

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
 Data File : BM038533.D
 Acq On : 25 Jan 2023 15:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 25 23:16:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	57787	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	217098	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	157514	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	389425	20.000	ng	0.00
76) Chrysene-d12	21.515	240	457084	20.000	ng	0.00
86) Perylene-d12	23.927	264	524254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	292593	83.703	ng	0.00
7) Phenol-d6	7.128	99	380361	85.283	ng	0.00
23) Nitrobenzene-d5	9.139	82	421289	84.268	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	212550	93.707	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1045482	81.761	ng	0.00
79) Terphenyl-d14	19.956	244	1846017	78.735	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	66301	40.438	ng	96
3) Pyridine	3.787	79	180411	41.896	ng	97
4) n-Nitrosodimethylamine	3.704	42	90110	44.081	ng	96
6) Aniline	7.293	93	235155	42.477	ng	99
8) 2-Chlorophenol	7.528	128	151987	42.562	ng	98
9) Benzaldehyde	7.104	77	111981	42.329	ng	95
10) Phenol	7.157	94	189755	42.577	ng	96
11) bis(2-Chloroethyl)ether	7.393	93	151888	43.195	ng	97
12) 1,3-Dichlorobenzene	7.851	146	169340	41.712	ng	98
13) 1,4-Dichlorobenzene	7.998	146	172725	42.108	ng	99
14) 1,2-Dichlorobenzene	8.316	146	169761	42.727	ng	99
15) Benzyl Alcohol	8.216	79	152467	45.722	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	159625	43.228	ng	99
17) 2-Methylphenol	8.410	107	137560	43.611	ng	97
18) Hexachloroethane	9.045	117	67608	44.334	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	140609	46.196	ng	97
20) 3+4-Methylphenols	8.745	107	188136	44.502	ng	97
22) Acetophenone	8.798	105	248358	41.527	ng	# 97
24) Nitrobenzene	9.181	77	213099	42.127	ng	98
25) Isophorone	9.704	82	350661	42.503	ng	98
26) 2-Nitrophenol	9.892	139	82987	41.331	ng	98
27) 2,4-Dimethylphenol	9.951	122	137639	41.189	ng	93
28) bis(2-Chloroethoxy)met...	10.186	93	207479	42.989	ng	99
29) 2,4-Dichlorophenol	10.422	162	169559	43.251	ng	100
30) 1,2,4-Trichlorobenzene	10.639	180	192218	42.874	ng	97
31) Naphthalene	10.828	128	486391	41.240	ng	98
32) Benzoic acid	10.092	122	98630	38.893	ng	93
33) 4-Chloroaniline	10.945	127	210171	42.694	ng	97
34) Hexachlorobutadiene	11.098	225	127838	43.349	ng	99
35) Caprolactam	11.739	113	42779	45.009	ng	97
36) 4-Chloro-3-methylphenol	12.063	107	162005	45.444	ng	95
37) 2-Methylnaphthalene	12.427	142	368056	43.424	ng	97
38) 1-Methylnaphthalene	12.651	142	346113	43.298	ng	97
40) 1,2,4,5-Tetrachloroben...	12.798	216	238252	40.210	ng	98
41) Hexachlorocyclopentadiene	12.769	237	134866	41.414	ng	96
43) 2,4,6-Trichlorophenol	13.039	196	155345	40.956	ng	99

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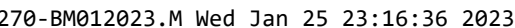
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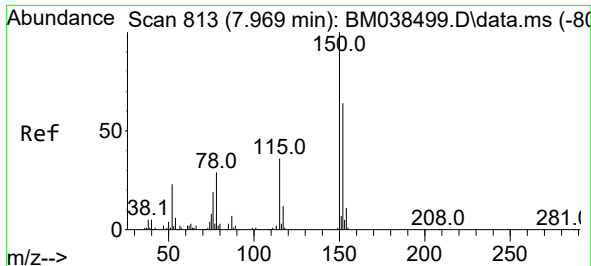
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	181323	40.816	ng	97
46) 1,1'-Biphenyl	13.439	154	497059	39.403	ng	99
47) 2-Chloronaphthalene	13.480	162	391459	39.752	ng	99
48) 2-Nitroaniline	13.692	65	124107	42.915	ng	97
49) Acenaphthylene	14.321	152	630280	40.909	ng	99
50) Dimethylphthalate	14.063	163	500557	41.283	ng	99
51) 2,6-Dinitrotoluene	14.186	165	107291	42.047	ng	97
52) Acenaphthene	14.663	154	383336	40.797	ng	97
53) 3-Nitroaniline	14.516	138	109130	43.037	ng	98
54) 2,4-Dinitrophenol	14.727	184	74069	39.673	ng	94
55) Dibenzofuran	14.998	168	658056	41.890	ng	99
56) 4-Nitrophenol	14.821	139	85820	41.097	ng	91
57) 2,4-Dinitrotoluene	14.974	165	153514	44.381	ng	# 96
58) Fluorene	15.645	166	562648	44.168	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	161113	44.369	ng	99
60) Diethylphthalate	15.416	149	520448	43.831	ng	100
61) 4-Chlorophenyl-phenyle...	15.633	204	297966	44.552	ng	99
62) 4-Nitroaniline	15.680	138	119378	41.315	ng	97
63) Azobenzene	15.927	77	554424	44.070	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	106774	42.240	ng	99
66) n-Nitrosodiphenylamine	15.851	169	477529	40.847	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	182060	42.148	ng	98
68) Hexachlorobenzene	16.645	284	198128	42.506	ng	99
69) Atrazine	16.804	200	164758	42.242	ng	99
70) Pentachlorophenol	16.992	266	147257	44.370	ng	97
71) Phenanthrene	17.386	178	917978	42.211	ng	100
72) Anthracene	17.474	178	949793	42.921	ng	100
73) Carbazole	17.751	167	843314	43.274	ng	100
74) Di-n-butylphthalate	18.298	149	950325	44.387	ng	100
75) Fluoranthene	19.392	202	1169390	44.741	ng	99
77) Benzidine	19.580	184	438432	42.092	ng	99
78) Pyrene	19.756	202	1265829	39.772	ng	99
80) Butylbenzylphthalate	20.645	149	456971	41.521	ng	99
81) Benzo(a)anthracene	21.497	228	1335132	41.223	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	449721	43.228	ng	98
83) Chrysene	21.556	228	1312700	41.444	ng	100
84) Bis(2-ethylhexyl)phtha...	21.409	149	690513	43.293	ng	99
85) Di-n-octyl phthalate	22.339	149	1235844	43.575	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	1628092	41.968	ng	100
88) Benzo(b)fluoranthene	23.191	252	1347863	42.620	ng	100
89) Benzo(k)fluoranthene	23.239	252	1381856	42.228	ng	99
90) Benzo(a)pyrene	23.821	252	1335837	42.605	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1361531	42.165	ng	99
92) Benzo(g,h,i)perylene	27.221	276	1375125	41.574	ng	99

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

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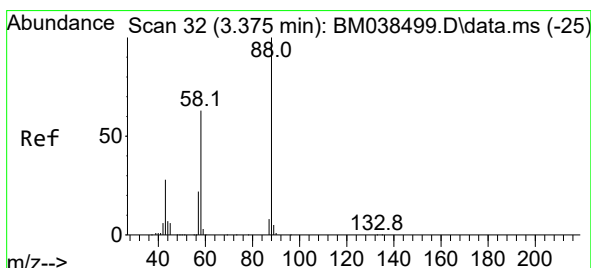
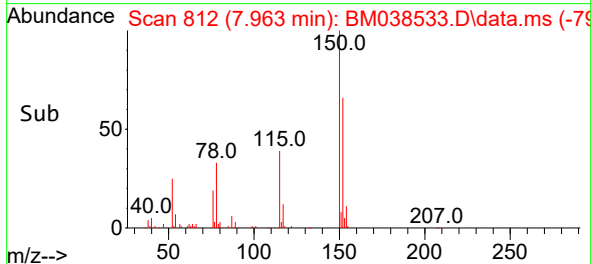
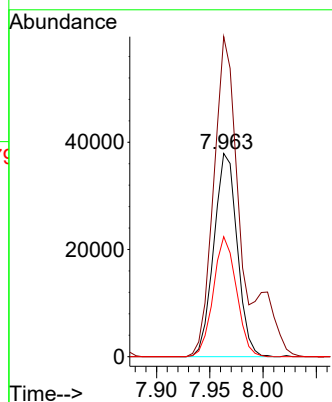
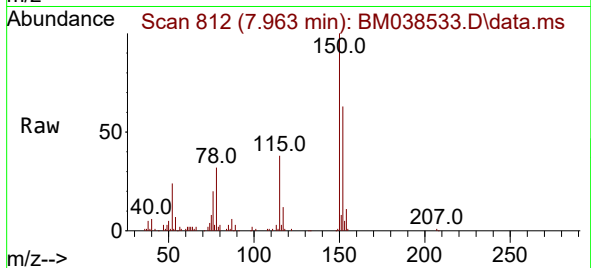




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

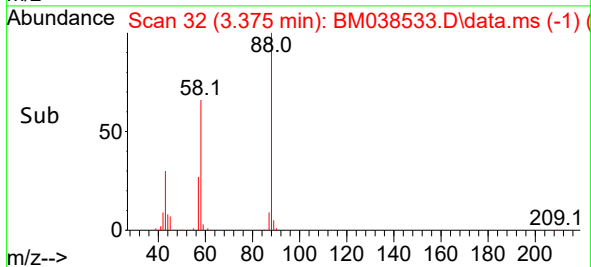
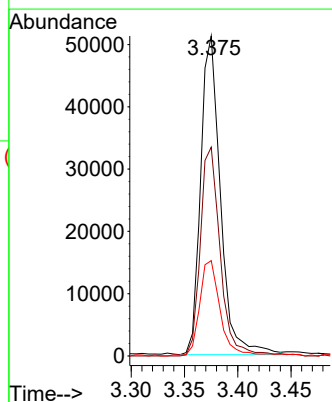
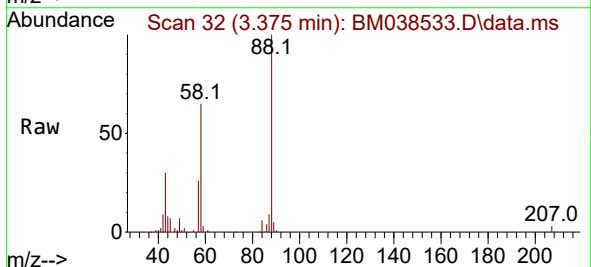
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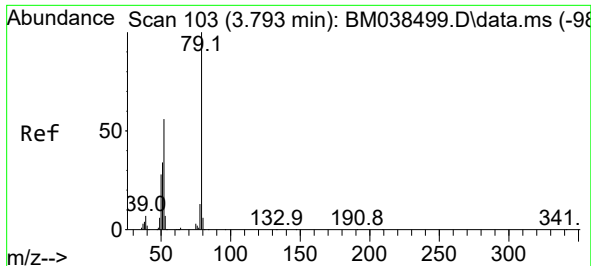
Tgt Ion:152 Resp: 57787
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.4
115 59.1 44.8 67.2



#2
1,4-Dioxane
Concen: 40.438 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 88 Resp: 66301
Ion Ratio Lower Upper
88 100
58 66.1 50.5 75.7
43 31.8 23.9 35.9

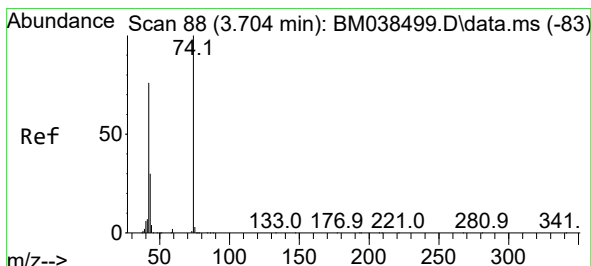
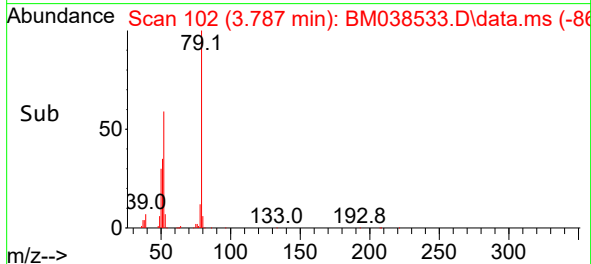
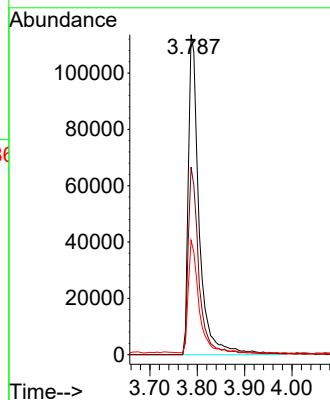
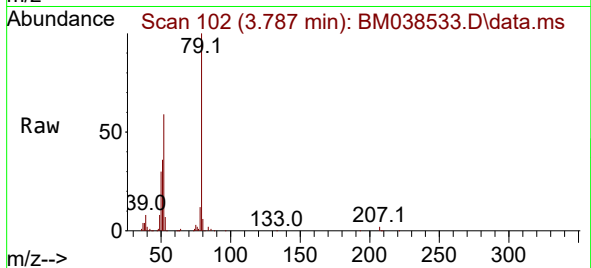




#3
Pyridine
Concen: 41.896 ng
RT: 3.787 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

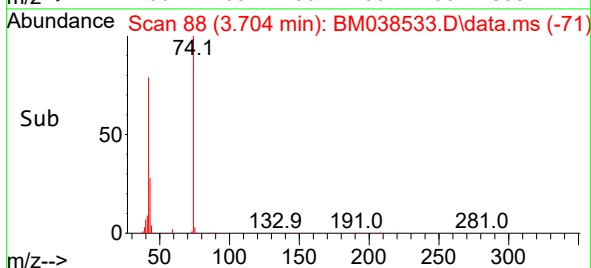
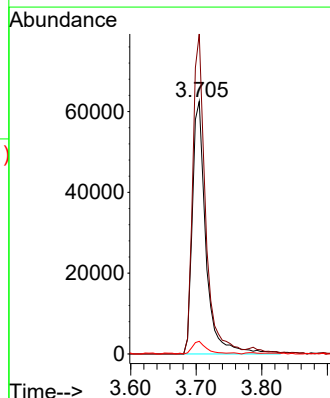
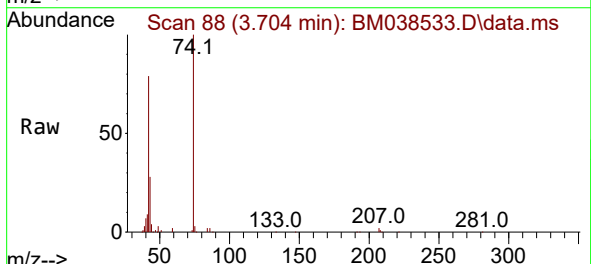
Instrument :
BNA_M
ClientSampleId :
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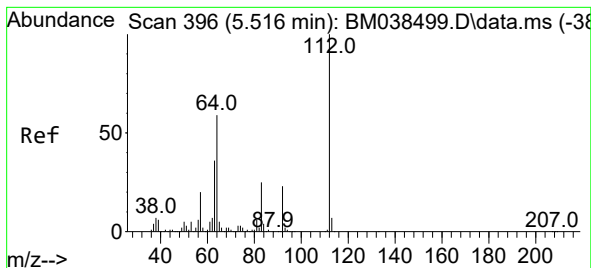
Tgt Ion: 79 Resp: 180411
Ion Ratio Lower Upper
79 100
52 58.6 45.0 67.4
51 35.7 27.1 40.7



#4
n-Nitrosodimethylamine
Concen: 44.081 ng
RT: 3.704 min Scan# 88
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 42 Resp: 90110
Ion Ratio Lower Upper
42 100
74 126.7 105.0 157.4
44 5.0 4.1 6.1

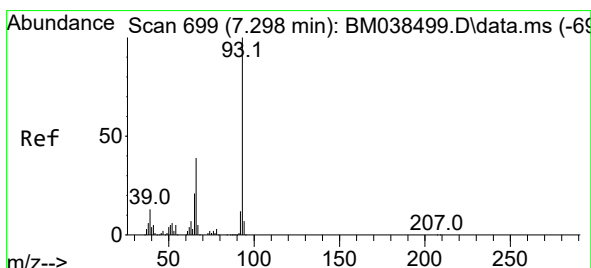
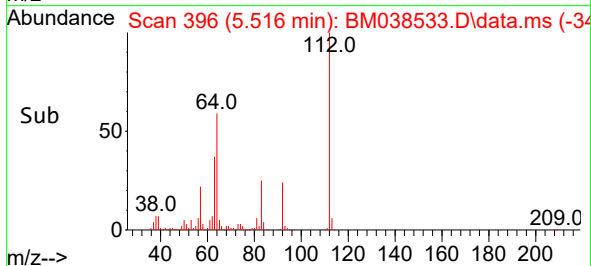
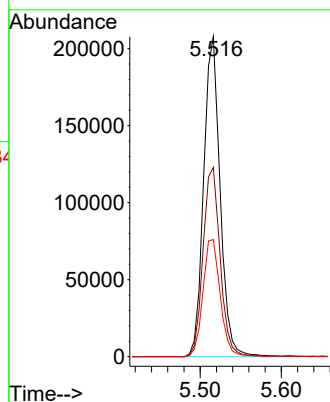
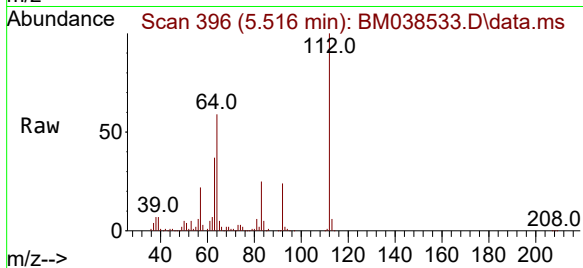




#5
2-Fluorophenol
Concen: 83.703 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

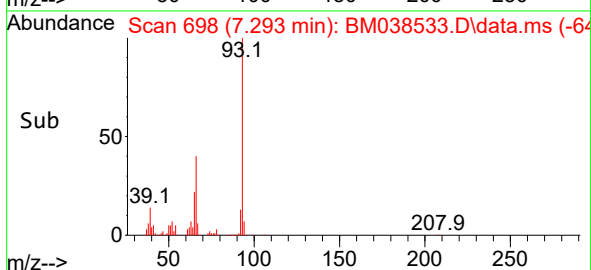
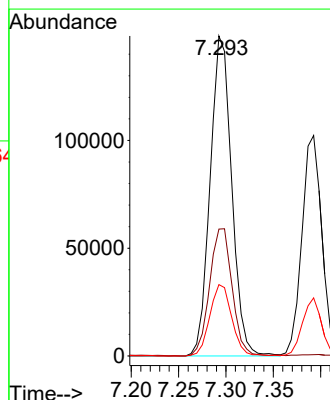
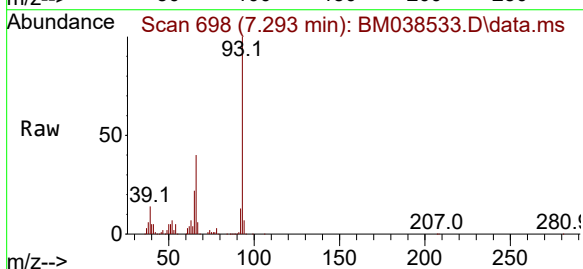
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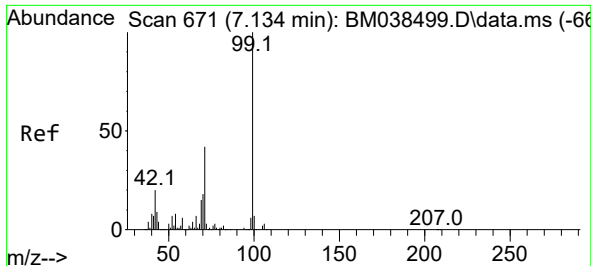
Tgt Ion:112 Resp: 292593
Ion Ratio Lower Upper
112 100
64 59.1 47.3 70.9
63 36.6 28.8 43.2



#6
Aniline
Concen: 42.477 ng
RT: 7.293 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 93 Resp: 235155
Ion Ratio Lower Upper
93 100
66 39.6 31.6 47.4
65 22.3 16.6 24.8

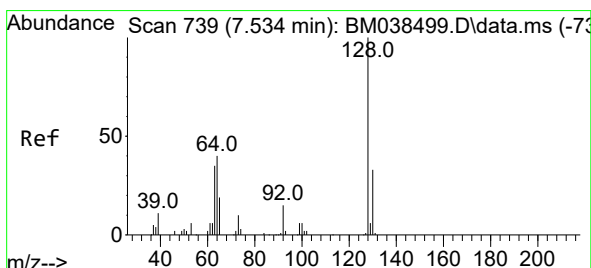
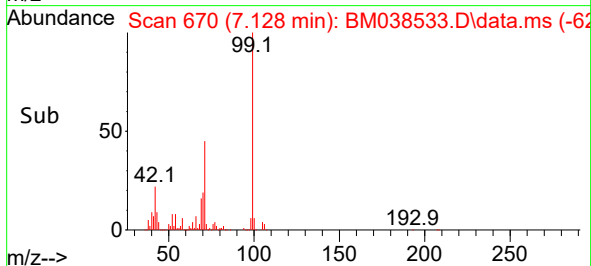
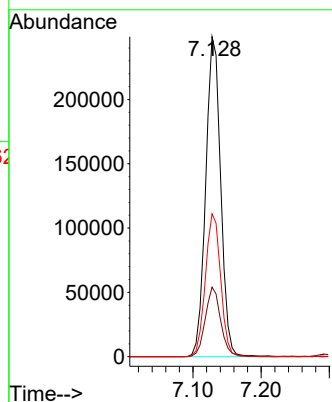
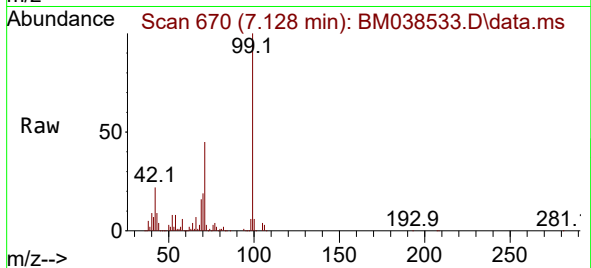




#7
Phenol-d6
Concen: 85.283 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

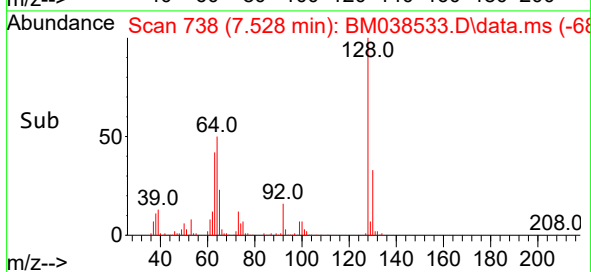
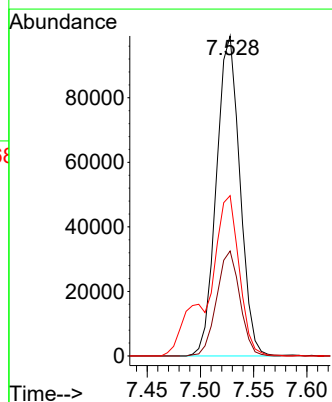
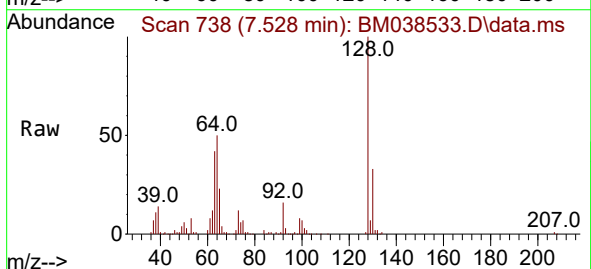
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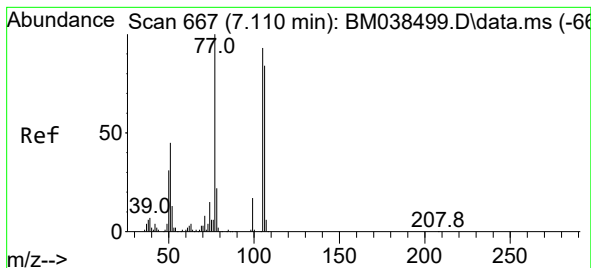
Tgt Ion: 99 Resp: 380361
Ion Ratio Lower Upper
99 100
42 21.7 16.0 24.0
71 44.7 33.8 50.6



#8
2-Chlorophenol
Concen: 42.562 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 128 Resp: 151987
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 50.1 27.7 67.7





#9

Benzaldehyde

Concen: 42.329 ng

RT: 7.104 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

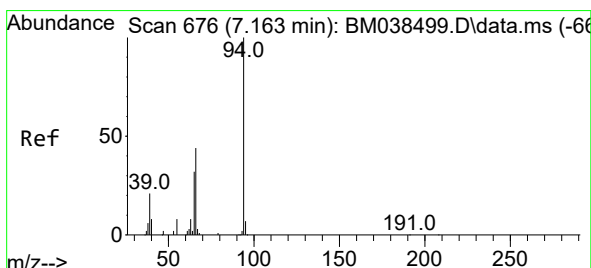
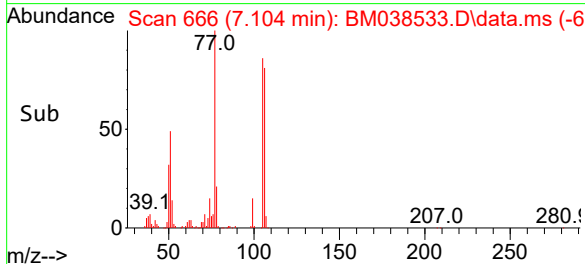
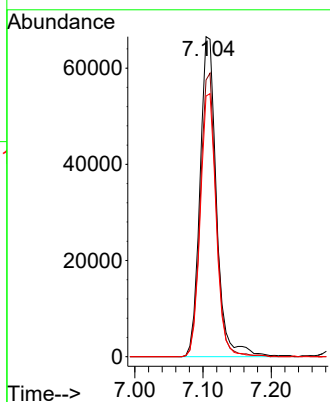
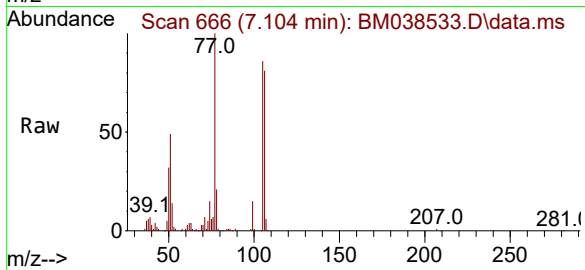
Tgt Ion: 77 Resp: 111981

Ion Ratio Lower Upper

77 100

105 86.5 72.9 112.9

106 81.5 63.8 103.8



#10

Phenol

Concen: 42.577 ng

RT: 7.157 min Scan# 675

Delta R.T. -0.006 min

Lab File: BM038533.D

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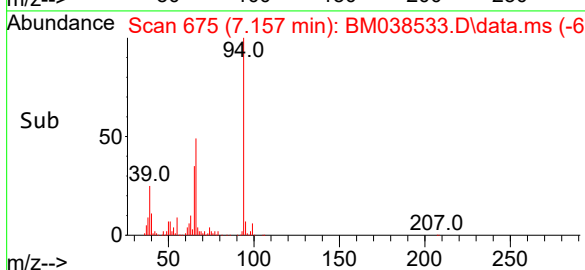
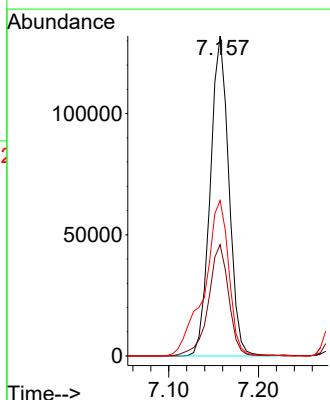
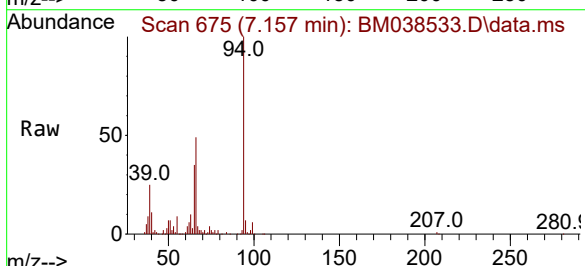
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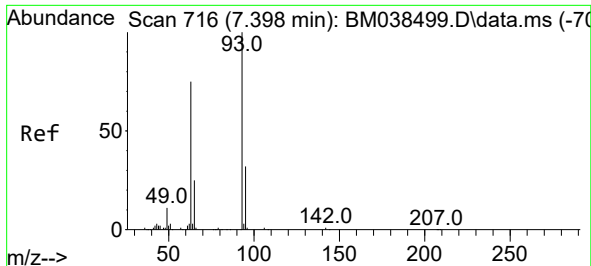
Ion Ratio Lower Upper

94 100

65 34.8 12.7 52.7

66 48.6 26.0 66.0

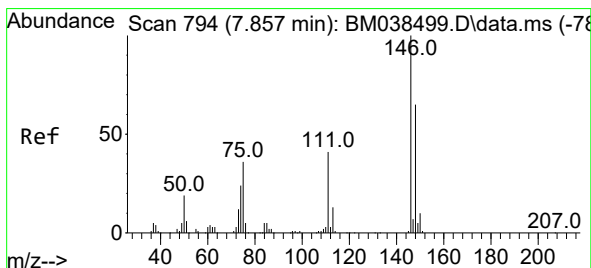
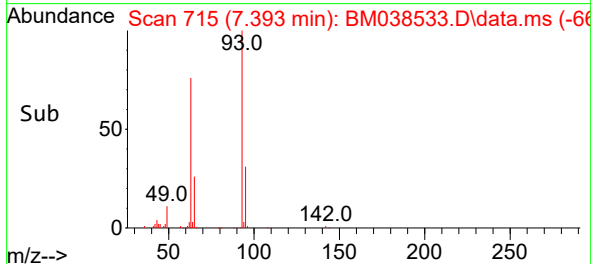
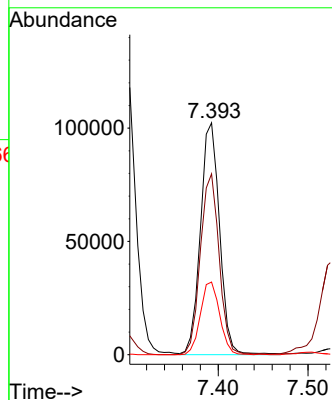
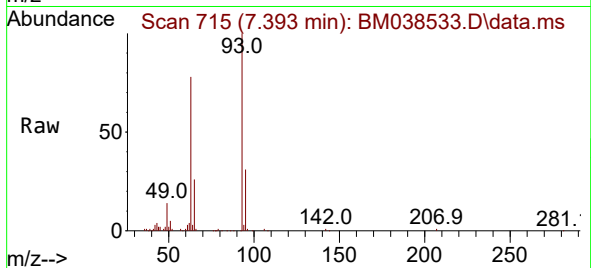




#11
bis(2-Chloroethyl)ether
Concen: 43.195 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

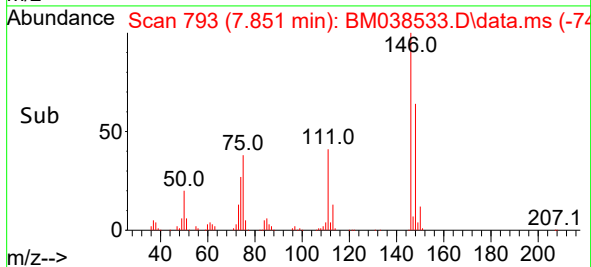
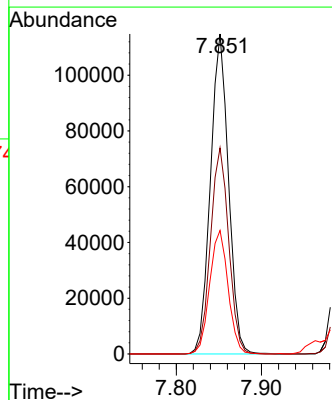
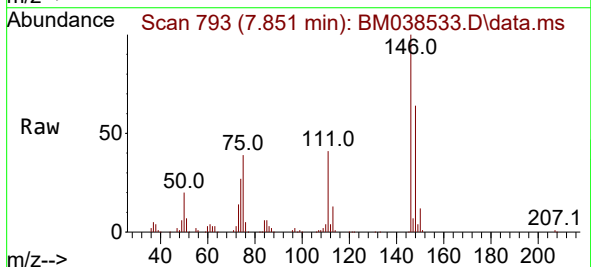
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

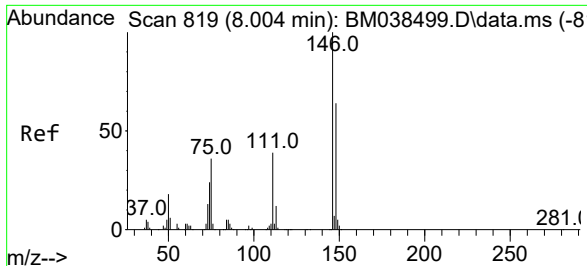
Tgt Ion: 93 Resp: 151888
Ion Ratio Lower Upper
93 100
63 78.0 54.4 94.4
95 31.4 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 41.712 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 146 Resp: 169340
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
75 38.6 28.7 43.1

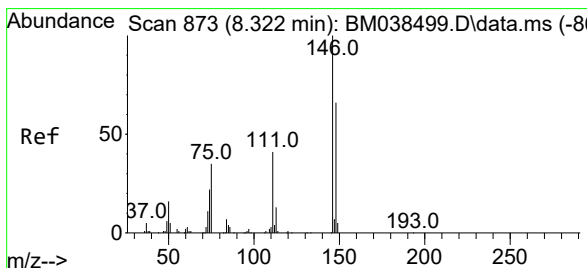
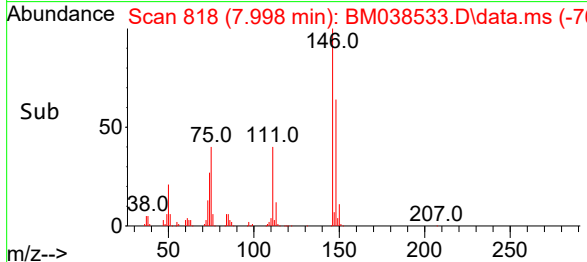
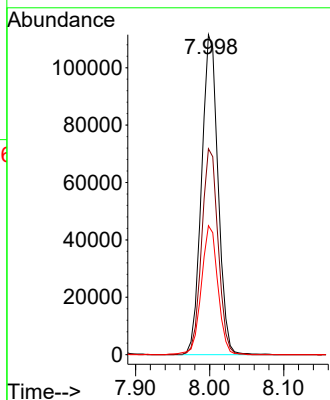
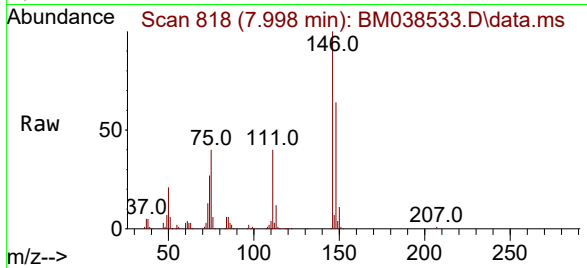




#13
1,4-Dichlorobenzene
Concen: 42.108 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

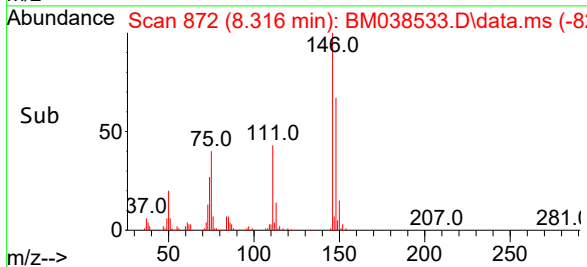
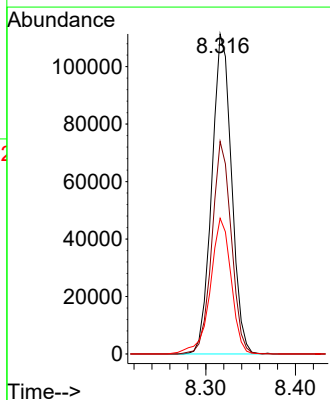
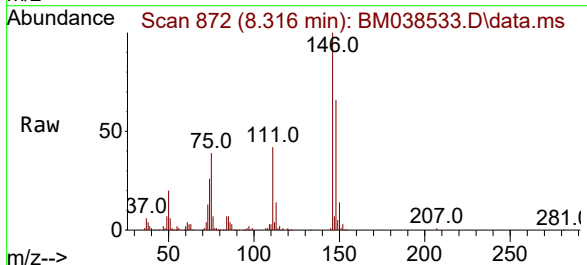
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

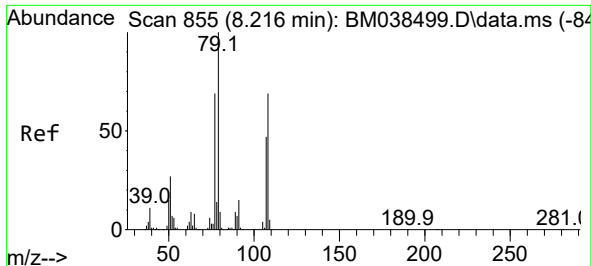
Tgt Ion:146 Resp: 172725
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 40.3 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 42.727 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:146 Resp: 169761
Ion Ratio Lower Upper
146 100
148 66.4 52.7 79.1
111 42.4 33.2 49.8

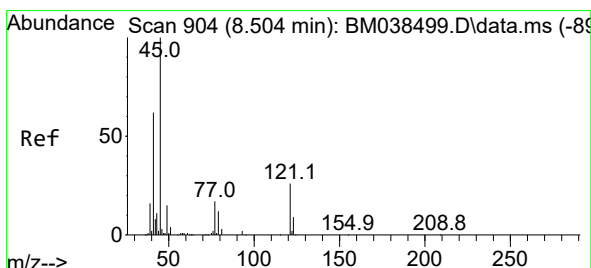
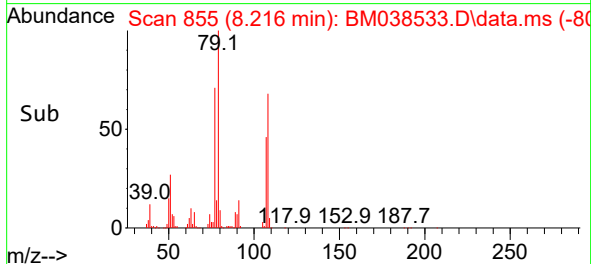
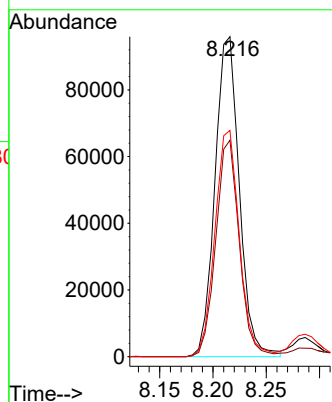
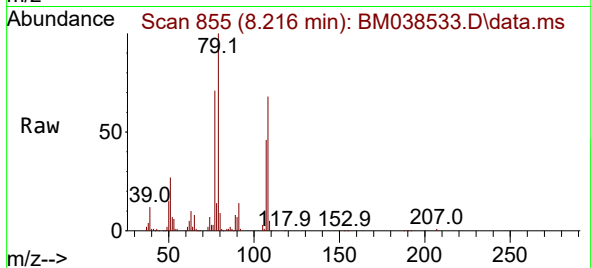




#15
Benzyl Alcohol
Concen: 45.722 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

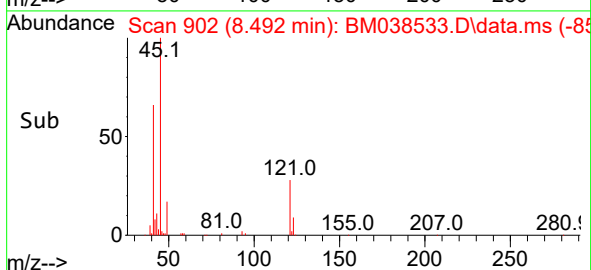
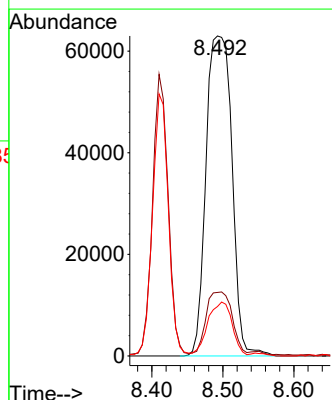
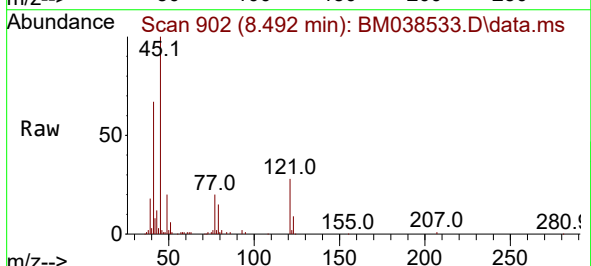
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

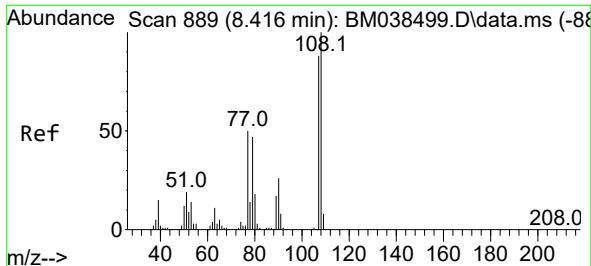
Tgt Ion: 79 Resp: 152467
Ion Ratio Lower Upper
79 100
108 67.6 55.0 82.6
77 70.7 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.228 ng
RT: 8.492 min Scan# 902
Delta R.T. -0.012 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 45 Resp: 159625
Ion Ratio Lower Upper
45 100
77 19.8 0.0 39.2
79 15.4 0.0 34.9

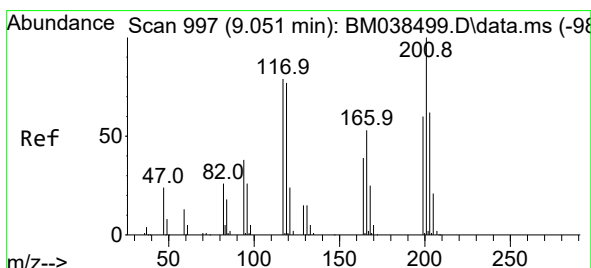
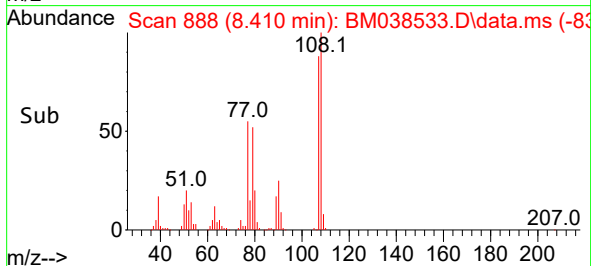
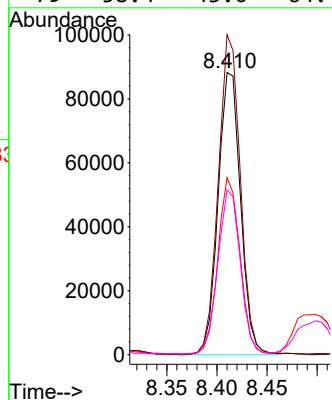
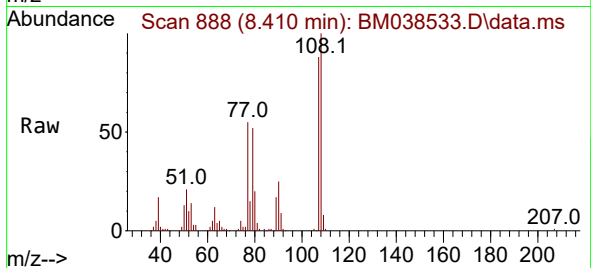




#17
2-Methylphenol
Concen: 43.611 ng
RT: 8.410 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

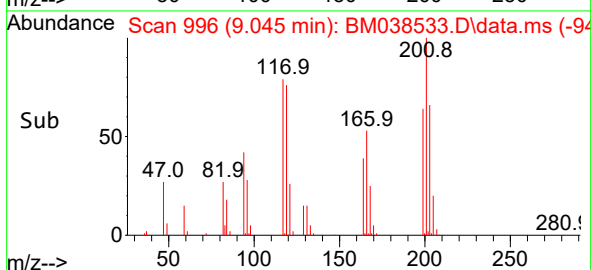
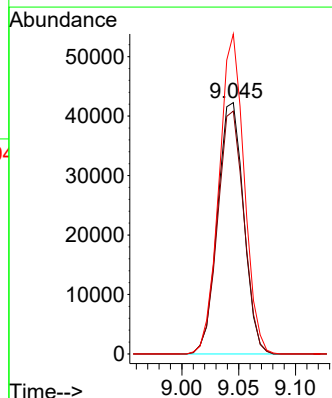
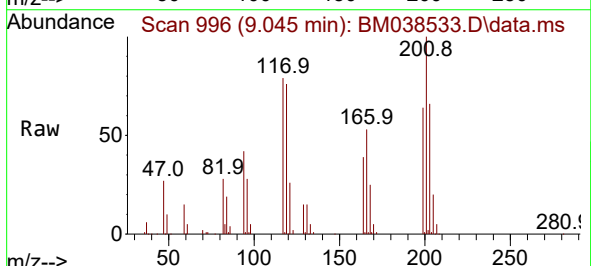
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

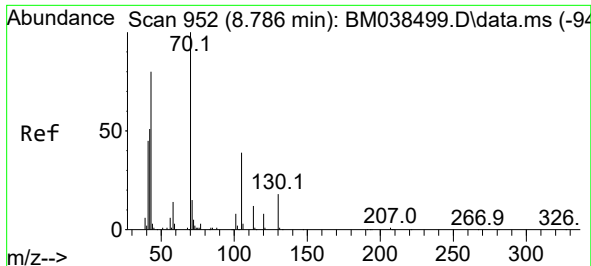
Tgt Ion:	107	Resp:	137560
Ion Ratio	Lower	Upper	
107	100		
108	113.4	90.8	136.2
77	62.8	46.1	69.1
79	58.4	43.0	64.4



#18
Hexachloroethane
Concen: 44.334 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:	117	Resp:	67608
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.9	116.9
201	127.3	100.6	151.0



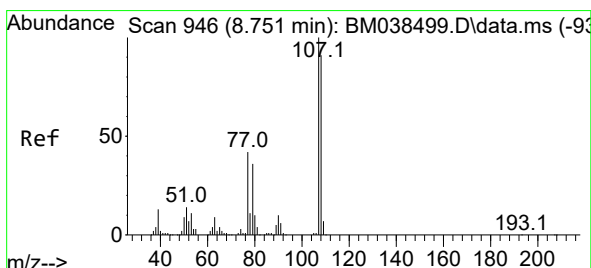
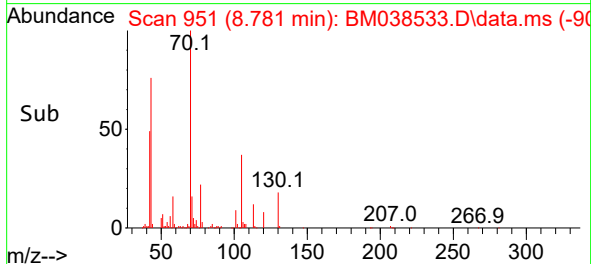
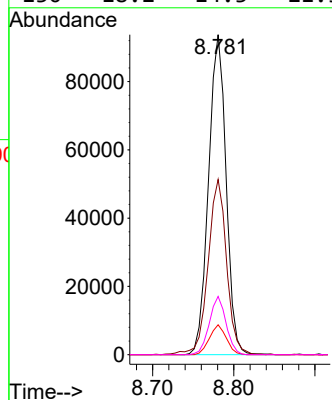
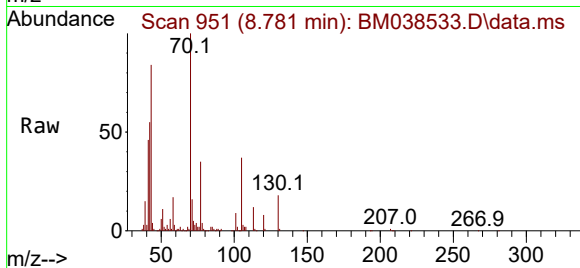


#19
n-Nitroso-di-n-propylamine
Concen: 46.196 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 140609

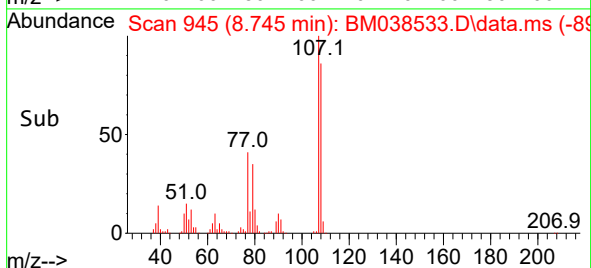
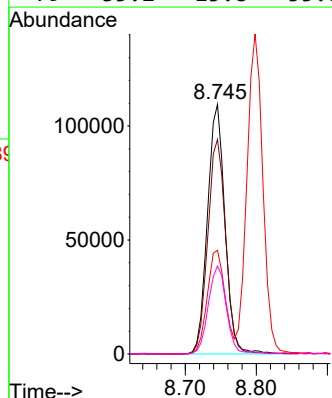
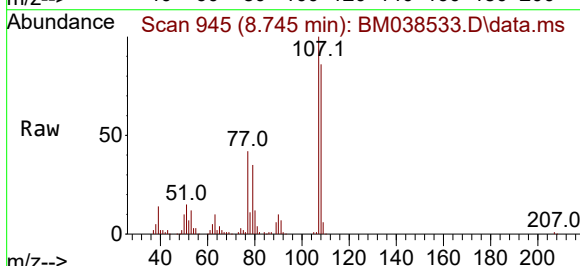
Ion	Ratio	Lower	Upper
70	100		
42	54.8	41.4	62.2
101	9.4	6.5	9.7
130	18.2	14.3	21.5

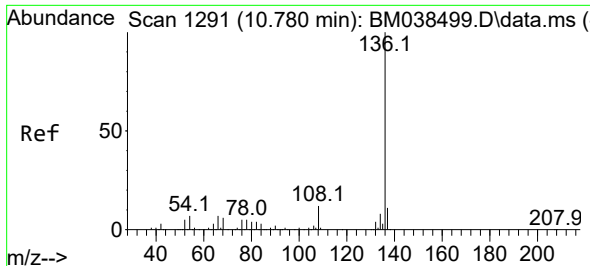


#20
3+4-Methylphenols
Concen: 44.502 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 107 Resp: 188136

Ion	Ratio	Lower	Upper
107	100		
108	86.0	70.7	110.7
77	41.6	22.0	62.0
79	35.2	15.8	55.8

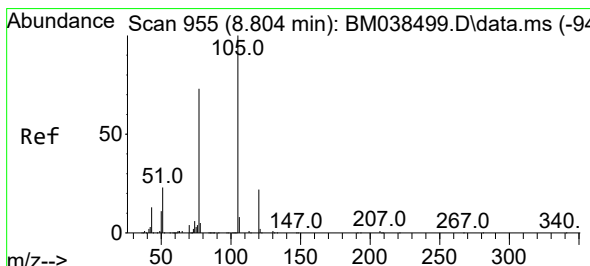
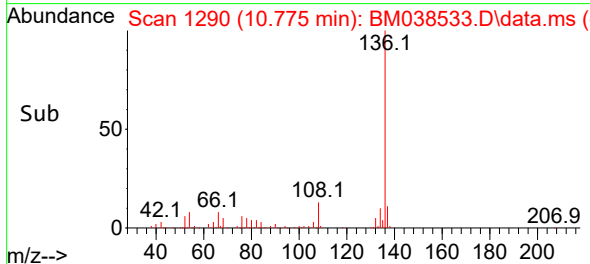
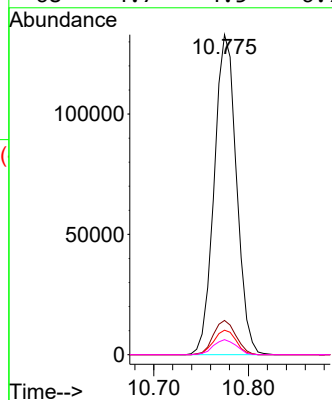
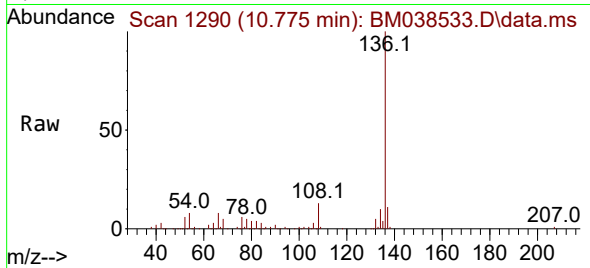




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

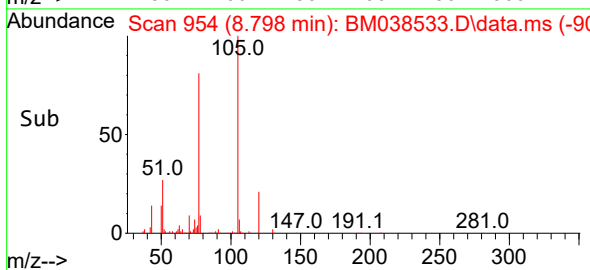
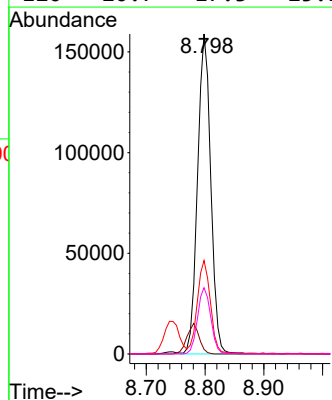
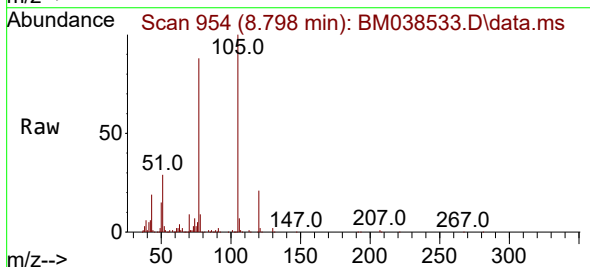
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

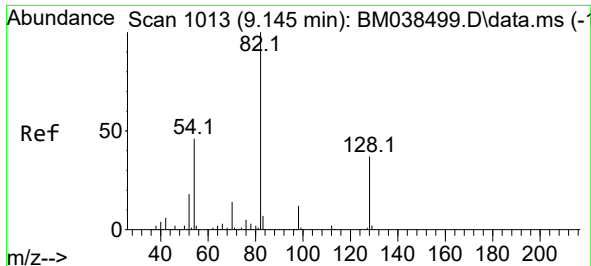
Tgt Ion:136 Resp: 217098
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 6.0 9.0
68 4.7 4.5 6.7



#22
Acetophenone
Concen: 41.527 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:105 Resp: 248358
Ion Ratio Lower Upper
105 100
71 1.5 0.9 1.3#
51 29.2 21.8 32.8
120 20.7 17.3 25.9





#23

Nitrobenzene-d5

Concen: 84.268 ng

RT: 9.139 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

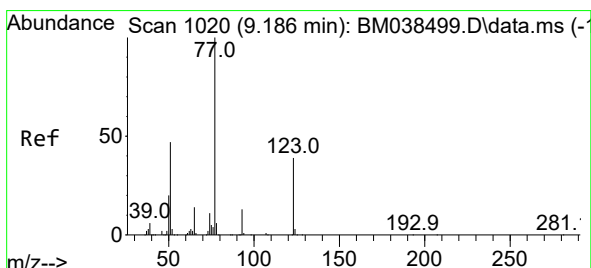
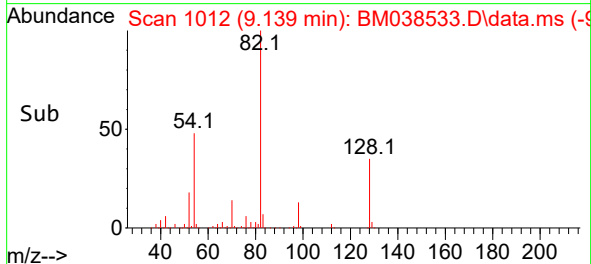
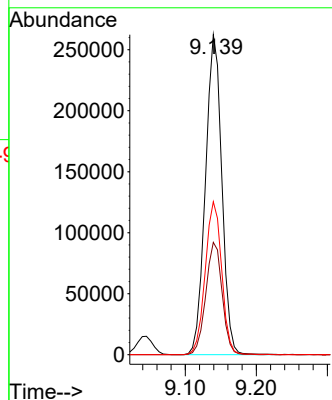
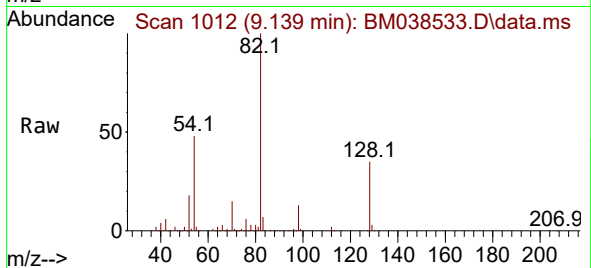
Tgt Ion: 82 Resp: 421289

Ion Ratio Lower Upper

82 100

128 35.1 29.3 43.9

54 47.8 36.9 55.3



#24

Nitrobenzene

Concen: 42.127 ng

RT: 9.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

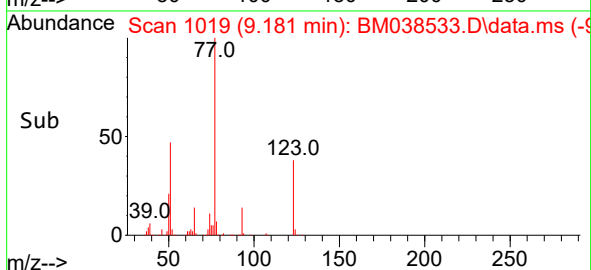
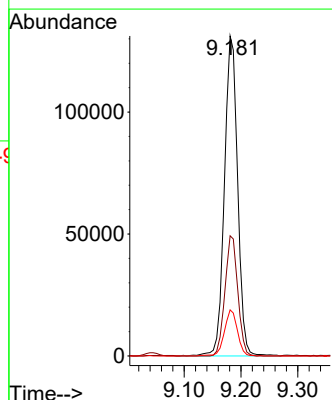
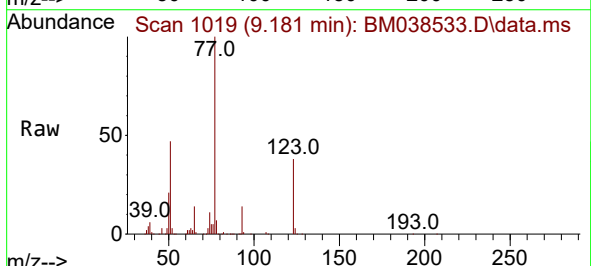
Tgt Ion: 77 Resp: 213099

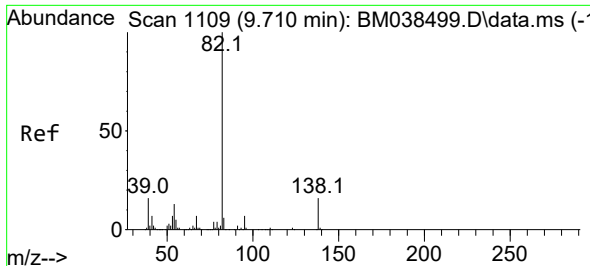
Ion Ratio Lower Upper

77 100

123 37.6 31.5 47.3

65 14.4 11.2 16.8

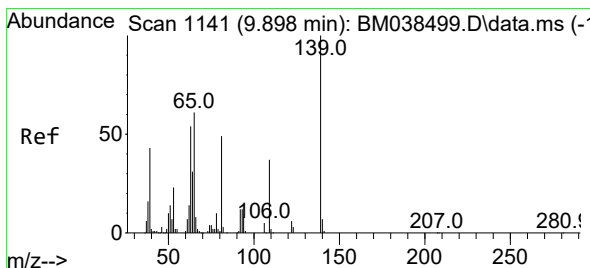
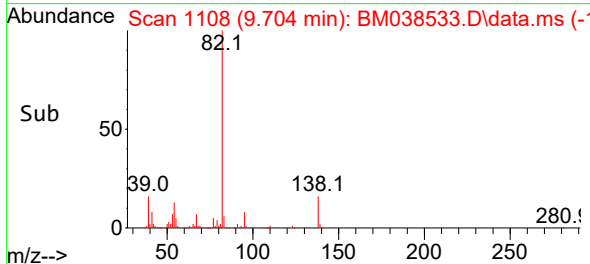
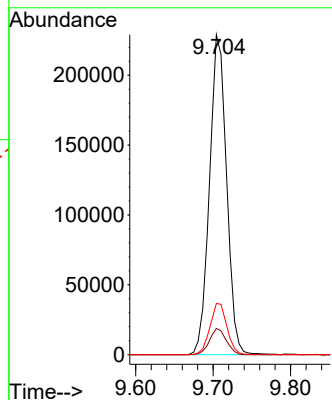
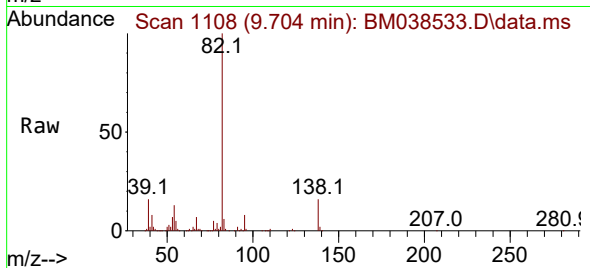




#25
Isophorone
Concen: 42.503 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

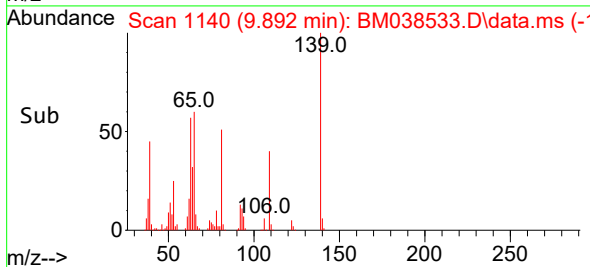
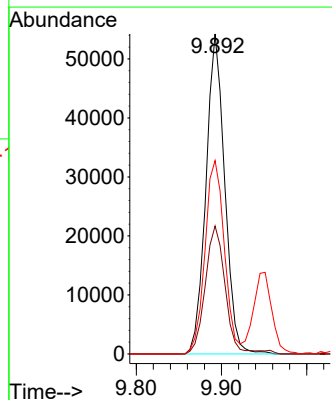
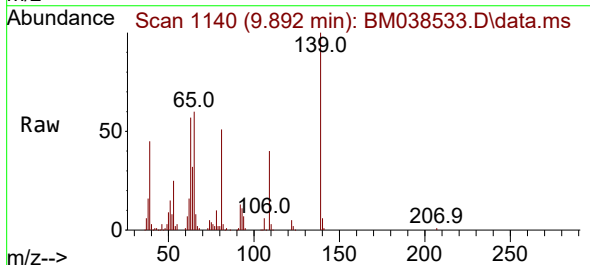
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

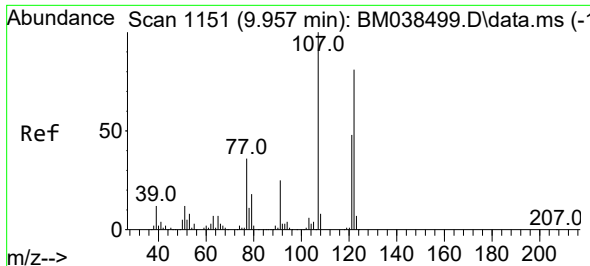
Tgt Ion: 82 Resp: 350661
Ion Ratio Lower Upper
82 100
95 8.2 5.6 8.4
138 16.0 13.2 19.8



#26
2-Nitrophenol
Concen: 41.331 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 139 Resp: 82987
Ion Ratio Lower Upper
139 100
109 40.0 29.3 43.9
65 60.4 48.6 72.8

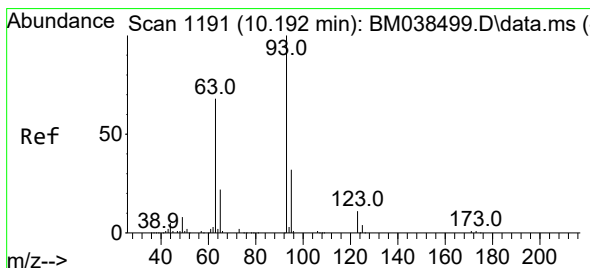
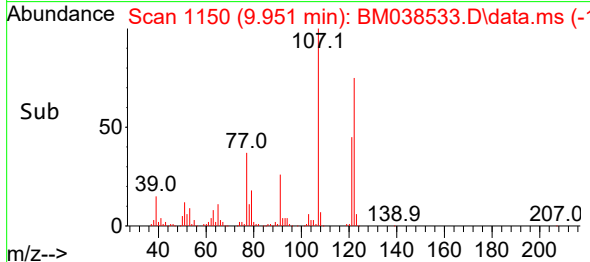
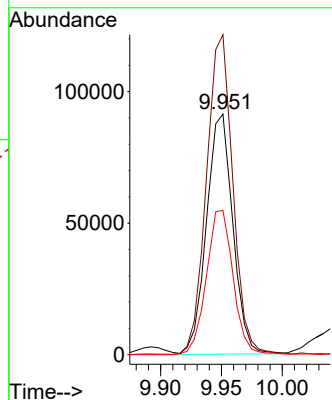
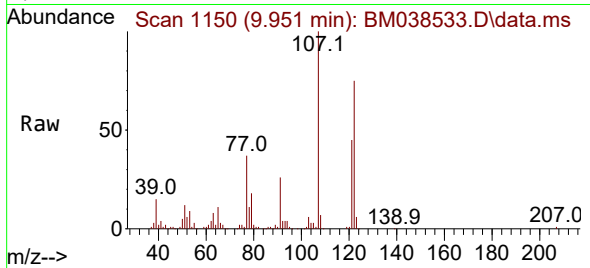




#27
2,4-Dimethylphenol
Concen: 41.189 ng
RT: 9.951 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

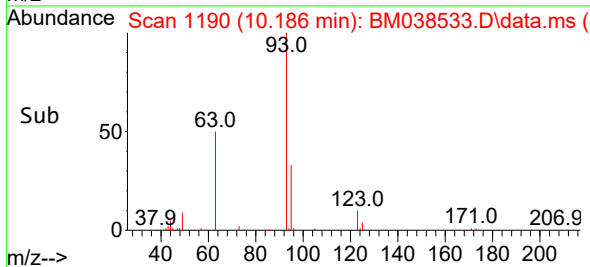
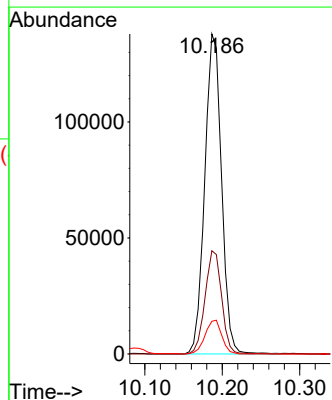
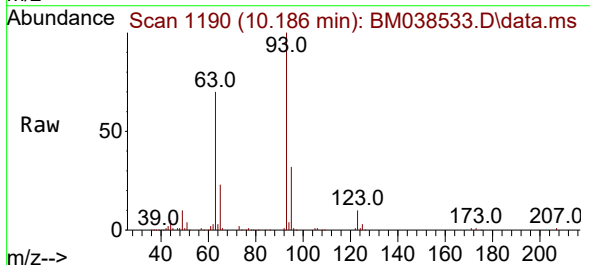
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

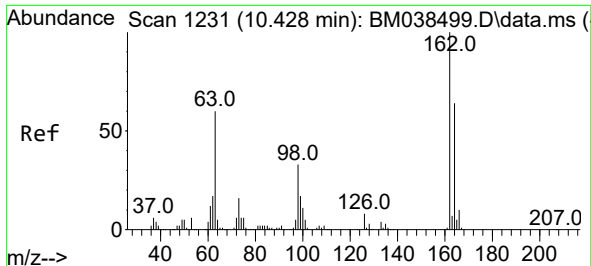
Tgt Ion:122 Resp: 137639
Ion Ratio Lower Upper
122 100
107 133.0 98.2 147.2
121 60.0 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.989 ng
RT: 10.186 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 93 Resp: 207479
Ion Ratio Lower Upper
93 100
95 32.3 25.3 37.9
123 10.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 43.251 ng

RT: 10.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

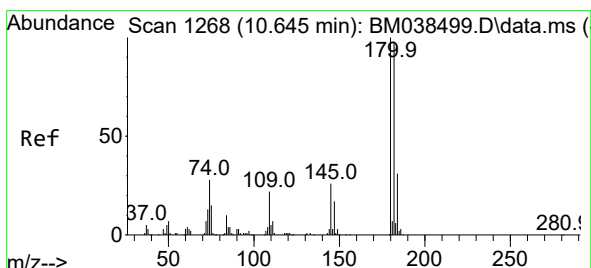
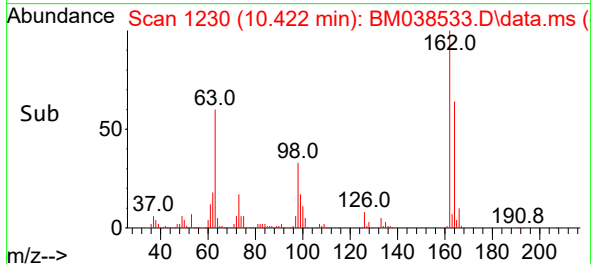
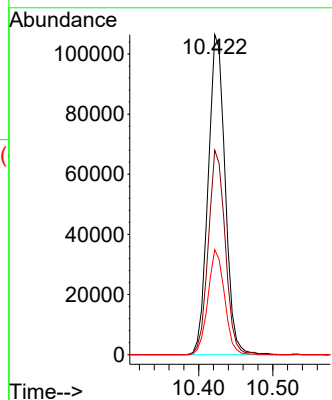
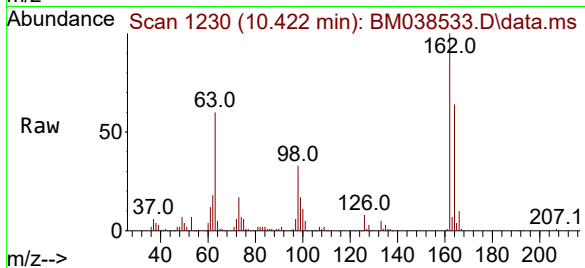
Tgt Ion:162 Resp: 169559

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 32.8 12.9 52.9



#30

1,2,4-Trichlorobenzene

Concen: 42.874 ng

RT: 10.639 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

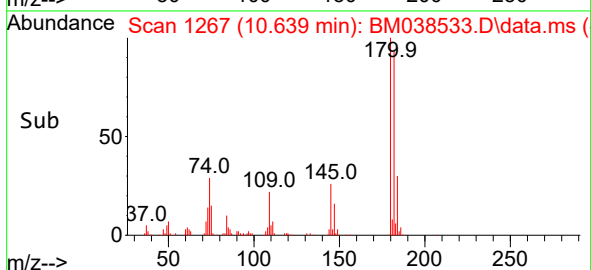
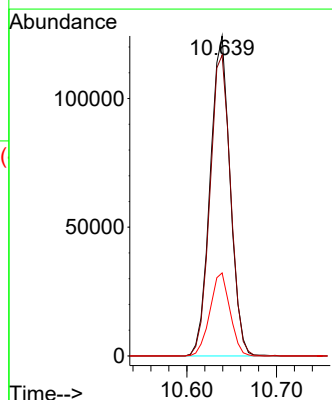
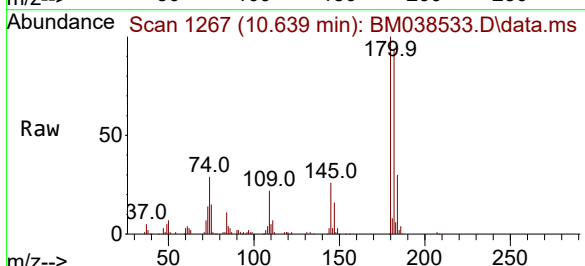
Tgt Ion:180 Resp: 192218

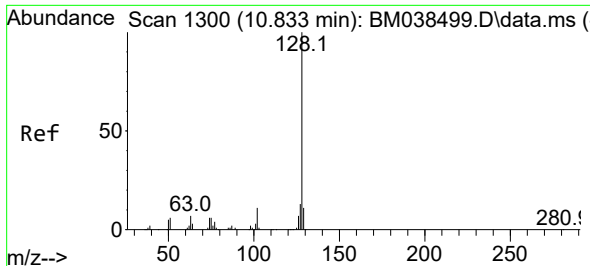
Ion Ratio Lower Upper

180 100

182 94.0 78.3 117.5

145 25.9 21.0 31.6

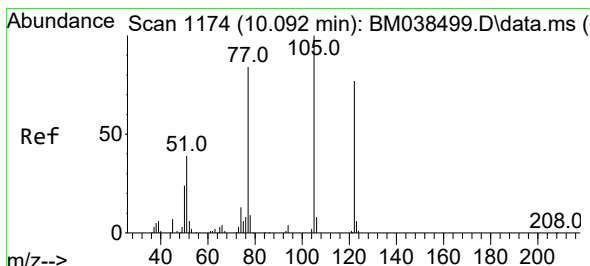
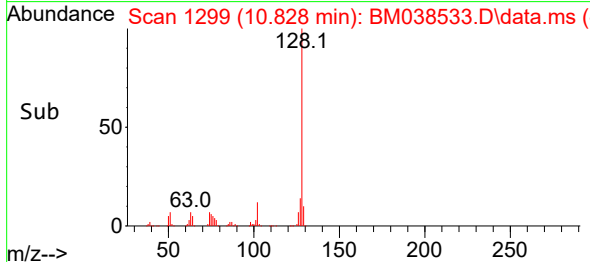
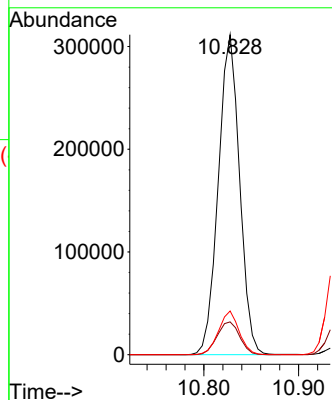
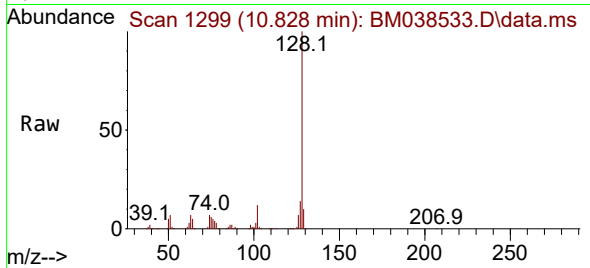




#31
Naphthalene
Concen: 41.240 ng
RT: 10.828 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

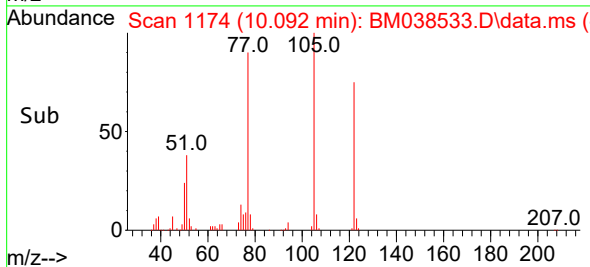
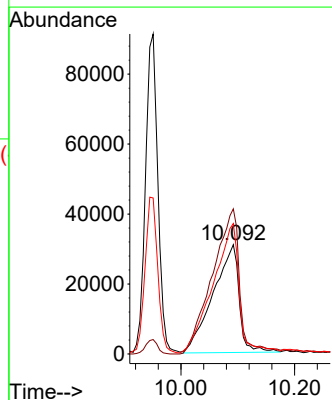
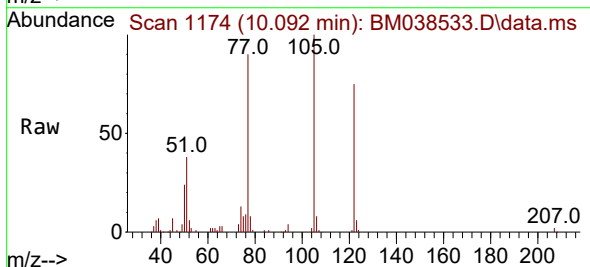
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

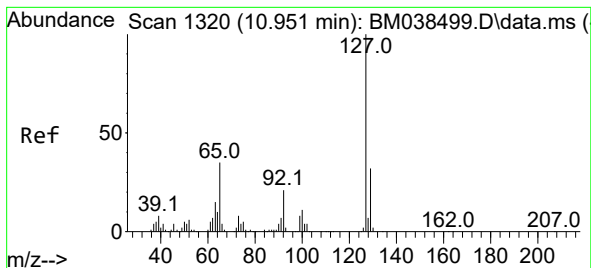
Tgt Ion:128 Resp: 486391
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 13.7 10.3 15.5



#32
Benzoic acid
Concen: 38.893 ng
RT: 10.092 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:122 Resp: 98630
Ion Ratio Lower Upper
122 100
105 132.9 107.9 147.9
77 119.4 88.6 128.6





#33

4-Chloroaniline

Concen: 42.694 ng

RT: 10.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 210171

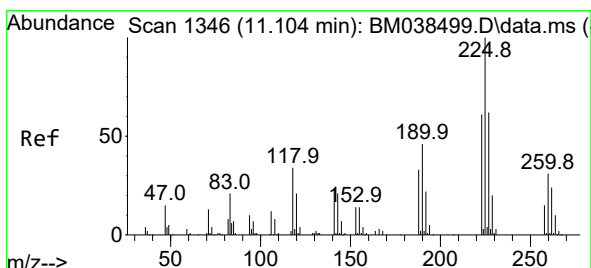
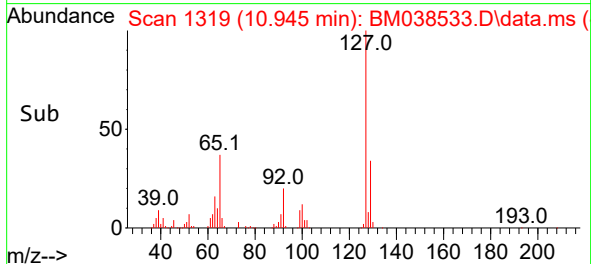
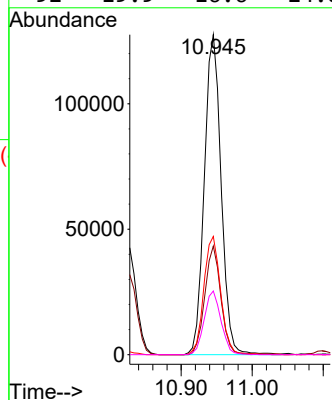
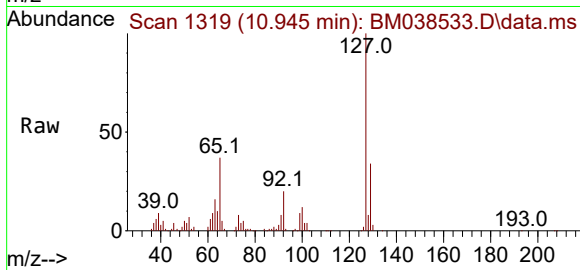
Ion Ratio Lower Upper

127 100

129 34.0 25.8 38.6

65 37.0 28.2 42.2

92 19.9 16.6 24.8



#34

Hexachlorobutadiene

Concen: 43.349 ng

RT: 11.098 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

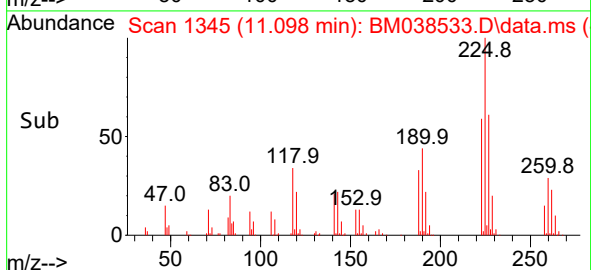
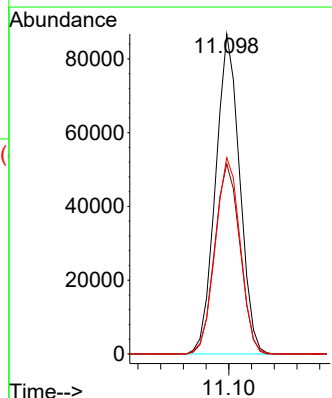
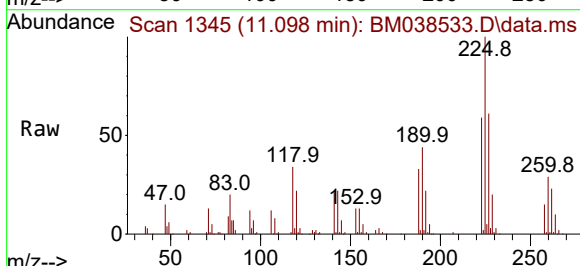
Tgt Ion:225 Resp: 127838

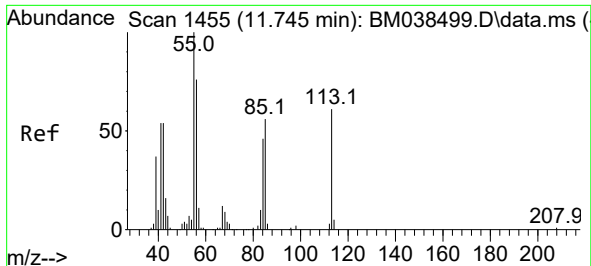
Ion Ratio Lower Upper

225 100

223 59.4 48.8 73.2

227 61.4 49.4 74.0

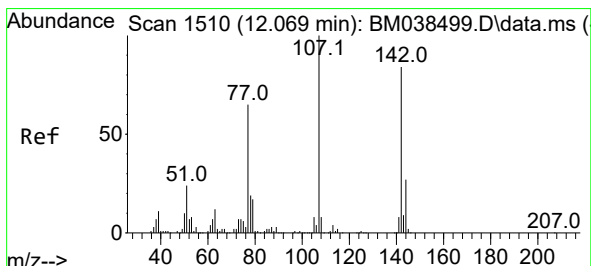
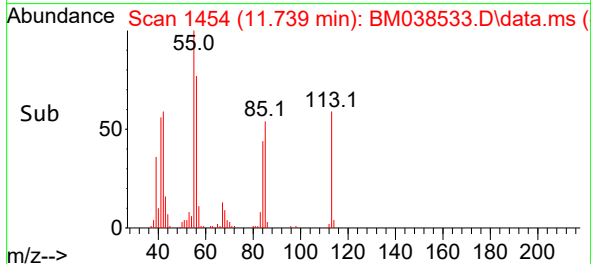
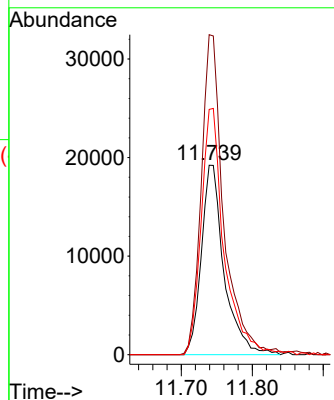
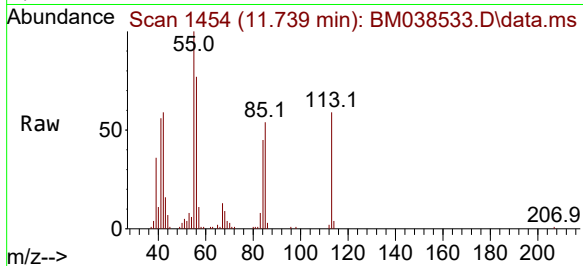




#35
 Caprolactam
 Concen: 45.009 ng
 RT: 11.739 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59

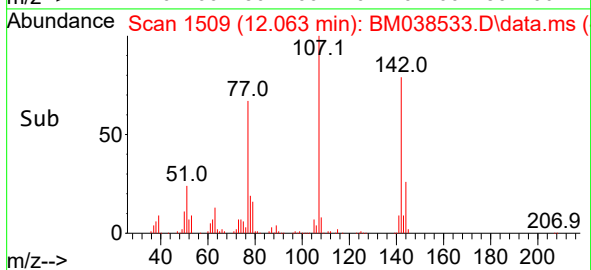
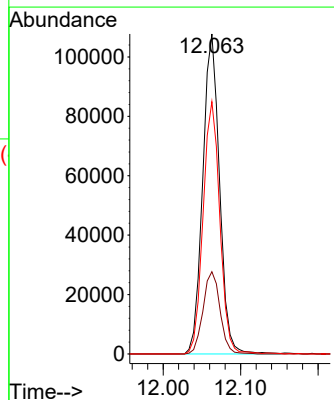
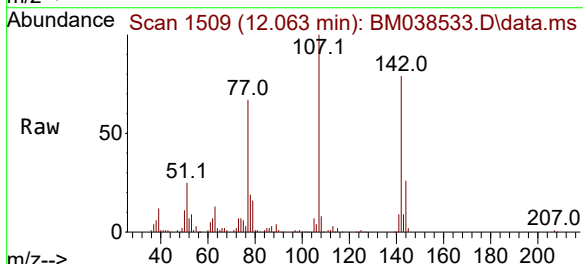
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

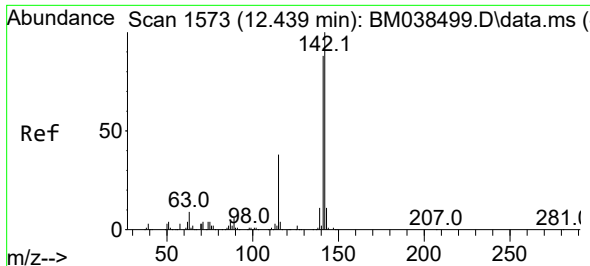
Tgt Ion:113 Resp: 42779
 Ion Ratio Lower Upper
 113 100
 55 169.0 145.0 185.0
 56 129.6 105.7 145.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.444 ng
 RT: 12.063 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59

Tgt Ion:107 Resp: 162005
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.0 33.0
 142 78.8 67.5 101.3





#37

2-Methylnaphthalene

Concen: 43.424 ng

RT: 12.427 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

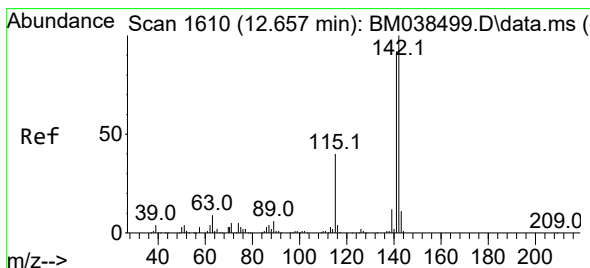
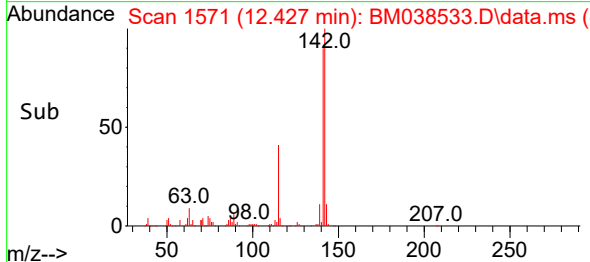
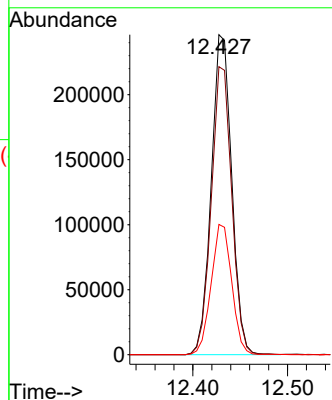
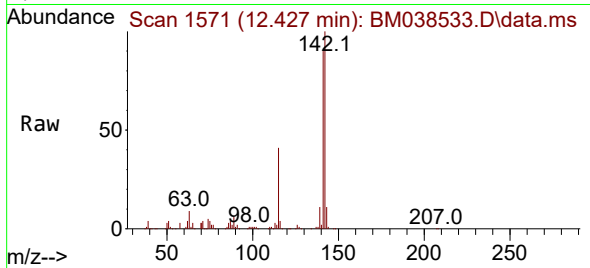
Tgt Ion:142 Resp: 368056

Ion Ratio Lower Upper

142 100

141 90.0 70.7 106.1

115 40.7 30.4 45.6



#38

1-Methylnaphthalene

Concen: 43.298 ng

RT: 12.651 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

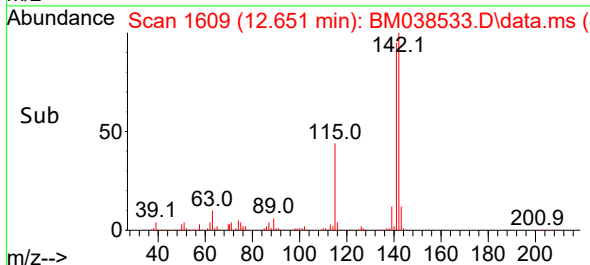
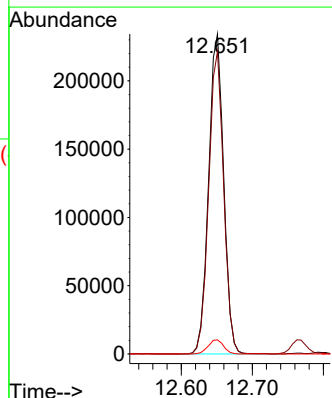
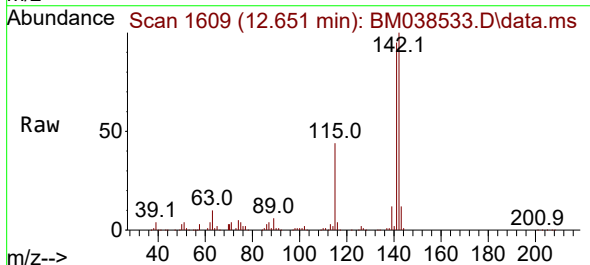
Tgt Ion:142 Resp: 346113

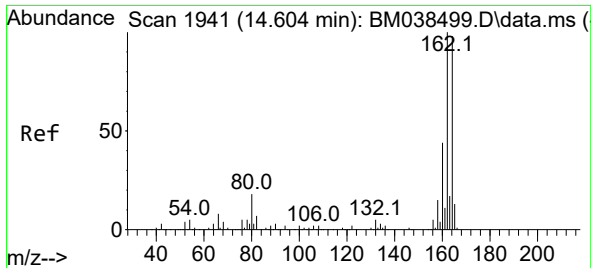
Ion Ratio Lower Upper

142 100

141 94.5 73.4 110.0

116 4.4 3.3 4.9

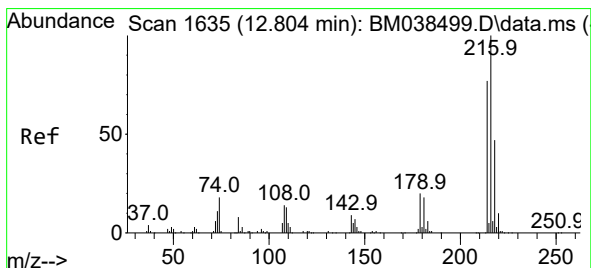
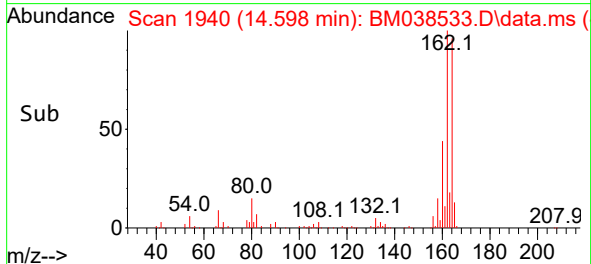
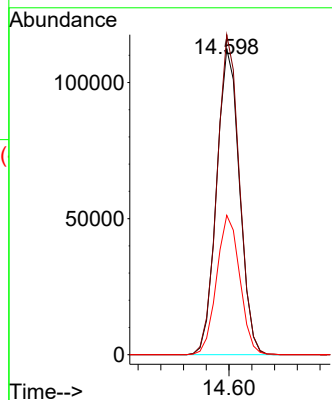
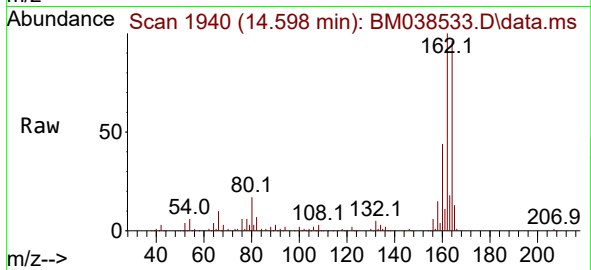




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

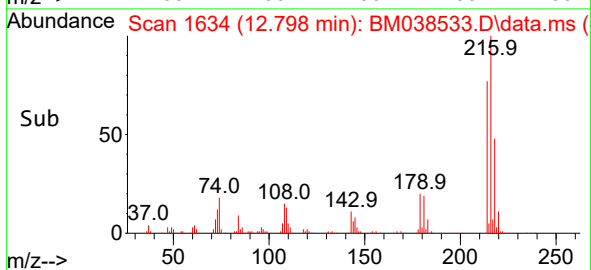
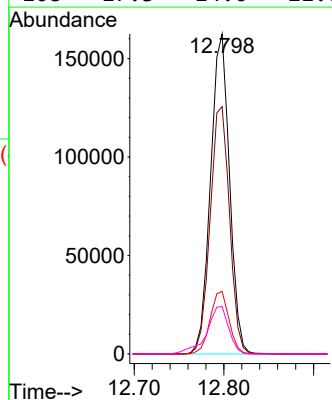
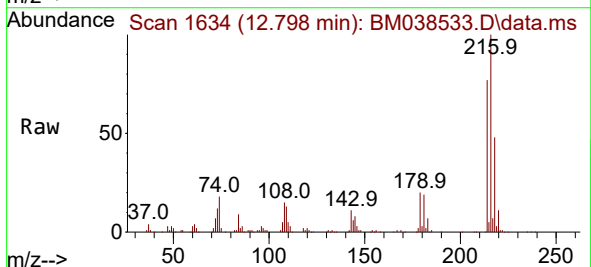
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

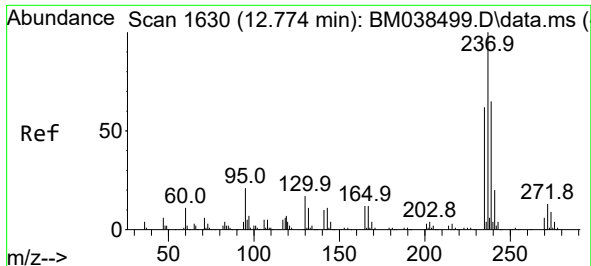
Tgt Ion:164 Resp: 157514
Ion Ratio Lower Upper
164 100
162 104.6 82.0 123.0
160 45.6 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.210 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:216 Resp: 238252
Ion Ratio Lower Upper
216 100
214 79.0 61.4 92.0
179 19.5 15.7 23.5
108 17.3 14.0 21.0

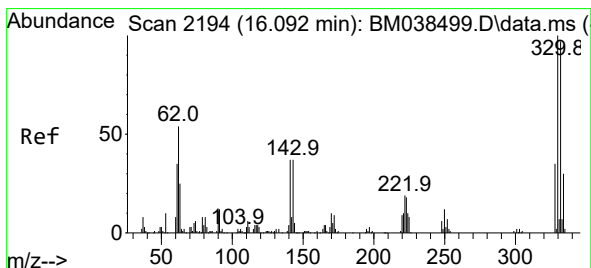
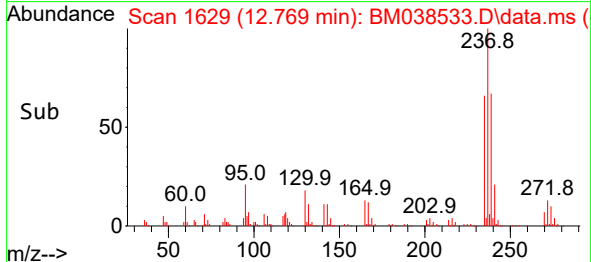
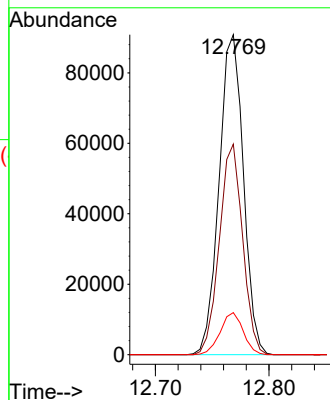
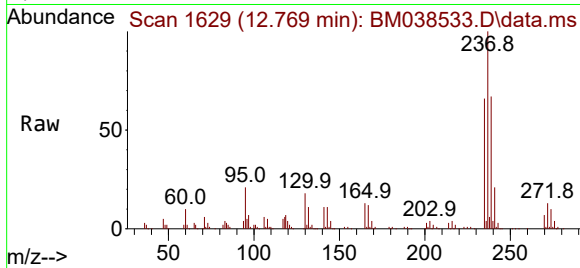




#41
Hexachlorocyclopentadiene
Concen: 41.414 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

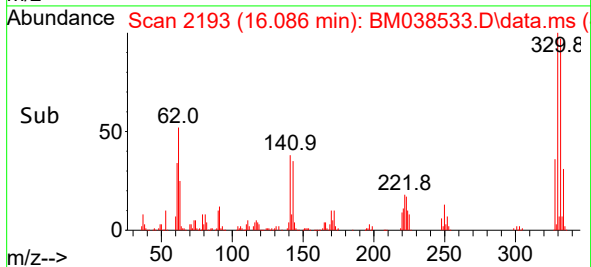
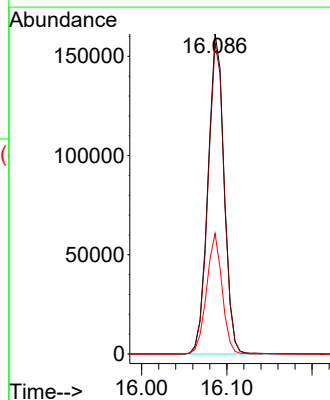
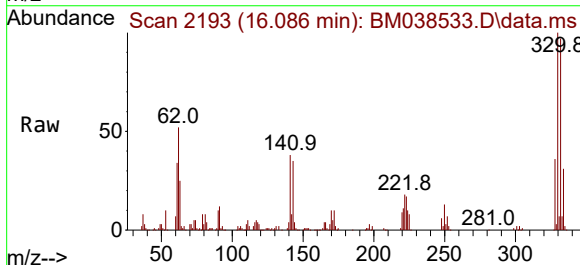
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

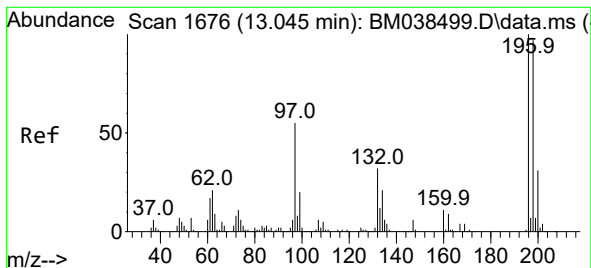
Tgt Ion:237 Resp: 134866
Ion Ratio Lower Upper
237 100
235 65.8 42.3 82.3
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 93.707 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:330 Resp: 212550
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 36.1 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 40.956 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

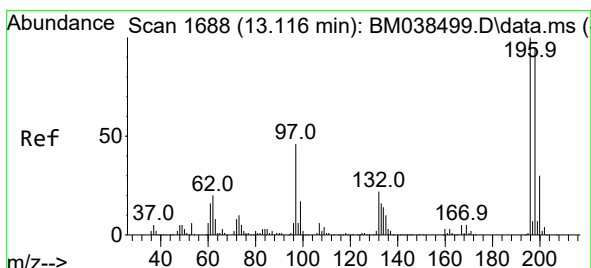
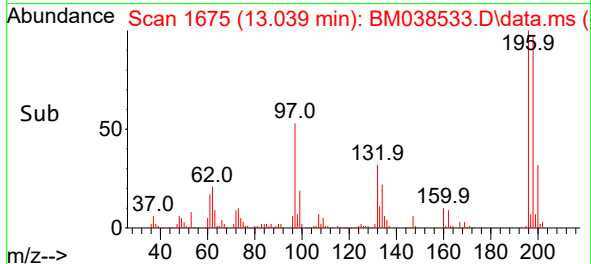
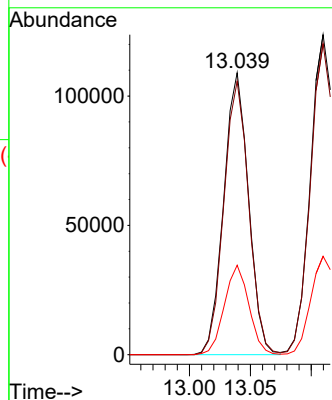
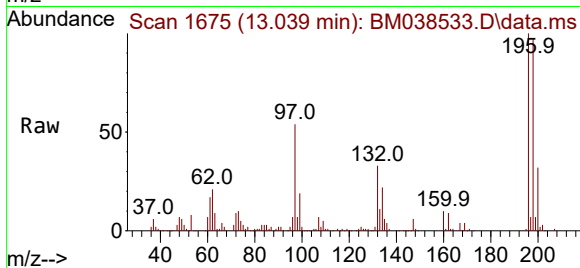
Tgt Ion:196 Resp: 155345

Ion Ratio Lower Upper

196 100

198 96.9 77.9 116.9

200 31.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 40.816 ng

RT: 13.110 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Tgt Ion:196 Resp: 181323

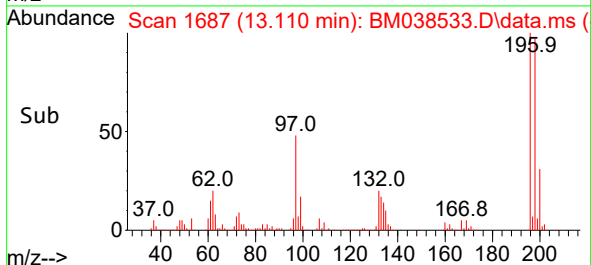
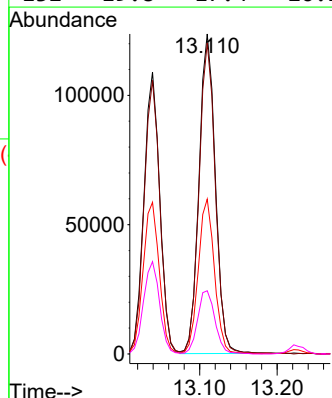
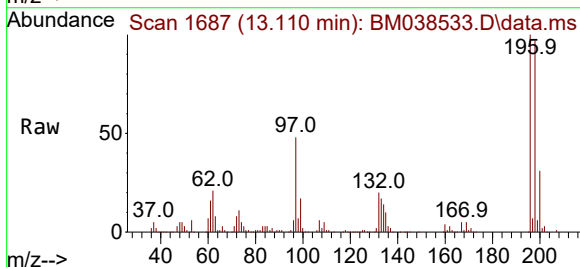
Ion Ratio Lower Upper

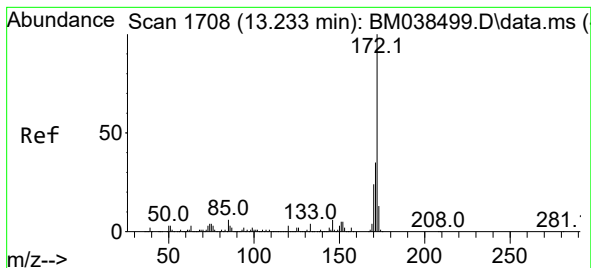
196 100

198 97.2 76.0 114.0

97 48.4 36.9 55.3

132 19.8 17.4 26.2





#45

2-Fluorobiphenyl

Concen: 81.761 ng

RT: 13.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

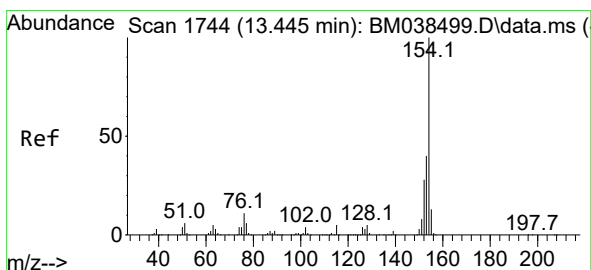
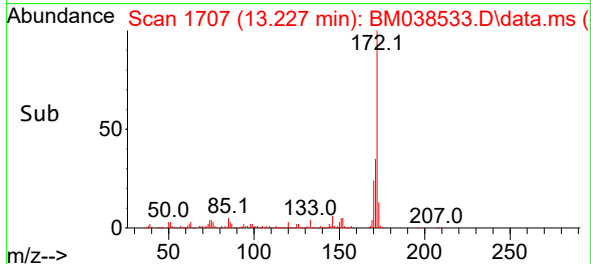
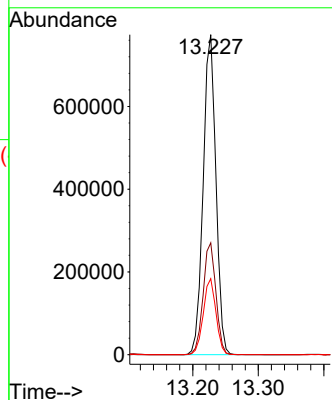
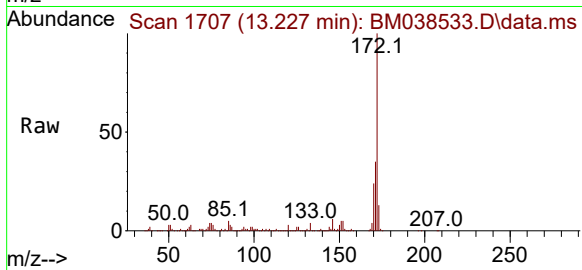
Tgt Ion:172 Resp: 1045482

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.7 19.5 29.3



#46

1,1'-Biphenyl

Concen: 39.403 ng

RT: 13.439 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

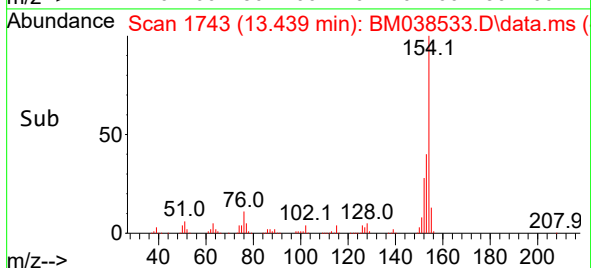
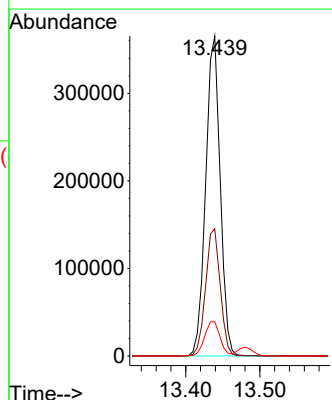
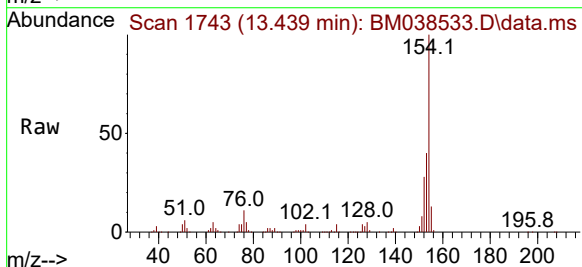
Tgt Ion:154 Resp: 497059

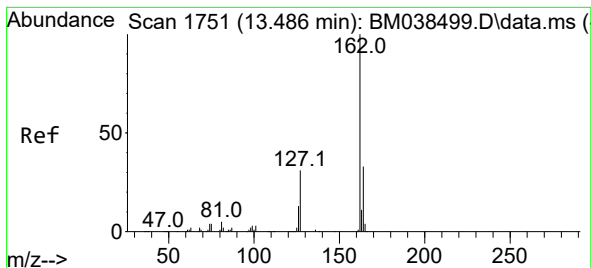
Ion Ratio Lower Upper

154 100

153 39.7 20.1 60.1

76 10.7 0.0 31.3





#47

2-Chloronaphthalene

Concen: 39.752 ng

RT: 13.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

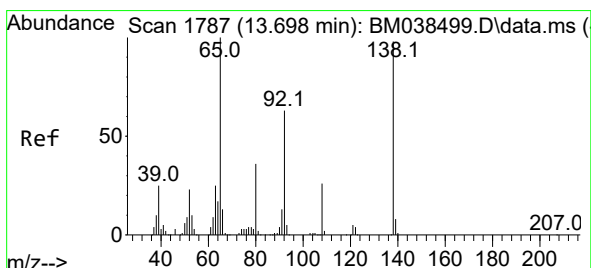
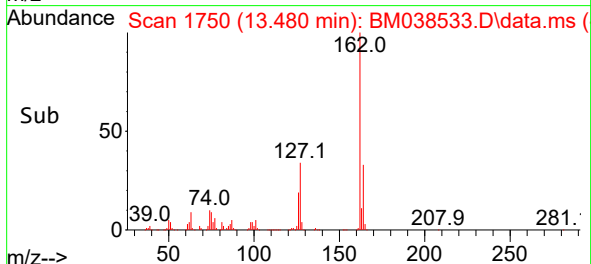
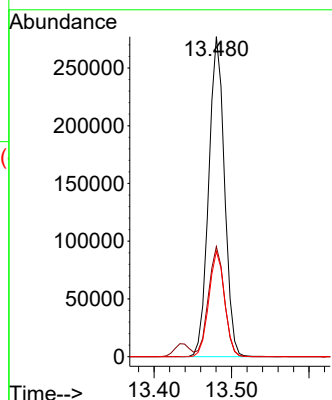
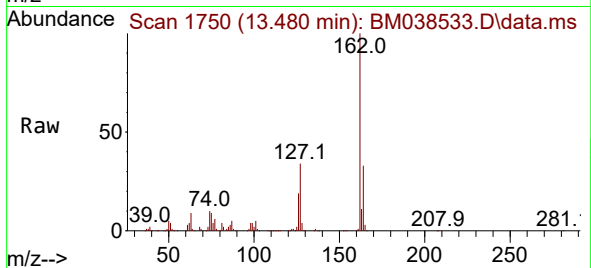
Tgt Ion:162 Resp: 391459

Ion Ratio Lower Upper

162 100

127 34.4 27.4 41.2

164 32.9 26.7 40.1



#48

2-Nitroaniline

Concen: 42.915 ng

RT: 13.692 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

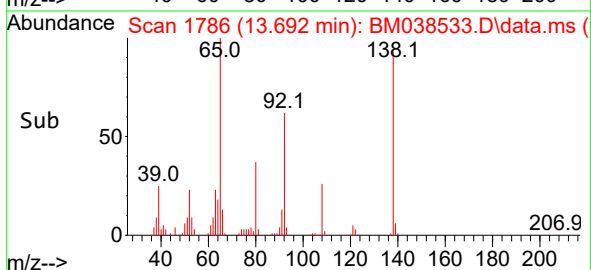
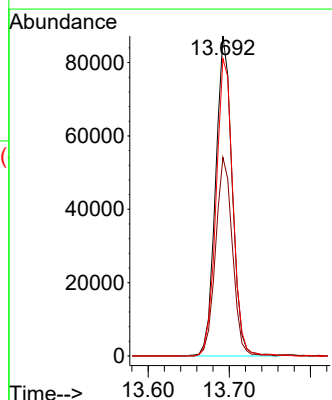
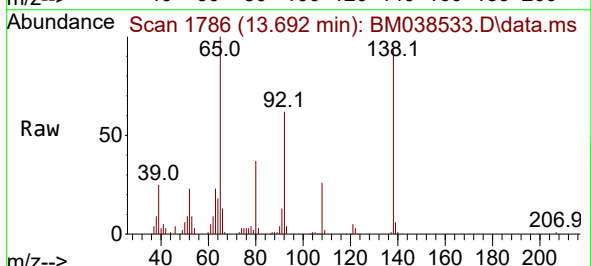
Tgt Ion: 65 Resp: 124107

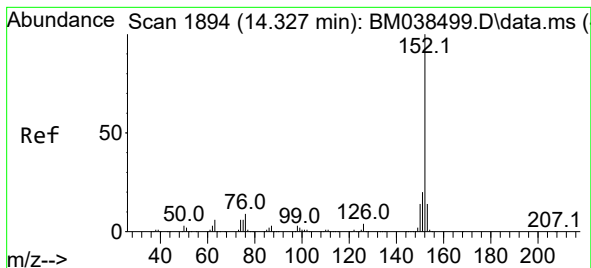
Ion Ratio Lower Upper

65 100

92 62.0 50.0 75.0

138 92.9 78.2 117.2





#49

Acenaphthylene

Concen: 40.909 ng

RT: 14.321 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

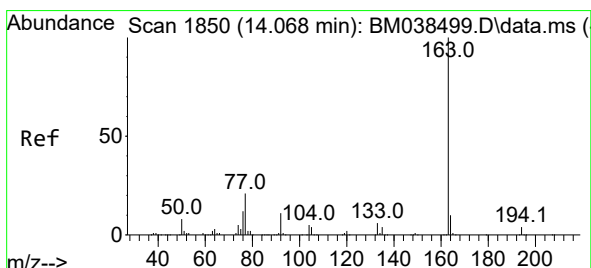
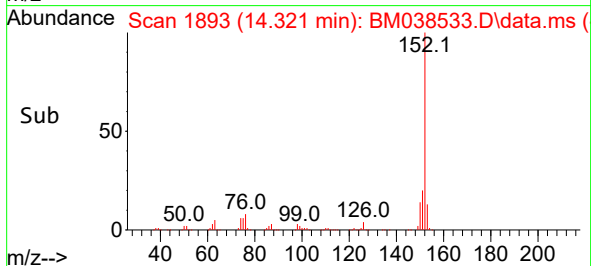
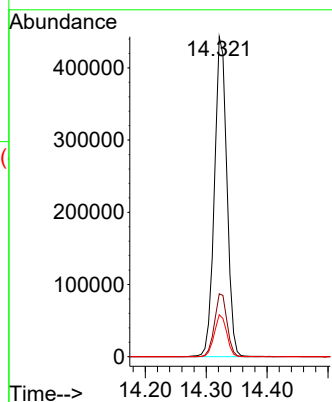
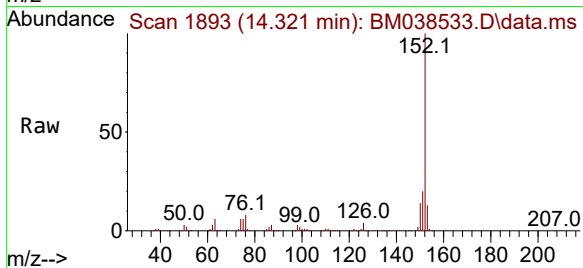
Tgt Ion:152 Resp: 630280

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 41.283 ng

RT: 14.063 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

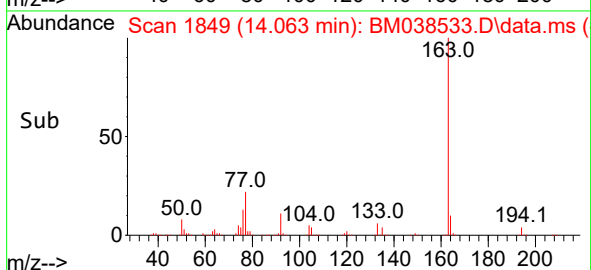
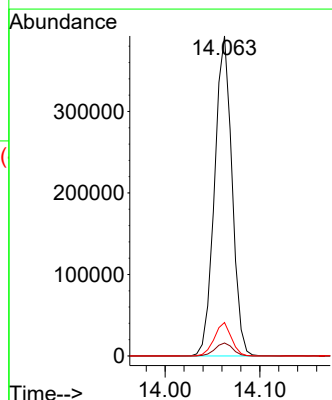
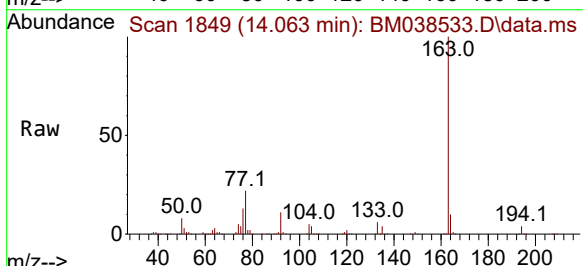
Tgt Ion:163 Resp: 500557

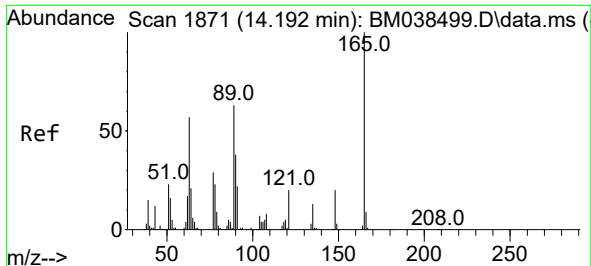
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.0 12.0

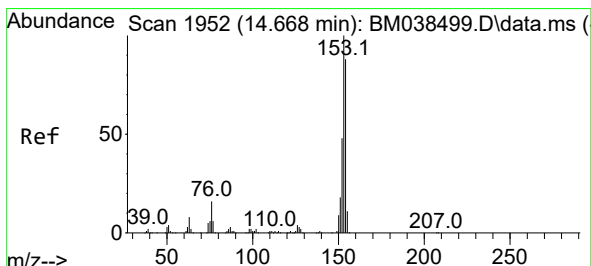
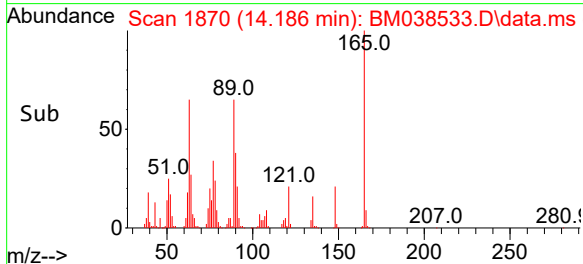
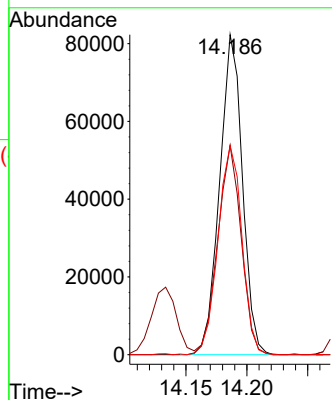
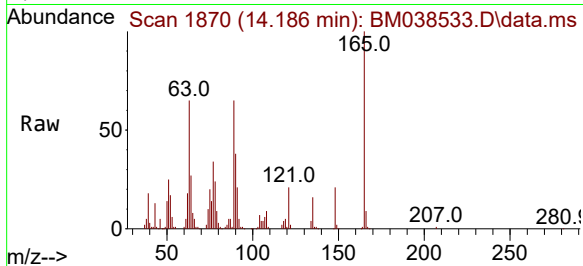




#51
2,6-Dinitrotoluene
Concen: 42.047 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

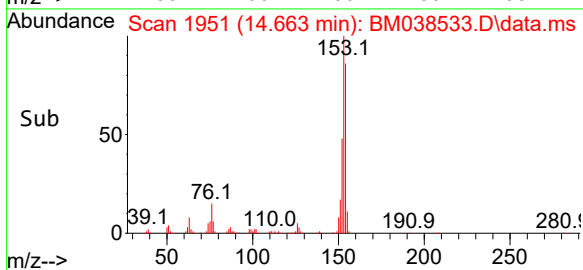
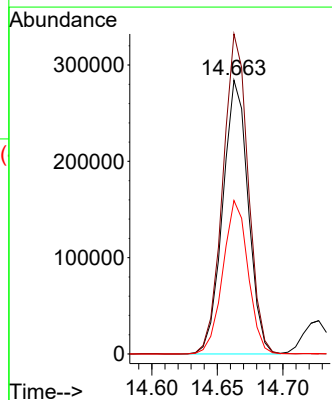
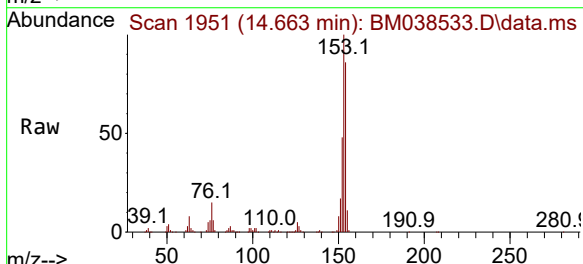
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

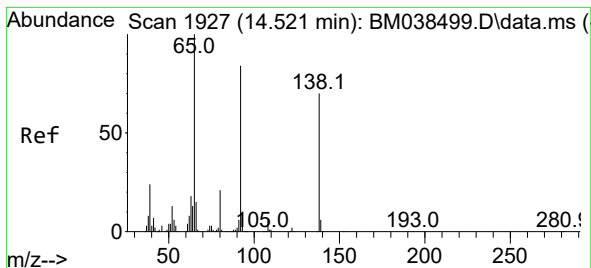
Tgt Ion:165 Resp: 107291
Ion Ratio Lower Upper
165 100
63 65.3 51.0 76.4
89 65.4 50.2 75.4



#52
Acenaphthene
Concen: 40.797 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:154 Resp: 383336
Ion Ratio Lower Upper
154 100
153 116.9 90.7 136.1
152 56.0 43.8 65.8

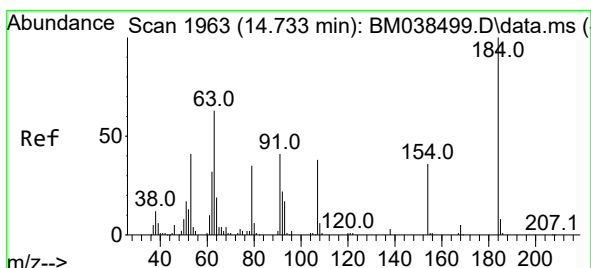
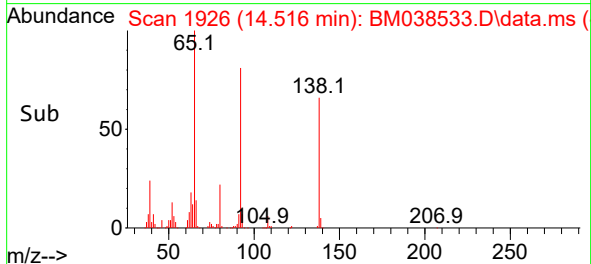
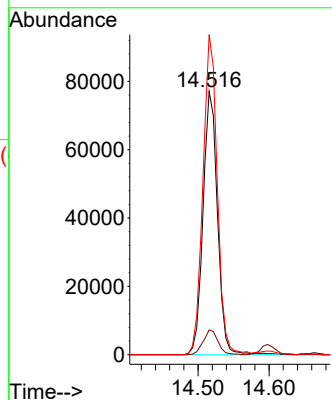
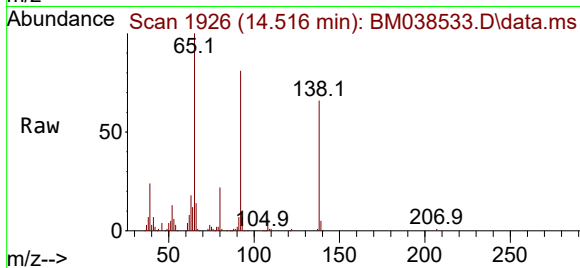




#53
3-Nitroaniline
Concen: 43.037 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

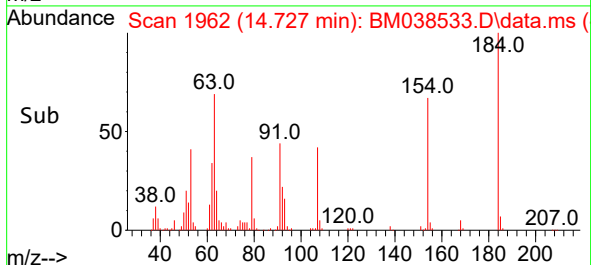
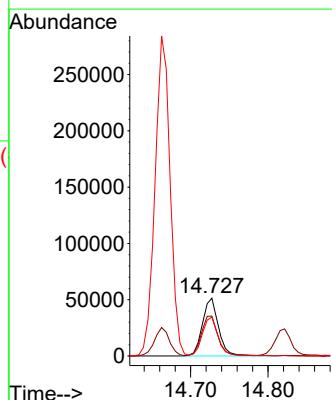
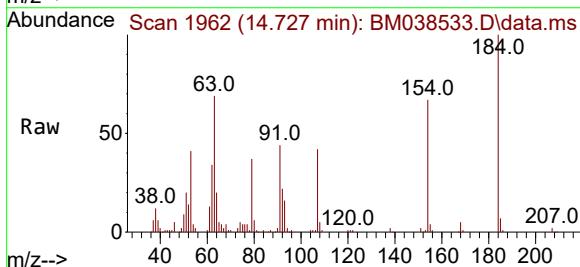
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

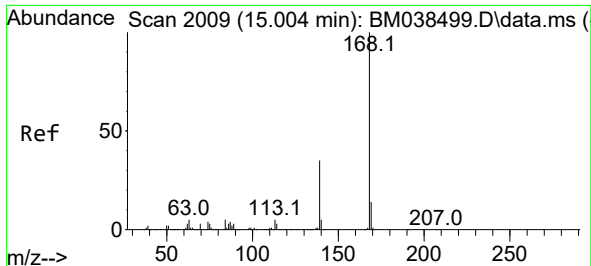
Tgt Ion:138 Resp: 109130
Ion Ratio Lower Upper
138 100
108 9.4 7.0 10.4
92 121.6 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 39.673 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:184 Resp: 74069
Ion Ratio Lower Upper
184 100
63 69.0 52.2 78.4
154 67.4 48.9 73.3

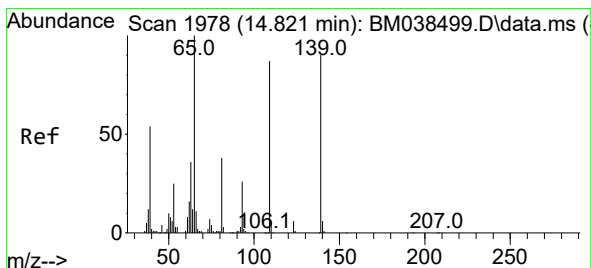
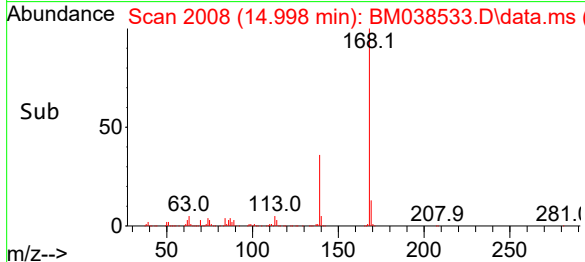
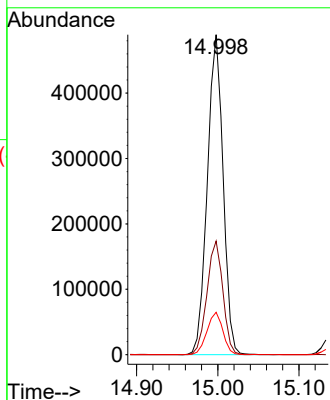
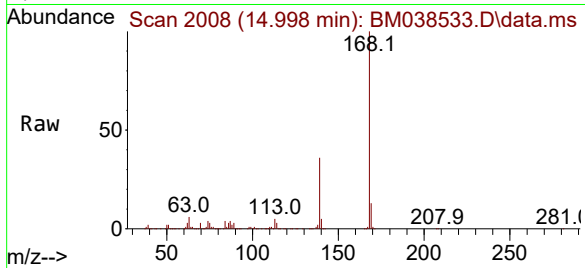




#55
Dibenzenofuran
Concen: 41.890 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

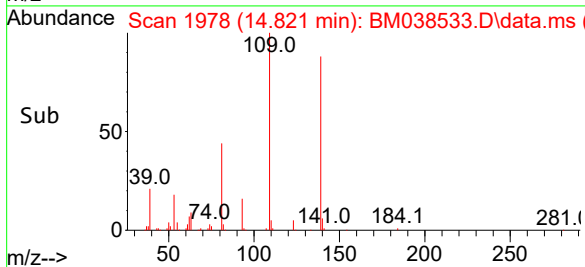
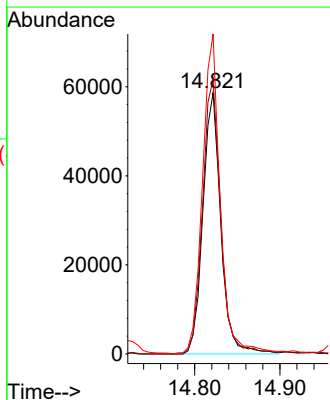
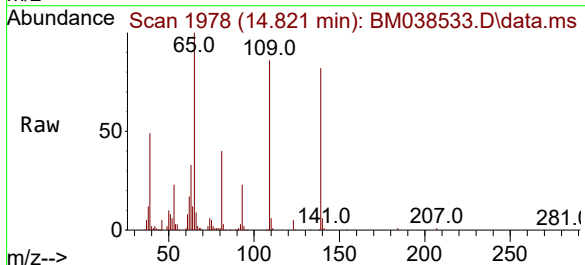
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

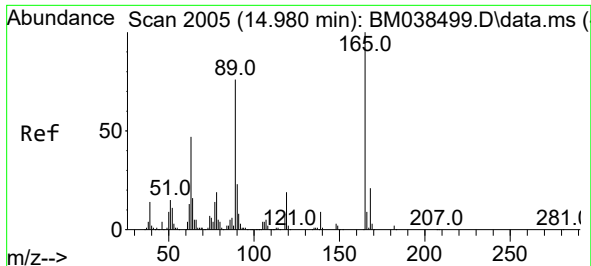
Tgt Ion:168 Resp: 658056
Ion Ratio Lower Upper
168 100
139 35.5 27.9 41.9
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 41.097 ng
RT: 14.821 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:139 Resp: 85820
Ion Ratio Lower Upper
139 100
109 105.2 76.8 116.8
65 122.6 91.7 131.7

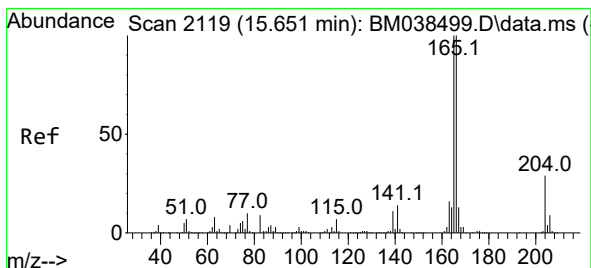
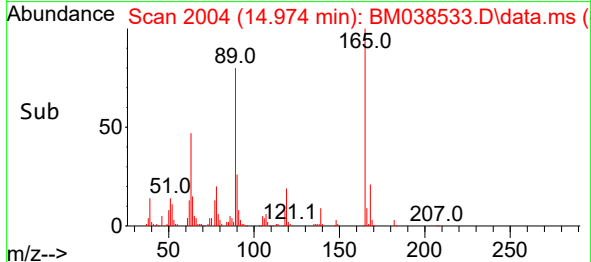
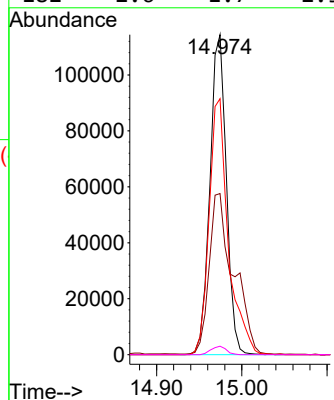
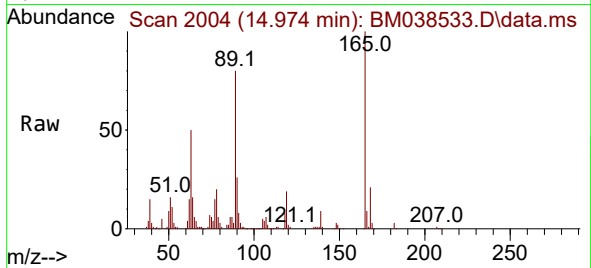




#57
2,4-Dinitrotoluene
Concen: 44.381 ng
RT: 14.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

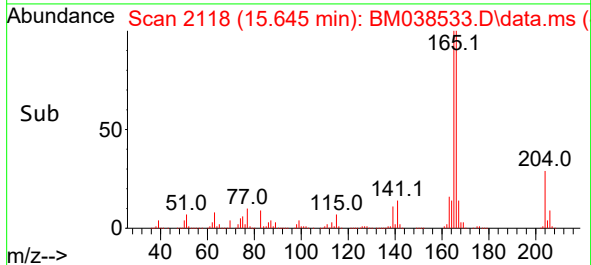
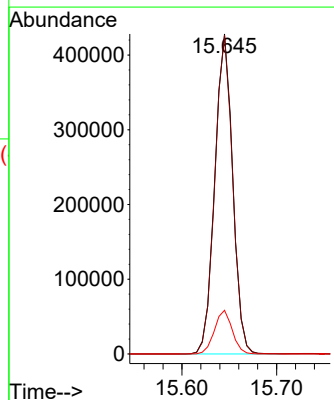
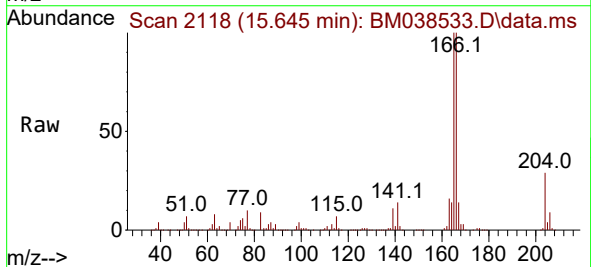
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

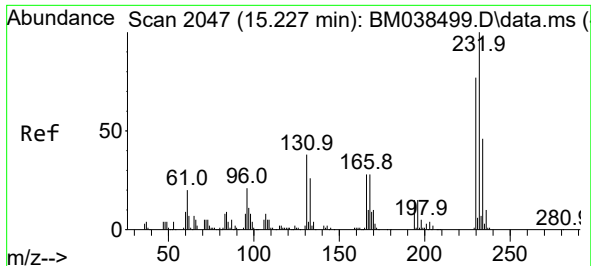
Tgt Ion:165 Resp: 153514
Ion Ratio Lower Upper
165 100
63 50.4 37.8 56.8
89 80.0 60.9 91.3
182 2.6 1.7 2.5#



#58
Fluorene
Concen: 44.168 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:166 Resp: 562648
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 13.6 10.5 15.7

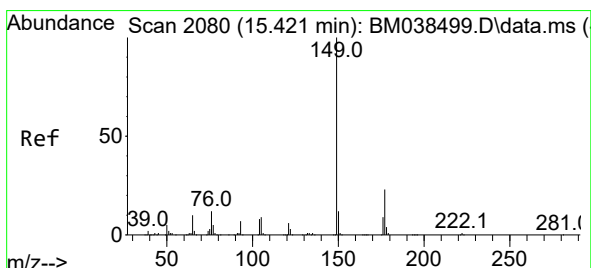
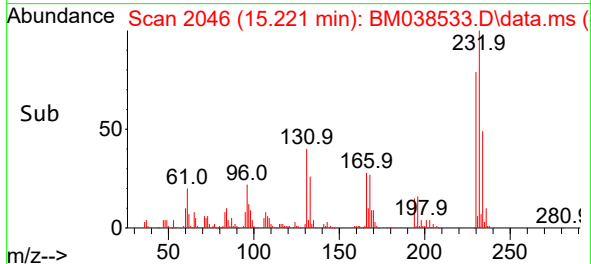
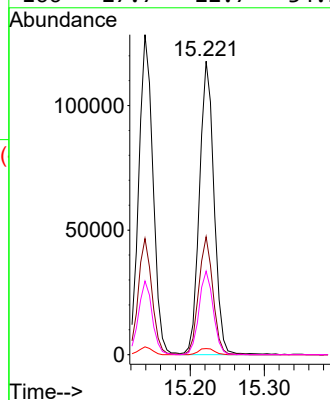
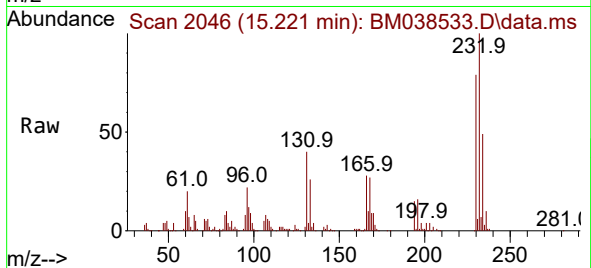




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.369 ng
RT: 15.221 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

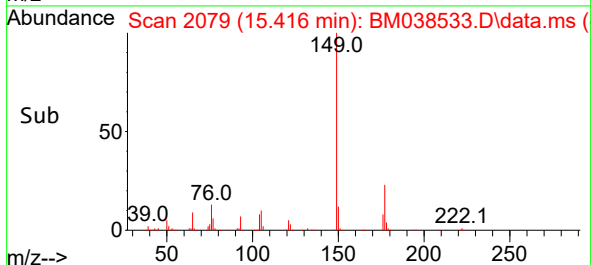
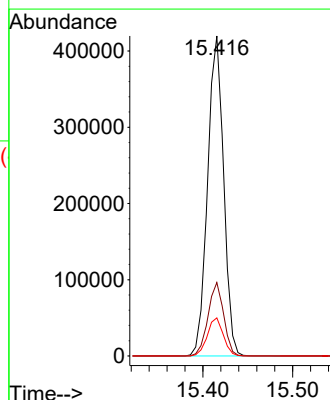
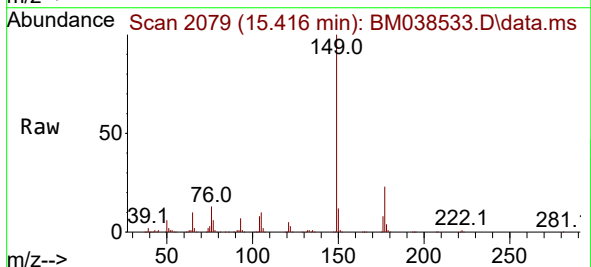
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

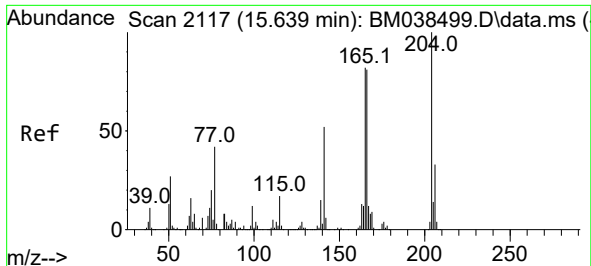
Tgt Ion:232 Resp: 161113
Ion Ratio Lower Upper
232 100
131 39.1 31.0 46.4
130 2.3 1.8 2.6
166 27.7 22.7 34.1



#60
Diethylphthalate
Concen: 43.831 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:149 Resp: 520448
Ion Ratio Lower Upper
149 100
177 23.0 18.6 27.8
150 11.9 9.5 14.3

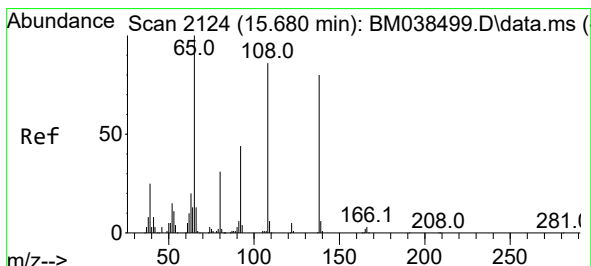
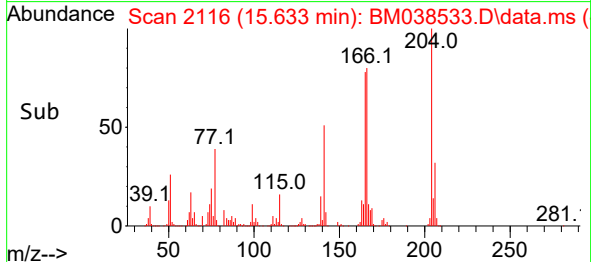
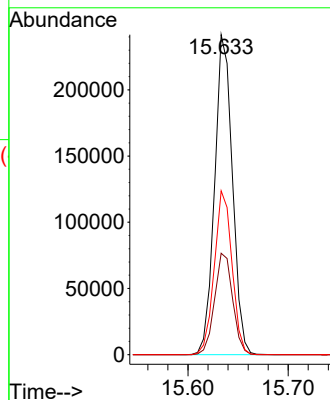
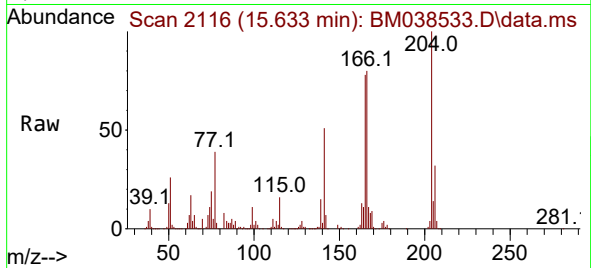




#61
4-Chlorophenyl-phenylether
Concen: 44.552 ng
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

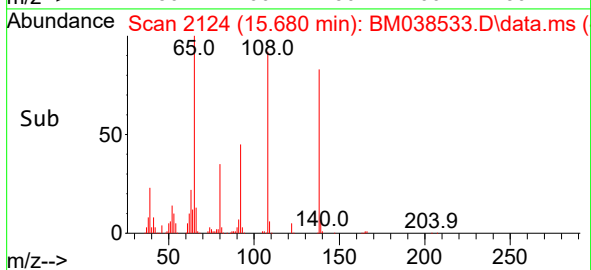
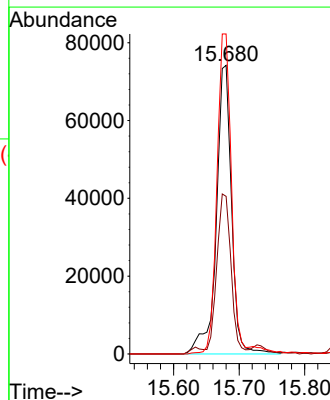
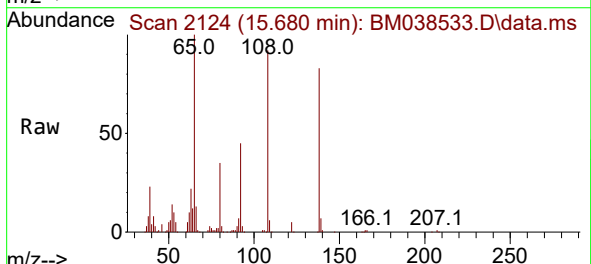
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

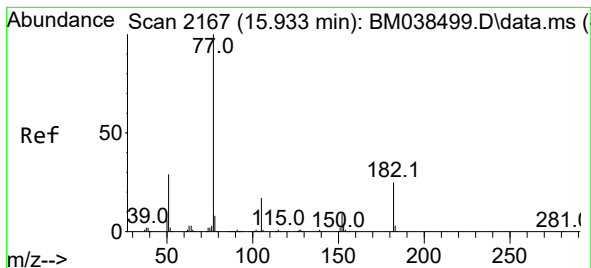
Tgt Ion:204 Resp: 297966
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.4
141 51.2 41.5 62.3



#62
4-Nitroaniline
Concen: 41.315 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:138 Resp: 119378
Ion Ratio Lower Upper
138 100
92 54.6 35.2 75.2
108 110.9 87.3 127.3





#63

Azobenzene

Concen: 44.070 ng

RT: 15.927 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 554424

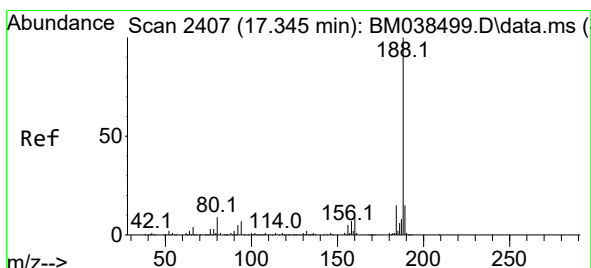
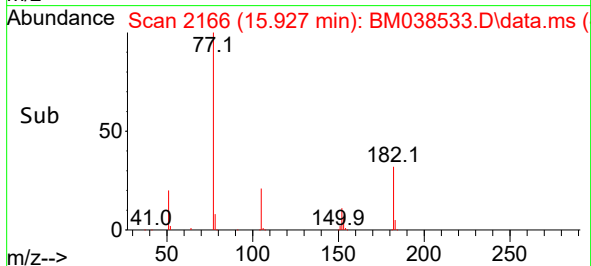
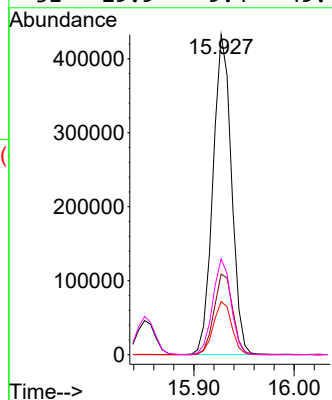
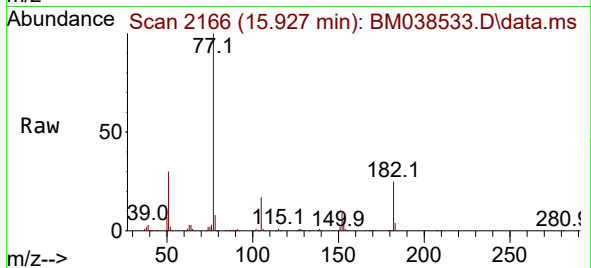
Ion Ratio Lower Upper

77 100

182 25.2 4.7 44.7

105 16.6 0.0 36.7

51 29.9 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

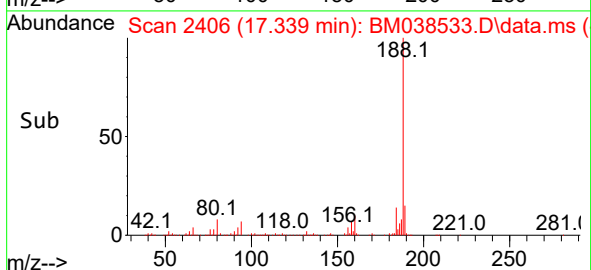
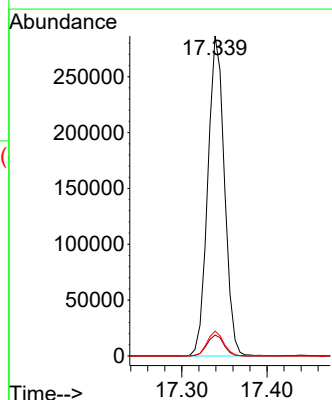
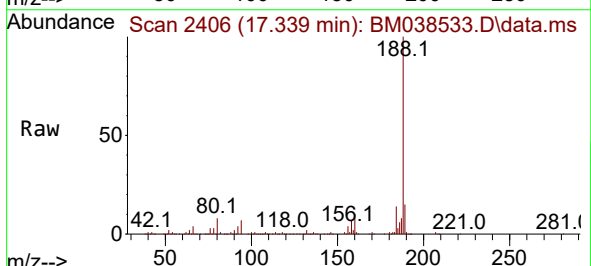
Tgt Ion:188 Resp: 389425

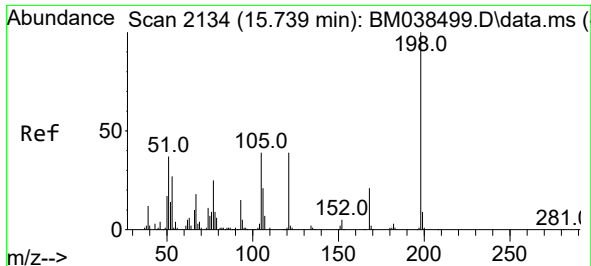
Ion Ratio Lower Upper

188 100

94 6.5 6.0 9.0

80 7.7 6.9 10.3

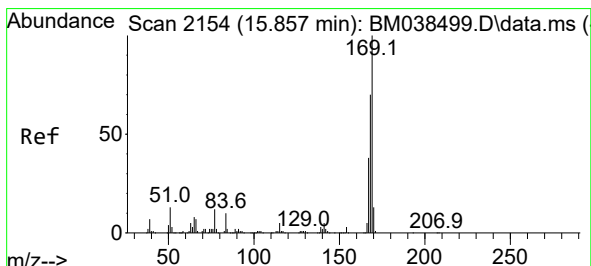
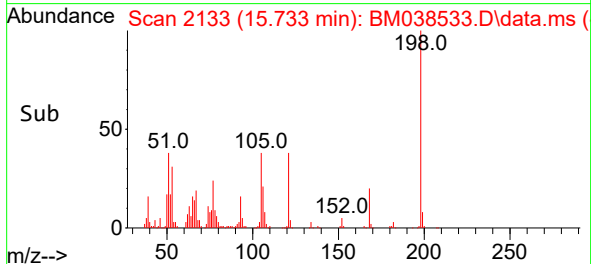
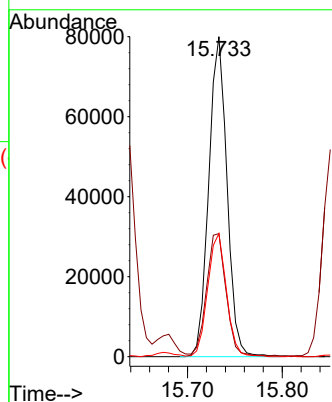
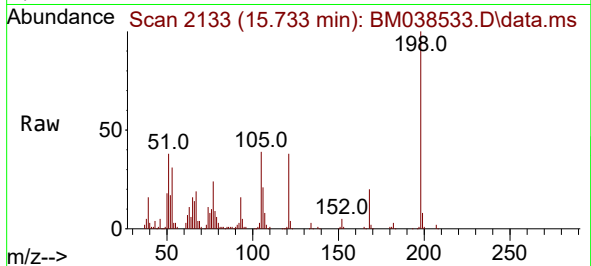




#65
4,6-Dinitro-2-methylphenol
Concen: 42.240 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

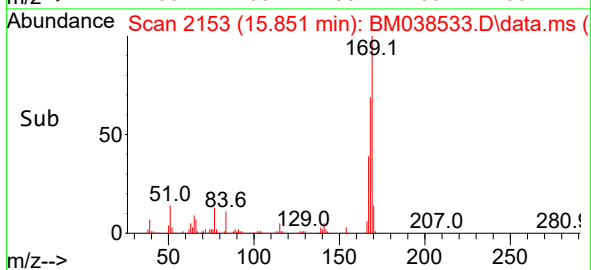
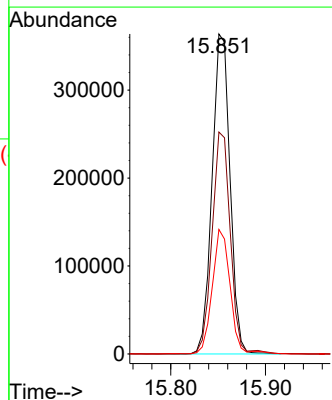
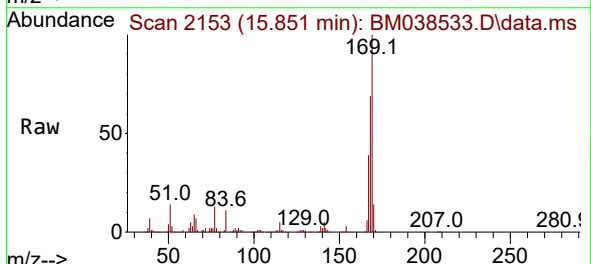
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

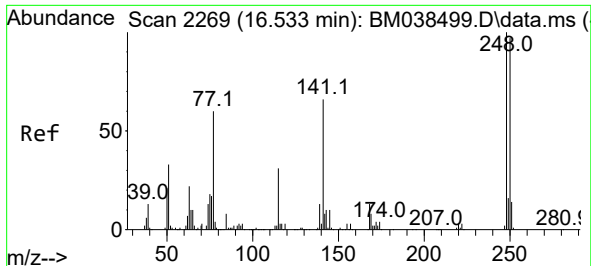
Tgt Ion:198 Resp: 106774
Ion Ratio Lower Upper
198 100
51 38.5 18.8 58.8
105 38.5 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 40.847 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:169 Resp: 477529
Ion Ratio Lower Upper
169 100
168 69.4 55.8 83.8
167 38.9 30.3 45.5

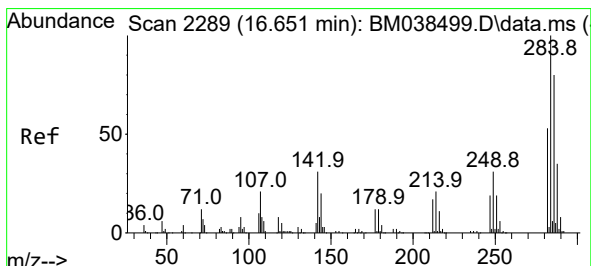
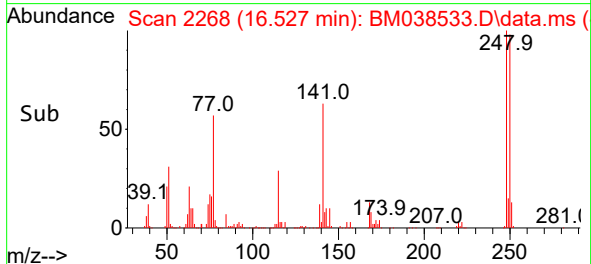
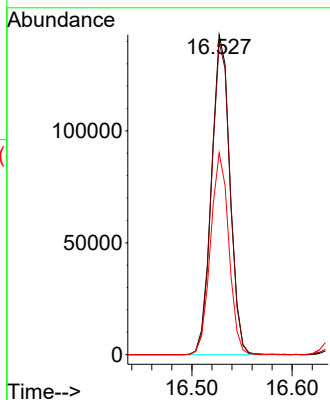
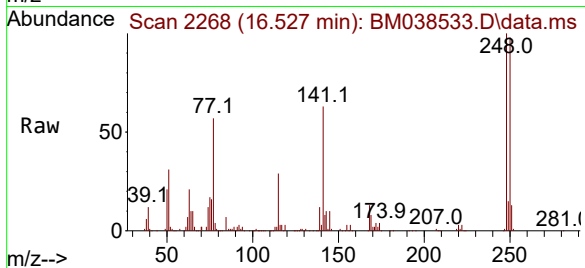




#67
4-Bromophenyl-phenylether
Concen: 42.148 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

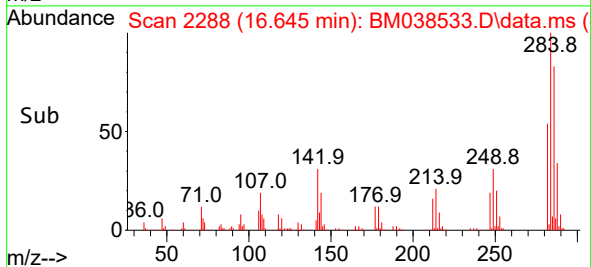
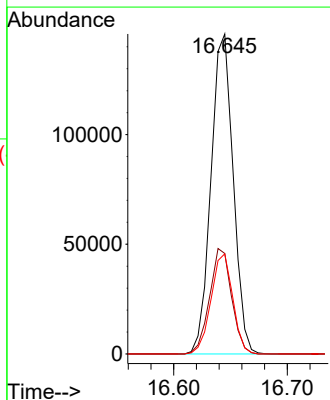
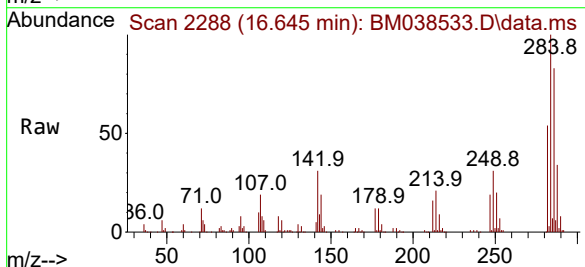
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

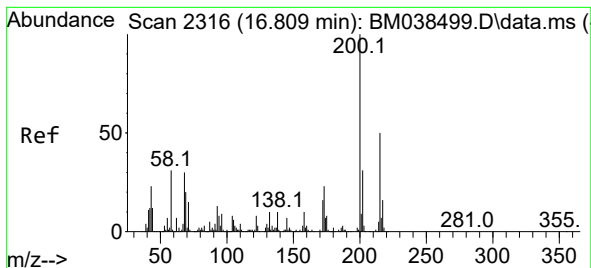
Tgt Ion:248 Resp: 182060
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 63.1 52.5 78.7



#68
Hexachlorobenzene
Concen: 42.506 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:284 Resp: 198128
Ion Ratio Lower Upper
284 100
142 31.4 25.2 37.8
249 31.3 24.4 36.6





#69

Atrazine

Concen: 42.242 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

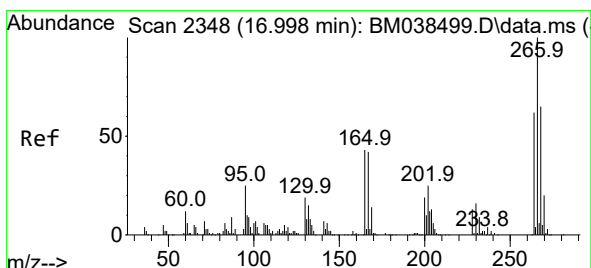
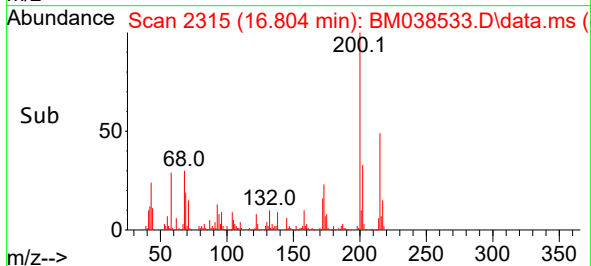
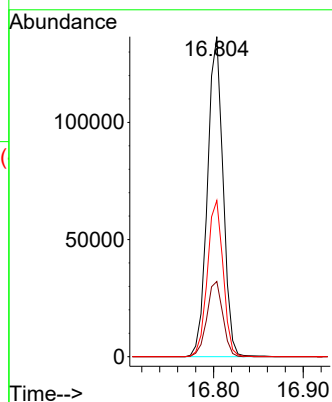
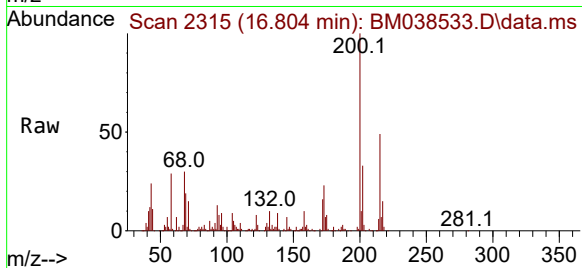
Tgt Ion:200 Resp: 164758

Ion Ratio Lower Upper

200 100

173 23.5 3.5 43.5

215 48.8 30.0 70.0



#70

Pentachlorophenol

Concen: 44.370 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

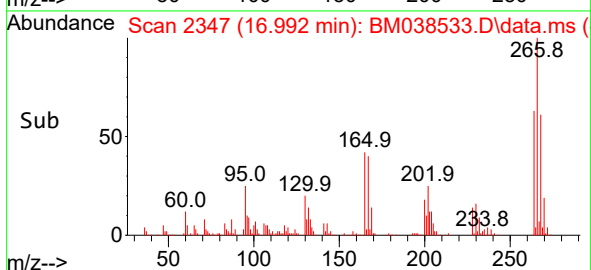
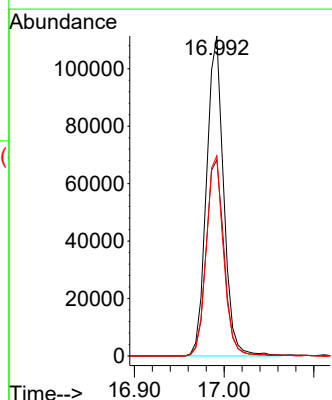
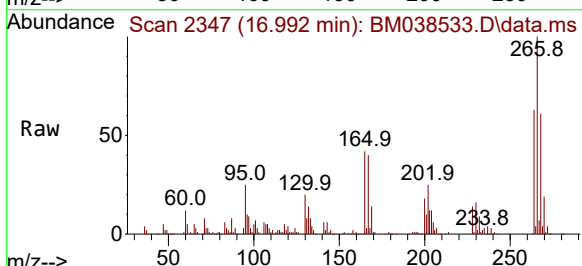
Tgt Ion:266 Resp: 147257

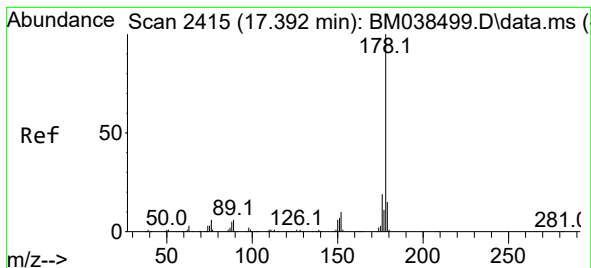
Ion Ratio Lower Upper

266 100

268 61.3 51.7 77.5

264 62.5 49.4 74.0





#71

Phenanthrene

Concen: 42.211 ng

RT: 17.386 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

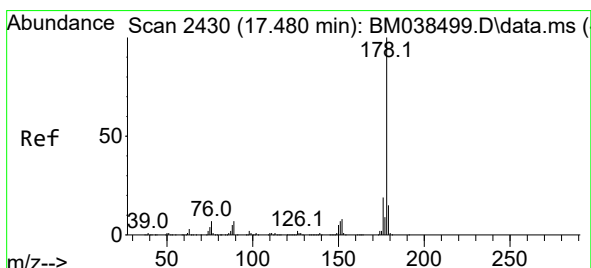
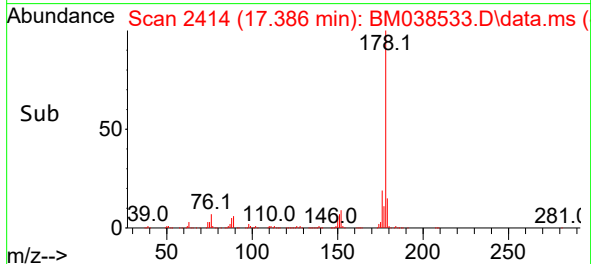
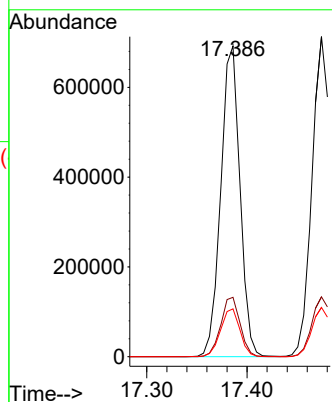
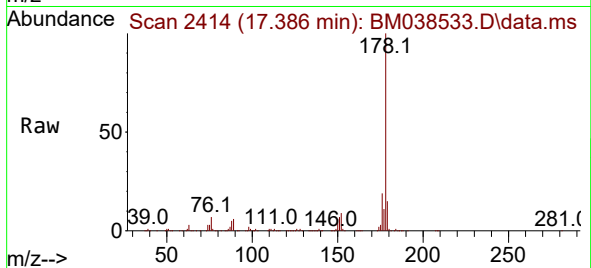
Tgt Ion:178 Resp: 917978

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 42.921 ng

RT: 17.474 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

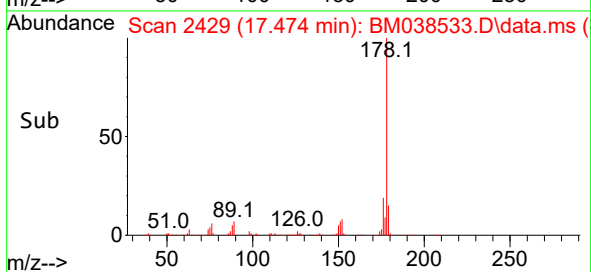
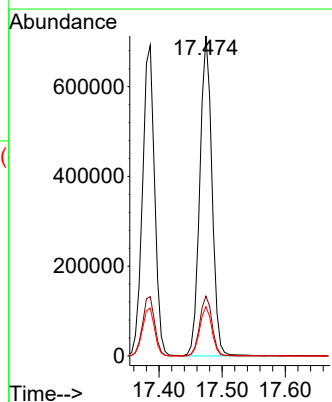
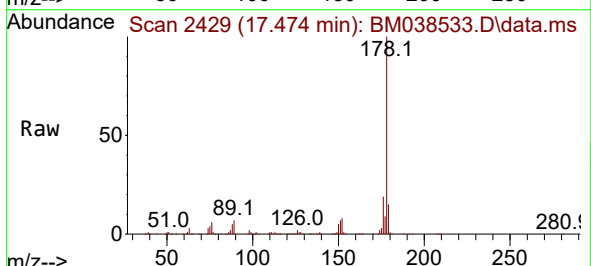
Tgt Ion:178 Resp: 949793

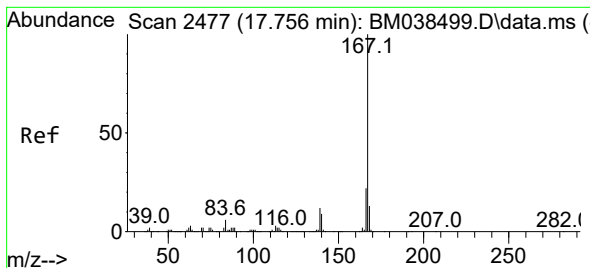
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.4 12.2 18.4





#73

Carbazole

Concen: 43.274 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

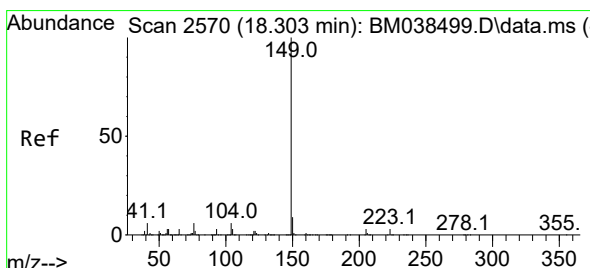
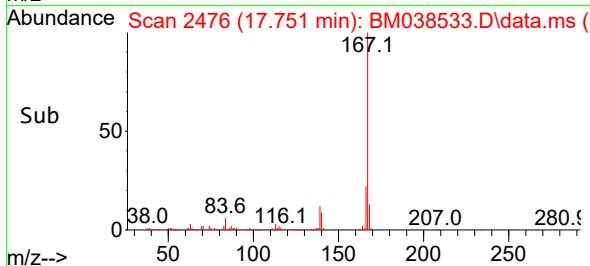
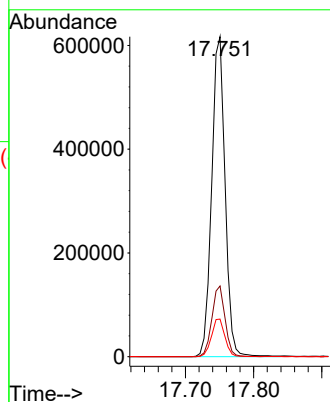
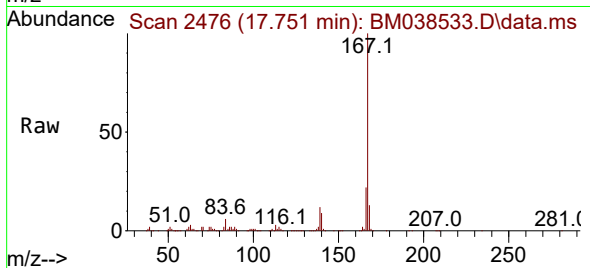
Tgt Ion:167 Resp: 843314

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 11.8 9.4 14.0



#74

Di-n-butylphthalate

Concen: 44.387 ng

RT: 18.298 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

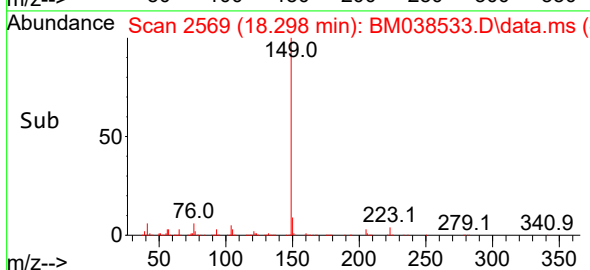
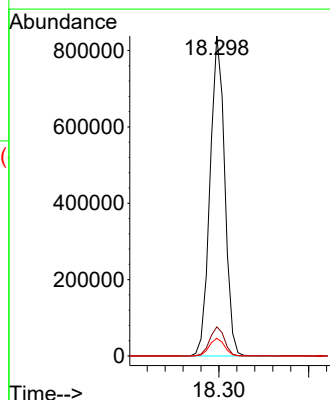
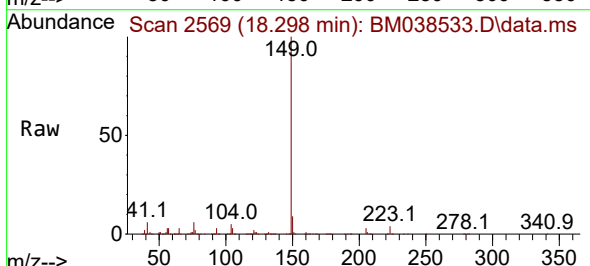
Tgt Ion:149 Resp: 950325

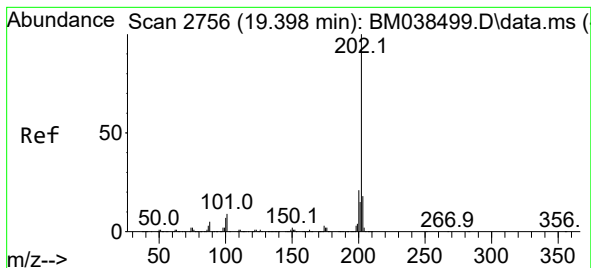
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.5 4.6 6.8





#75

Fluoranthene

Concen: 44.741 ng

RT: 19.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

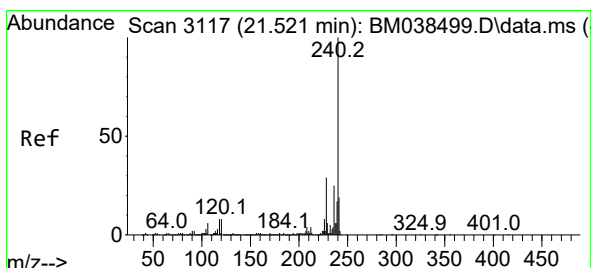
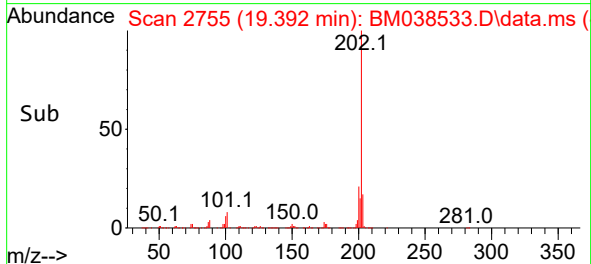
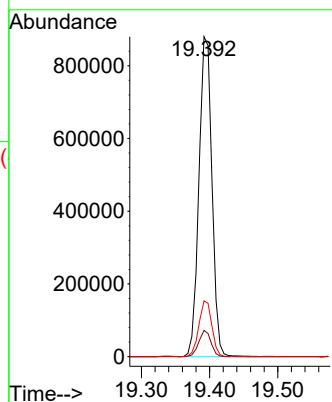
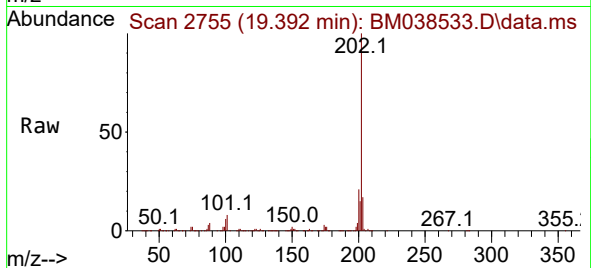
Tgt Ion:202 Resp: 1169390

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.7

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

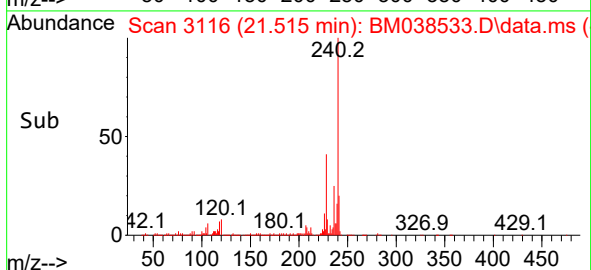
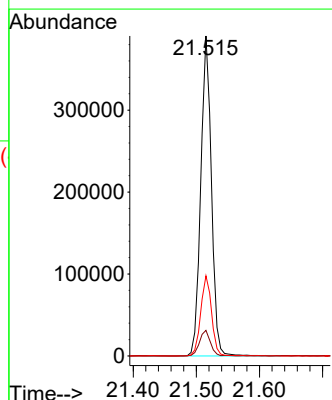
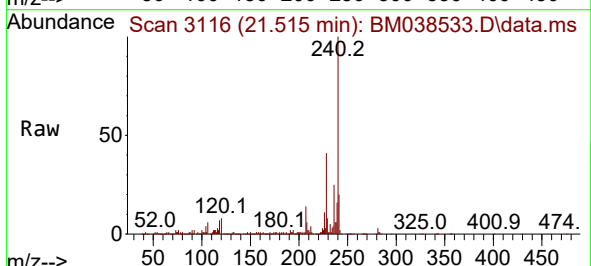
Tgt Ion:240 Resp: 457084

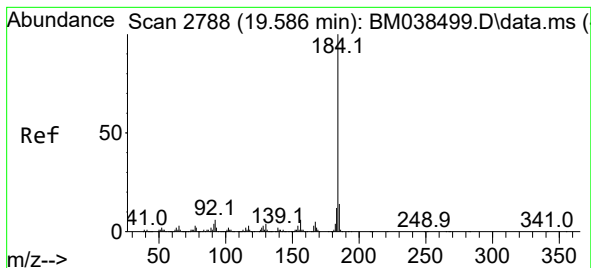
Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.2

236 25.0 20.2 30.2





#77

Benzidine

Concen: 42.092 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

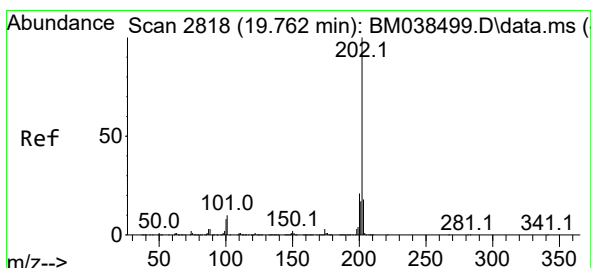
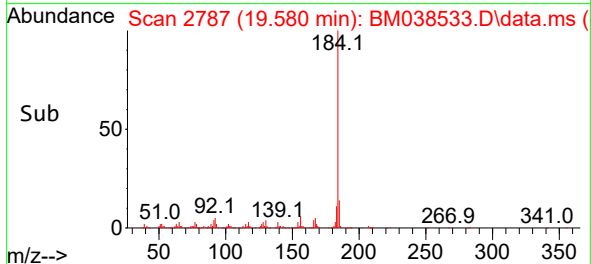
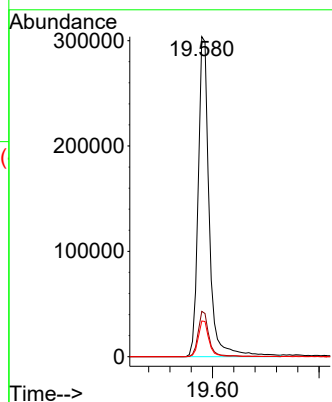
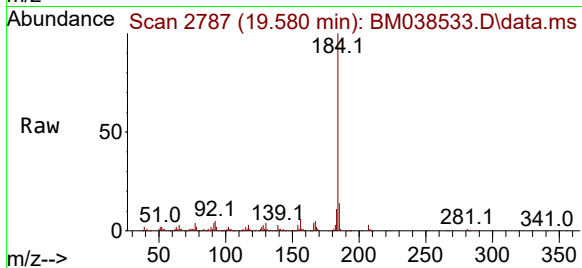
Tgt Ion:184 Resp: 438432

Ion Ratio Lower Upper

184 100

185 14.1 10.9 16.3

183 11.1 9.3 13.9



#78

Pyrene

Concen: 39.772 ng

RT: 19.756 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

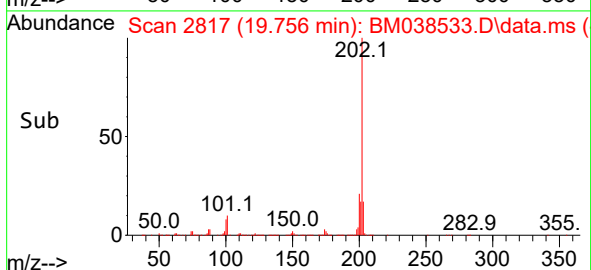
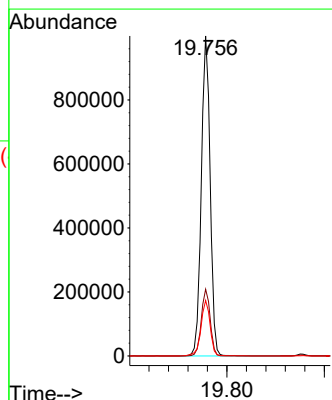
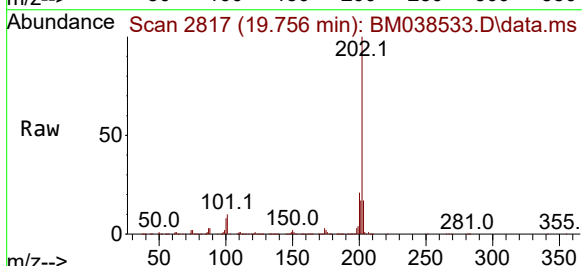
Tgt Ion:202 Resp: 1265829

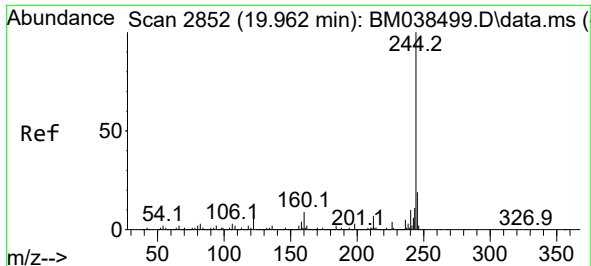
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.4 14.2 21.2

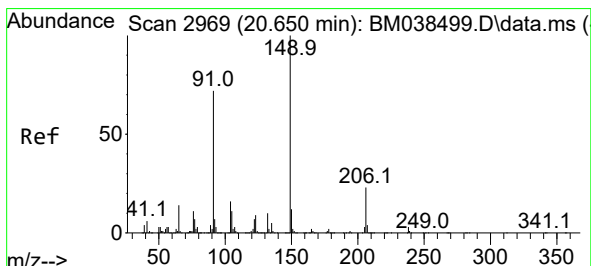
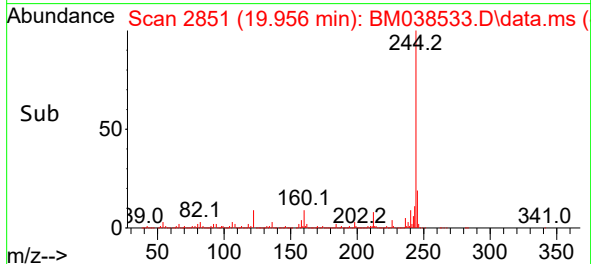
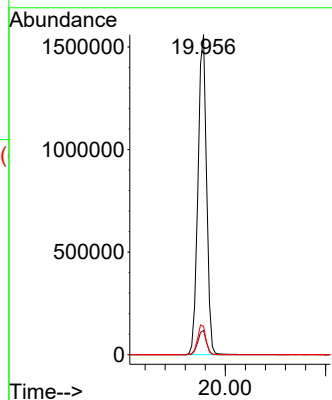
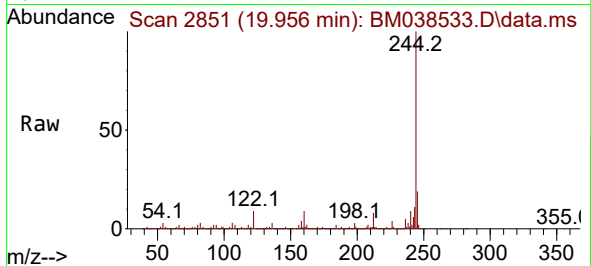




#79
 Terphenyl-d14
 Concen: 78.735 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59

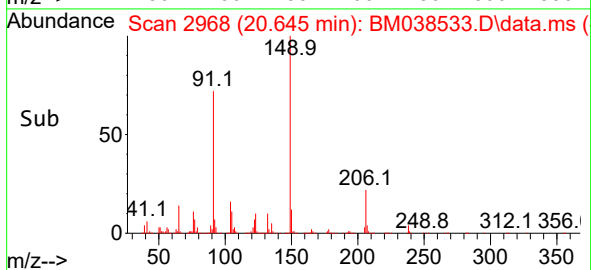
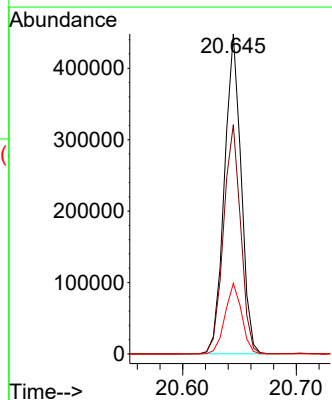
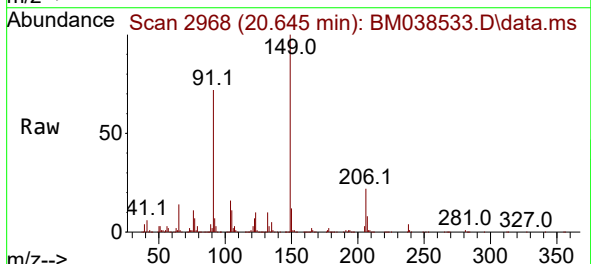
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

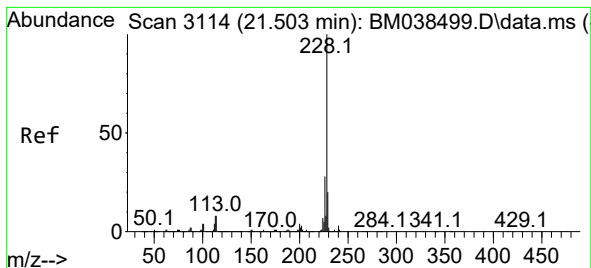
Tgt Ion:244 Resp: 1846017
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.9 6.7 10.1



#80
 Butylbenzylphthalate
 Concen: 41.521 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59

Tgt Ion:149 Resp: 456971
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.5 86.3
 206 22.0 18.2 27.2





#81

Benzo(a)anthracene

Concen: 41.223 ng

RT: 21.497 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

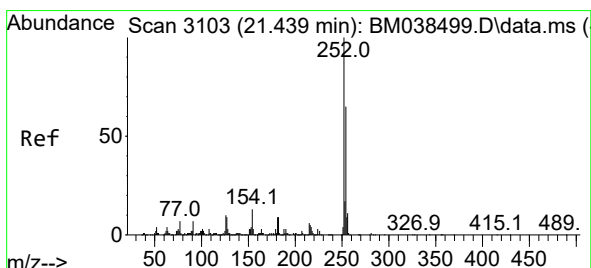
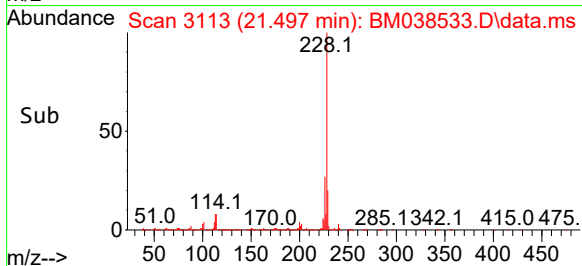
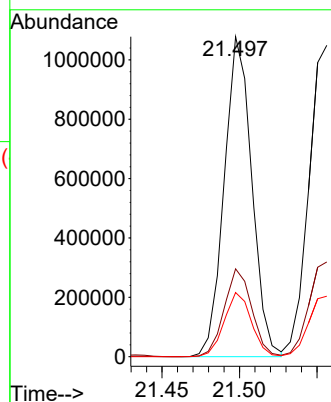
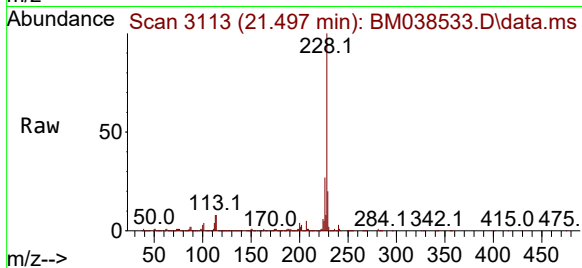
Tgt Ion:228 Resp: 1335132

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 43.228 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

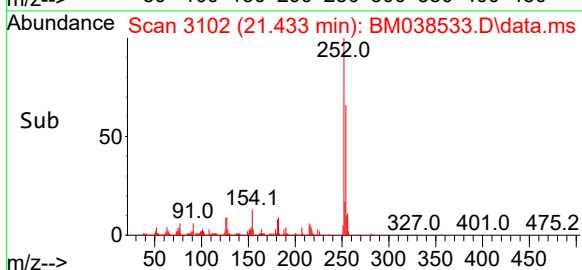
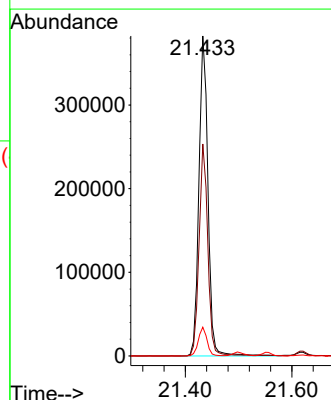
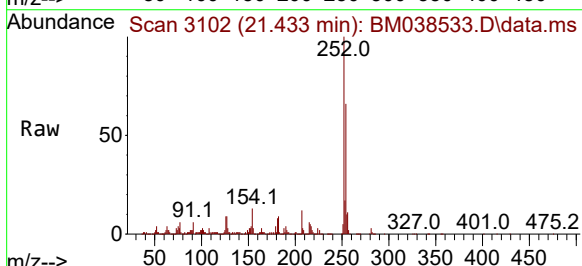
Tgt Ion:252 Resp: 449721

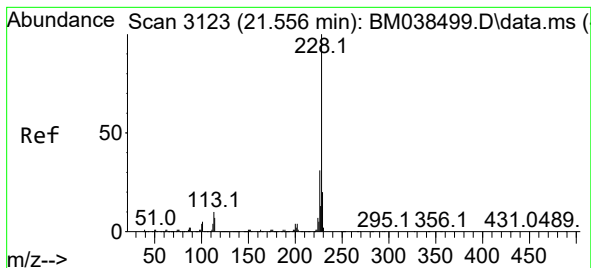
Ion Ratio Lower Upper

252 100

254 66.2 51.9 77.9

126 9.0 7.7 11.5





#83

Chrysene

Concen: 41.444 ng

RT: 21.556 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

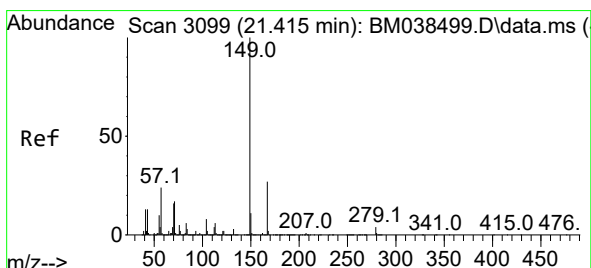
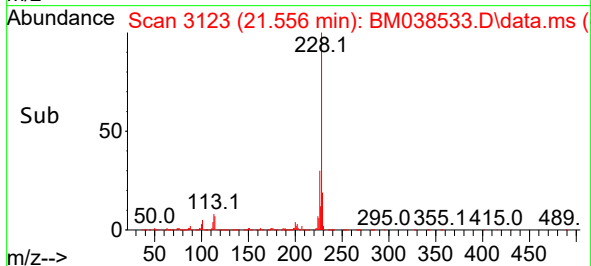
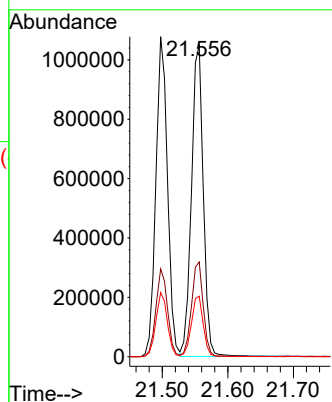
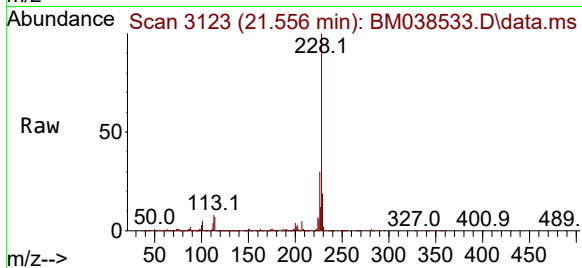
Tgt Ion:228 Resp: 1312700

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.293 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

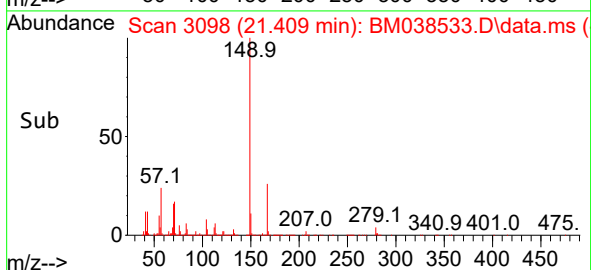
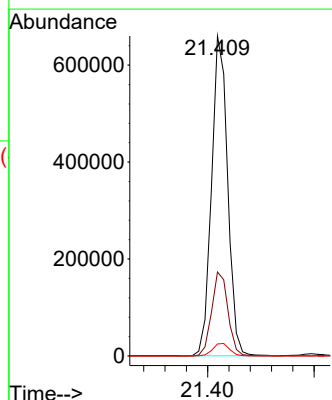
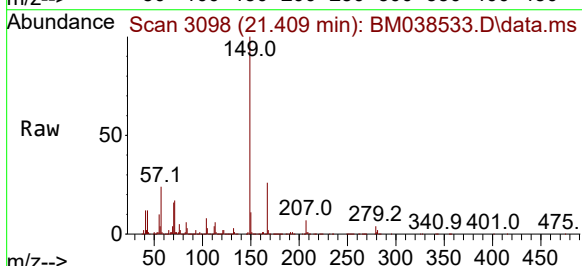
Tgt Ion:149 Resp: 690513

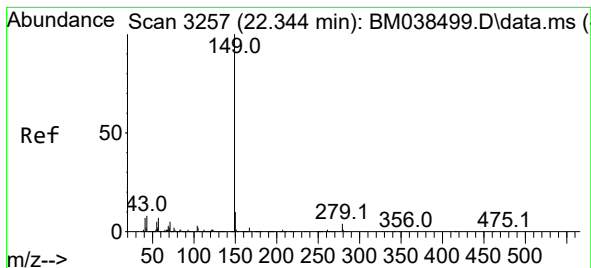
Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.575 ng

RT: 22.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

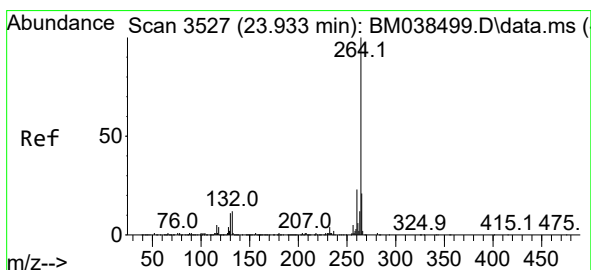
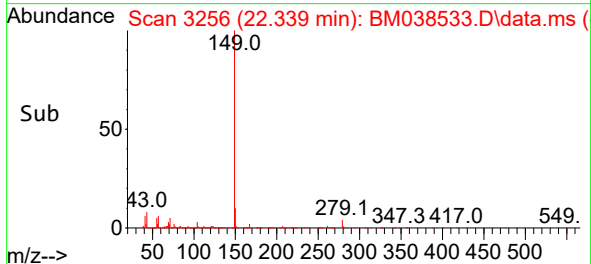
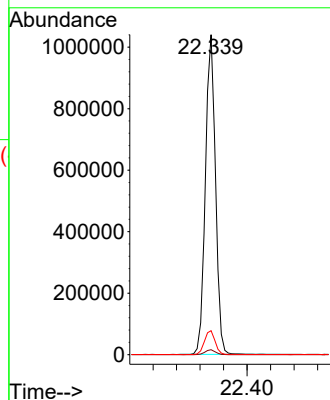
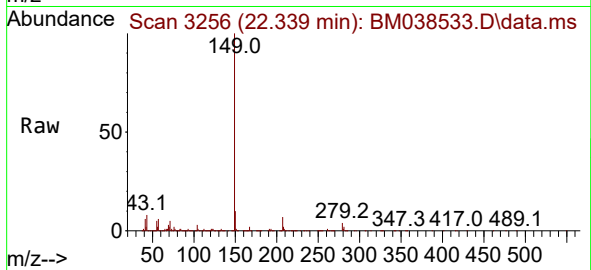
Tgt Ion:149 Resp: 1235844

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

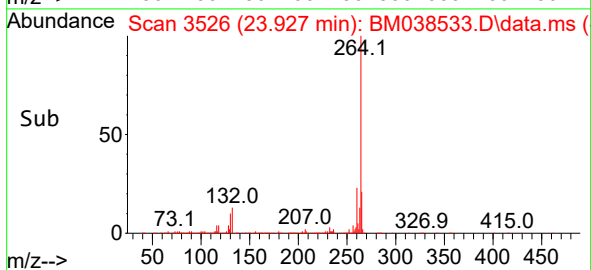
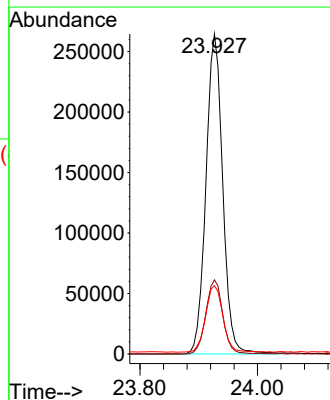
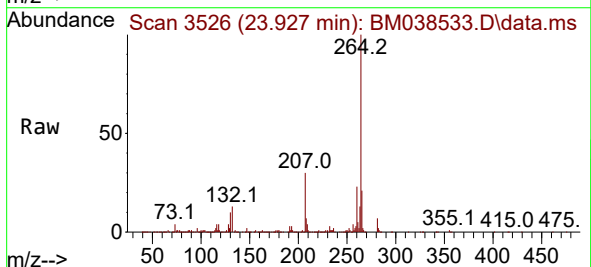
Tgt Ion:264 Resp: 524254

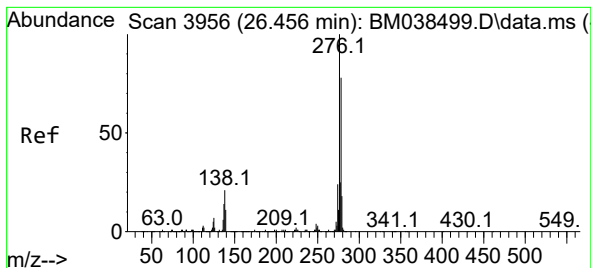
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.968 ng

RT: 26.444 min Scan# 3954

Delta R.T. -0.012 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

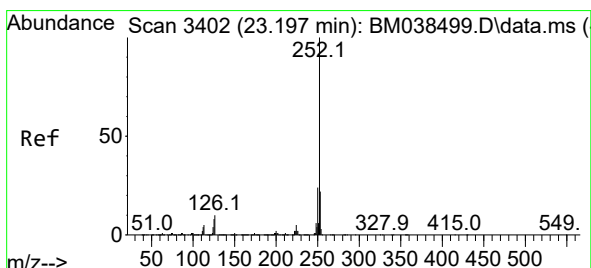
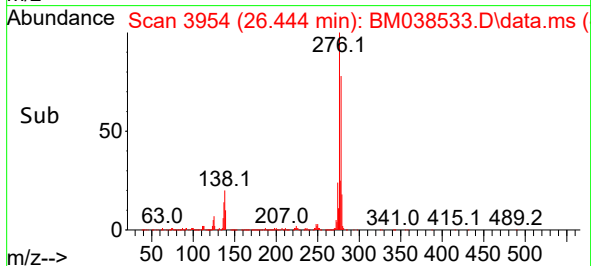
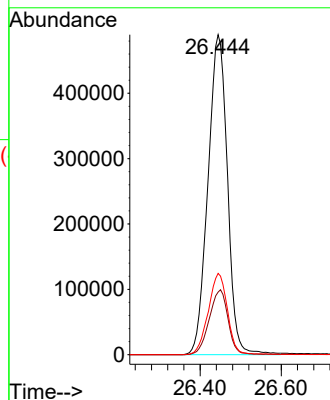
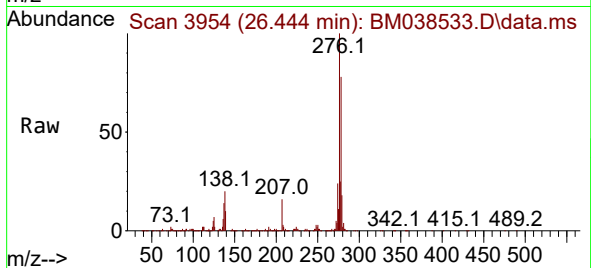
Tgt Ion:276 Resp: 1628092

Ion Ratio Lower Upper

276 100

138 19.6 15.8 23.8

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 42.620 ng

RT: 23.191 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

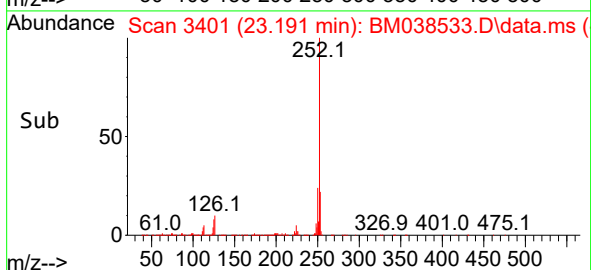
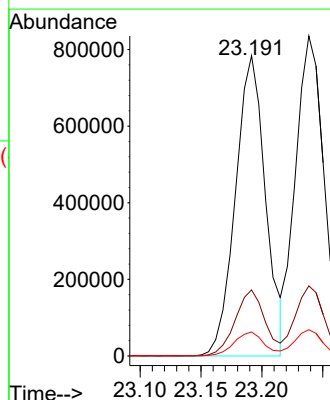
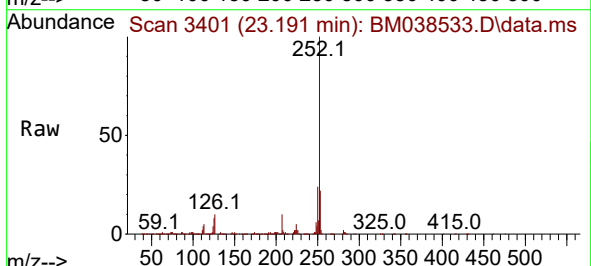
Tgt Ion:252 Resp: 1347863

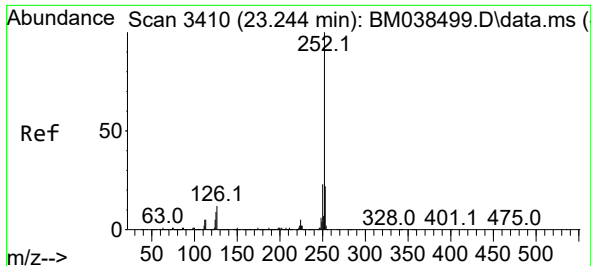
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.0 6.4 9.6

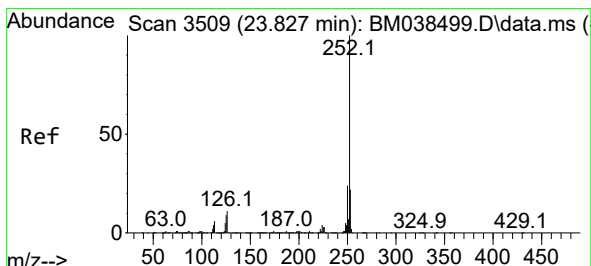
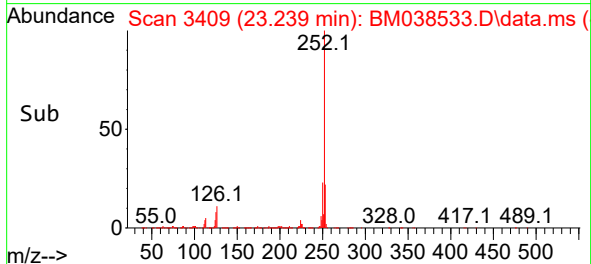
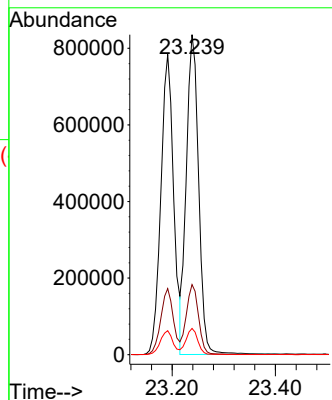
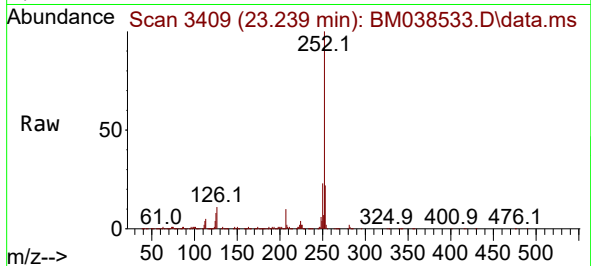




#89
Benzo(k)fluoranthene
Concen: 42.228 ng
RT: 23.239 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

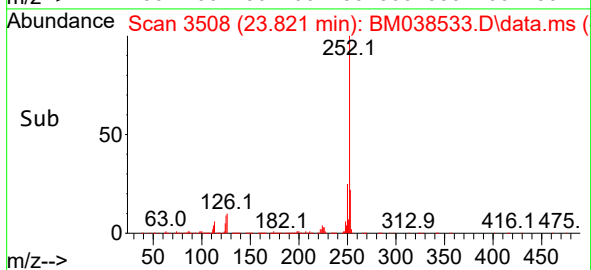
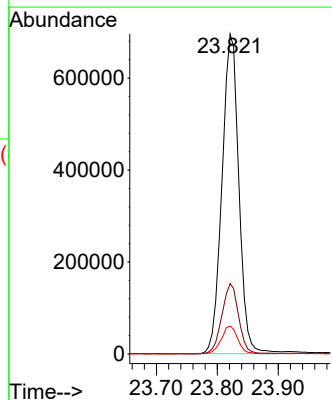
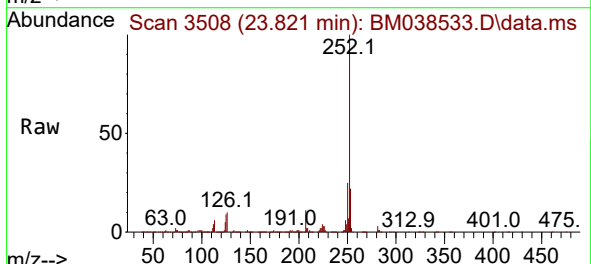
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

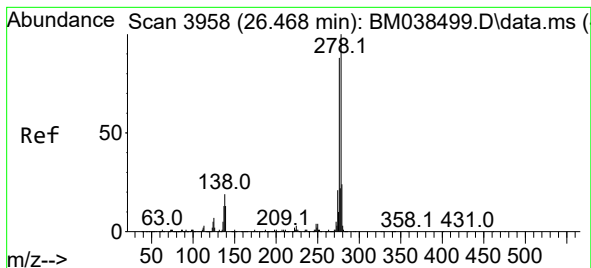
Tgt Ion:252 Resp: 1381856
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.2 6.8 10.2



#90
Benzo(a)pyrene
Concen: 42.605 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:252 Resp: 1335837
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.7 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 42.165 ng

RT: 26.456 min Scan# 3956

Delta R.T. -0.012 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

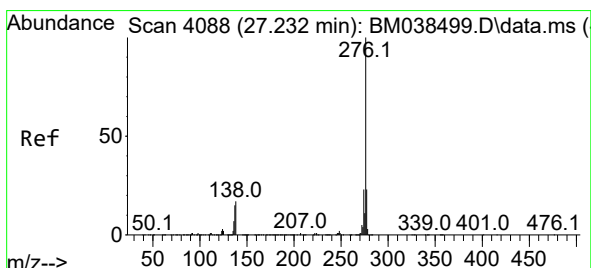
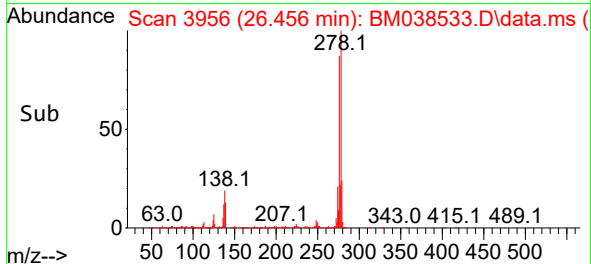
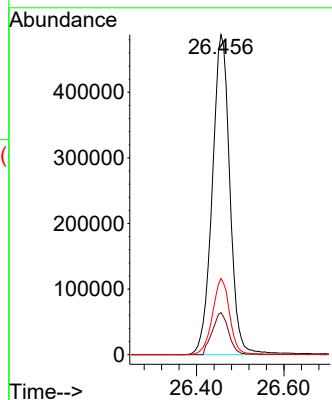
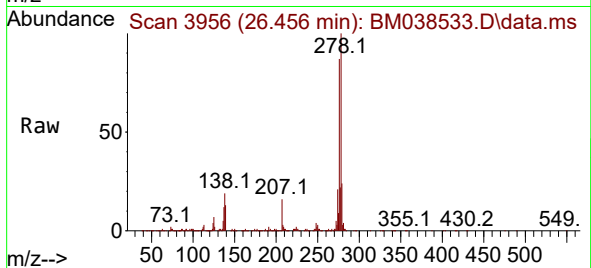
Tgt Ion:278 Resp: 1361531

Ion Ratio Lower Upper

278 100

139 13.1 10.3 15.5

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 41.574 ng

RT: 27.221 min Scan# 4086

Delta R.T. -0.012 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Tgt Ion:276 Resp: 1375125

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 16.9 13.8 20.8

