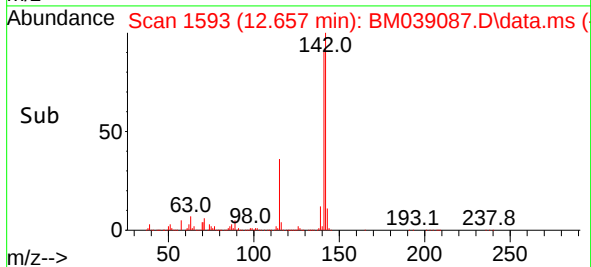
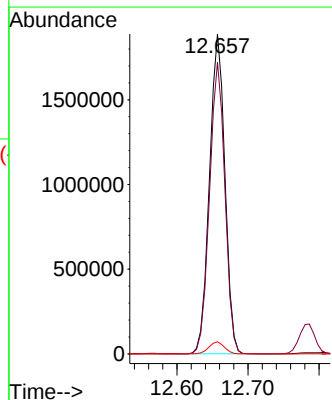
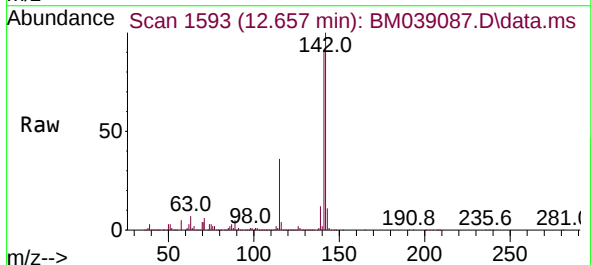
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

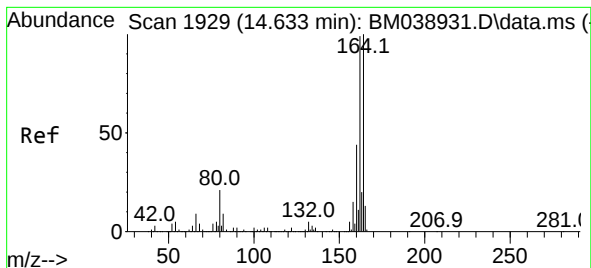
Tgt Ion:142 Resp: 3056459
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0
115 34.4 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.898 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:142 Resp: 2838451
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

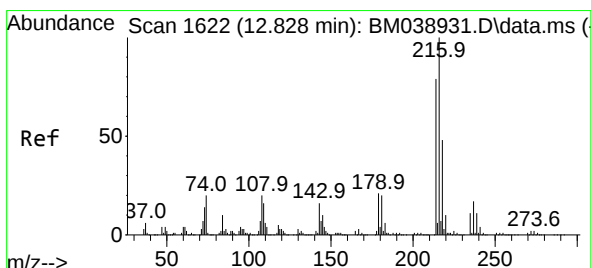
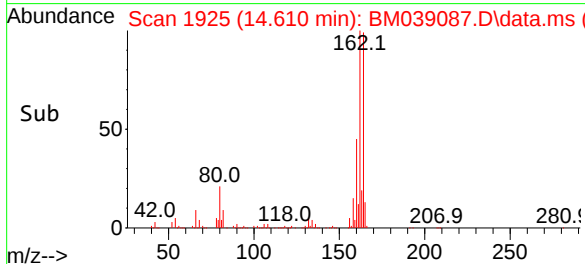
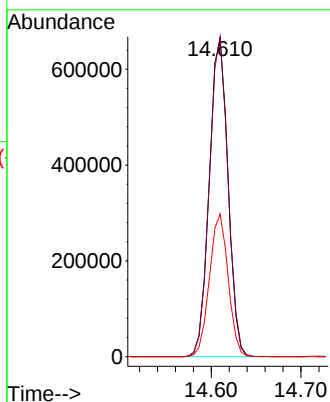
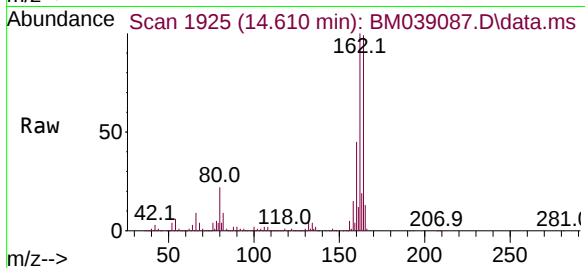
Tgt Ion:164 Resp: 961688

Ion Ratio Lower Upper

164 100

162 100.9 79.2 118.8

160 45.0 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.290 ng

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Tgt Ion:216 Resp: 1478473

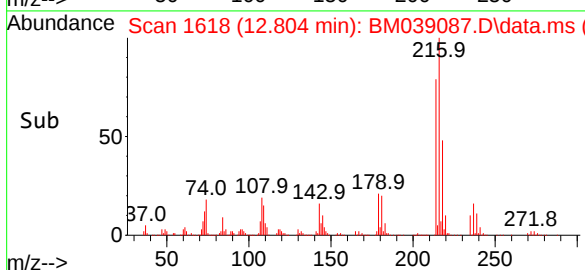
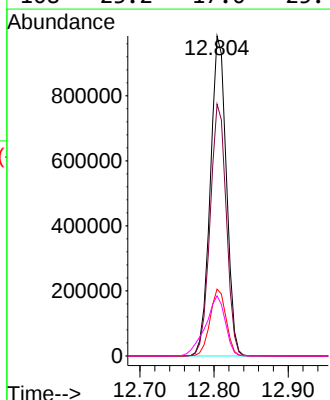
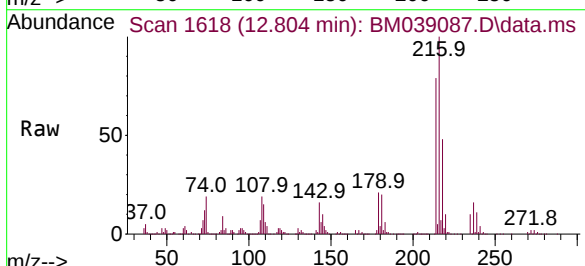
Ion Ratio Lower Upper

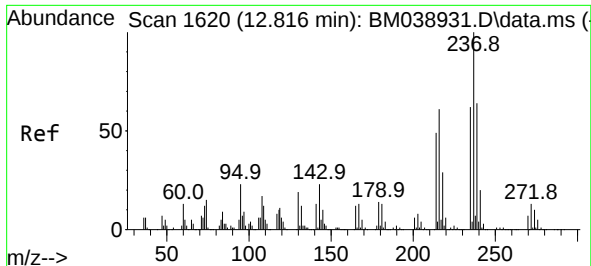
216 100

214 79.2 63.0 94.4

179 20.8 16.8 25.2

108 23.2 17.0 25.4

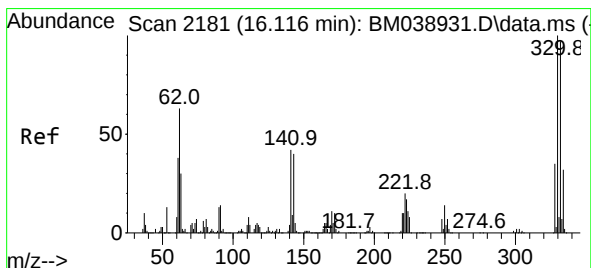
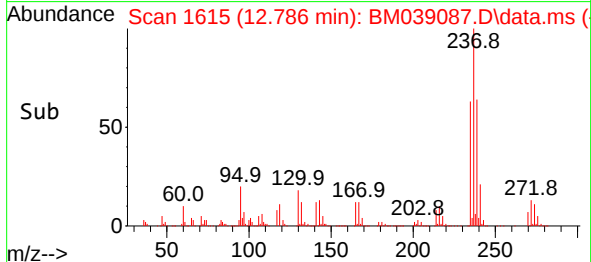
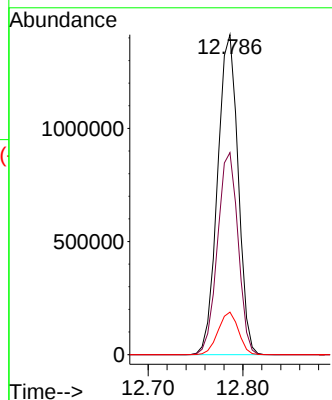
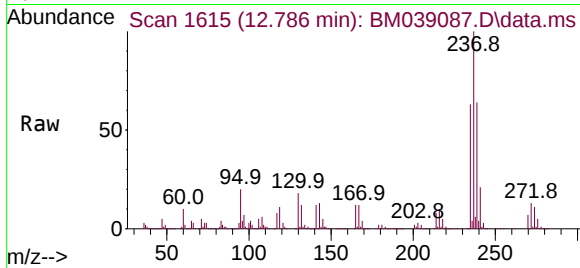




#41
Hexachlorocyclopentadiene
Concen: 124.003 ng
RT: 12.786 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

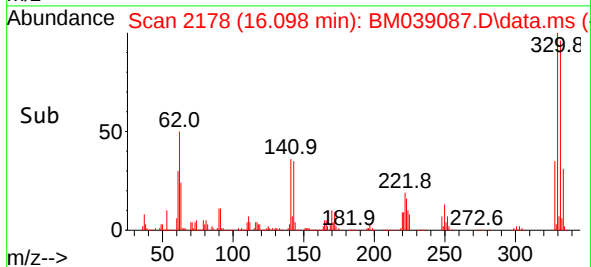
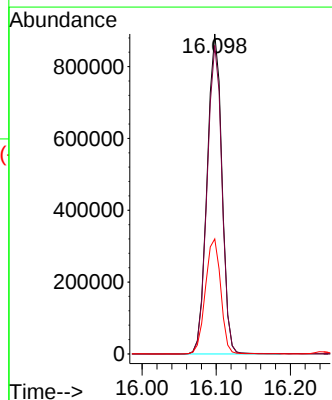
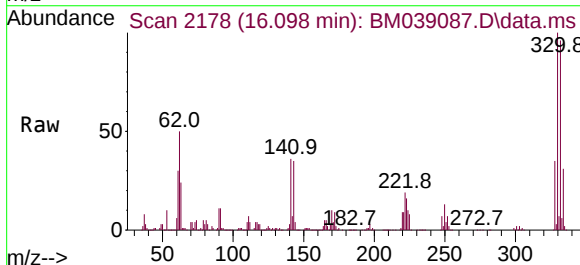
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

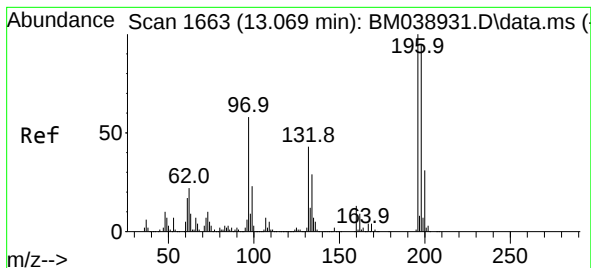
Tgt Ion:237 Resp: 2128017
Ion Ratio Lower Upper
237 100
235 63.1 41.7 81.7
272 13.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 111.042 ng
RT: 16.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:330 Resp: 1235361
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 37.2 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 52.040 ng

RT: 13.045 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

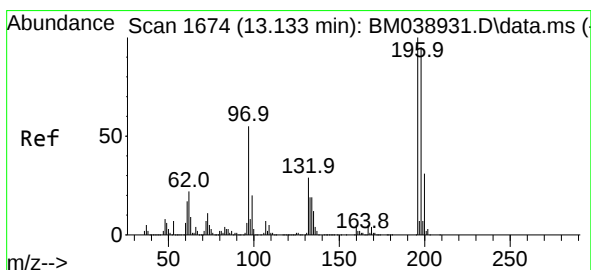
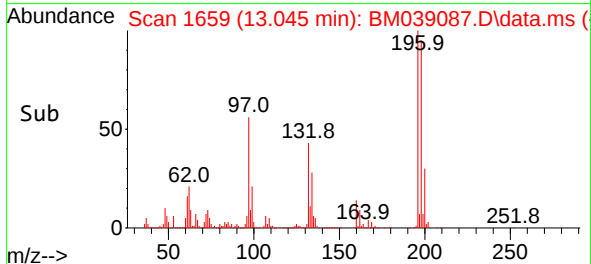
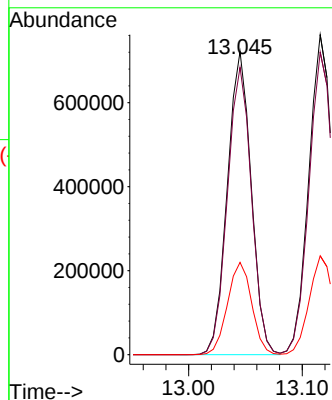
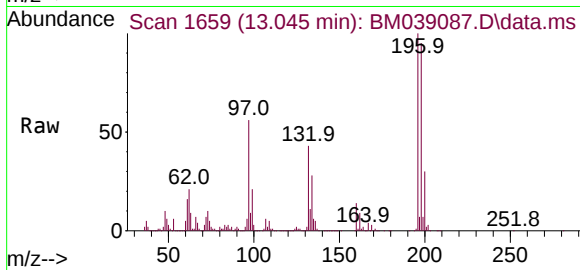
Tgt Ion:196 Resp: 1053561

Ion Ratio Lower Upper

196 100

198 94.7 75.8 113.8

200 30.4 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 47.711 ng

RT: 13.116 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Tgt Ion:196 Resp: 1130607

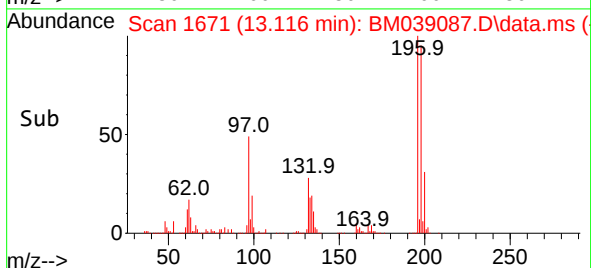
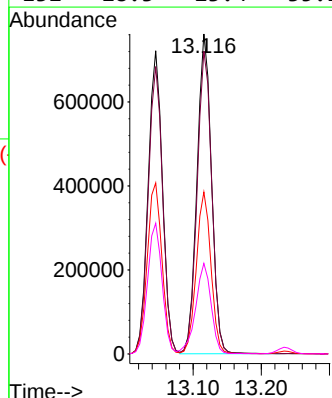
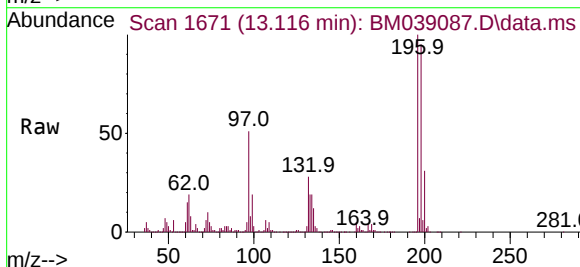
Ion Ratio Lower Upper

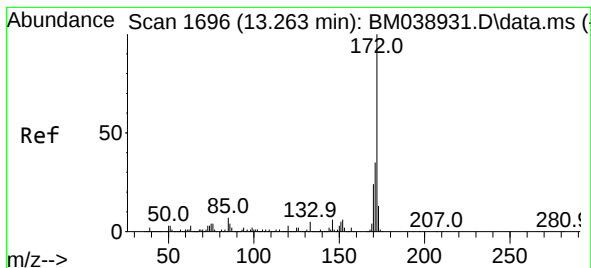
196 100

198 94.5 76.3 114.5

97 50.6 44.2 66.4

132 28.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 68.796 ng

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

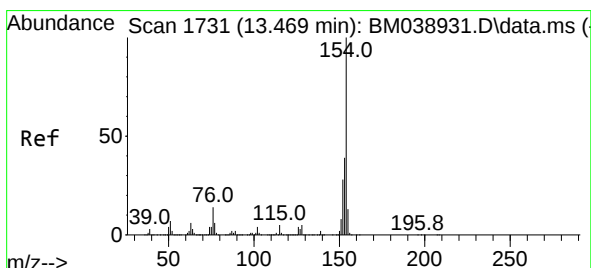
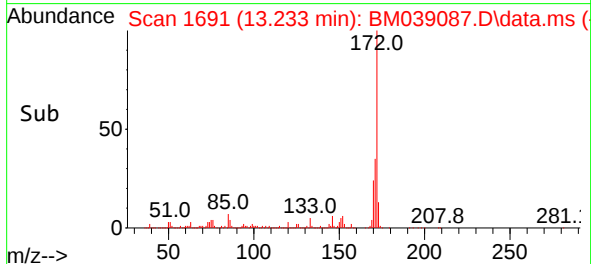
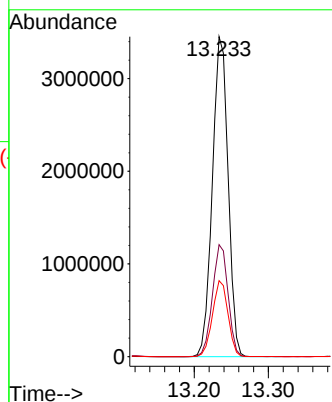
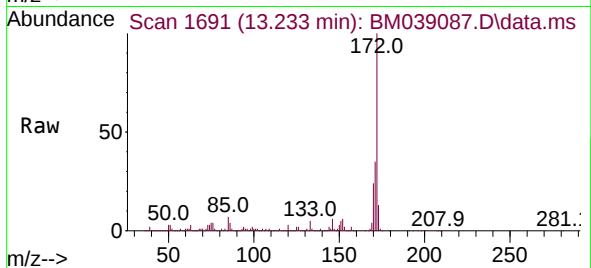
Tgt Ion:172 Resp: 5082256

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.627 ng

RT: 13.445 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

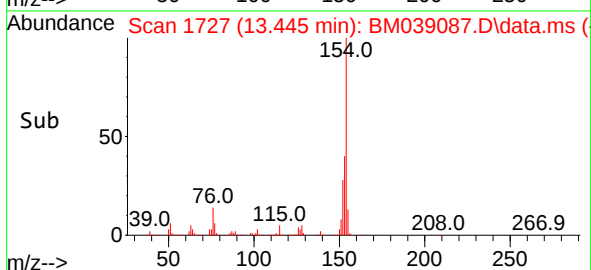
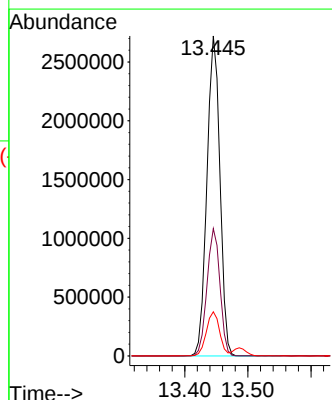
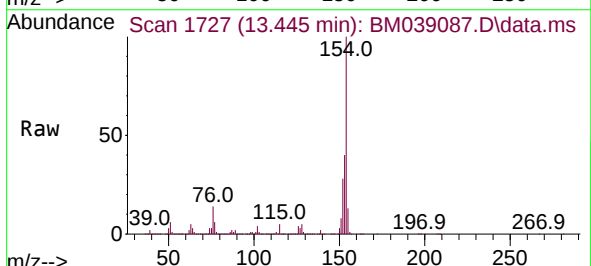
Tgt Ion:154 Resp: 3880239

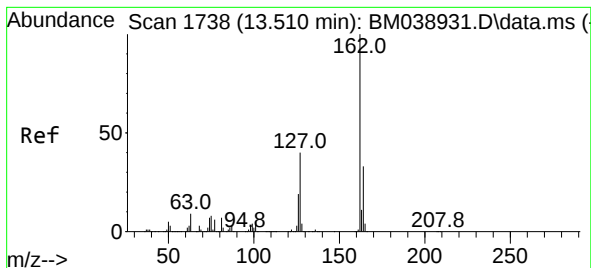
Ion Ratio Lower Upper

154 100

153 39.8 19.3 59.3

76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.961 ng

RT: 13.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

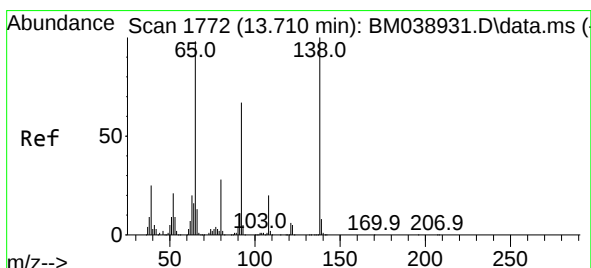
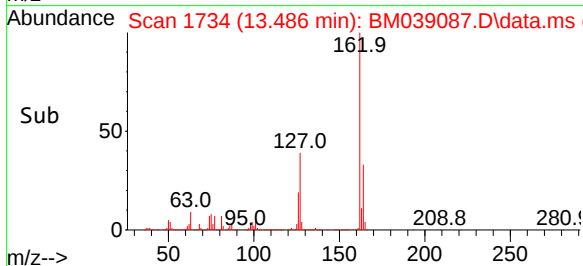
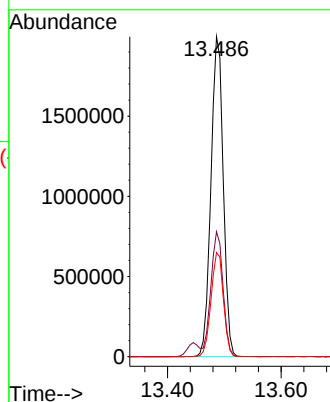
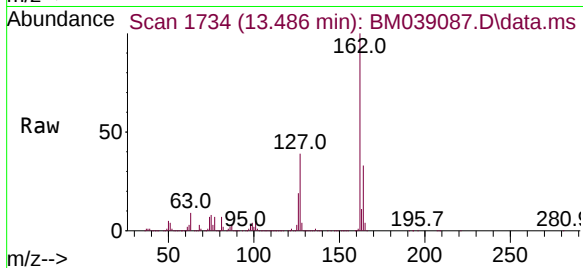
Tgt Ion:162 Resp: 3007935

Ion Ratio Lower Upper

162 100

127 39.0 32.1 48.1

164 32.5 26.2 39.4



#48

2-Nitroaniline

Concen: 46.800 ng

RT: 13.692 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

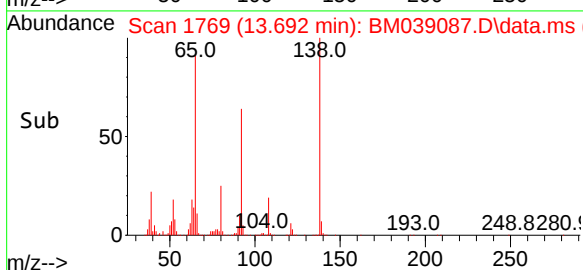
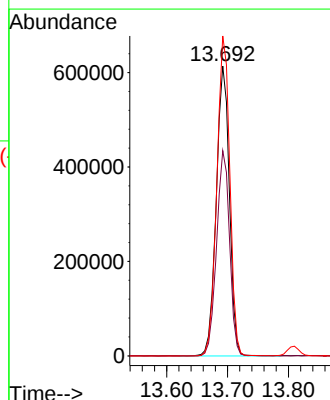
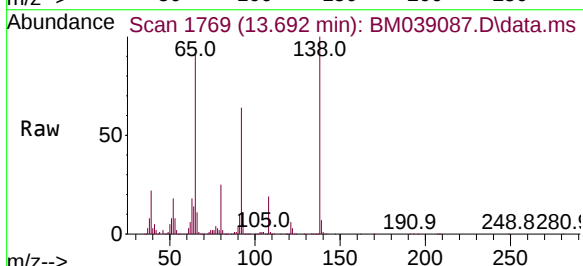
Tgt Ion: 65 Resp: 919411

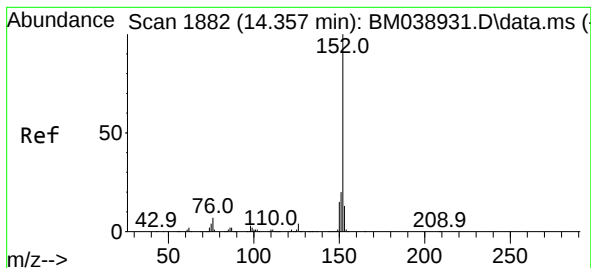
Ion Ratio Lower Upper

65 100

92 70.8 54.9 82.3

138 110.4 81.6 122.4





#49

Acenaphthylene

Concen: 47.854 ng

RT: 14.333 min Scan# 1882

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

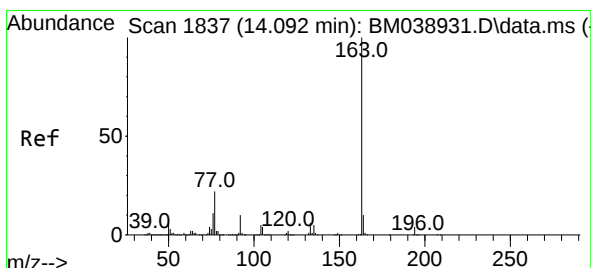
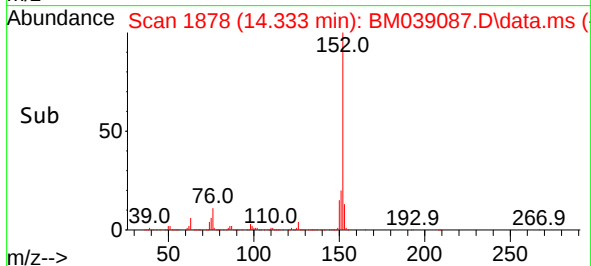
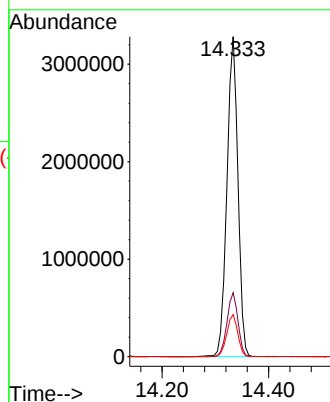
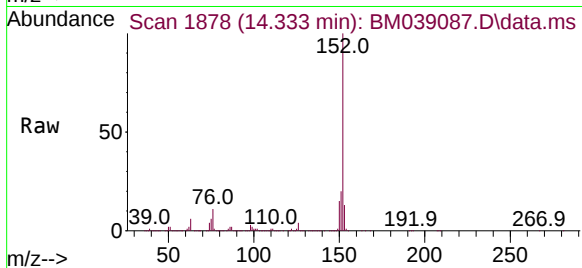
Tgt Ion:152 Resp: 4682894

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 47.655 ng

RT: 14.069 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

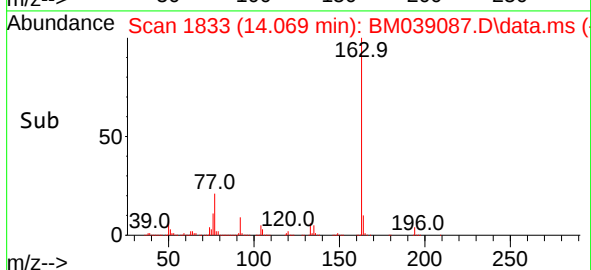
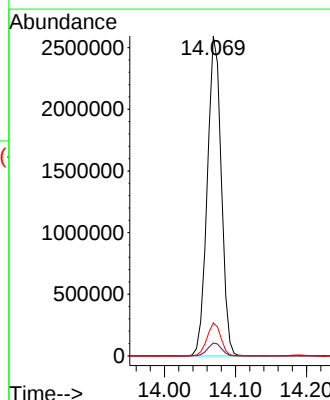
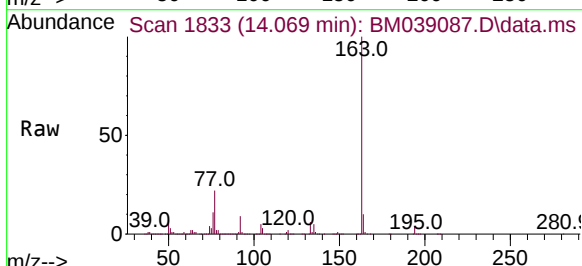
Tgt Ion:163 Resp: 3526479

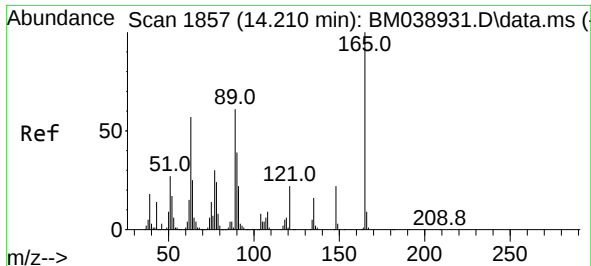
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.270 ng

RT: 14.186 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

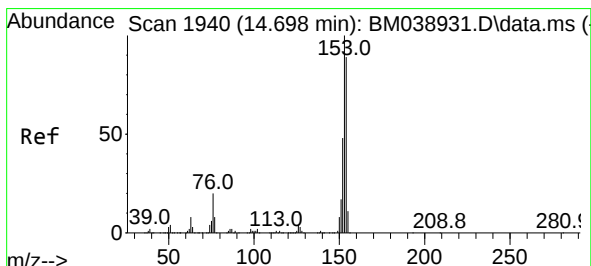
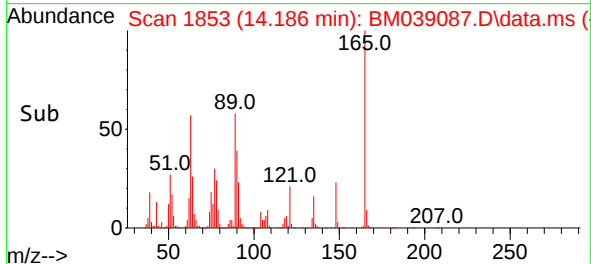
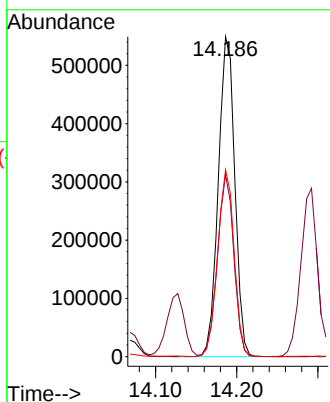
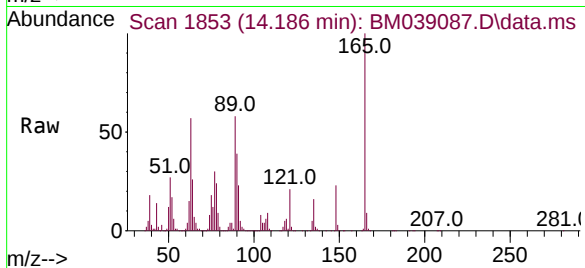
Tgt Ion:165 Resp: 773366

Ion Ratio Lower Upper

165 100

63 56.8 46.6 70.0

89 58.4 48.6 73.0



#52

Acenaphthene

Concen: 46.020 ng

RT: 14.674 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

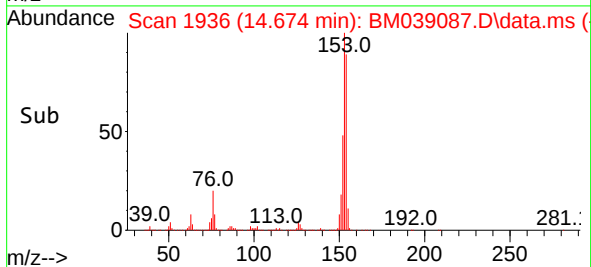
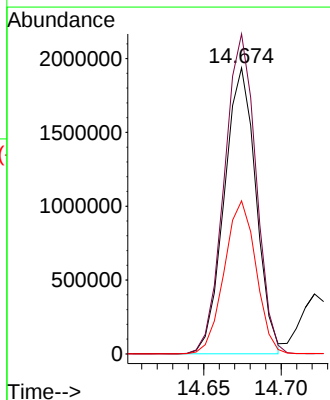
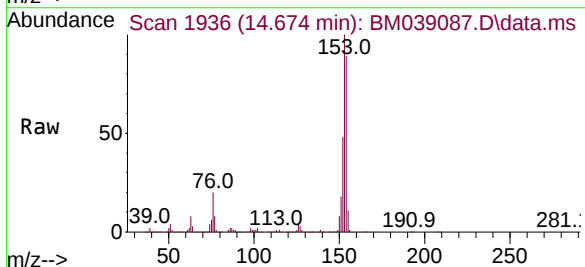
Tgt Ion:154 Resp: 2767616

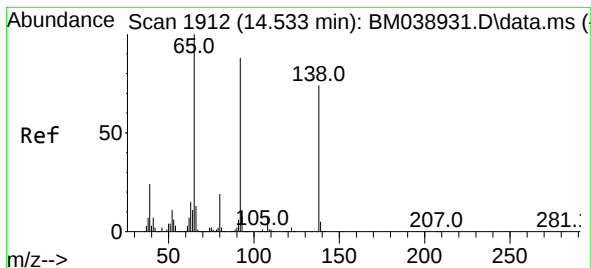
Ion Ratio Lower Upper

154 100

153 111.9 90.2 135.2

152 53.5 43.4 65.2

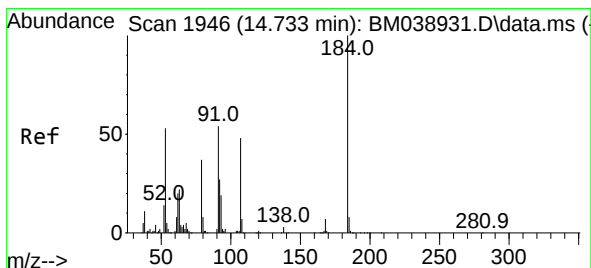
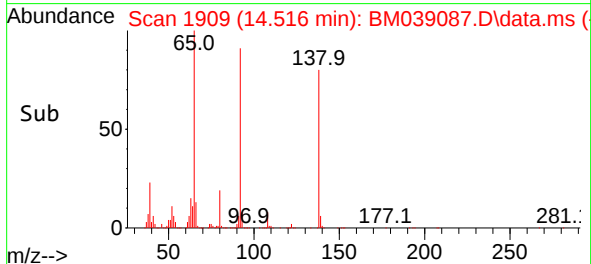
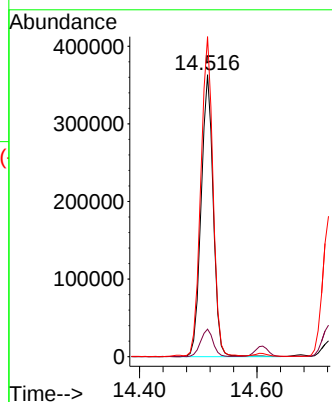
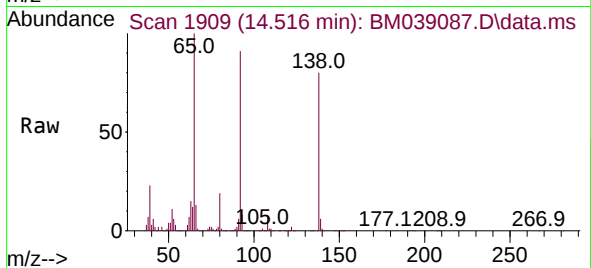




#53
3-Nitroaniline
Concen: 27.764 ng
RT: 14.516 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

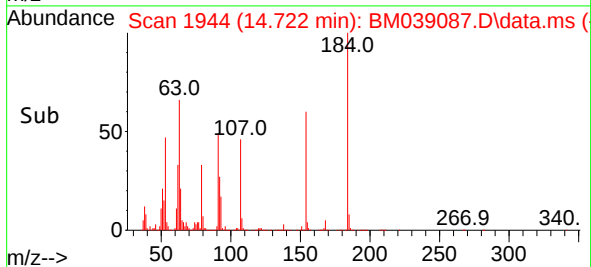
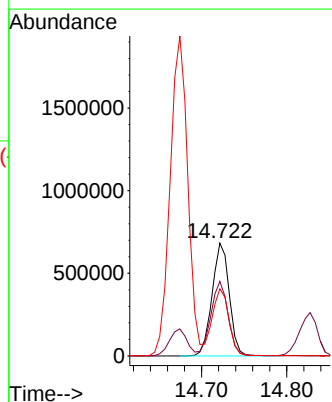
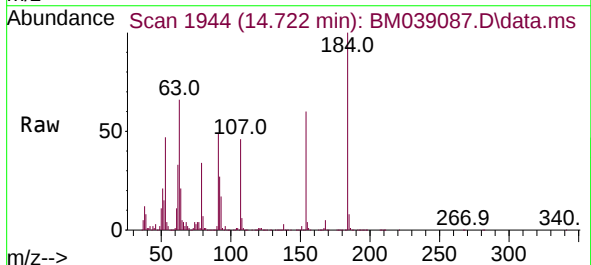
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

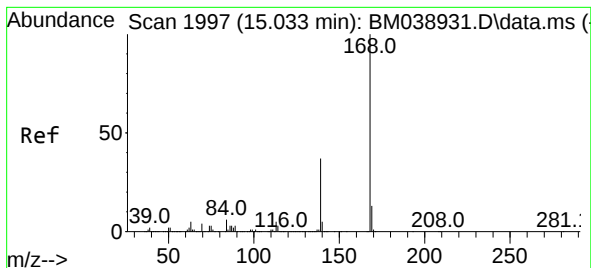
Tgt Ion:138 Resp: 517909
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 113.6 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 100.101 ng
RT: 14.722 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:184 Resp: 954726
Ion Ratio Lower Upper
184 100
63 66.1 60.6 90.8
154 59.5 51.4 77.2





#55

Dibenzenofuran

Concen: 46.147 ng

RT: 15.010 min Scan# 1993

Delta R.T. 0.006 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

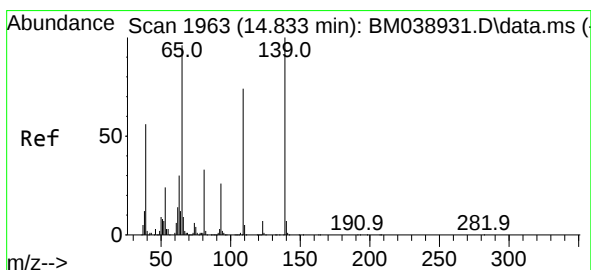
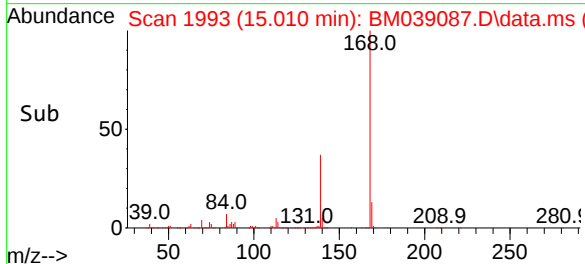
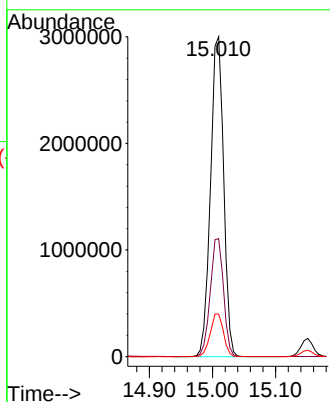
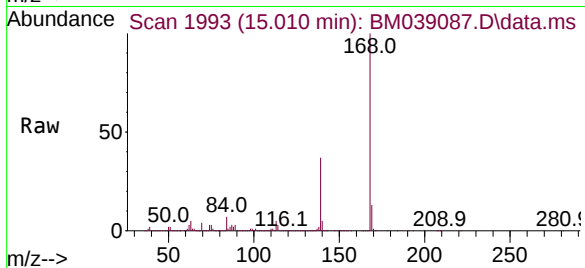
Tgt Ion:168 Resp: 4342938

Ion Ratio Lower Upper

168 100

139 36.9 29.9 44.9

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 94.584 ng

RT: 14.827 min Scan# 1962

Delta R.T. 0.012 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

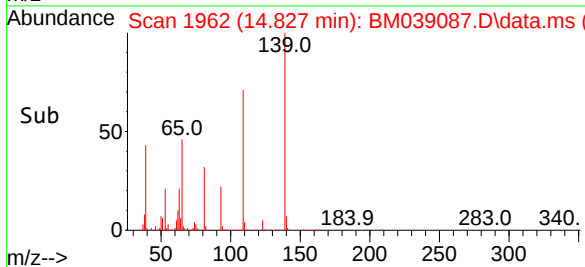
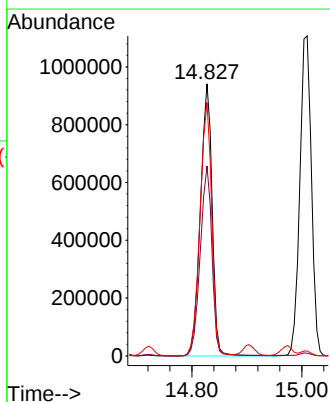
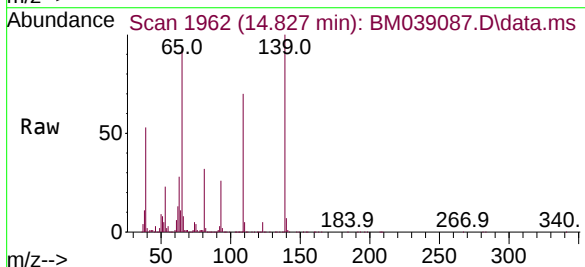
Tgt Ion:139 Resp: 1390095

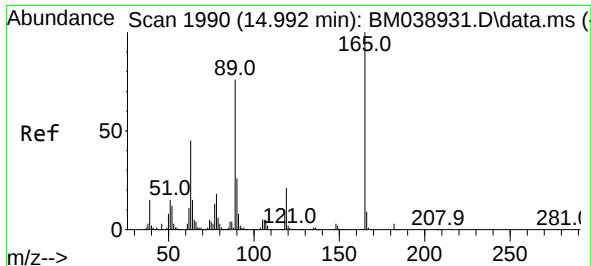
Ion Ratio Lower Upper

139 100

109 69.8 53.5 93.5

65 93.2 76.4 116.4

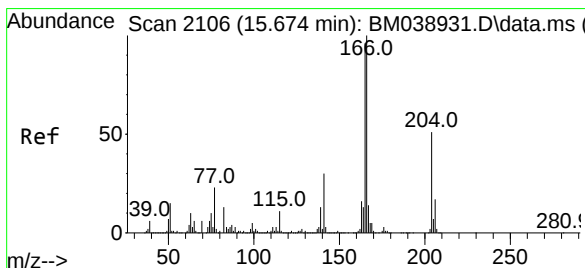
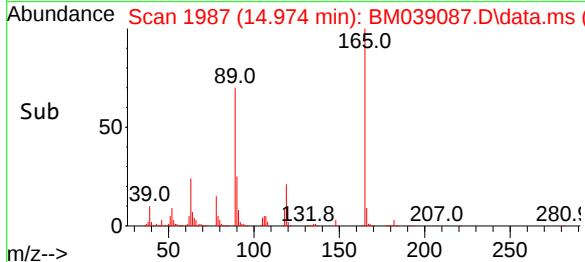
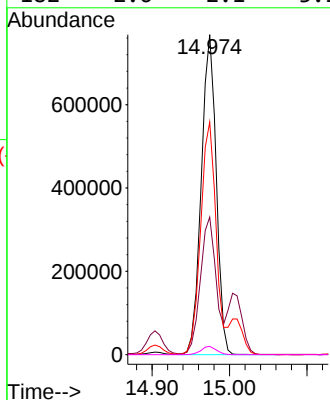
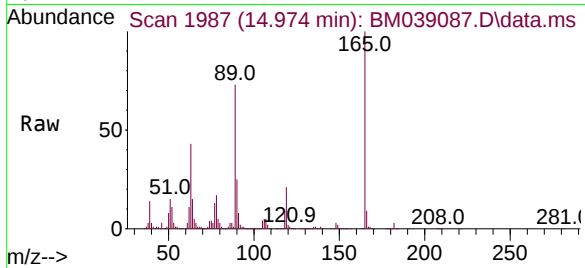




#57
2,4-Dinitrotoluene
Concen: 47.740 ng
RT: 14.974 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

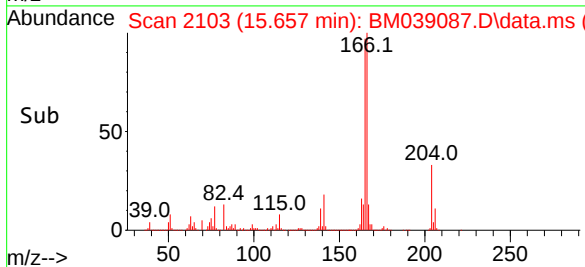
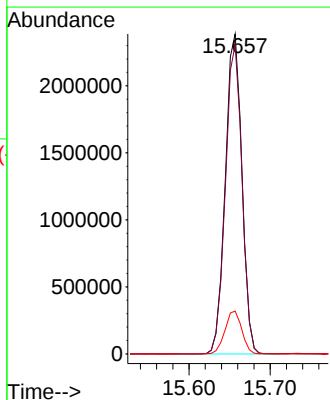
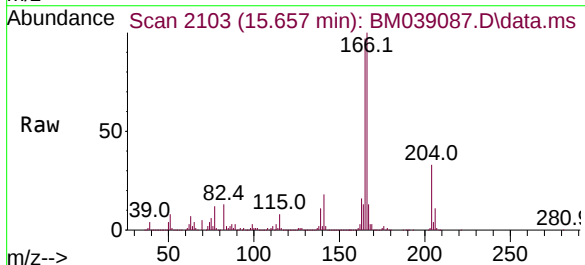
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

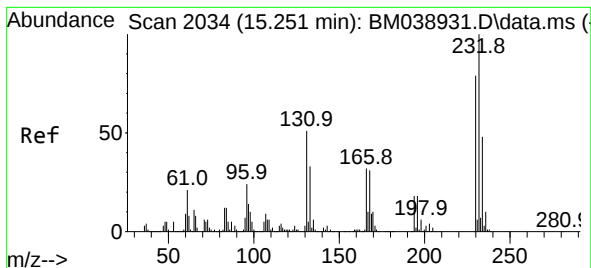
Tgt Ion:165 Resp: 1027947
Ion Ratio Lower Upper
165 100
63 43.0 35.9 53.9
89 72.7 61.0 91.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 45.944 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:166 Resp: 3386928
Ion Ratio Lower Upper
166 100
165 96.6 77.1 115.7
167 13.4 10.9 16.3

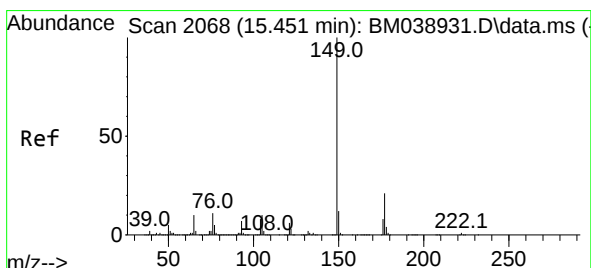
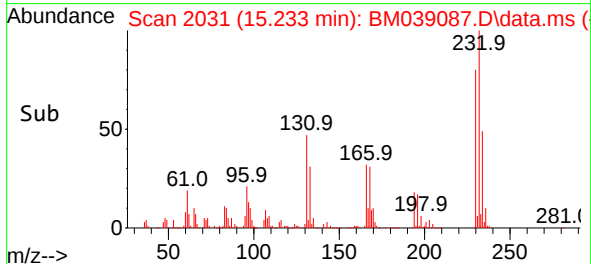
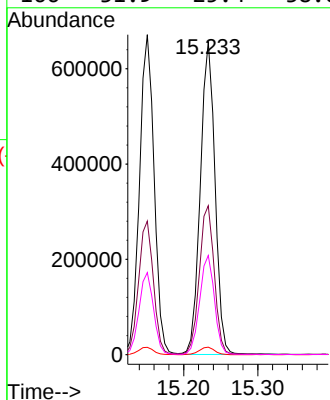
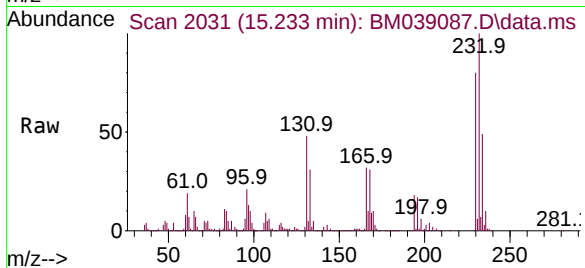




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.485 ng
RT: 15.233 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

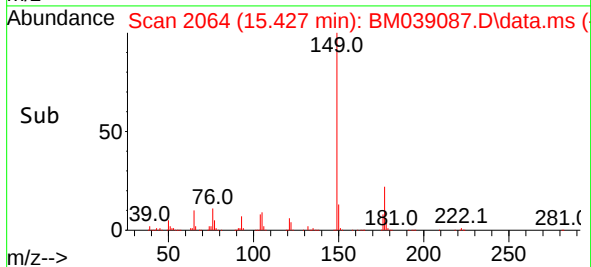
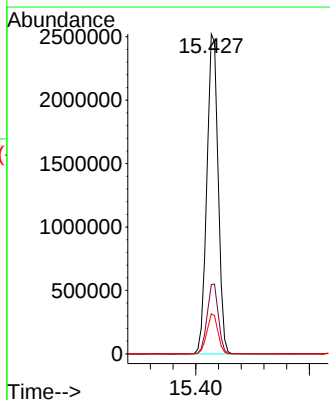
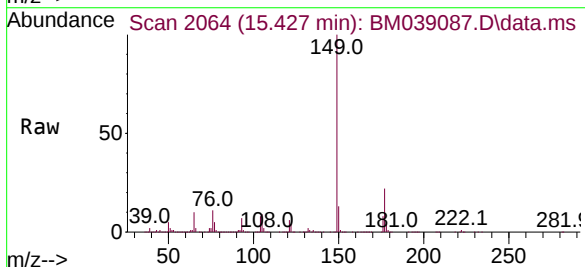
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

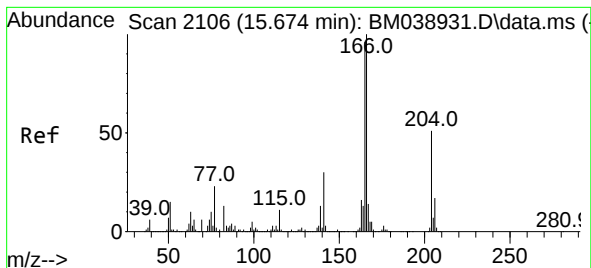
Tgt Ion:232 Resp: 904362
Ion Ratio Lower Upper
232 100
131 48.4 40.0 60.0
130 2.4 2.0 3.0
166 31.9 25.4 38.0



#60
Diethylphthalate
Concen: 48.250 ng
RT: 15.427 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:149 Resp: 3474162
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.5 9.7 14.5

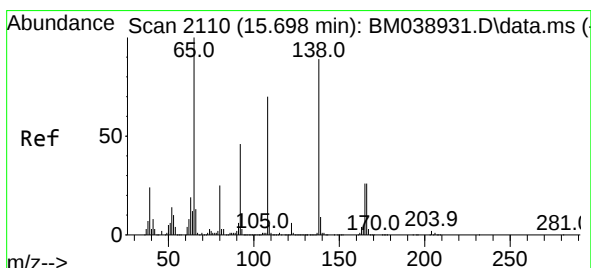
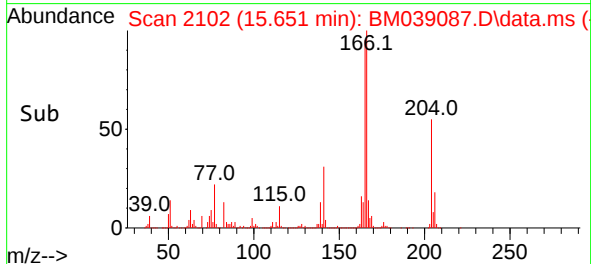
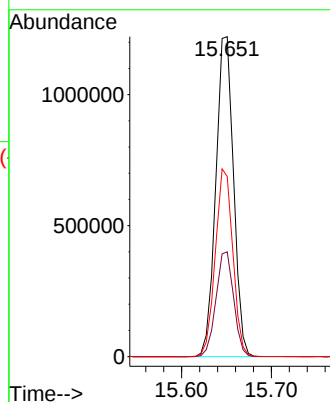
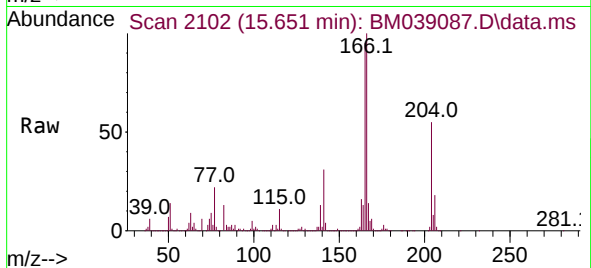




#61
4-Chlorophenyl-phenylether
Concen: 46.661 ng
RT: 15.651 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

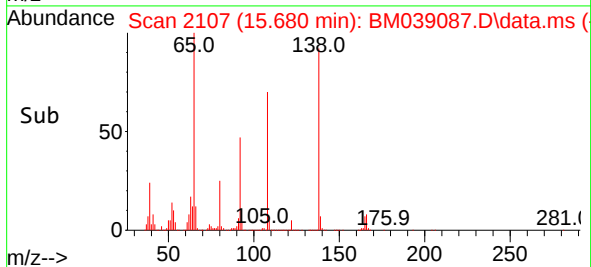
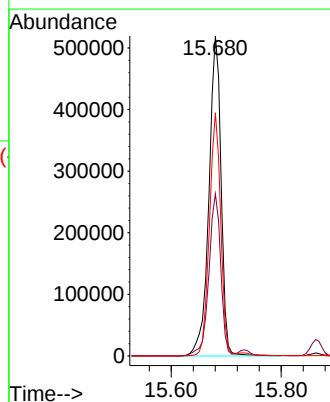
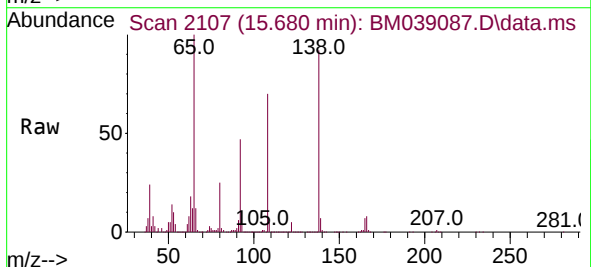
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

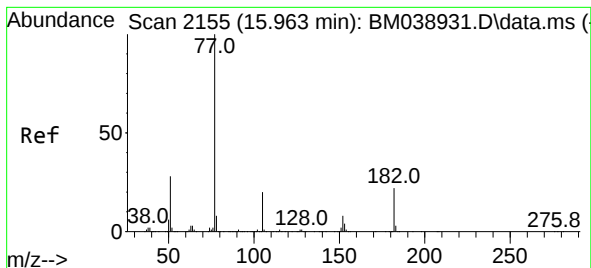
Tgt Ion:204 Resp: 1689882
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 56.3 46.4 69.6



#62
4-Nitroaniline
Concen: 41.218 ng
RT: 15.680 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:138 Resp: 797657
Ion Ratio Lower Upper
138 100
92 50.6 31.6 71.6
108 76.0 58.6 98.6





#63

Azobenzene

Concen: 47.205 ng

RT: 15.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

Tgt Ion: 77 Resp: 3596468

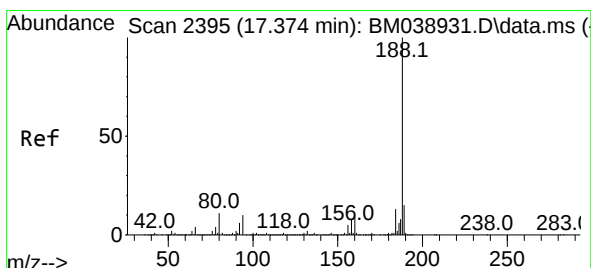
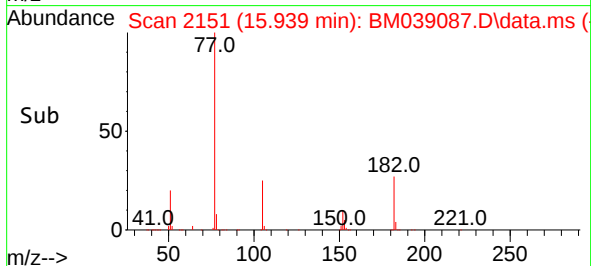
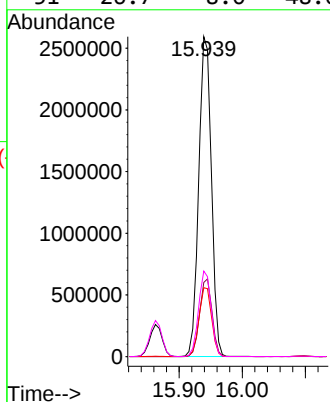
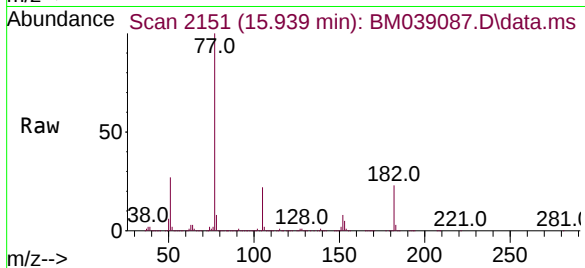
Ion Ratio Lower Upper

77 100

182 23.2 2.0 42.0

105 21.5 0.4 40.4

51 26.7 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

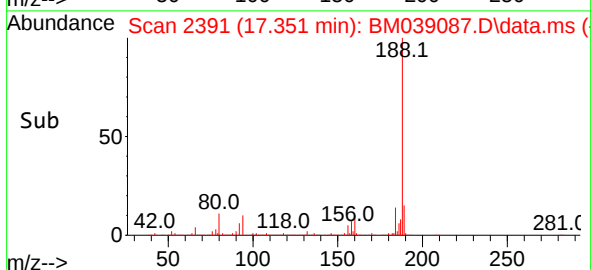
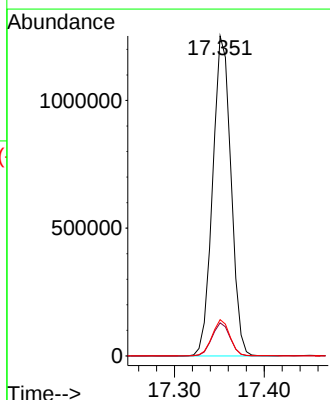
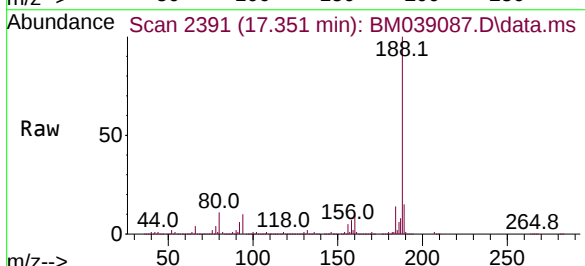
Tgt Ion:188 Resp: 1777148

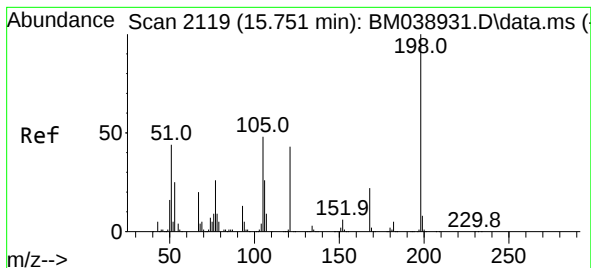
Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.3 8.5 12.7

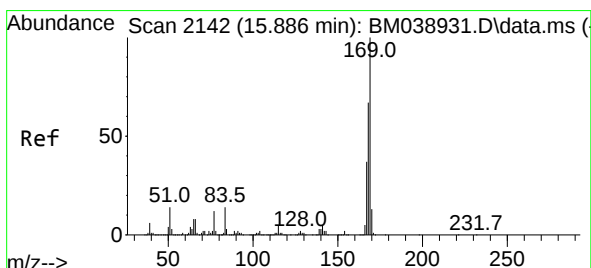
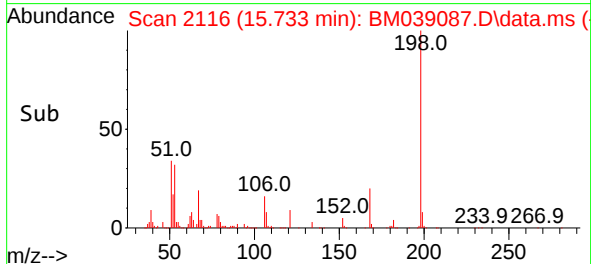
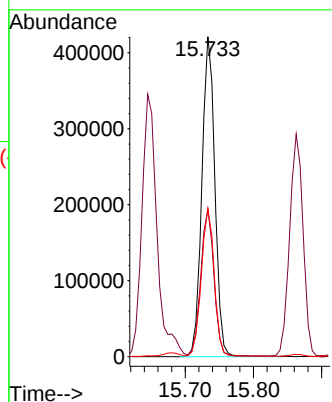
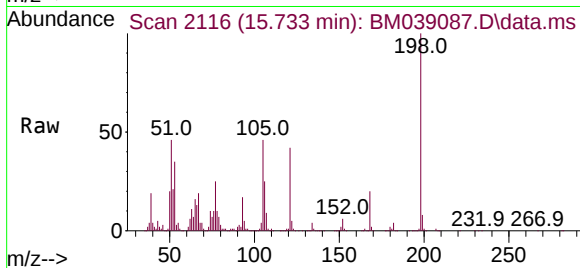




#65
4,6-Dinitro-2-methylphenol
Concen: 47.815 ng
RT: 15.733 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

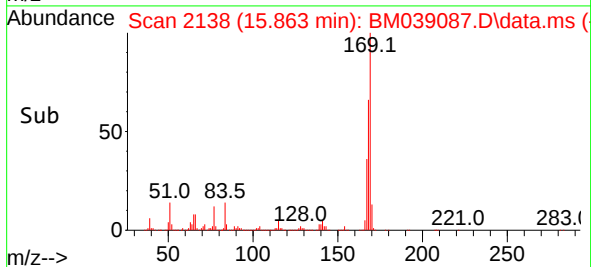
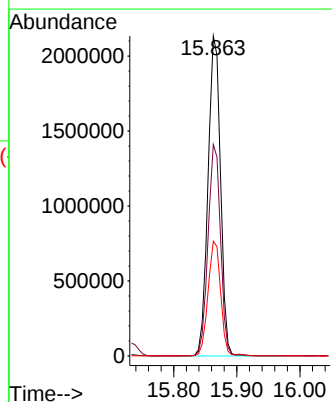
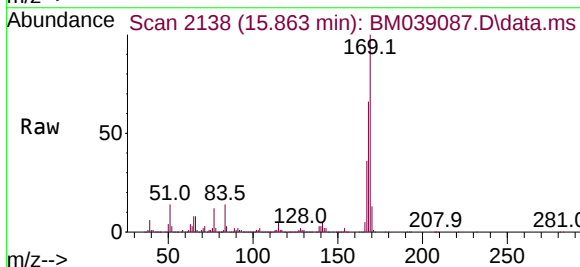
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

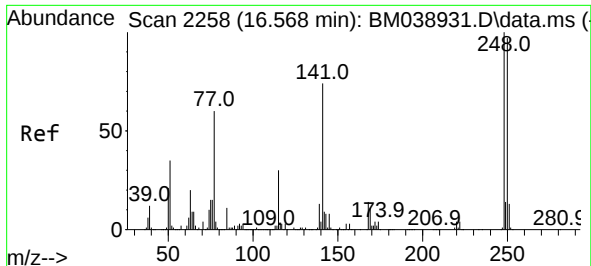
Tgt Ion:198 Resp: 558181
Ion Ratio Lower Upper
198 100
51 46.1 30.1 70.1
105 46.2 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 48.722 ng
RT: 15.863 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:169 Resp: 2918984
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 35.8 29.4 44.0

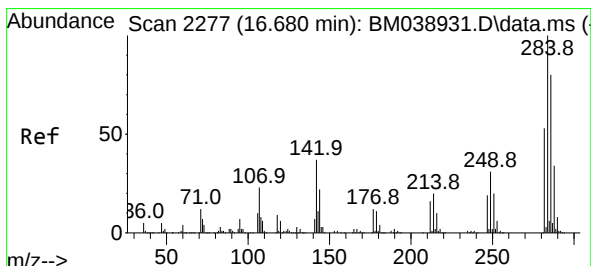
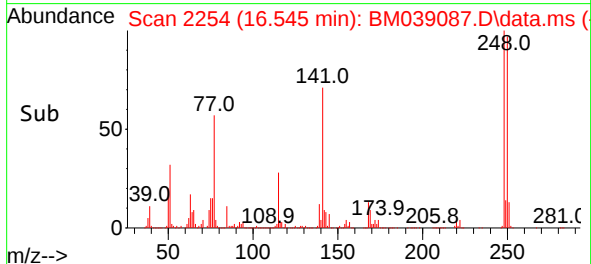
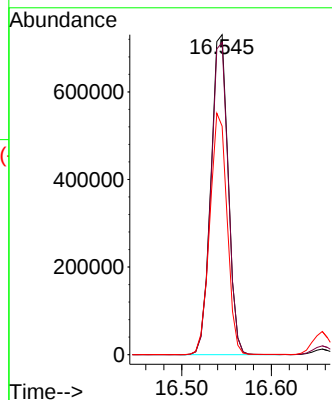
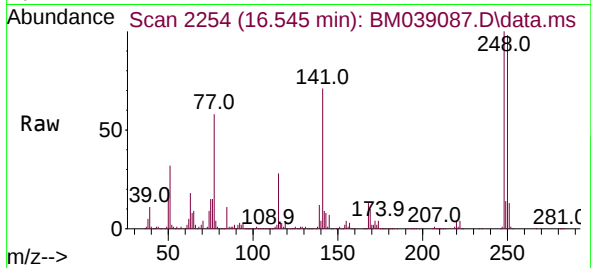




#67
4-Bromophenyl-phenylether
Concen: 51.152 ng
RT: 16.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

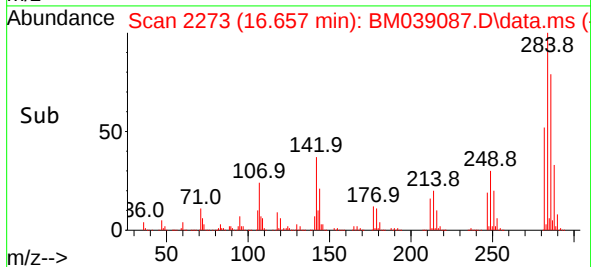
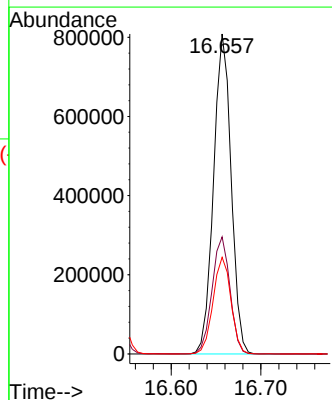
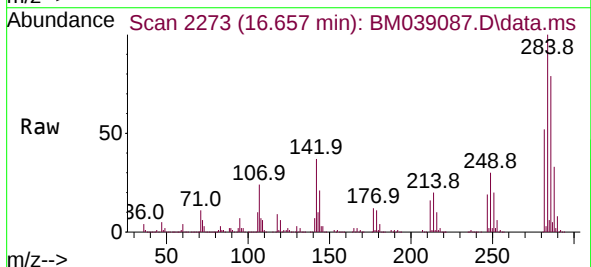
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

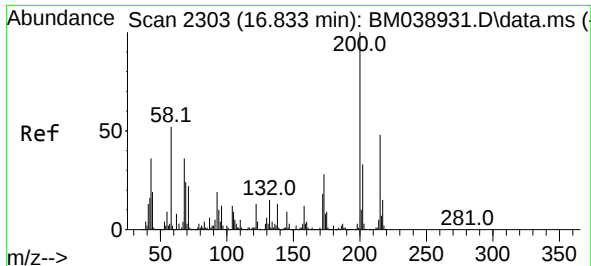
Tgt Ion:248 Resp: 981875
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 71.4 59.0 88.4



#68
Hexachlorobenzene
Concen: 51.525 ng
RT: 16.657 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:284 Resp: 1105635
Ion Ratio Lower Upper
284 100
142 36.6 29.5 44.3
249 30.2 25.0 37.4

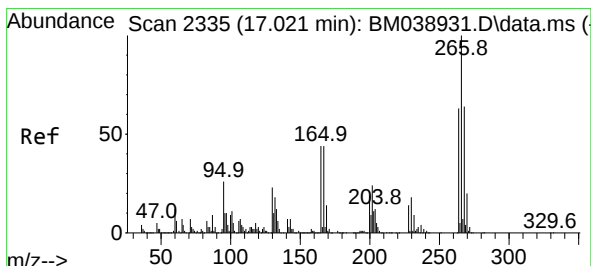
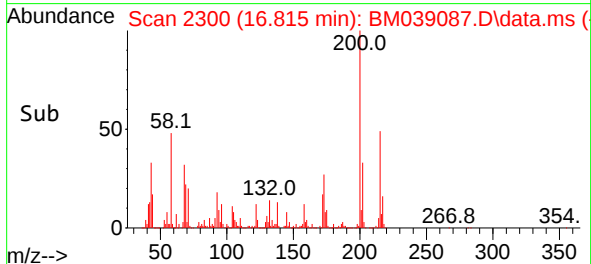
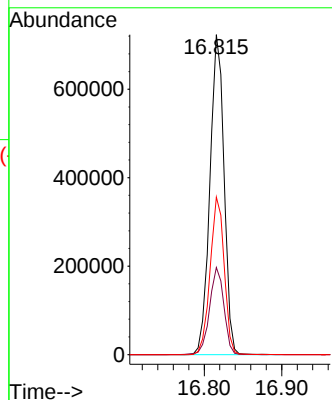
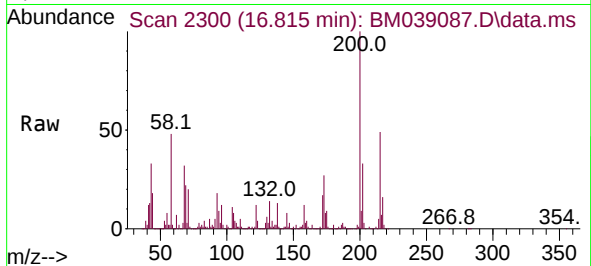




#69
 Atrazine
 Concen: 56.050 ng
 RT: 16.815 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: BM039087.D
 Acq: 22 Mar 2023 11:38

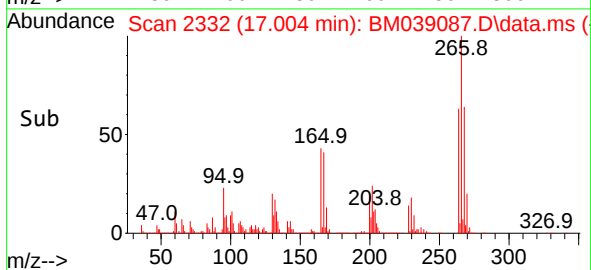
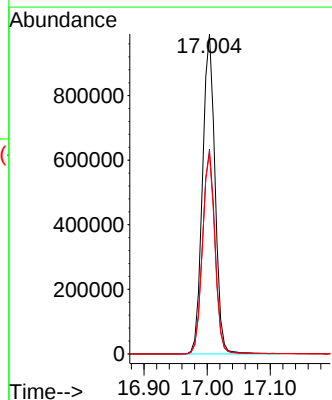
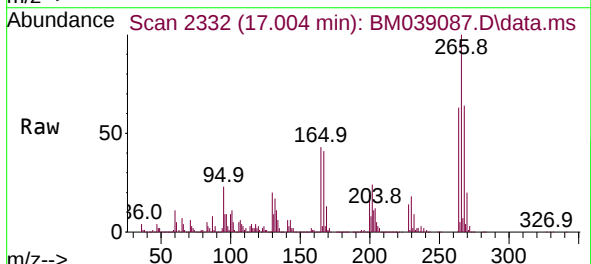
Instrument :
 BNA_M
 ClientSampleId :
 PB151573BSD

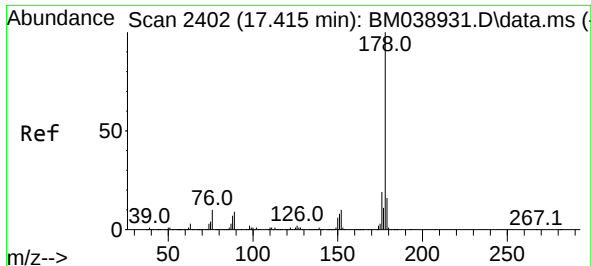
Tgt Ion:200 Resp: 917225
 Ion Ratio Lower Upper
 200 100
 173 27.3 8.2 48.2
 215 49.2 27.8 67.8



#70
 Pentachlorophenol
 Concen: 86.130 ng
 RT: 17.004 min Scan# 2332
 Delta R.T. 0.006 min
 Lab File: BM039087.D
 Acq: 22 Mar 2023 11:38

Tgt Ion:266 Resp: 1359351
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.4
 264 62.7 50.3 75.5

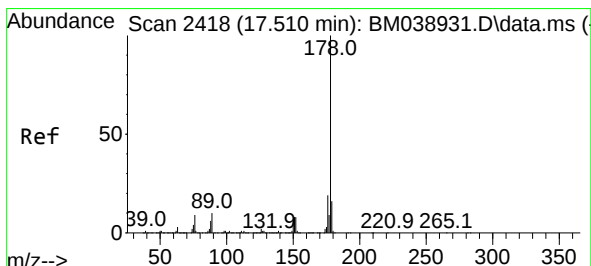
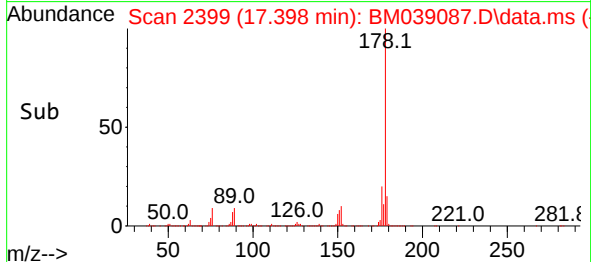
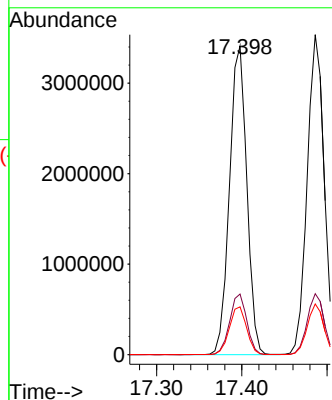
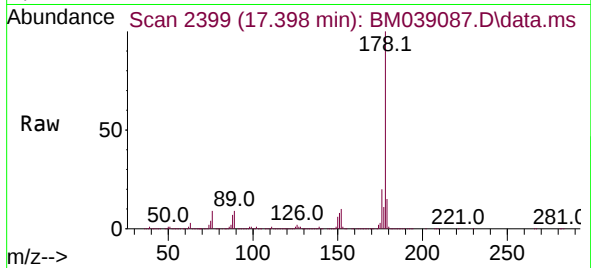




#71
Phenanthrene
Concen: 46.042 ng
RT: 17.398 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

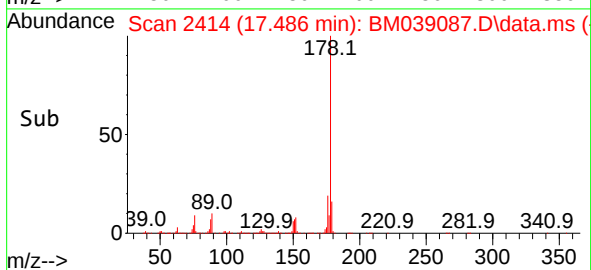
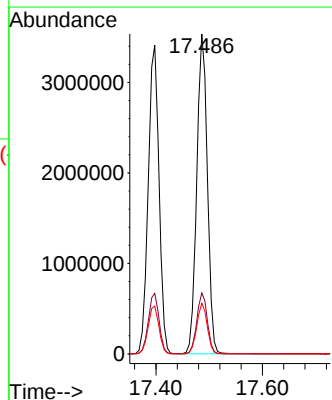
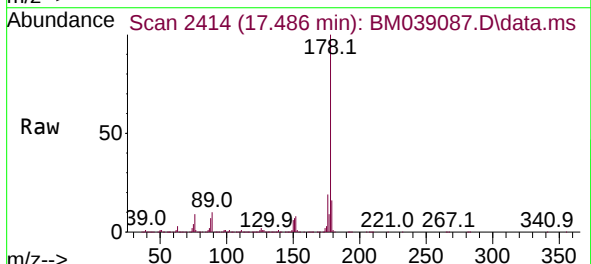
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

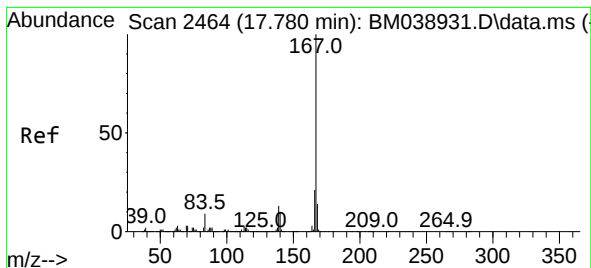
Tgt Ion:178 Resp: 4802269
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.5 12.5 18.7



#72
Anthracene
Concen: 47.057 ng
RT: 17.486 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:178 Resp: 4894694
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.5 18.7





#73

Carbazole

Concen: 45.272 ng

RT: 17.757 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

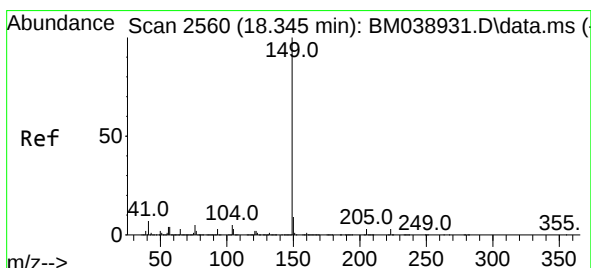
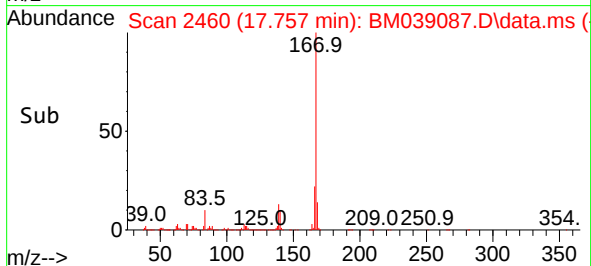
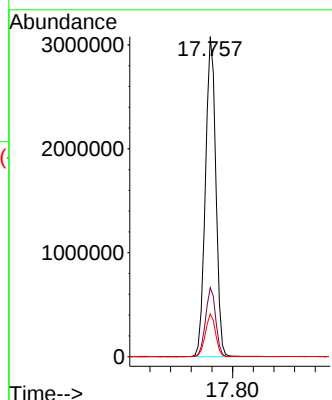
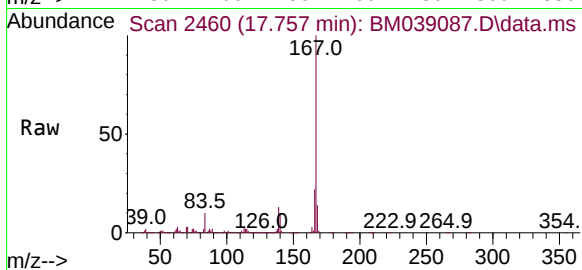
Tgt Ion:167 Resp: 4297707

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 13.3 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.390 ng

RT: 18.321 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

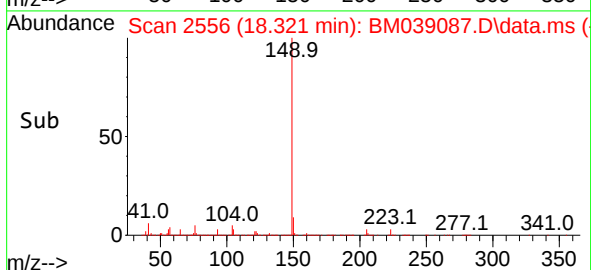
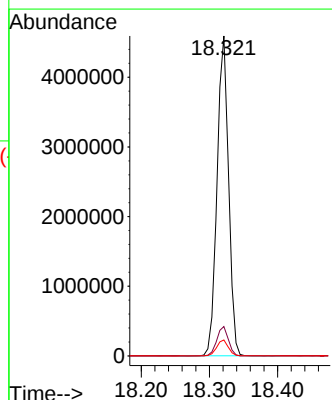
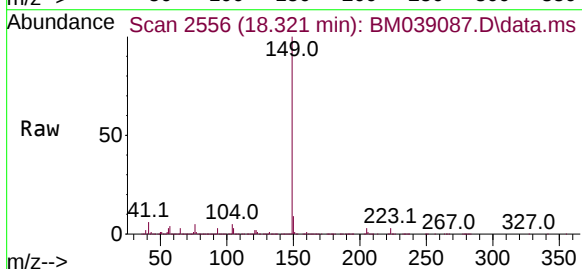
Tgt Ion:149 Resp: 5364073

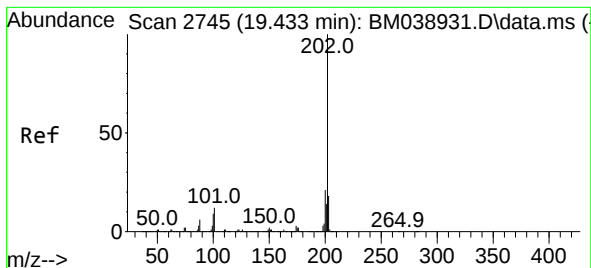
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.3 6.5

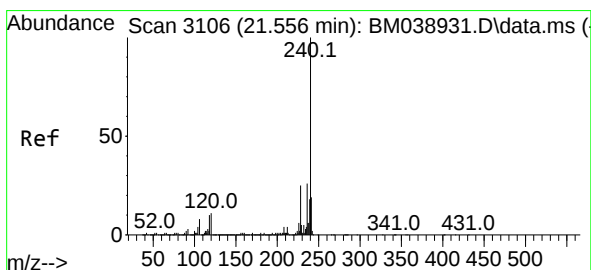
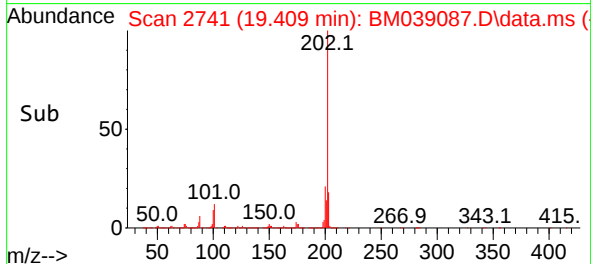
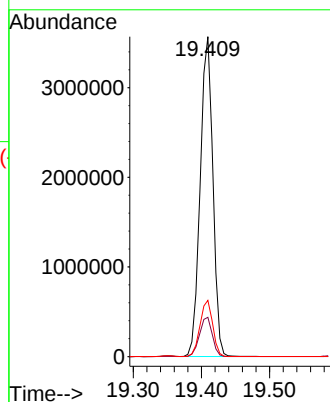
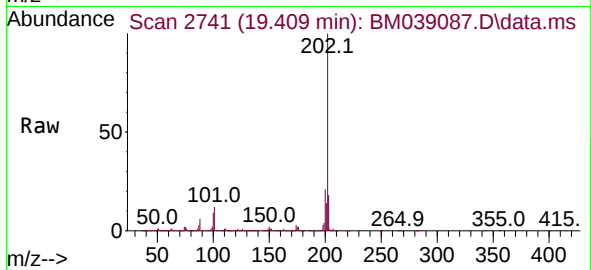




#75
Fluoranthene
Concen: 41.909 ng
RT: 19.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

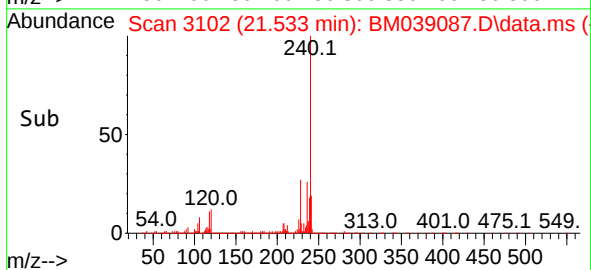
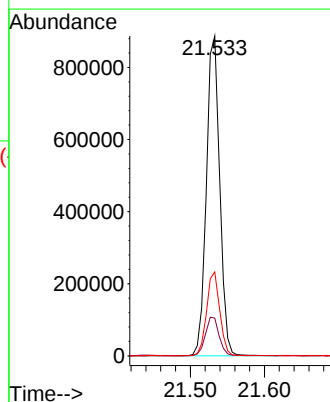
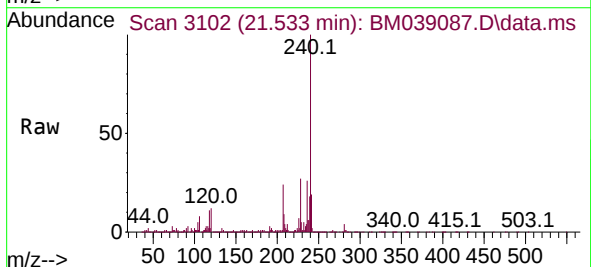
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

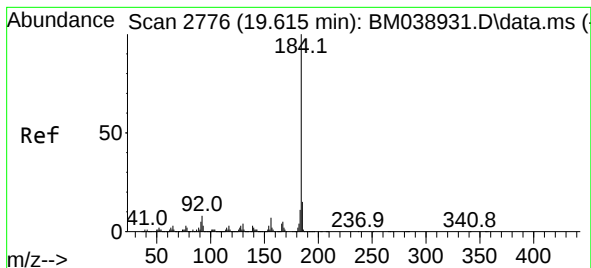
Tgt Ion:202 Resp: 4615286
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.7
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:240 Resp: 1107324
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.2 20.8 31.2





#77

Benzidine

Concen: 76.654 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

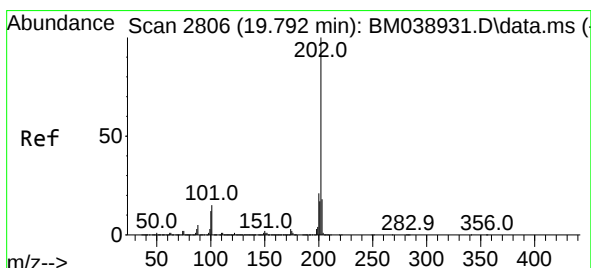
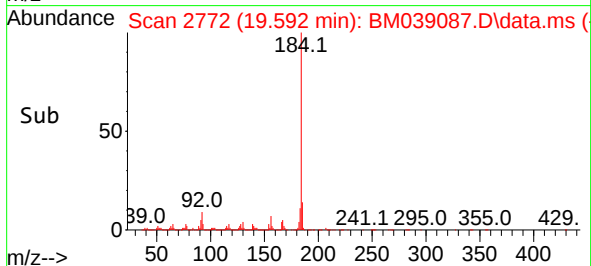
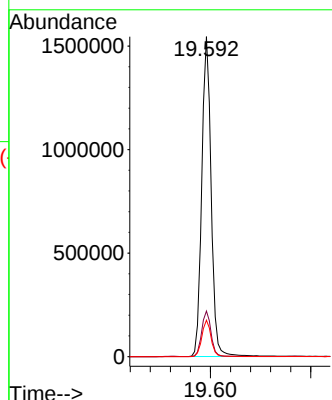
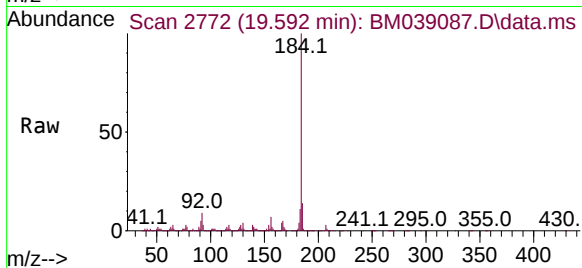
Tgt Ion:184 Resp: 2016582

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

183 11.4 8.8 13.2



#78

Pyrene

Concen: 57.145 ng

RT: 19.768 min Scan# 2802

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

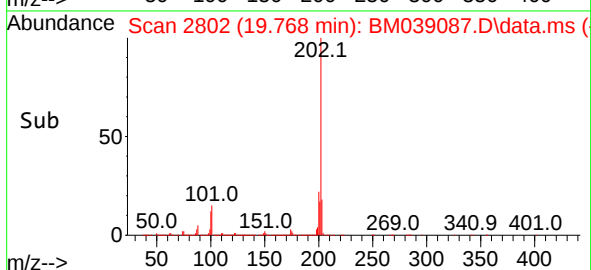
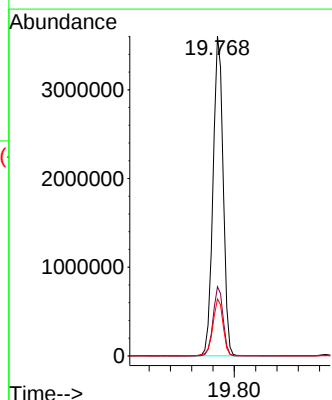
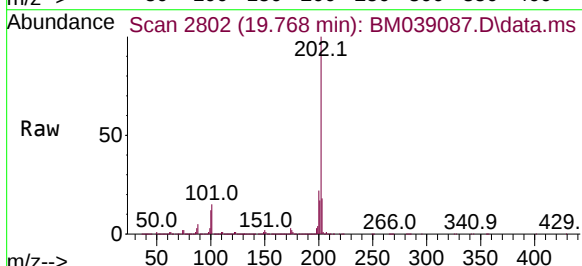
Tgt Ion:202 Resp: 4752680

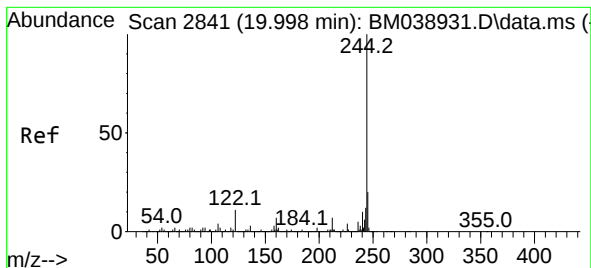
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 84.227 ng

RT: 19.974 min Scan# 2841

Delta R.T. 0.006 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

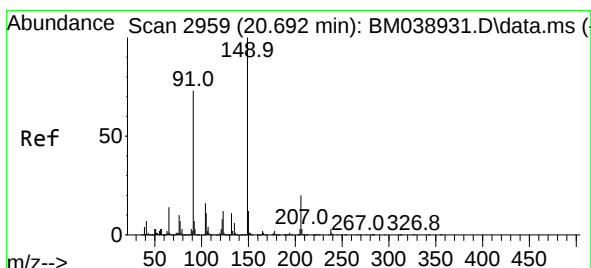
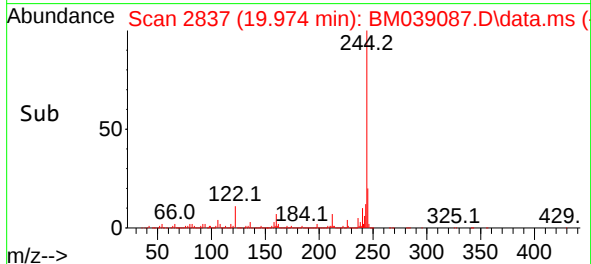
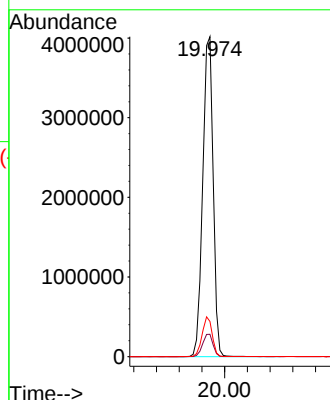
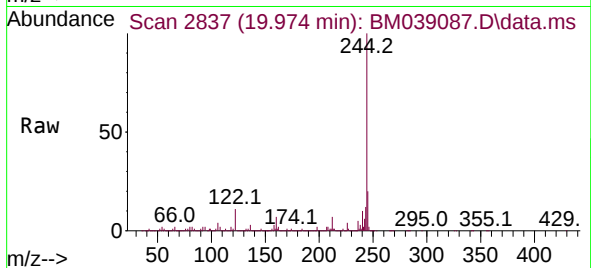
Tgt Ion:244 Resp: 5101169

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 54.671 ng

RT: 20.662 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

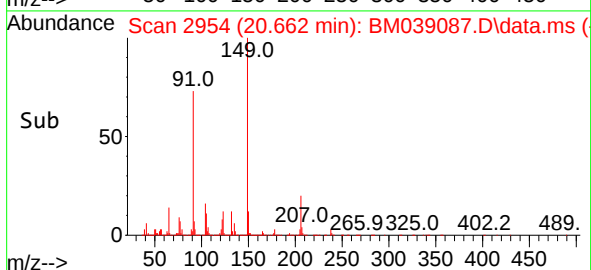
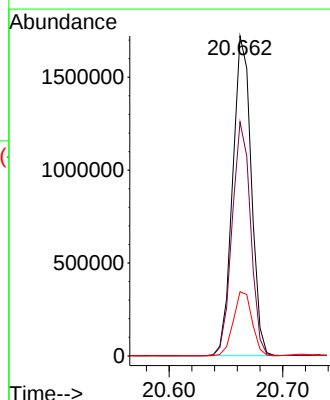
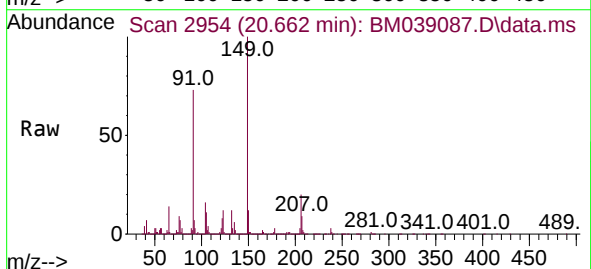
Tgt Ion:149 Resp: 1950872

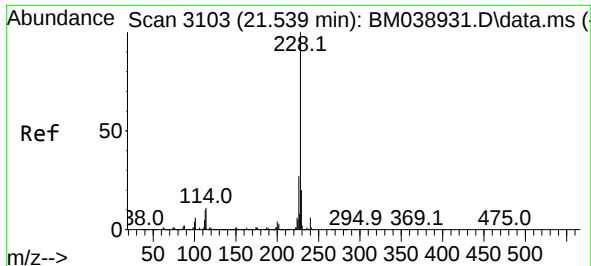
Ion Ratio Lower Upper

149 100

91 73.1 58.4 87.6

206 20.1 16.1 24.1

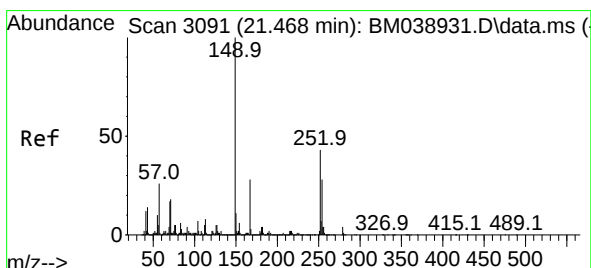
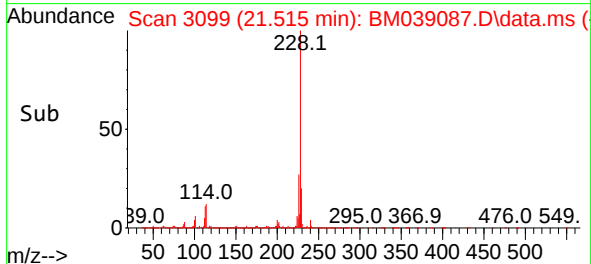
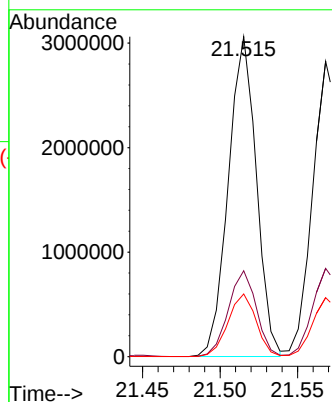
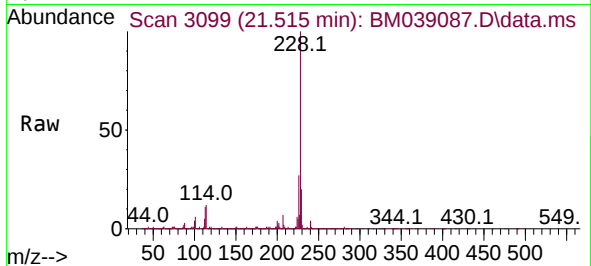




#81
Benzo(a)anthracene
Concen: 48.349 ng
RT: 21.515 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

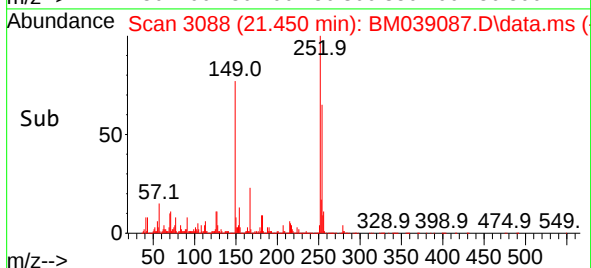
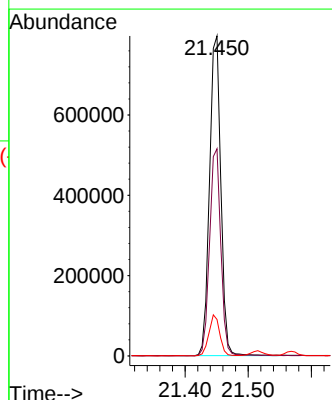
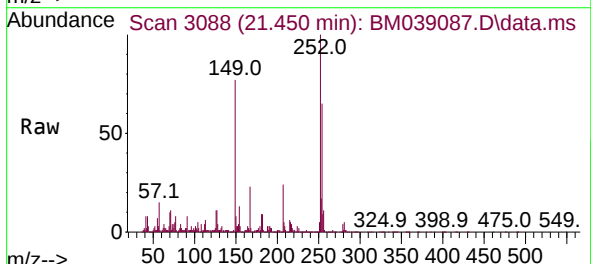
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

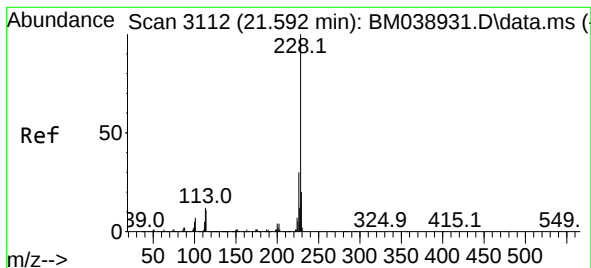
Tgt Ion:228 Resp: 3855556
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 40.354 ng
RT: 21.450 min Scan# 3088
Delta R.T. 0.006 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:252 Resp: 988995
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 11.4 9.9 14.9





#83

Chrysene

Concen: 46.716 ng

RT: 21.568 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

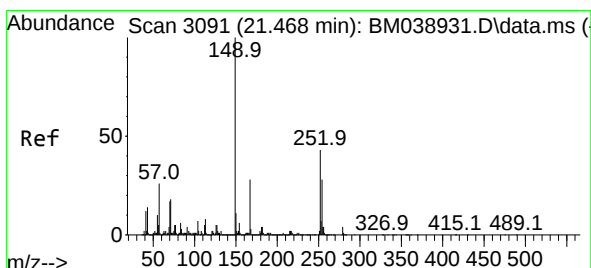
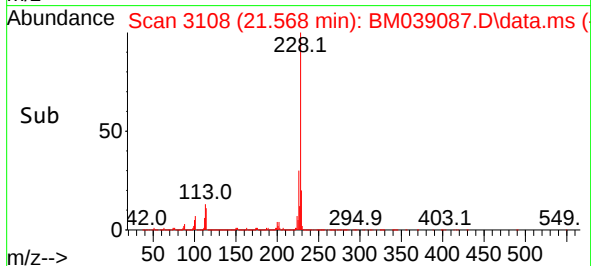
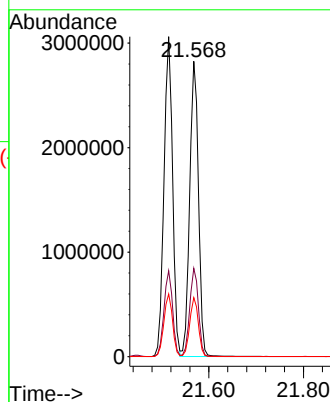
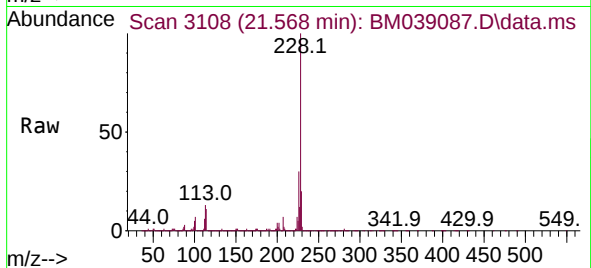
Tgt Ion:228 Resp: 3623166

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.157 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

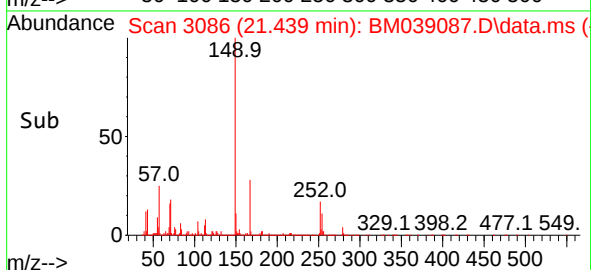
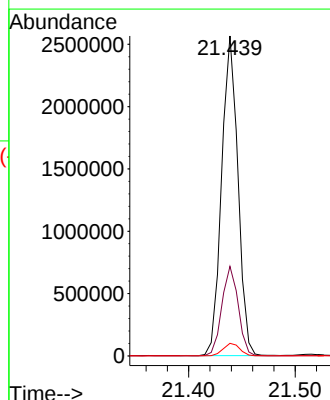
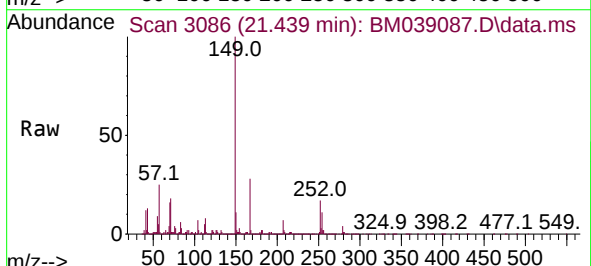
Tgt Ion:149 Resp: 2732363

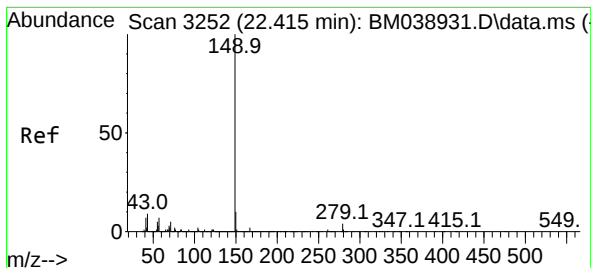
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.380 ng

RT: 22.374 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

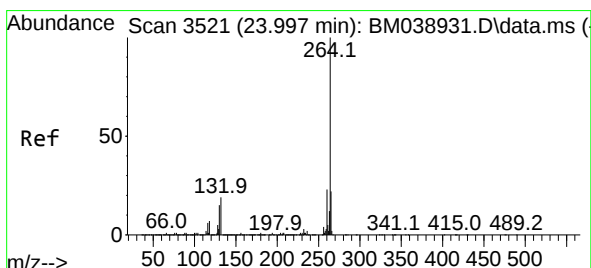
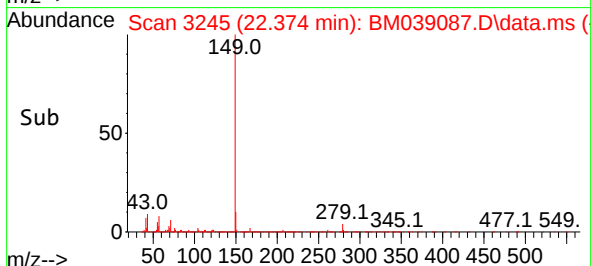
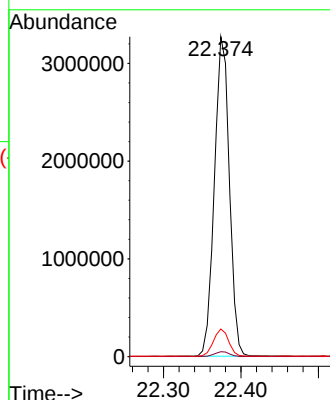
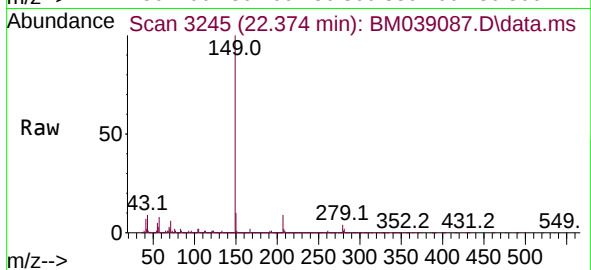
Tgt Ion:149 Resp: 4384317

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3515

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

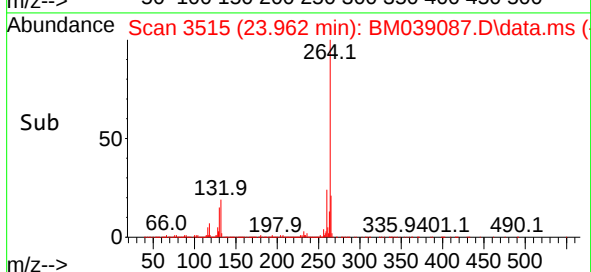
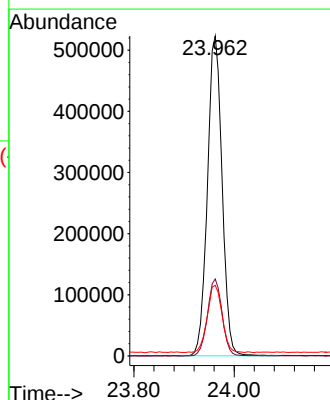
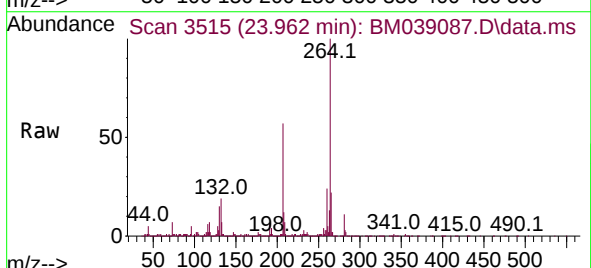
Tgt Ion:264 Resp: 1058959

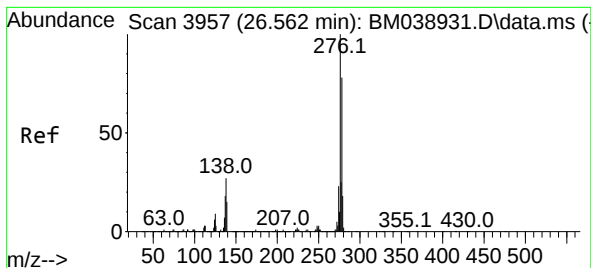
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.705 ng

RT: 26.497 min Scan# 3957

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

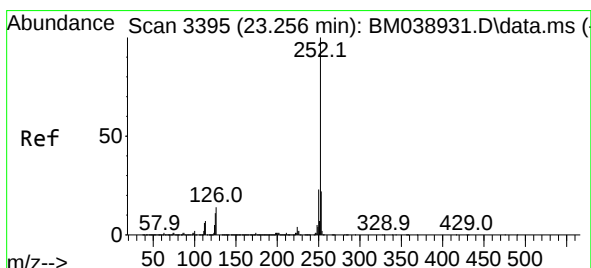
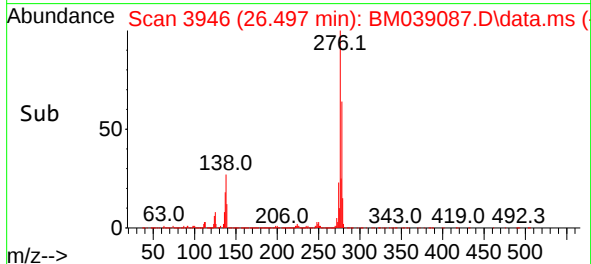
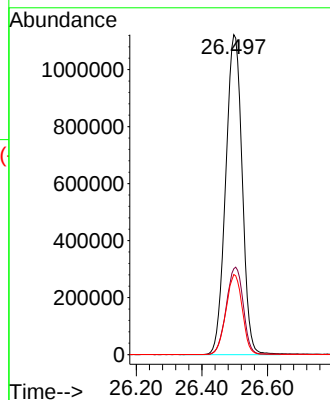
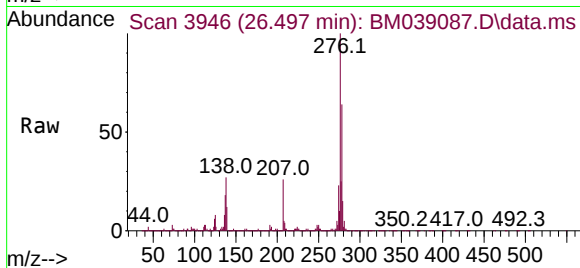
Tgt Ion:276 Resp: 3924629

Ion Ratio Lower Upper

276 100

138 28.1 22.1 33.1

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.691 ng

RT: 23.221 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

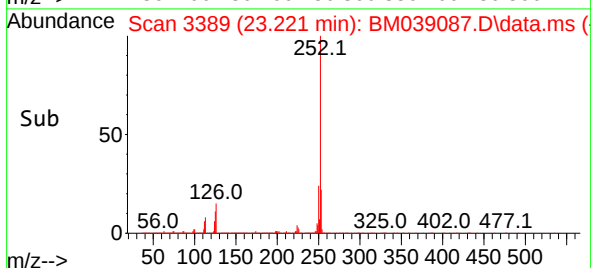
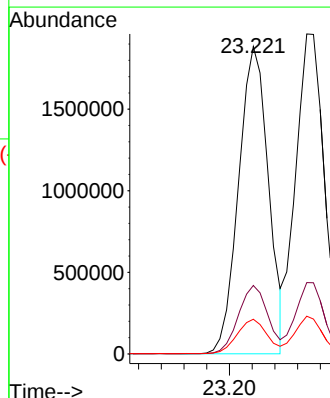
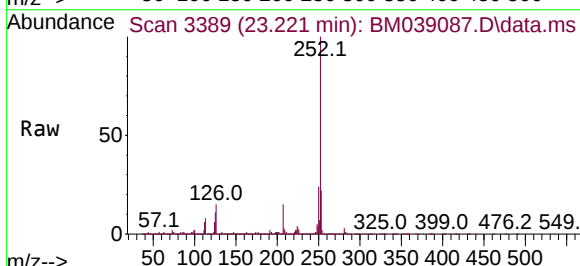
Tgt Ion:252 Resp: 3429418

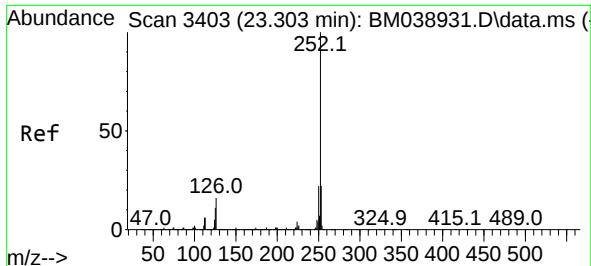
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.3 8.8 13.2

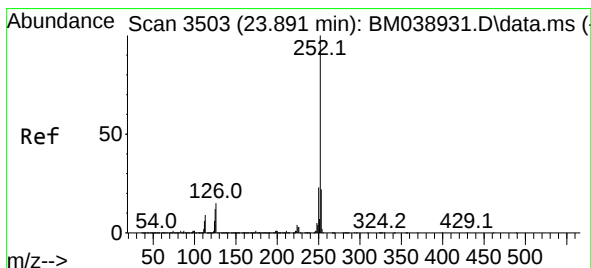
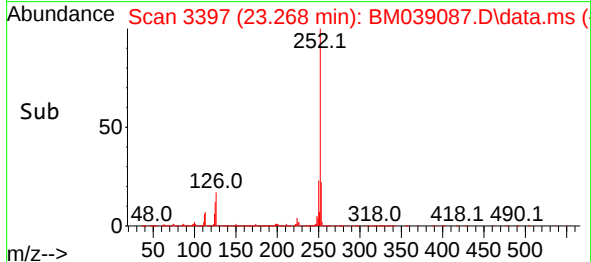
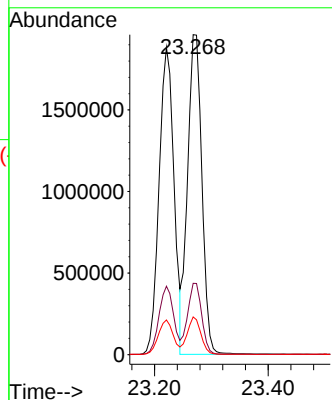
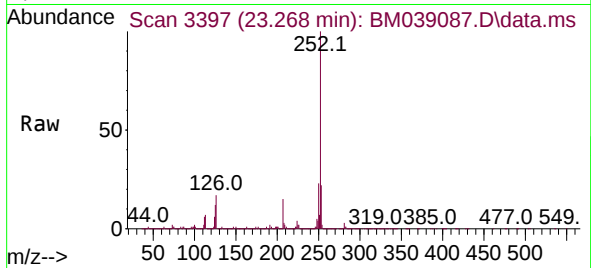




#89
Benzo(k)fluoranthene
Concen: 48.778 ng
RT: 23.268 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

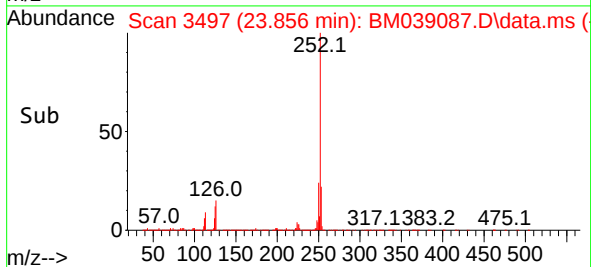
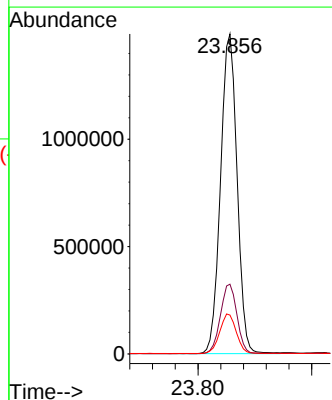
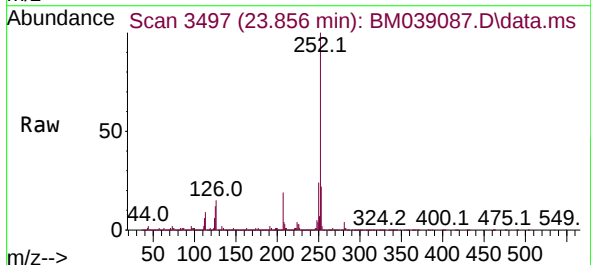
Instrument :
BNA_M
ClientSampleId :
PB151573BSD

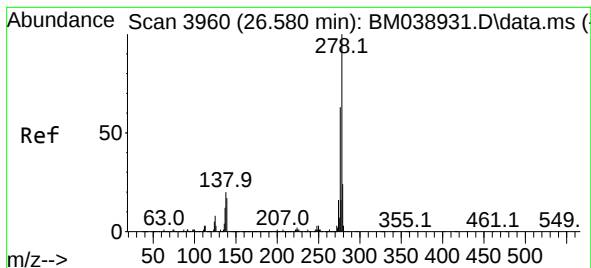
Tgt Ion:252 Resp: 3434284
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 46.059 ng
RT: 23.856 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BM039087.D
Acq: 22 Mar 2023 11:38

Tgt Ion:252 Resp: 2998961
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 48.352 ng

RT: 26.515 min Scan# 39

Delta R.T. 0.006 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Instrument :

BNA_M

ClientSampleId :

PB151573BSD

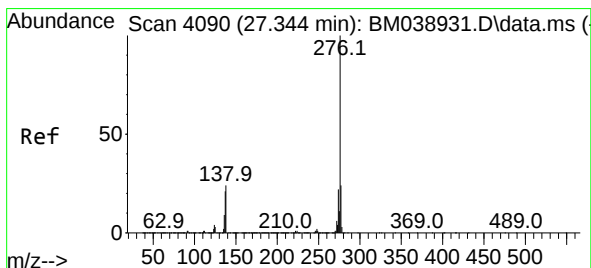
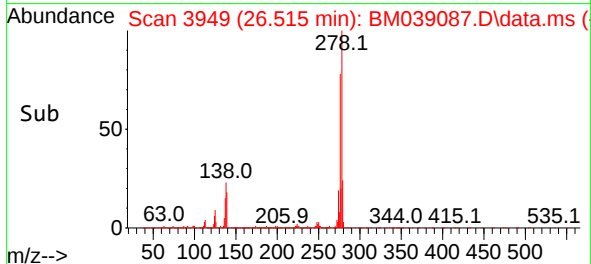
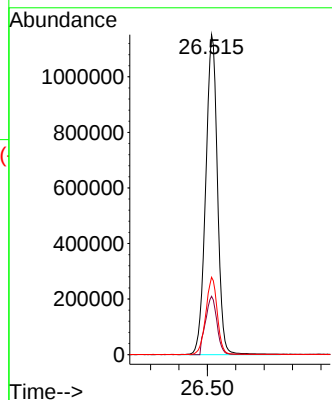
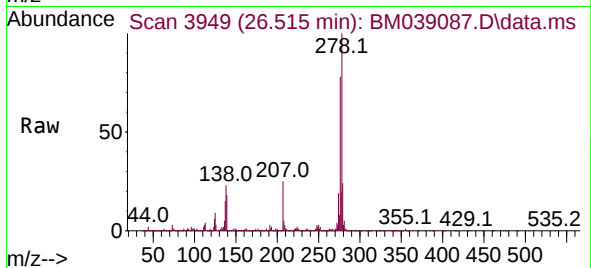
Tgt Ion:278 Resp: 3299541

Ion Ratio Lower Upper

278 100

139 18.2 13.7 20.5

279 24.2 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 48.146 ng

RT: 27.280 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039087.D

Acq: 22 Mar 2023 11:38

Tgt Ion:276 Resp: 3214426

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 24.3 19.0 28.6

