

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012423\
 Data File : BM038520.D
 Acq On : 24 Jan 2023 10:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 25 03:13:00 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	54896	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	204477	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	146208	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	360451	20.000	ng	0.00
76) Chrysene-d12	21.515	240	422107	20.000	ng	0.00
86) Perylene-d12	23.927	264	485488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	283453	85.359	ng	0.00
7) Phenol-d6	7.128	99	361044	85.215	ng	0.00
23) Nitrobenzene-d5	9.140	82	395448	83.982	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	194809	92.527	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	966977	81.469	ng	0.00
79) Terphenyl-d14	19.956	244	1682376	77.701	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	63963	41.067	ng	97
3) Pyridine	3.787	79	181323	44.325	ng	95
4) n-Nitrosodimethylamine	3.699	42	87224	44.916	ng	90
6) Aniline	7.293	93	223503	42.499	ng	95
8) 2-Chlorophenol	7.528	128	144974	42.736	ng	98
9) Benzaldehyde	7.104	77	109159	43.435	ng	95
10) Phenol	7.157	94	180568	42.650	ng	98
11) bis(2-Chloroethyl)ether	7.393	93	141558	42.377	ng	98
12) 1,3-Dichlorobenzene	7.851	146	163063	42.282	ng	98
13) 1,4-Dichlorobenzene	7.998	146	163251	41.894	ng	98
14) 1,2-Dichlorobenzene	8.316	146	159234	42.188	ng	98
15) Benzyl Alcohol	8.210	79	146200	46.151	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.493	45	147931	42.171	ng	100
17) 2-Methylphenol	8.410	107	130638	43.597	ng	97
18) Hexachloroethane	9.045	117	63361	43.737	ng	98
19) n-Nitroso-di-n-propyla...	8.781	70	131471	45.466	ng	98
20) 3+4-Methylphenols	8.745	107	176916	44.052	ng	98
22) Acetophenone	8.798	105	232872	41.341	ng	# 97
24) Nitrobenzene	9.181	77	202087	42.416	ng	94
25) Isophorone	9.704	82	327660	42.166	ng	99
26) 2-Nitrophenol	9.892	139	79366	41.967	ng	97
27) 2,4-Dimethylphenol	9.951	122	130686	41.522	ng	95
28) bis(2-Chloroethoxy)met...	10.187	93	192193	42.279	ng	99
29) 2,4-Dichlorophenol	10.422	162	157940	42.774	ng	97
30) 1,2,4-Trichlorobenzene	10.639	180	180875	42.834	ng	99
31) Naphthalene	10.828	128	456468	41.092	ng	100
32) Benzoic acid	10.087	122	92517	38.757	ng	94
33) 4-Chloroaniline	10.945	127	198778	42.872	ng	99
34) Hexachlorobutadiene	11.098	225	123290	44.387	ng	98
35) Caprolactam	11.739	113	40547	45.294	ng	100
36) 4-Chloro-3-methylphenol	12.063	107	150599	44.852	ng	97
37) 2-Methylnaphthalene	12.433	142	343731	43.057	ng	98
38) 1-Methylnaphthalene	12.651	142	322656	42.855	ng	97
40) 1,2,4,5-Tetrachloroben...	12.798	216	225388	40.981	ng	98
41) Hexachlorocyclopentadiene	12.769	237	127200	42.080	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	145426	41.306	ng	99

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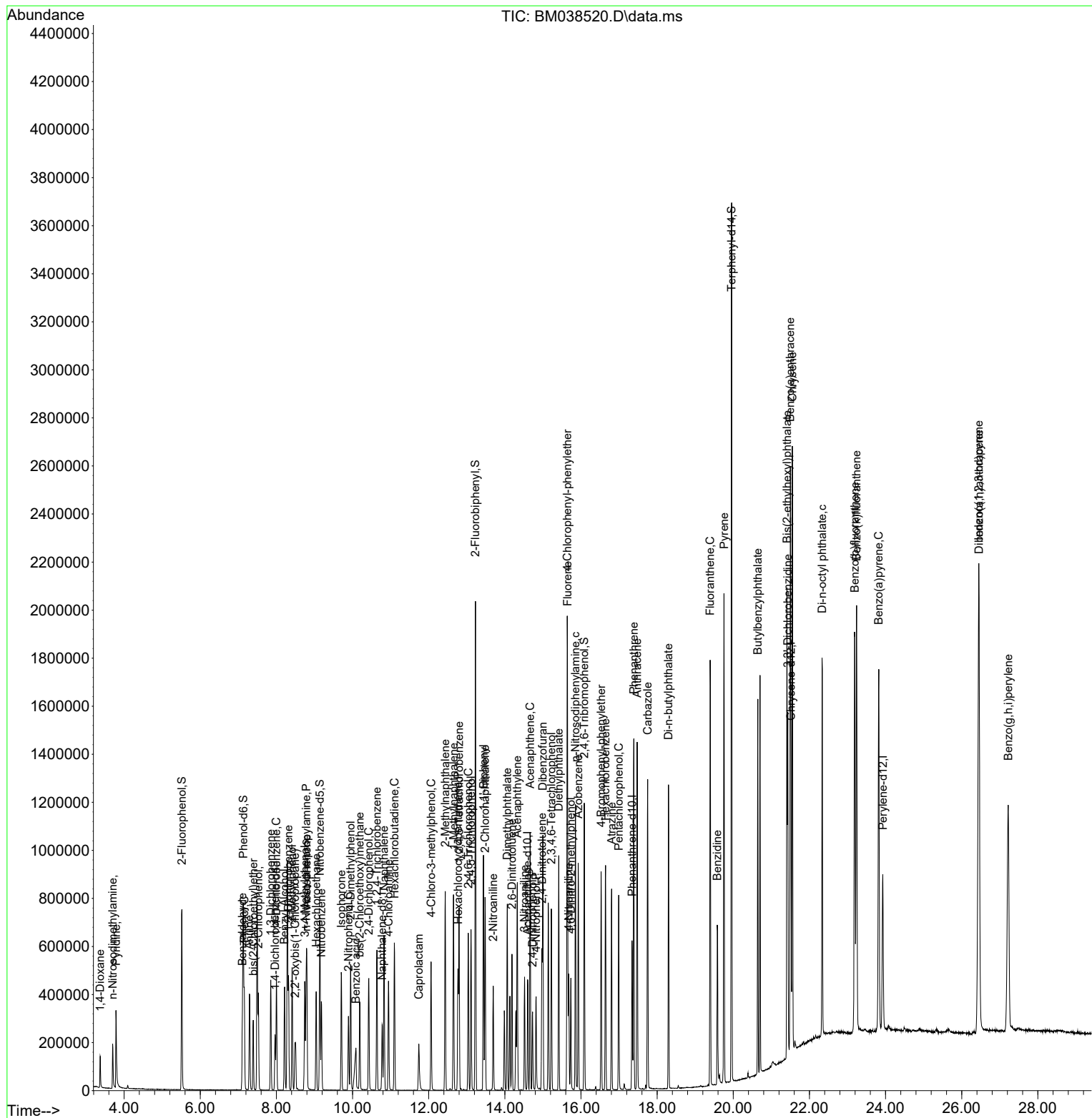
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	170785	41.417	ng	99
46) 1,1'-Biphenyl	13.439	154	464225	39.646	ng	99
47) 2-Chloronaphthalene	13.480	162	366111	40.053	ng	100
48) 2-Nitroaniline	13.692	65	113685	42.351	ng	96
49) Acenaphthylene	14.327	152	584155	40.848	ng	99
50) Dimethylphthalate	14.063	163	463439	41.177	ng	100
51) 2,6-Dinitrotoluene	14.186	165	98059	41.400	ng	94
52) Acenaphthene	14.663	154	355291	40.736	ng	97
53) 3-Nitroaniline	14.516	138	99930	42.456	ng	# 96
54) 2,4-Dinitrophenol	14.727	184	69721	40.163	ng	97
55) Dibenzofuran	14.998	168	610389	41.860	ng	97
56) 4-Nitrophenol	14.822	139	82502	42.563	ng	97
57) 2,4-Dinitrotoluene	14.974	165	139746	43.525	ng	99
58) Fluorene	15.645	166	509336	43.075	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	146532	43.474	ng	99
60) Diethylphthalate	15.416	149	476198	43.205	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	272047	43.822	ng	97
62) 4-Nitroaniline	15.680	138	109043	40.711	ng	99
63) Azobenzene	15.927	77	501134	42.914	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	99364	42.469	ng	97
66) n-Nitrosodiphenylamine	15.857	169	437109	40.395	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	167843	41.980	ng	99
68) Hexachlorobenzene	16.645	284	185241	42.936	ng	99
69) Atrazine	16.804	200	155132	42.971	ng	99
70) Pentachlorophenol	16.992	266	136923	44.573	ng	99
71) Phenanthrene	17.386	178	832984	41.382	ng	100
72) Anthracene	17.474	178	859262	41.951	ng	100
73) Carbazole	17.751	167	776297	43.037	ng	100
74) Di-n-butylphthalate	18.298	149	838020	42.288	ng	100
75) Fluoranthene	19.392	202	1059939	43.813	ng	99
77) Benzidine	19.580	184	411515	42.782	ng	99
78) Pyrene	19.756	202	1158008	39.399	ng	99
80) Butylbenzylphthalate	20.645	149	406094	39.956	ng	98
81) Benzo(a)anthracene	21.498	228	1220749	40.814	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	408580	42.528	ng	98
83) Chrysene	21.551	228	1207702	41.289	ng	100
84) Bis(2-ethylhexyl)phtha...	21.409	149	608611	41.320	ng	100
85) Di-n-octyl phthalate	22.333	149	1078099	41.163	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	1502661	41.828	ng	99
88) Benzo(b)fluoranthene	23.192	252	1254972	42.852	ng	99
89) Benzo(k)fluoranthene	23.239	252	1239413	40.899	ng	99
90) Benzo(a)pyrene	23.821	252	1220005	42.017	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1252571	41.888	ng	99
92) Benzo(g,h,i)perylene	27.221	276	1255117	40.976	ng	98

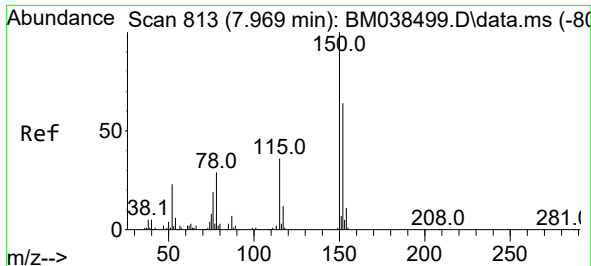
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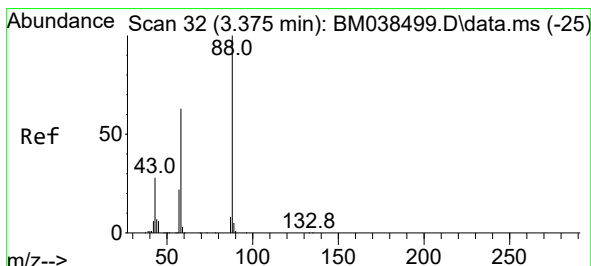
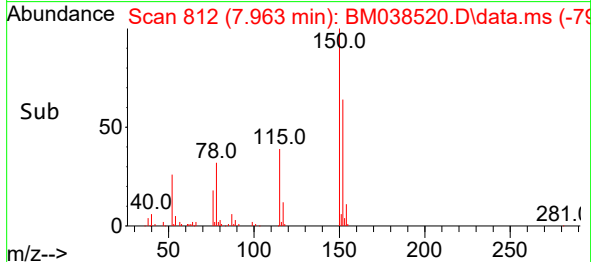
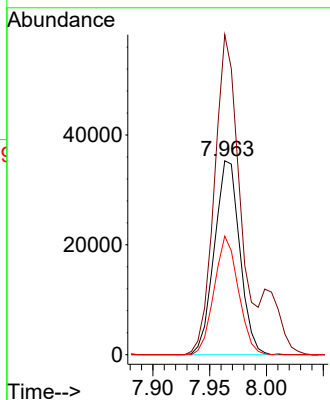
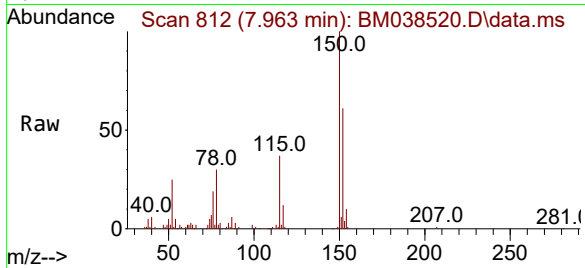




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038520.D
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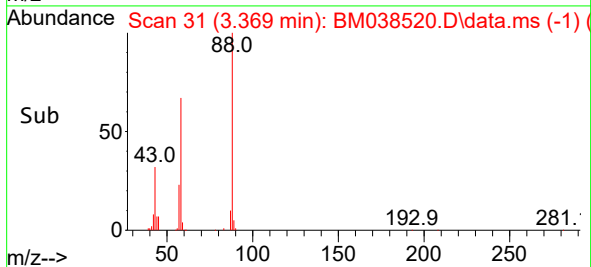
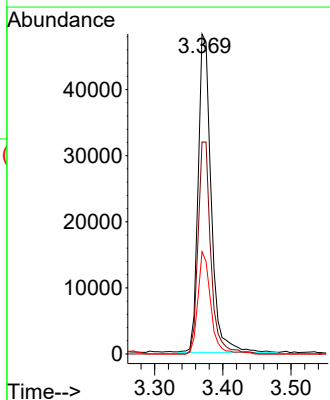
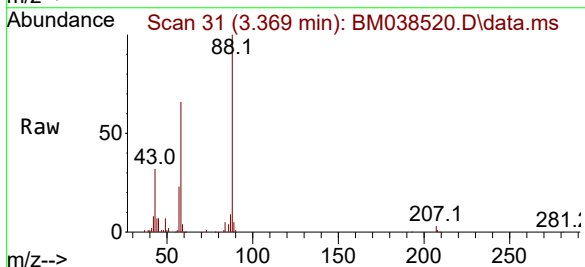
Instrument :
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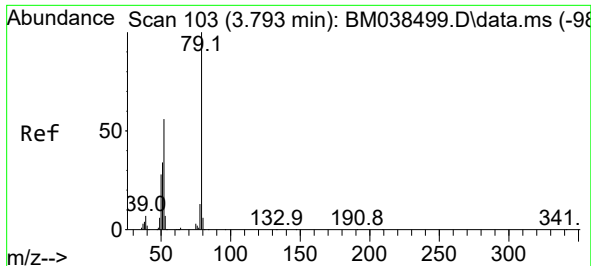
Tgt Ion:152 Resp: 54896
Ion Ratio Lower Upper
152 100
150 165.0 124.2 186.4
115 61.1 44.8 67.2



#2
1,4-Dioxane
Concen: 41.067 ng
RT: 3.369 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion: 88 Resp: 63963
Ion Ratio Lower Upper
88 100
58 65.5 50.5 75.7
43 31.7 23.9 35.9

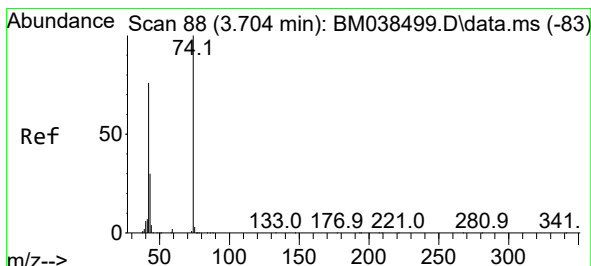
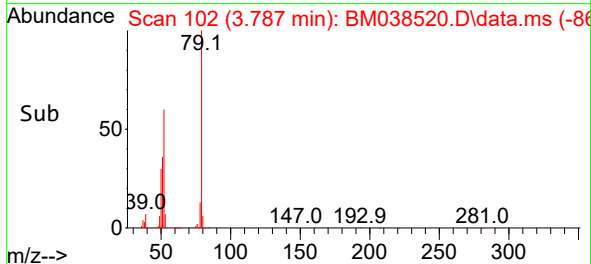
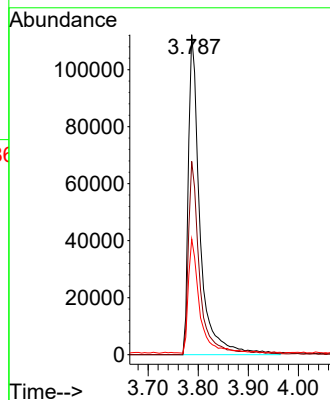
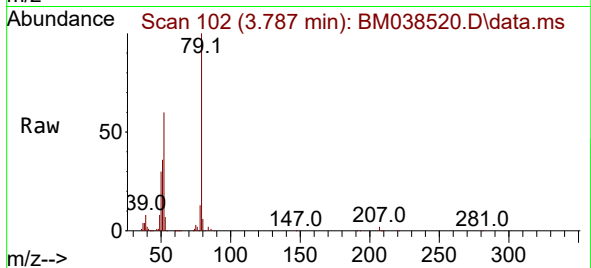




#3
Pyridine
Concen: 44.325 ng
RT: 3.787 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

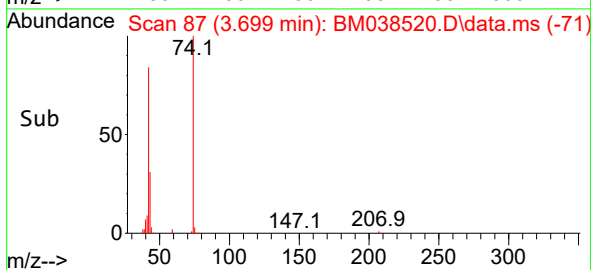
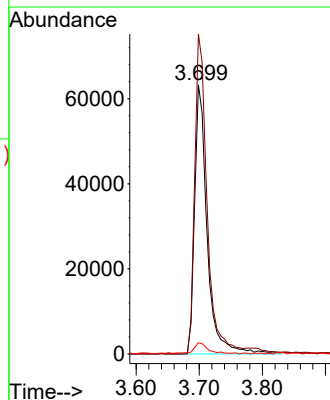
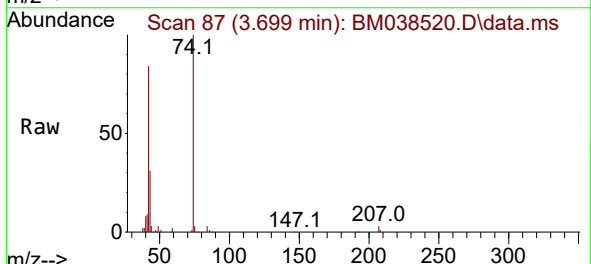
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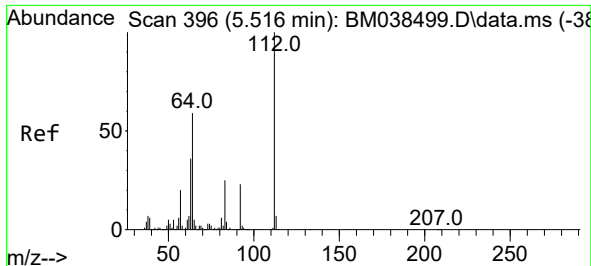
Tgt Ion: 79 Resp: 181323
Ion Ratio Lower Upper
79 100
52 60.4 45.0 67.4
51 36.2 27.1 40.7



#4
n-Nitrosodimethylamine
Concen: 44.916 ng
RT: 3.699 min Scan# 87
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion: 42 Resp: 87224
Ion Ratio Lower Upper
42 100
74 118.9 105.0 157.4
44 4.2 4.1 6.1

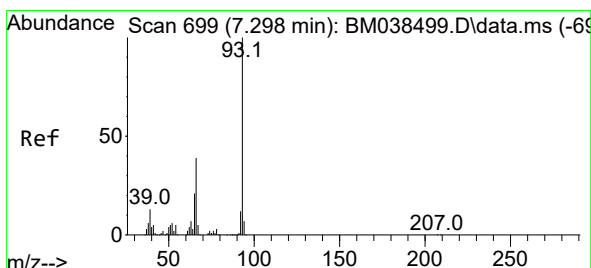
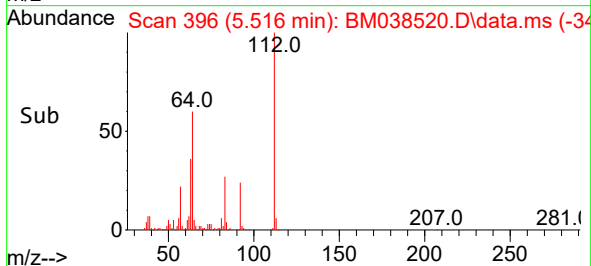
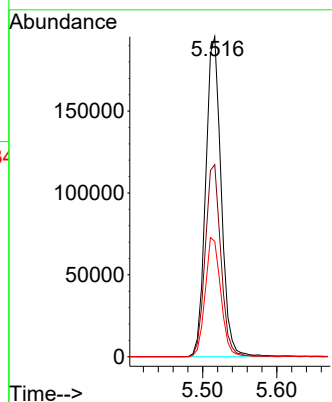
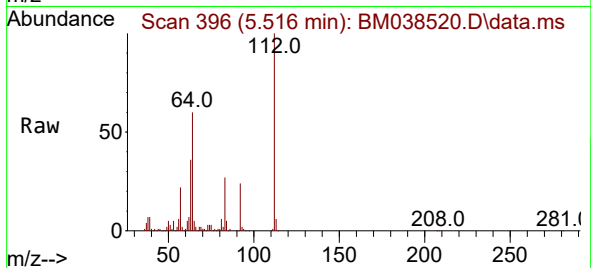




#5
2-Fluorophenol
Concen: 85.359 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

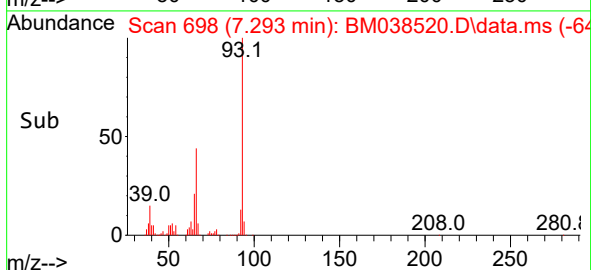
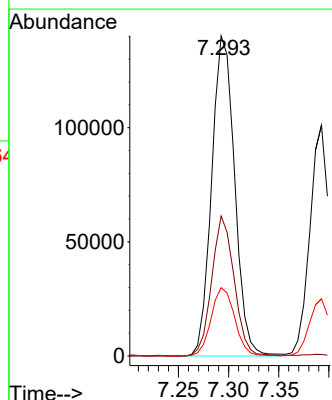
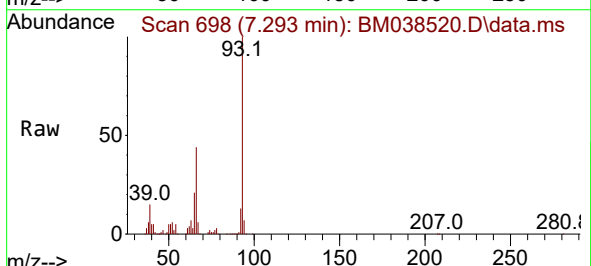
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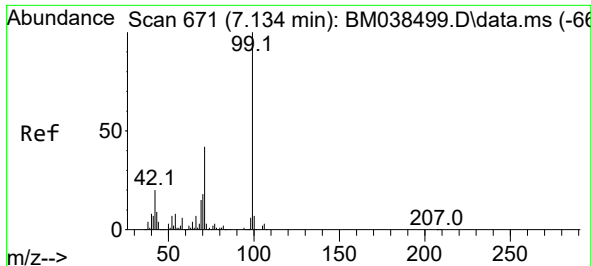
Tgt Ion:112 Resp: 283453
Ion Ratio Lower Upper
112 100
64 60.0 47.3 70.9
63 36.0 28.8 43.2



#6
Aniline
Concen: 42.499 ng
RT: 7.293 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion: 93 Resp: 223503
Ion Ratio Lower Upper
93 100
66 43.7 31.6 47.4
65 21.4 16.6 24.8

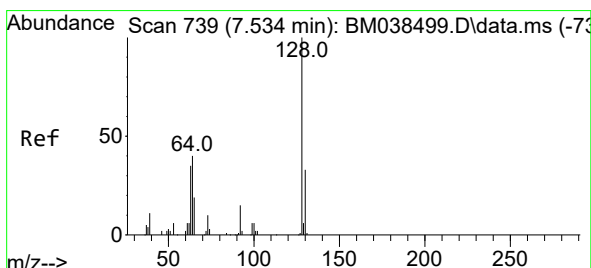
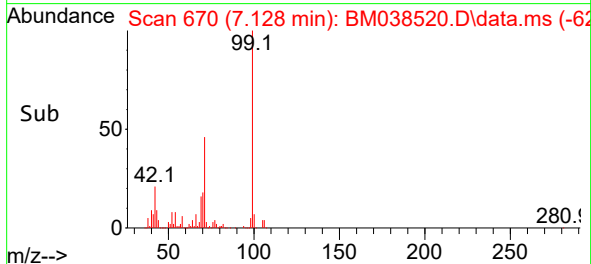
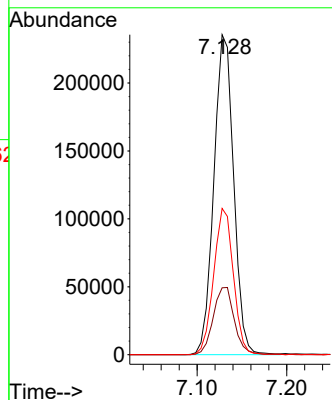
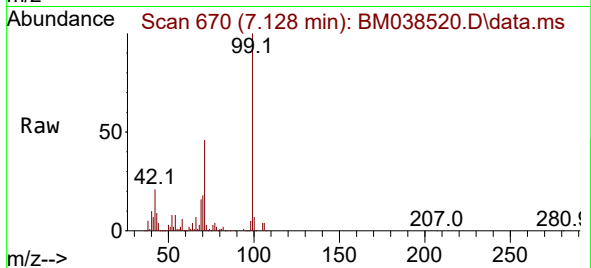




#7
Phenol-d6
Concen: 85.215 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

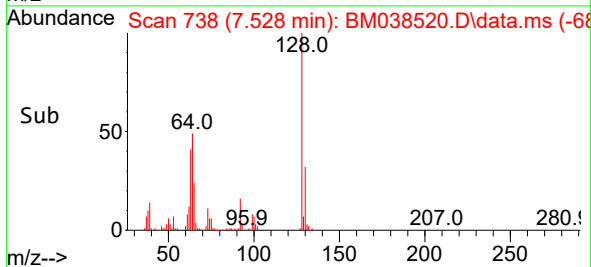
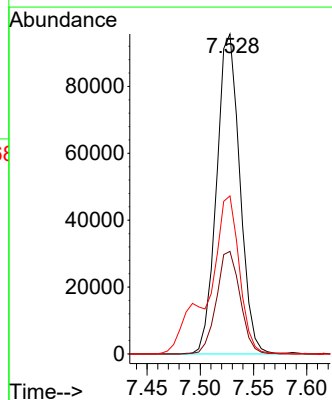
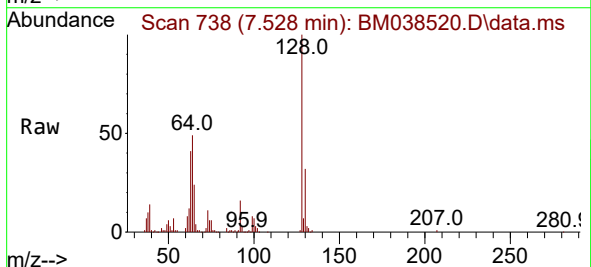
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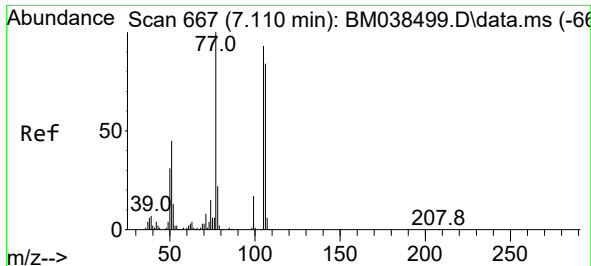
Tgt Ion: 99 Resp: 361044
Ion Ratio Lower Upper
99 100
42 20.9 16.0 24.0
71 45.7 33.8 50.6



#8
2-Chlorophenol
Concen: 42.736 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion: 128 Resp: 144974
Ion Ratio Lower Upper
128 100
130 32.0 13.2 53.2
64 49.4 27.7 67.7

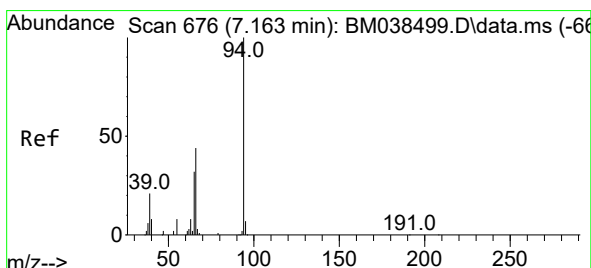
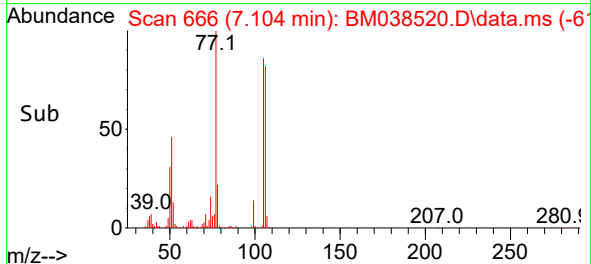
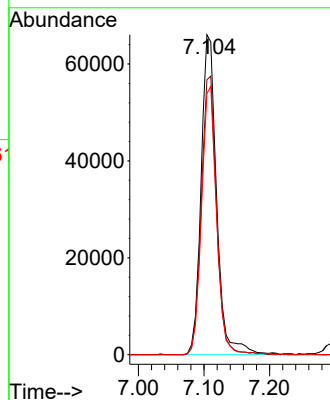
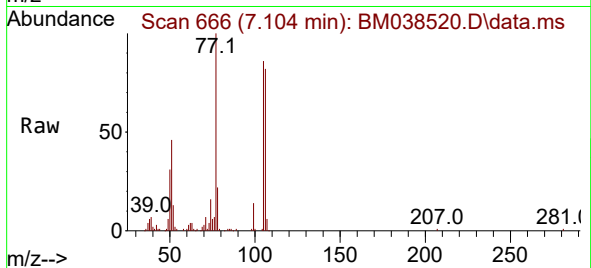




#9
Benzaldehyde
Concen: 43.435 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.006 min
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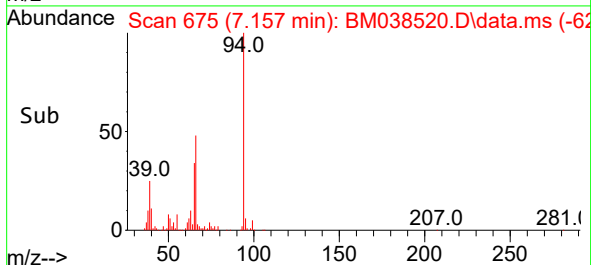
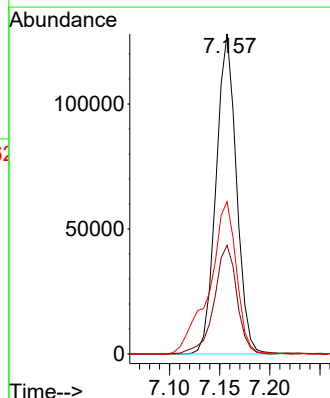
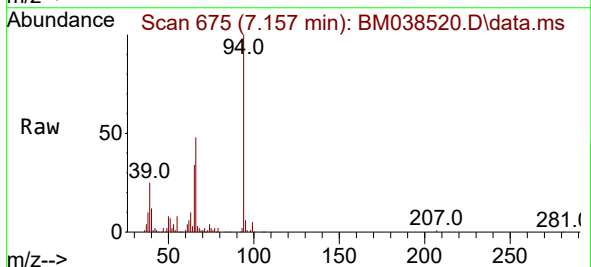
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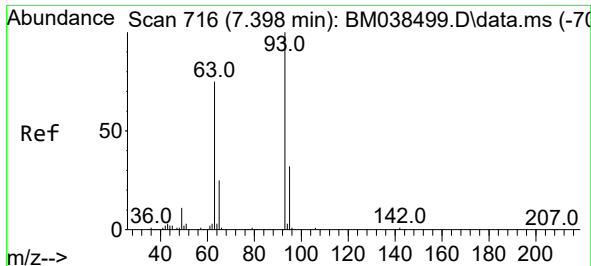
Tgt Ion: 77 Resp: 109159
Ion Ratio Lower Upper
77 100
105 85.9 72.9 112.9
106 81.6 63.8 103.8



#10
Phenol
Concen: 42.650 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038520.D
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Tgt Ion: 94 Resp: 180568
Ion Ratio Lower Upper
94 100
65 34.0 12.7 52.7
66 47.6 26.0 66.0

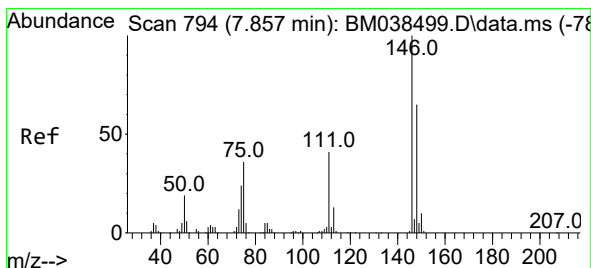
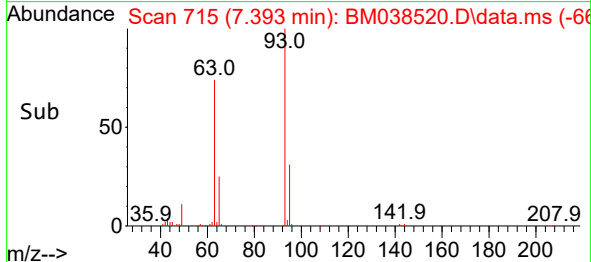
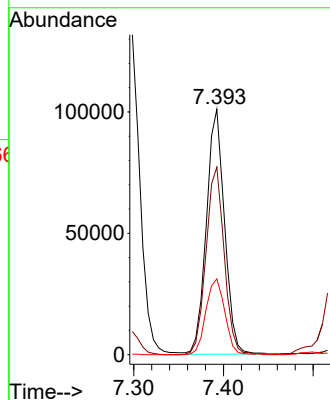
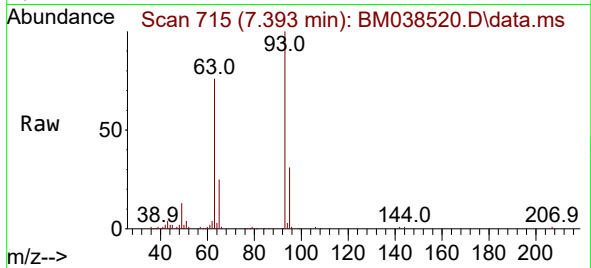




#11
bis(2-Chloroethyl)ether
Concen: 42.377 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

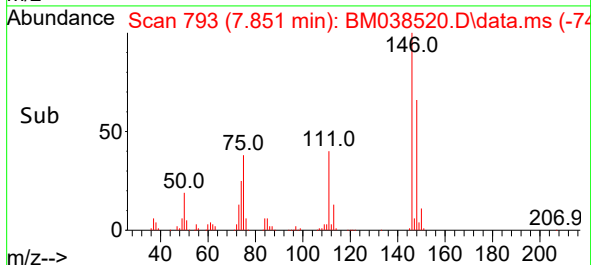
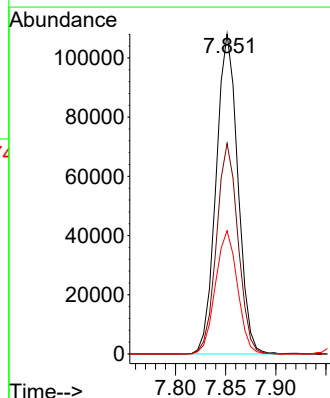
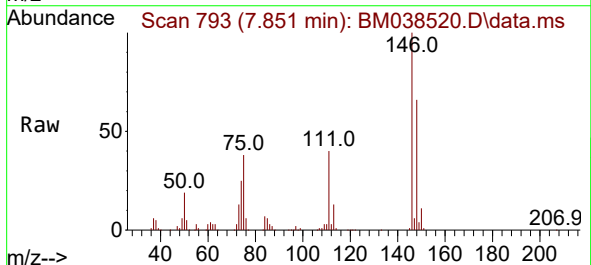
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

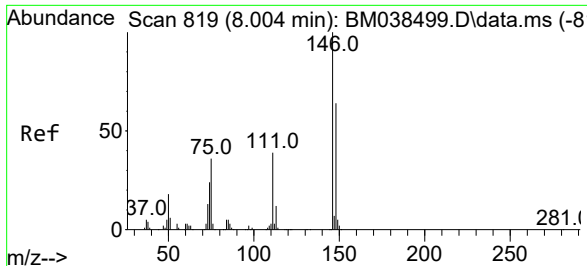
Tgt Ion: 93 Resp: 141558
Ion Ratio Lower Upper
93 100
63 76.4 54.4 94.4
95 30.9 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 42.282 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:146 Resp: 163063
Ion Ratio Lower Upper
146 100
148 65.8 52.1 78.1
75 38.5 28.7 43.1

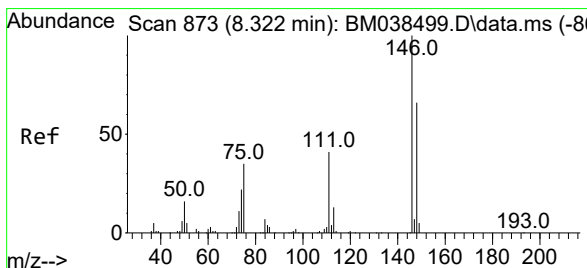
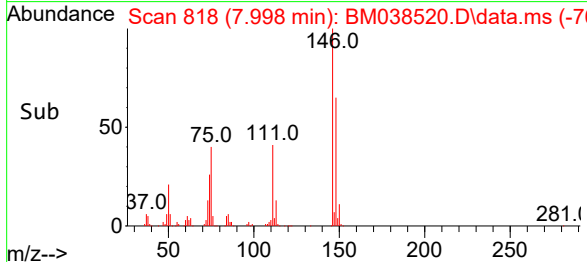
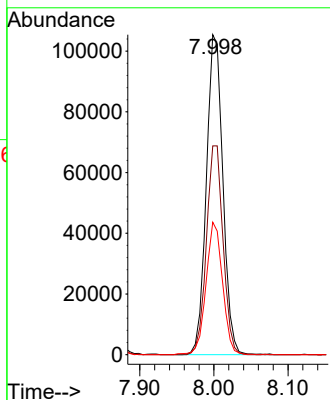
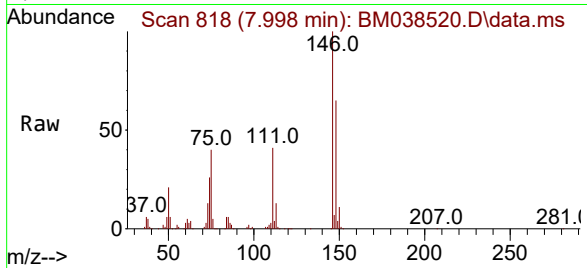




#13
1,4-Dichlorobenzene
Concen: 41.894 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

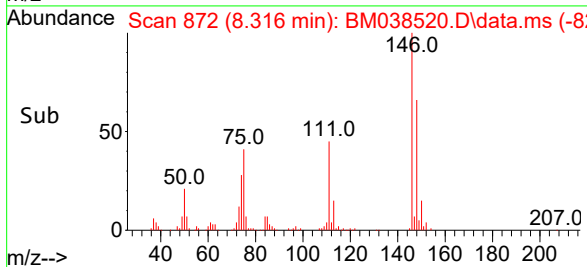
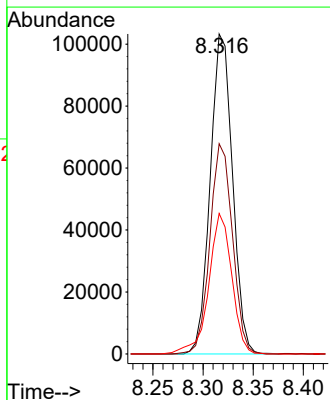
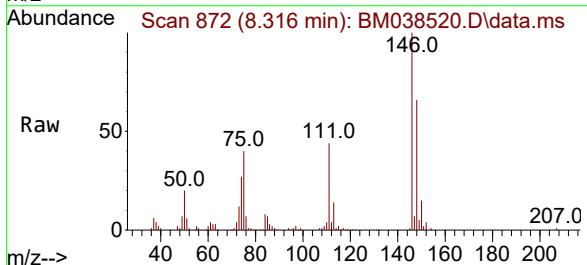
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

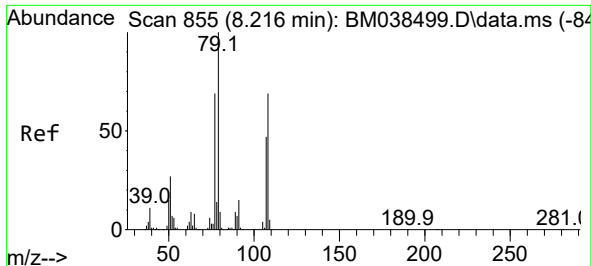
Tgt Ion:146 Resp: 163251
Ion Ratio Lower Upper
146 100
148 65.2 51.3 76.9
111 41.4 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 42.188 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:146 Resp: 159234
Ion Ratio Lower Upper
146 100
148 65.7 52.7 79.1
111 43.9 33.2 49.8

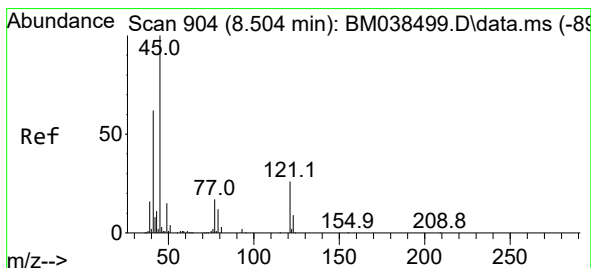
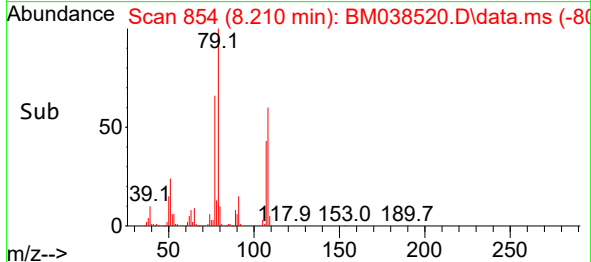
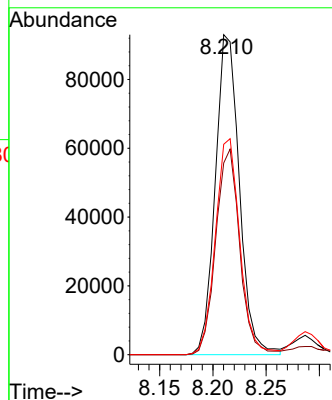
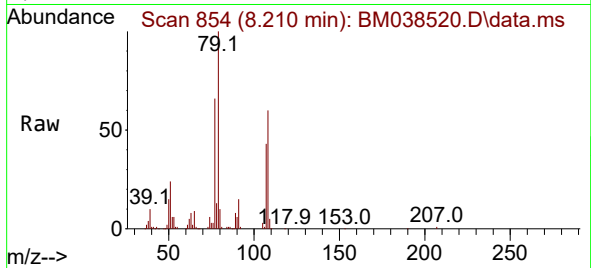




#15
Benzyl Alcohol
Concen: 46.151 ng
RT: 8.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

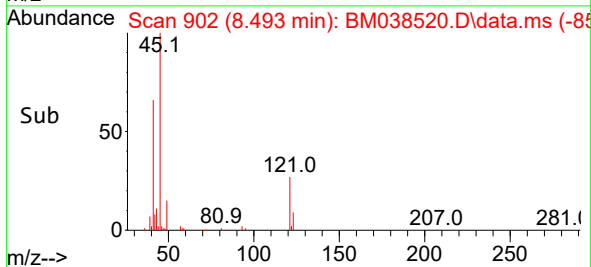
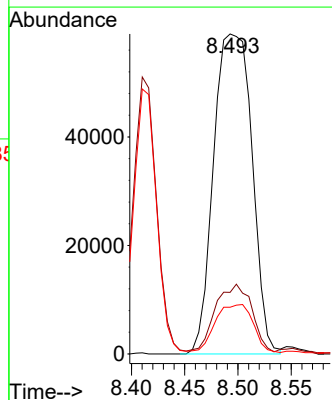
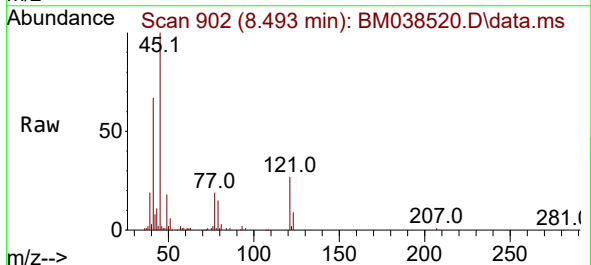
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

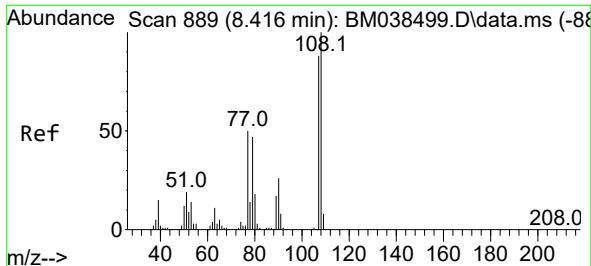
Tgt Ion: 79 Resp: 146200
Ion Ratio Lower Upper
79 100
108 59.9 55.0 82.6
77 65.8 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.171 ng
RT: 8.493 min Scan# 902
Delta R.T. -0.012 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion: 45 Resp: 147931
Ion Ratio Lower Upper
45 100
77 19.3 0.0 39.2
79 14.6 0.0 34.9

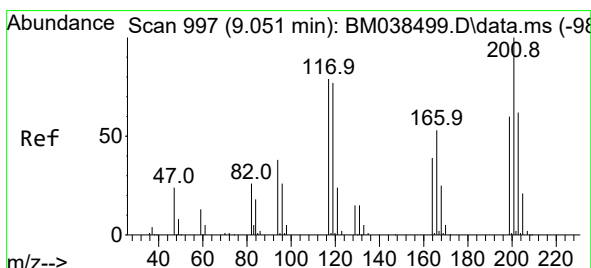
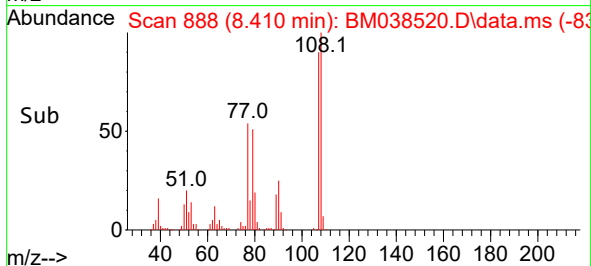
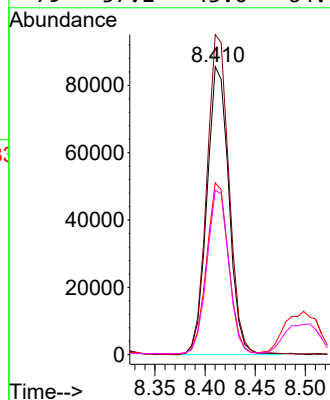
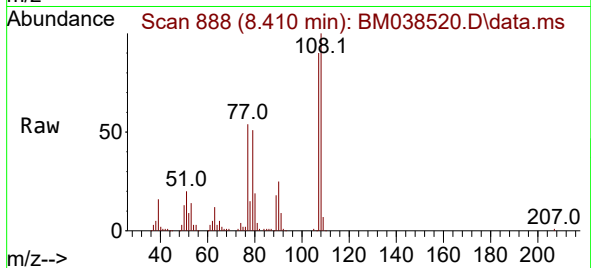




#17
2-Methylphenol
Concen: 43.597 ng
RT: 8.410 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

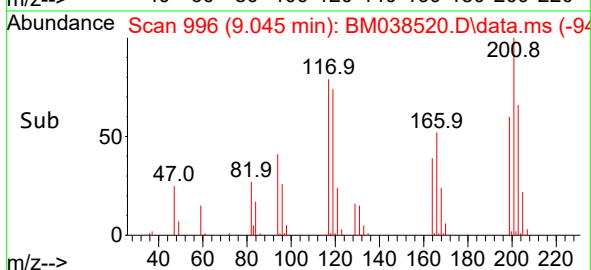
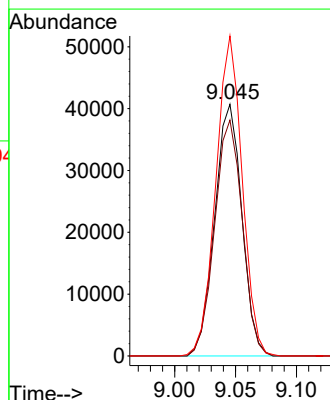
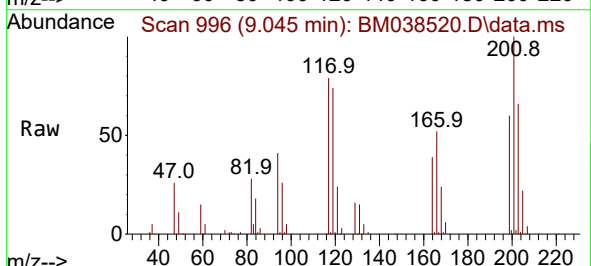
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

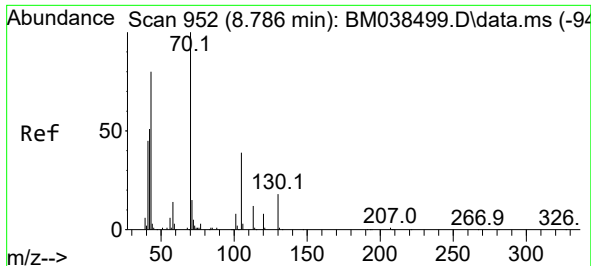
Tgt Ion:	107	Resp:	130638
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.8	136.2
77	59.6	46.1	69.1
79	57.1	43.0	64.4



#18
Hexachloroethane
Concen: 43.737 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:	117	Resp:	63361
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.9	116.9
201	127.2	100.6	151.0

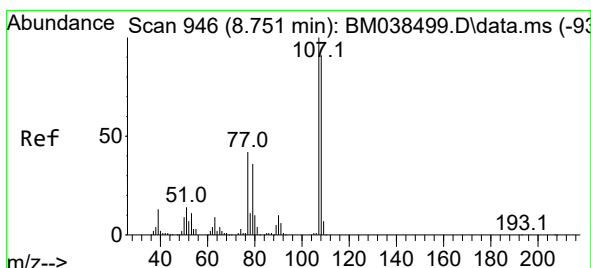
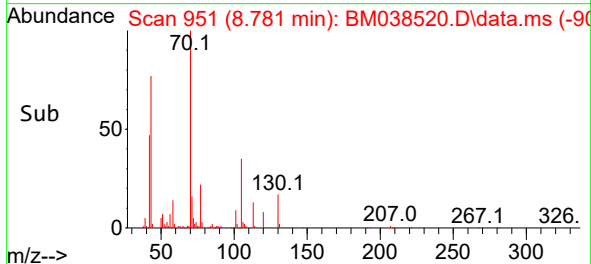
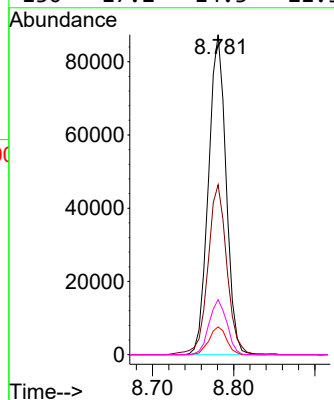
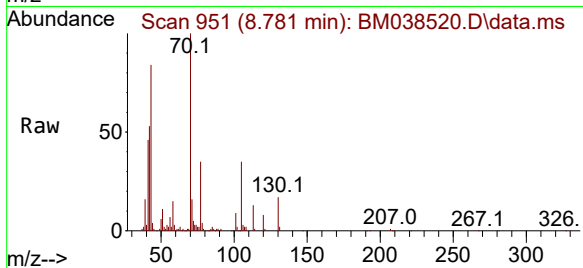




#19
n-Nitroso-di-n-propylamine
Concen: 45.466 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

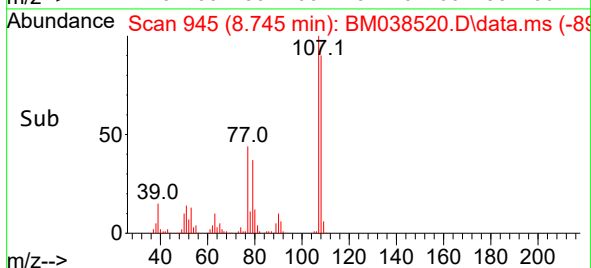
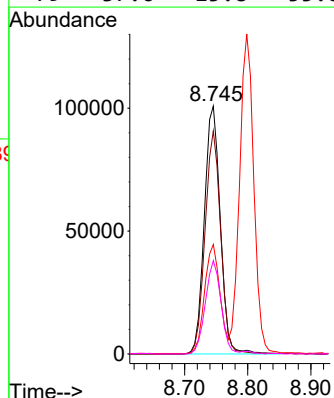
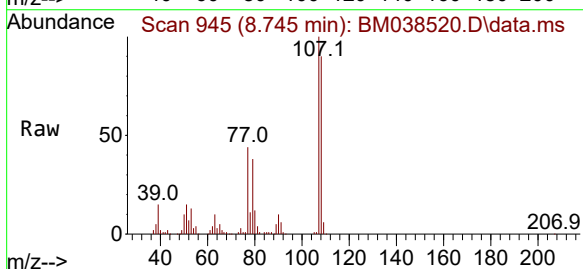
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

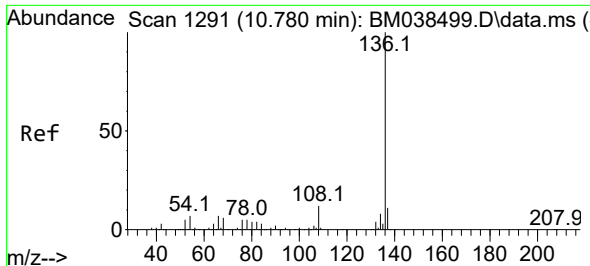
Tgt Ion:	70	Resp:	131471
Ion	Ratio	Lower	Upper
70	100		
42	53.1	41.4	62.2
101	8.7	6.5	9.7
130	17.2	14.3	21.5



#20
3+4-Methylphenols
Concen: 44.052 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:	107	Resp:	176916
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.7	110.7
77	44.2	22.0	62.0
79	37.6	15.8	55.8

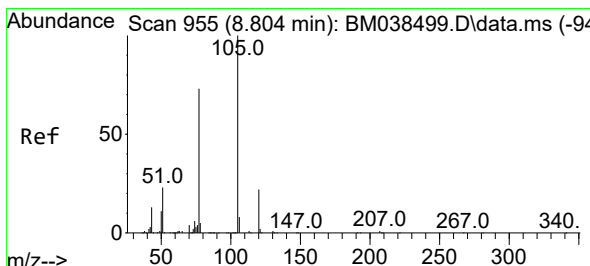
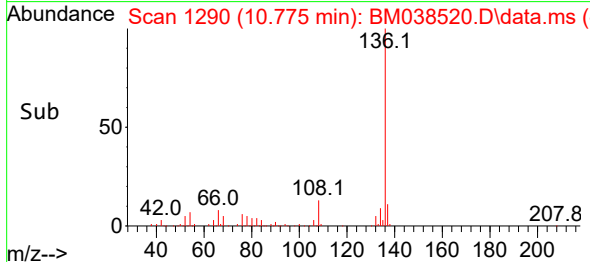
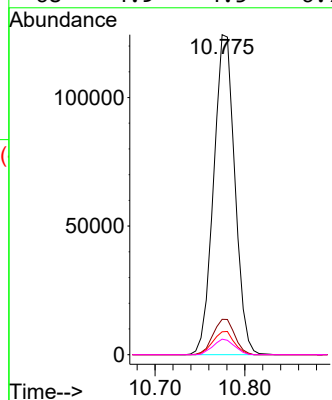
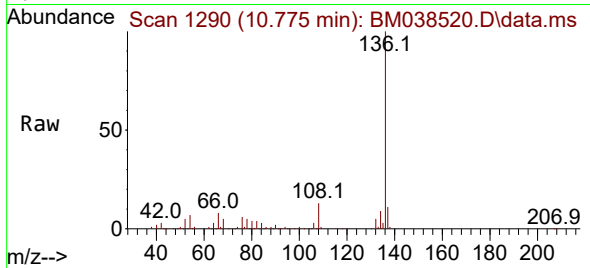




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

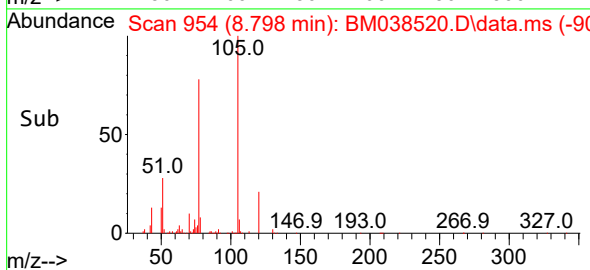
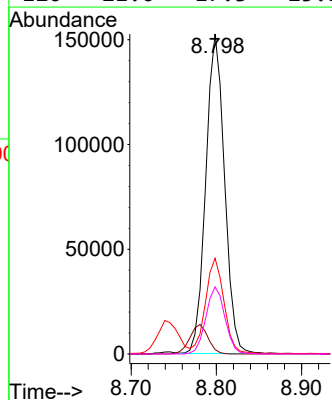
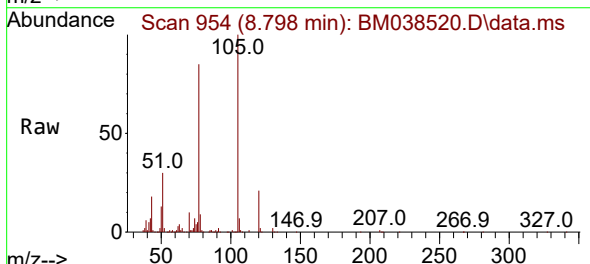
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

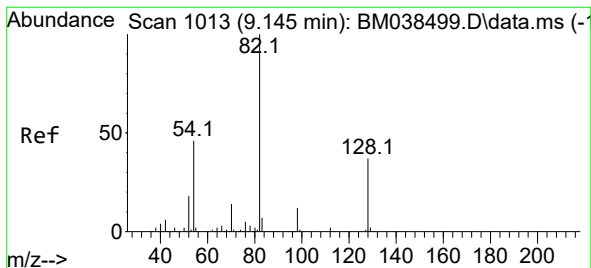
Tgt Ion:136 Resp: 204477
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.1 6.0 9.0
68 4.9 4.5 6.7



#22
Acetophenone
Concen: 41.341 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:105 Resp: 232872
Ion Ratio Lower Upper
105 100
71 1.4 0.9 1.3#
51 29.9 21.8 32.8
120 21.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 83.982 ng

RT: 9.140 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

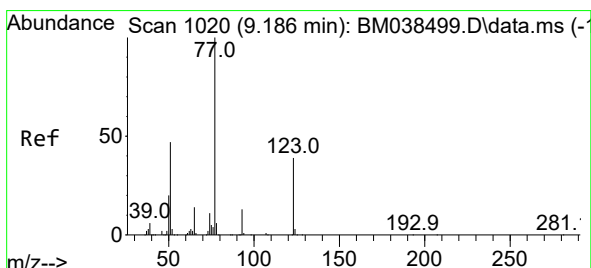
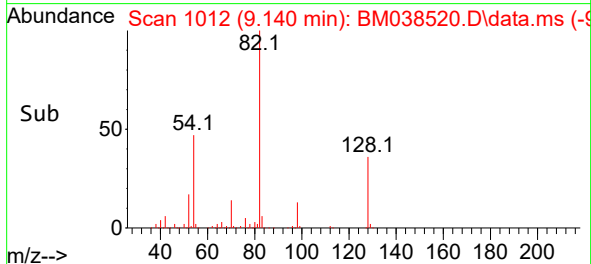
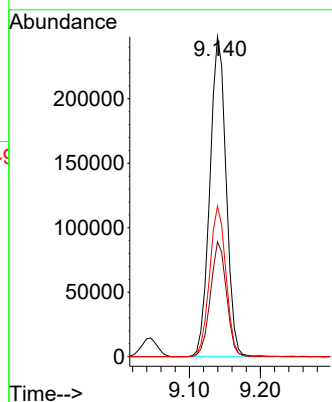
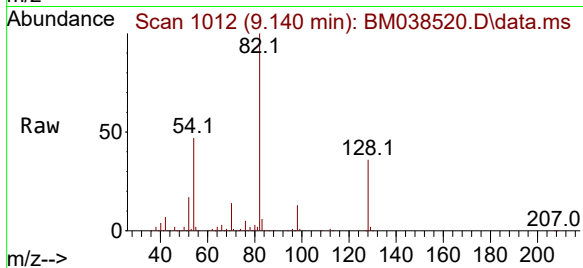
Tgt Ion: 82 Resp: 395448

Ion Ratio Lower Upper

82 100

128 35.9 29.3 43.9

54 47.1 36.9 55.3



#24

Nitrobenzene

Concen: 42.416 ng

RT: 9.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

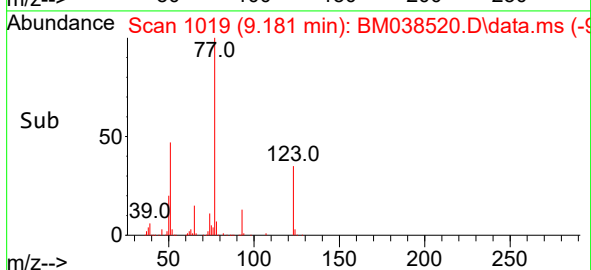
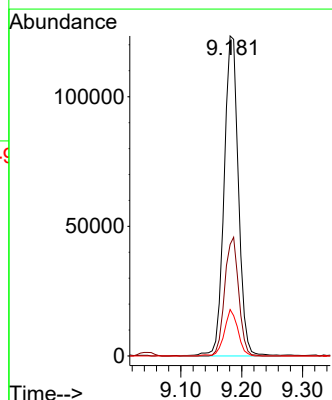
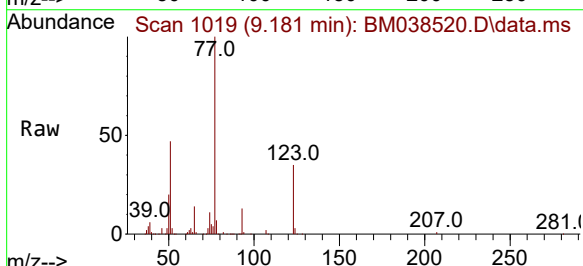
Tgt Ion: 77 Resp: 202087

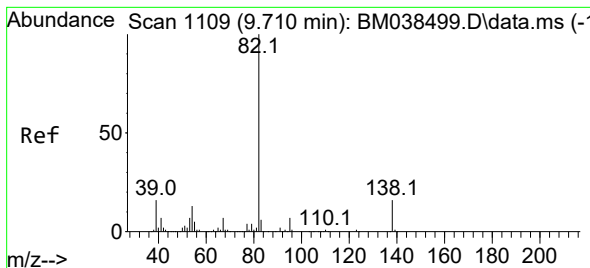
Ion Ratio Lower Upper

77 100

123 34.9 31.5 47.3

65 14.5 11.2 16.8





#25

Isophorone

Concen: 42.166 ng

RT: 9.704 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

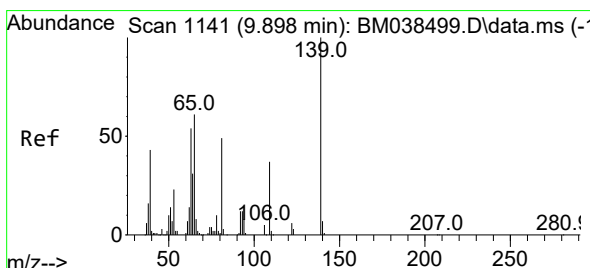
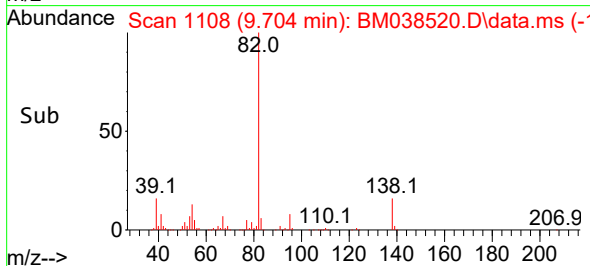
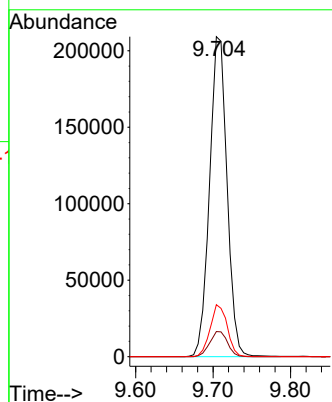
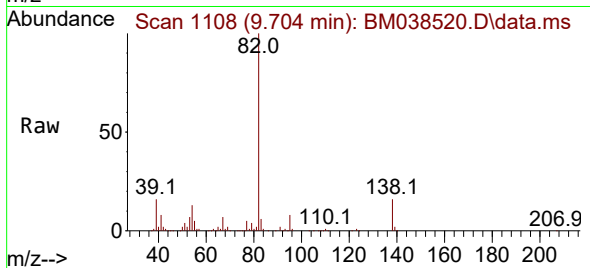
Tgt Ion: 82 Resp: 327660

Ion Ratio Lower Upper

82 100

95 7.9 5.6 8.4

138 16.3 13.2 19.8



#26

2-Nitrophenol

Concen: 41.967 ng

RT: 9.892 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

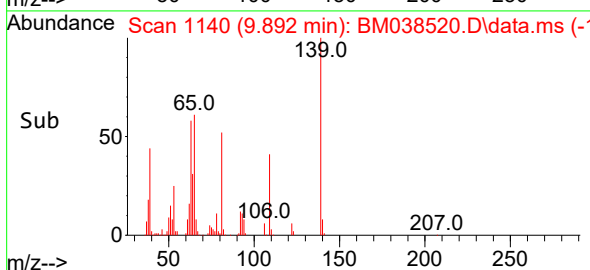
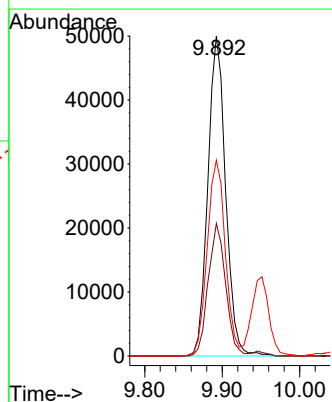
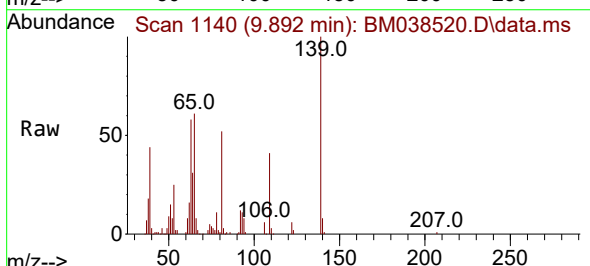
Tgt Ion: 139 Resp: 79366

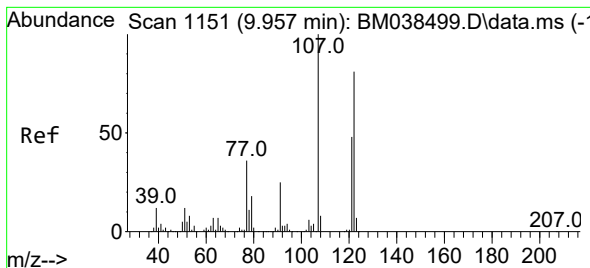
Ion Ratio Lower Upper

139 100

109 41.4 29.3 43.9

65 61.2 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 41.522 ng

RT: 9.951 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

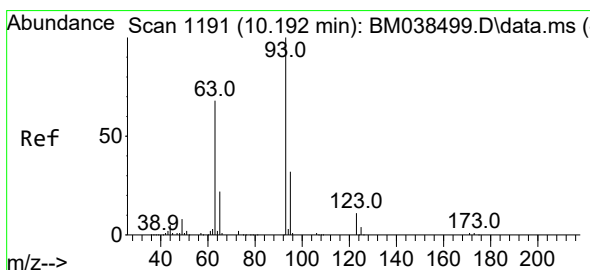
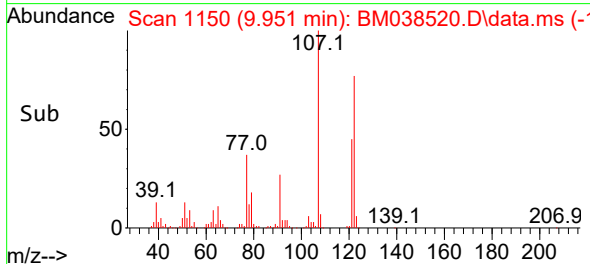
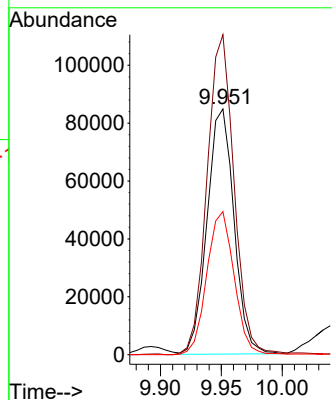
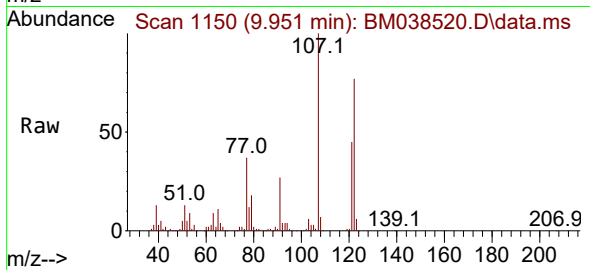
Tgt Ion:122 Resp: 130686

Ion Ratio Lower Upper

122 100

107 130.2 98.2 147.2

121 58.2 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.279 ng

RT: 10.187 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

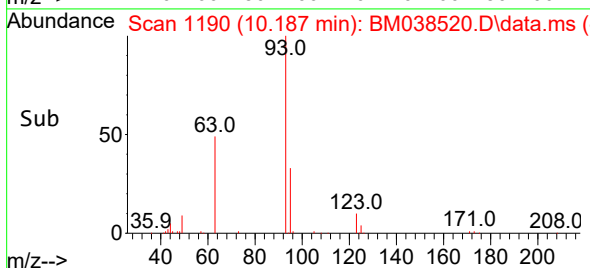
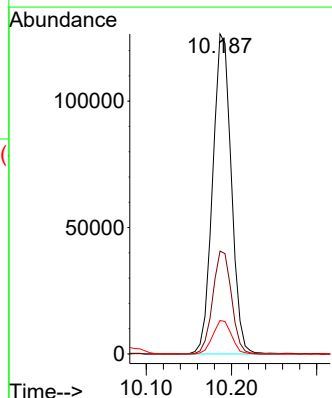
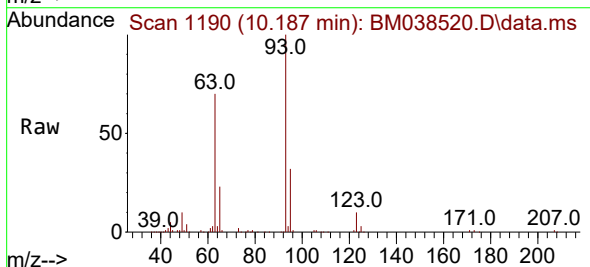
Tgt Ion: 93 Resp: 192193

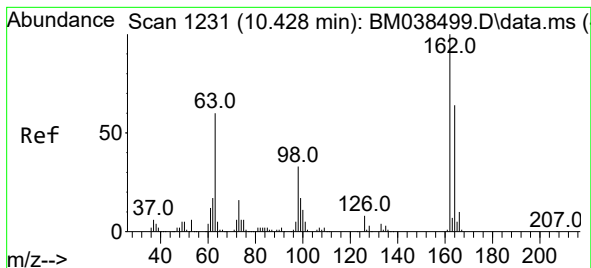
Ion Ratio Lower Upper

93 100

95 32.1 25.3 37.9

123 10.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.774 ng

RT: 10.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

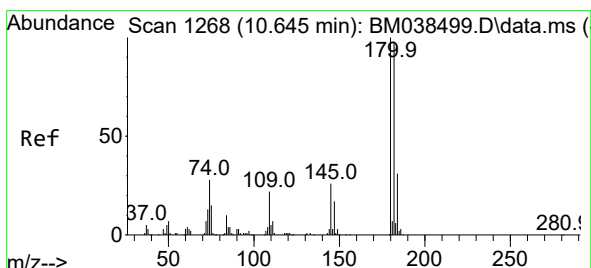
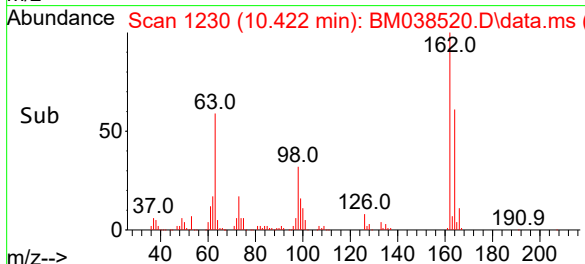
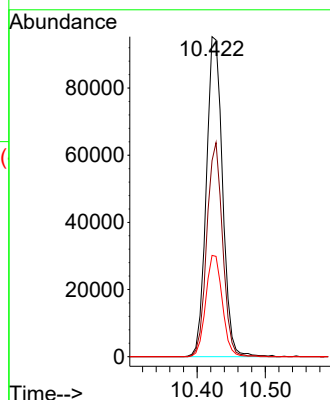
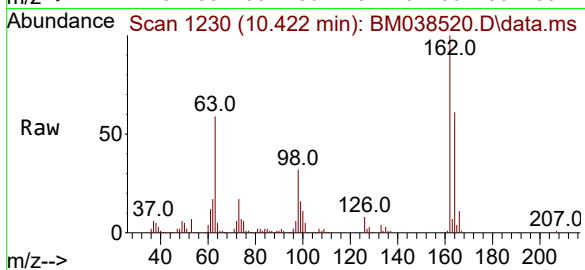
Tgt Ion:162 Resp: 157940

Ion Ratio Lower Upper

162 100

164 61.2 43.7 83.7

98 31.7 12.9 52.9



#30

1,2,4-Trichlorobenzene

Concen: 42.834 ng

RT: 10.639 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

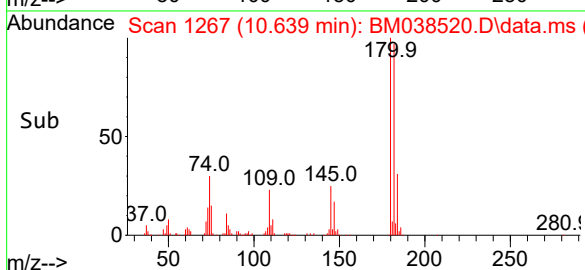
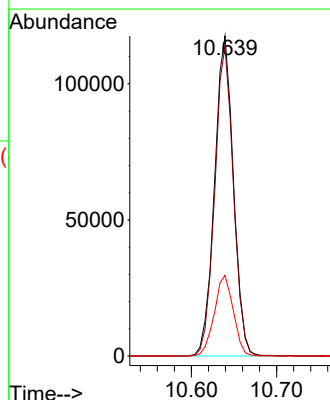
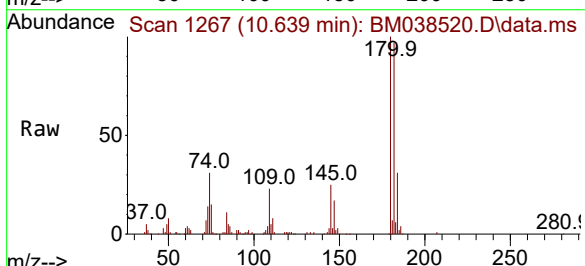
Tgt Ion:180 Resp: 180875

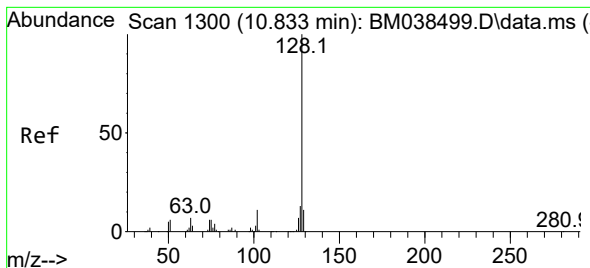
Ion Ratio Lower Upper

180 100

182 96.7 78.3 117.5

145 25.2 21.0 31.6





#31

Naphthalene

Concen: 41.092 ng

RT: 10.828 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

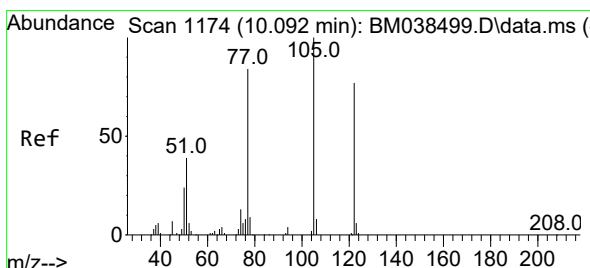
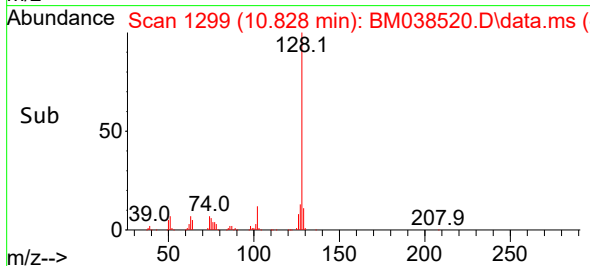
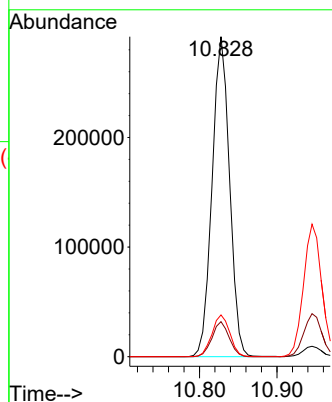
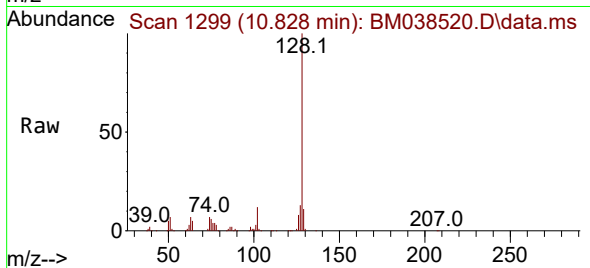
Tgt Ion:128 Resp: 456468

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 38.757 ng

RT: 10.087 min Scan# 1173

Delta R.T. -0.005 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

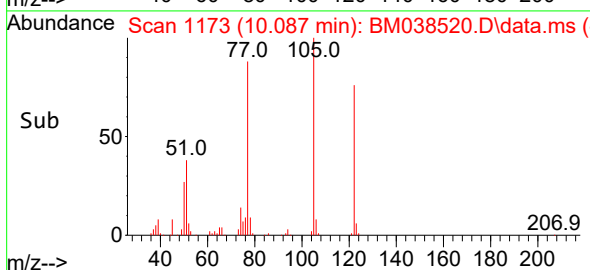
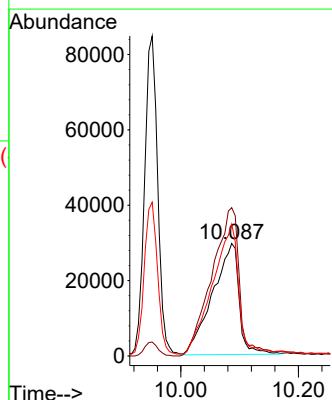
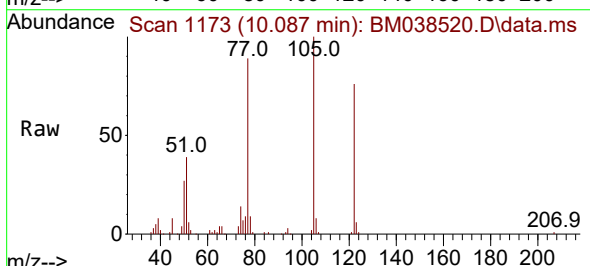
Tgt Ion:122 Resp: 92517

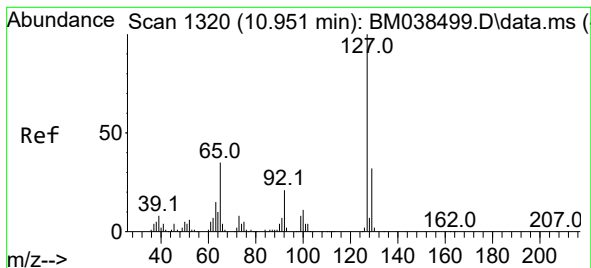
Ion Ratio Lower Upper

122 100

105 131.8 107.9 147.9

77 117.1 88.6 128.6





#33

4-Chloroaniline

Concen: 42.872 ng

RT: 10.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 198778

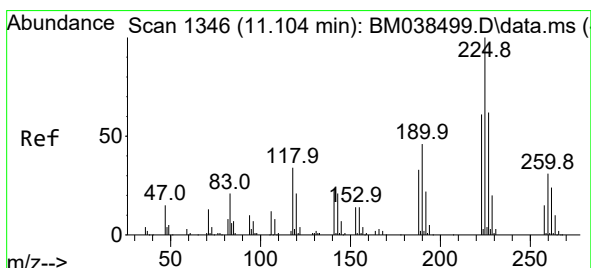
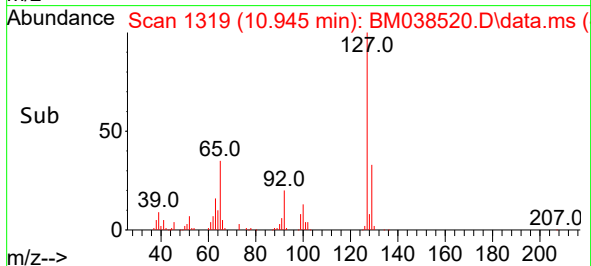
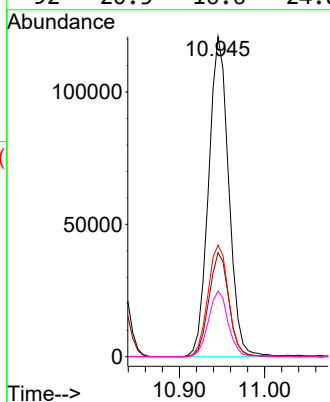
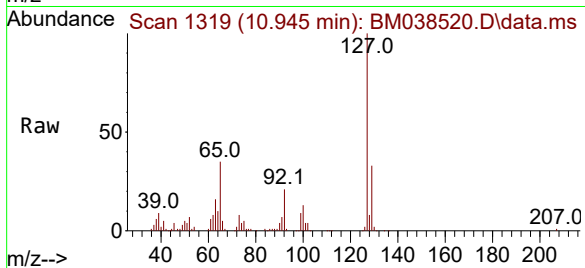
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.6

65 34.9 28.2 42.2

92 20.5 16.6 24.8



#34

Hexachlorobutadiene

Concen: 44.387 ng

RT: 11.098 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

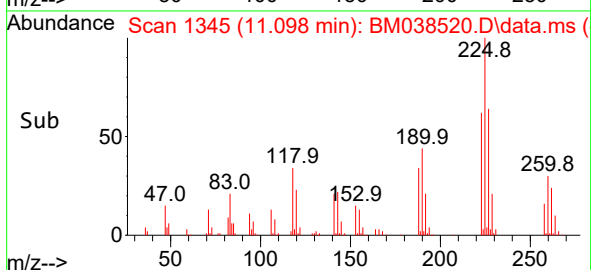
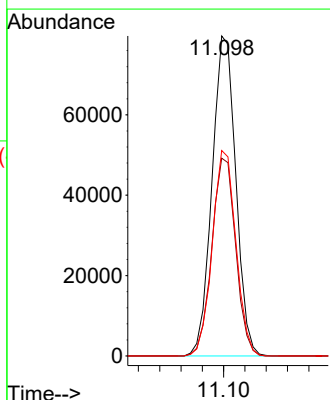
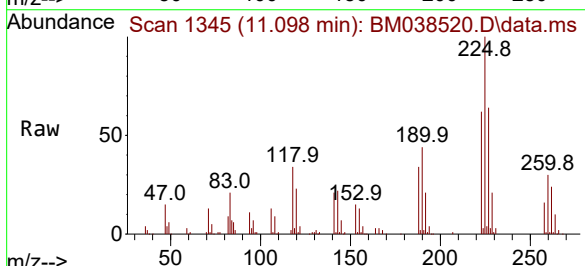
Tgt Ion:225 Resp: 123290

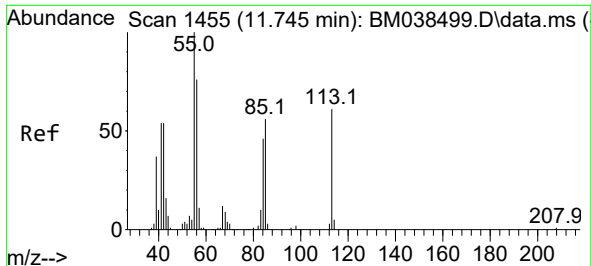
Ion Ratio Lower Upper

225 100

223 61.8 48.8 73.2

227 64.2 49.4 74.0

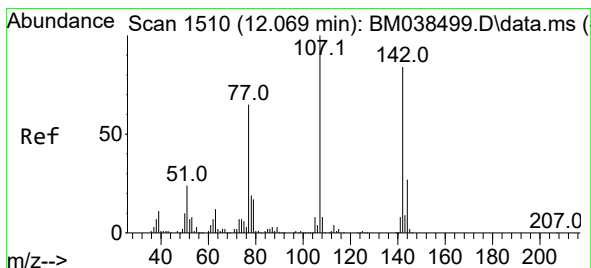
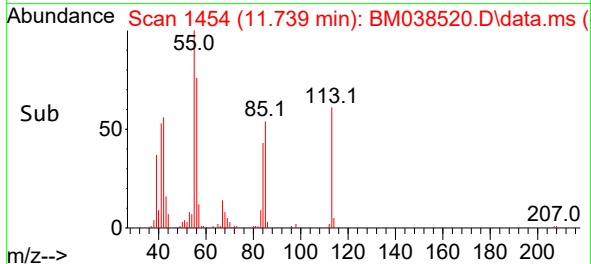
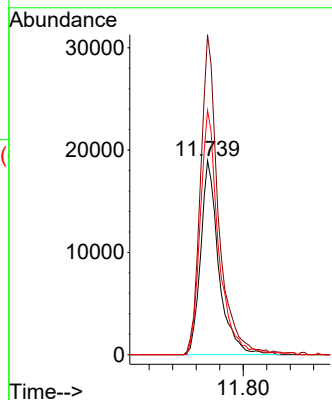
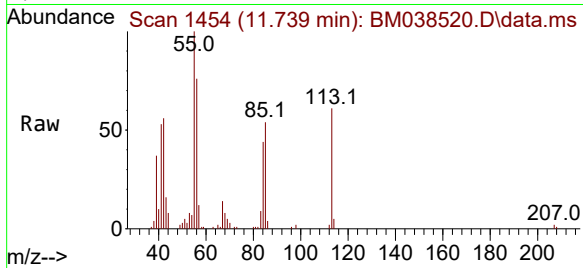




#35
 Caprolactam
 Concen: 45.294 ng
 RT: 11.739 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BM038520.D
 Acq: 24 Jan 2023 10:25

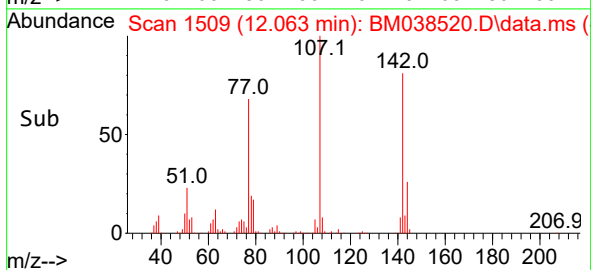
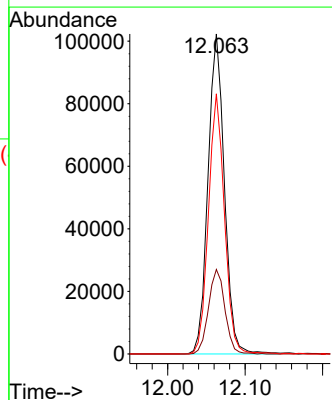
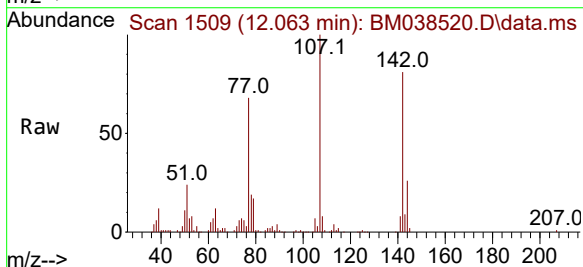
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

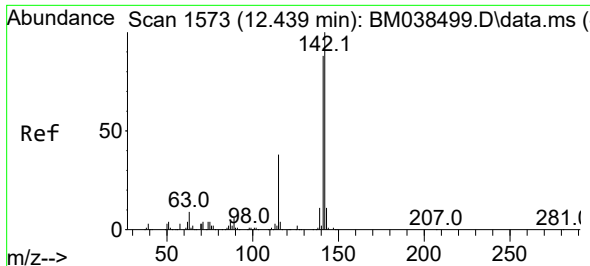
Tgt Ion:113 Resp: 40547
 Ion Ratio Lower Upper
 113 100
 55 164.8 145.0 185.0
 56 125.8 105.7 145.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.852 ng
 RT: 12.063 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: BM038520.D
 Acq: 24 Jan 2023 10:25

Tgt Ion:107 Resp: 150599
 Ion Ratio Lower Upper
 107 100
 144 26.4 22.0 33.0
 142 81.3 67.5 101.3

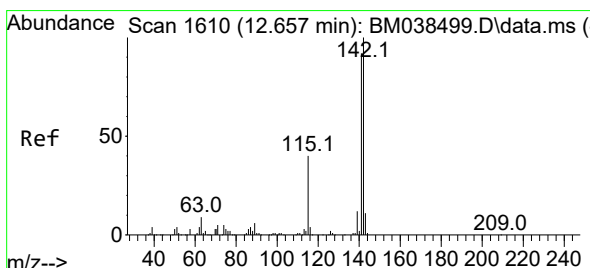
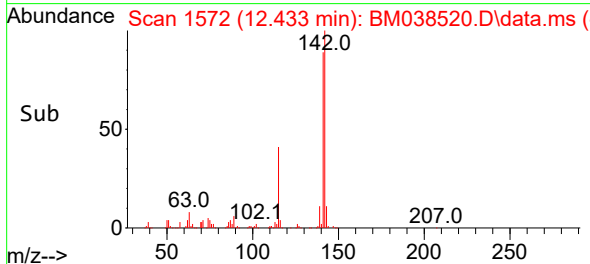
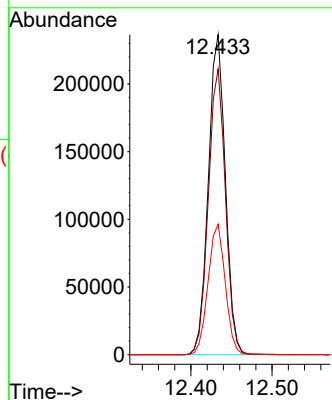
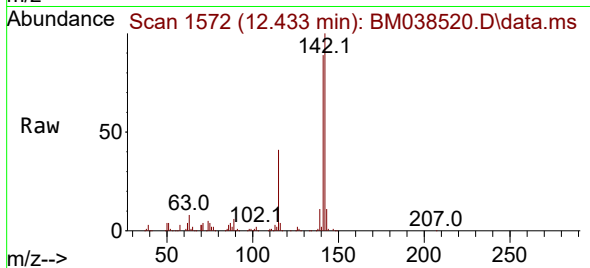




#37
2-Methylnaphthalene
Concen: 43.057 ng
RT: 12.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

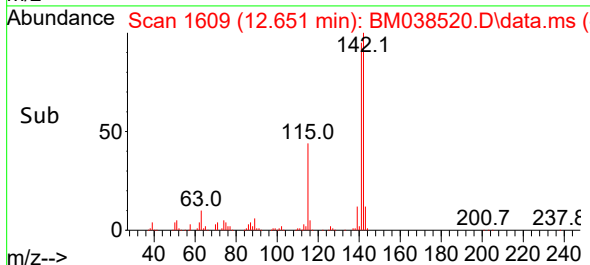
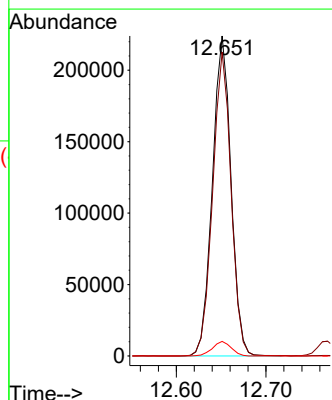
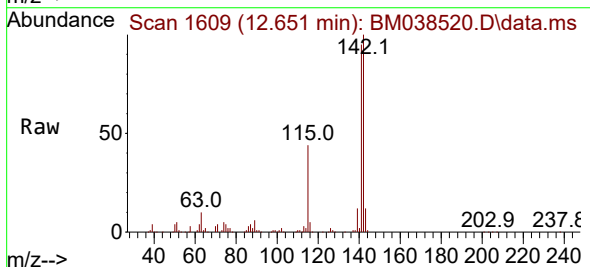
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

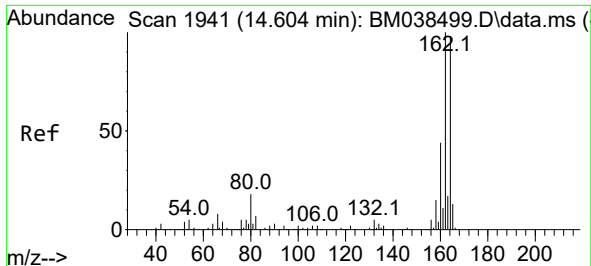
Tgt Ion:142 Resp: 343731
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1
115 40.8 30.4 45.6



#38
1-Methylnaphthalene
Concen: 42.855 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:142 Resp: 322656
Ion Ratio Lower Upper
142 100
141 95.0 73.4 110.0
116 4.6 3.3 4.9

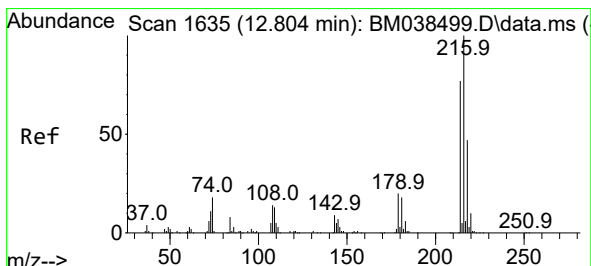
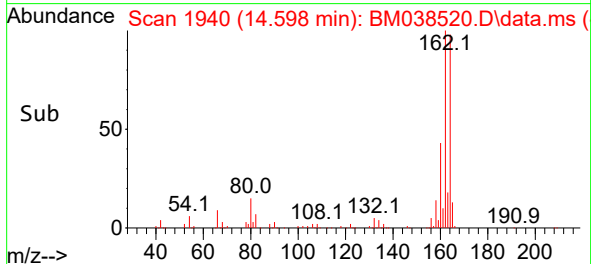
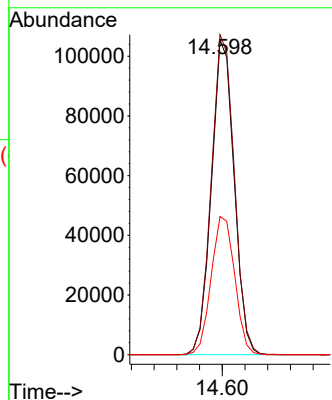
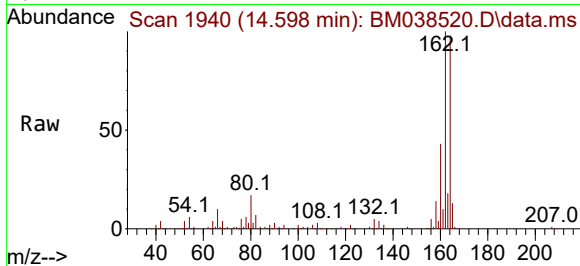




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

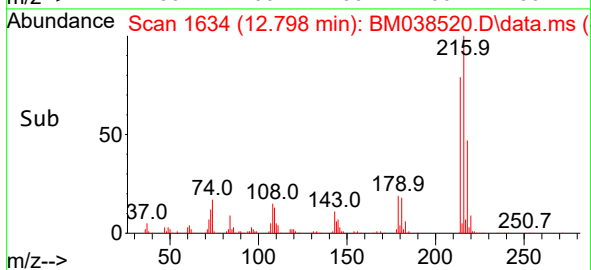
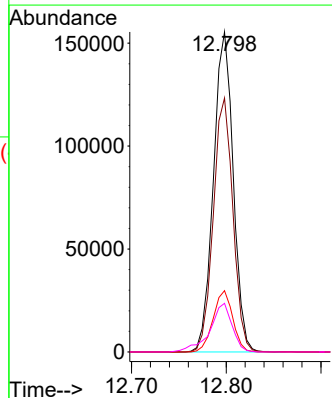
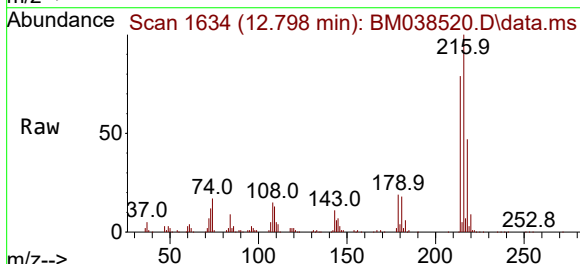
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

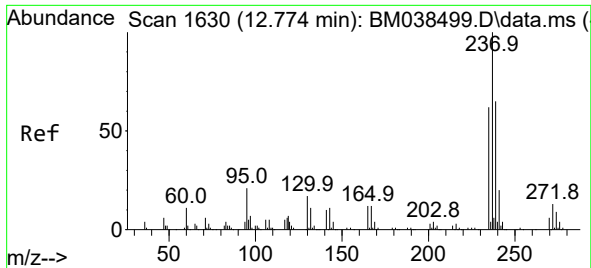
Tgt Ion:164 Resp: 146208
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 43.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.981 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:216 Resp: 225388
Ion Ratio Lower Upper
216 100
214 78.5 61.4 92.0
179 18.9 15.7 23.5
108 17.1 14.0 21.0

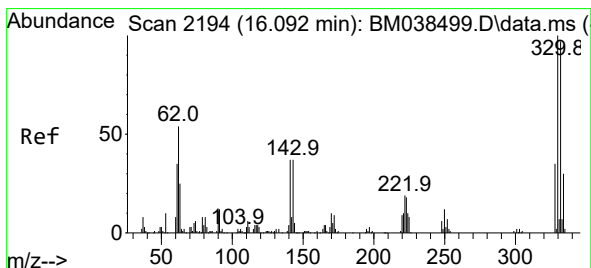
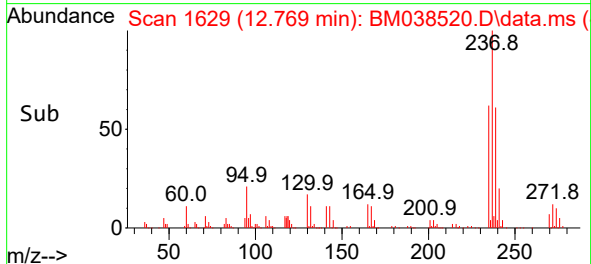
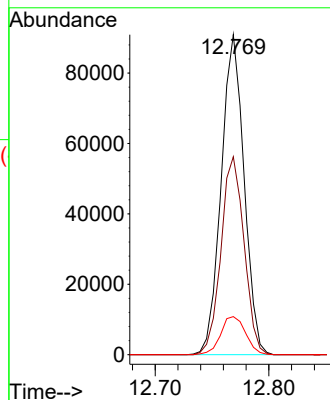
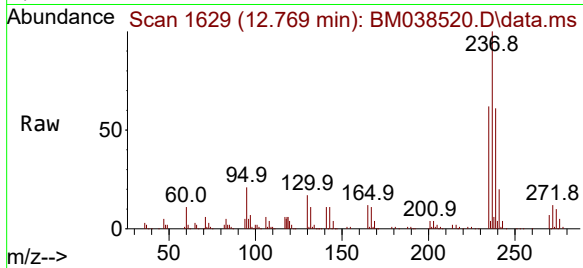




#41
Hexachlorocyclopentadiene
Concen: 42.080 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

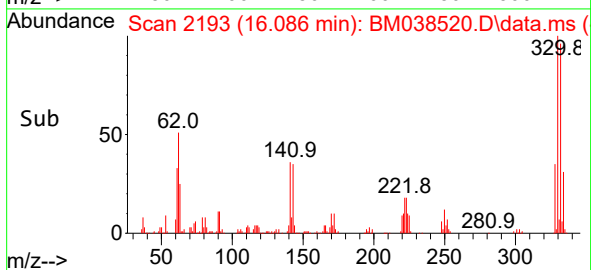
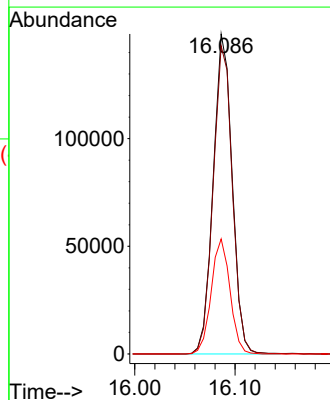
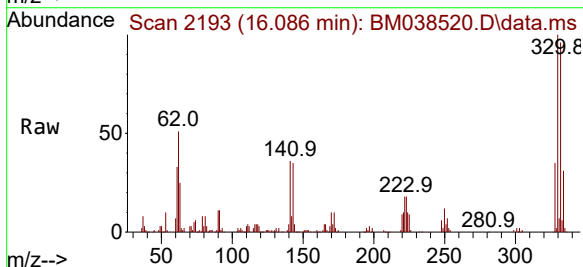
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

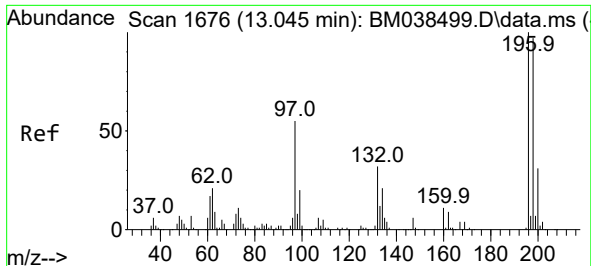
Tgt Ion:237 Resp: 127200
Ion Ratio Lower Upper
237 100
235 61.9 42.3 82.3
272 11.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 92.527 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:330 Resp: 194809
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 35.6 29.0 43.4

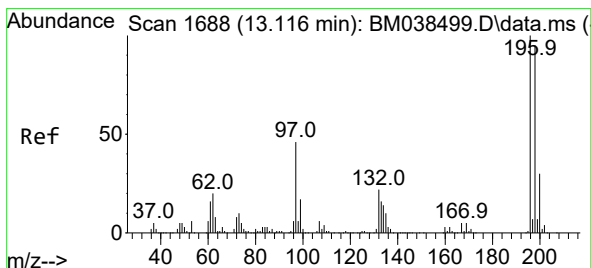
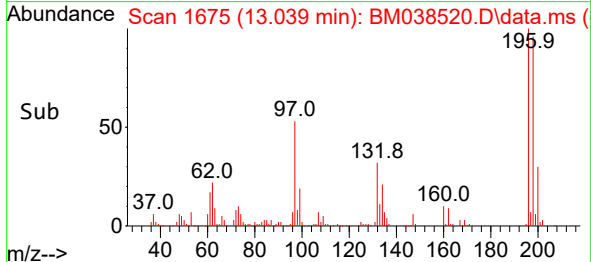
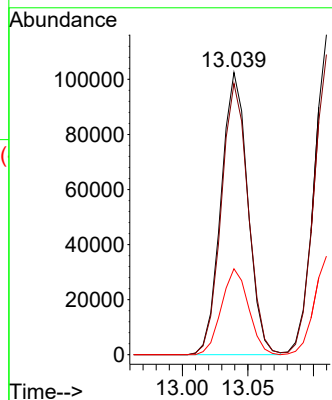
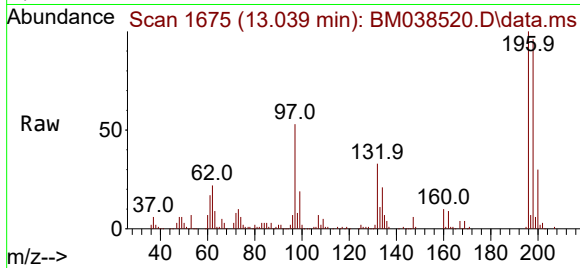




#43
2,4,6-Trichlorophenol
Concen: 41.306 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

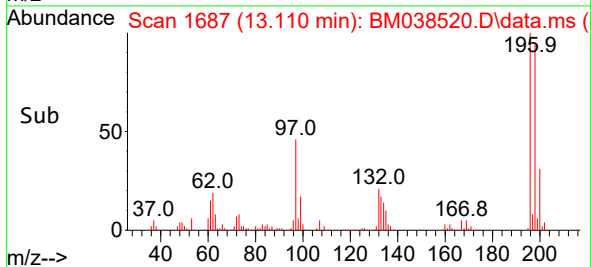
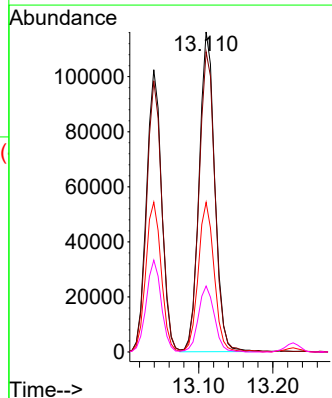
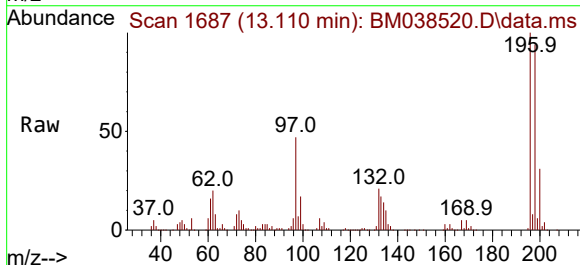
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BNA_M
ClientSampleId :
SSTDCCC040

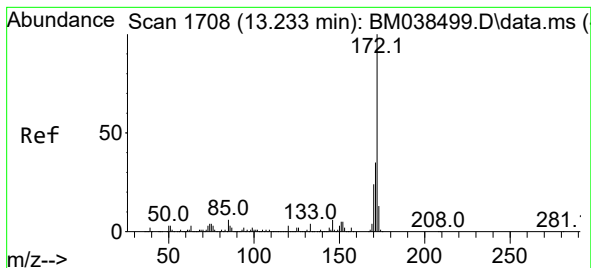
Tgt Ion:196 Resp: 145426
Ion Ratio Lower Upper
196 100
198 96.0 77.9 116.9
200 30.4 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 41.417 ng
RT: 13.110 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:196 Resp: 170785
Ion Ratio Lower Upper
196 100
198 93.8 76.0 114.0
97 46.7 36.9 55.3
132 20.6 17.4 26.2





#45

2-Fluorobiphenyl

Concen: 81.469 ng

RT: 13.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

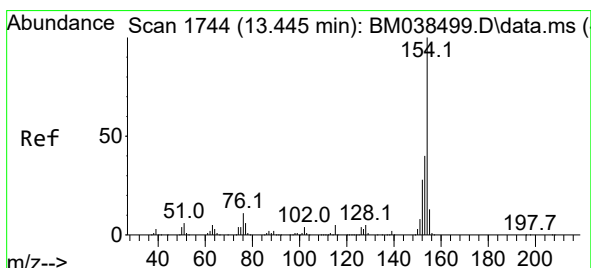
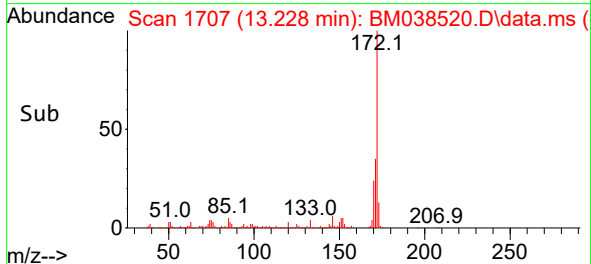
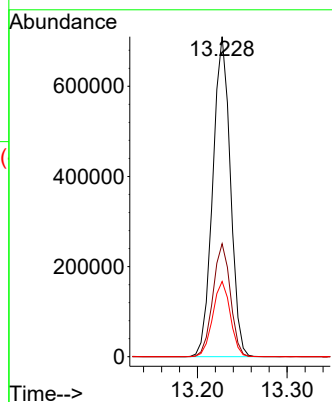
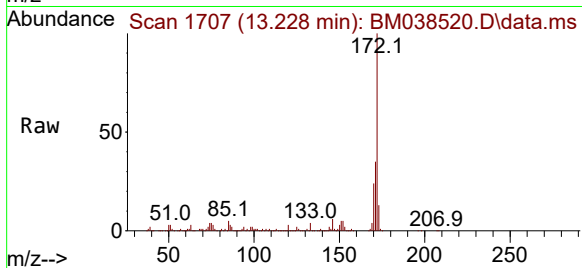
Tgt Ion:172 Resp: 966977

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.5 19.5 29.3



#46

1,1'-Biphenyl

Concen: 39.646 ng

RT: 13.439 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

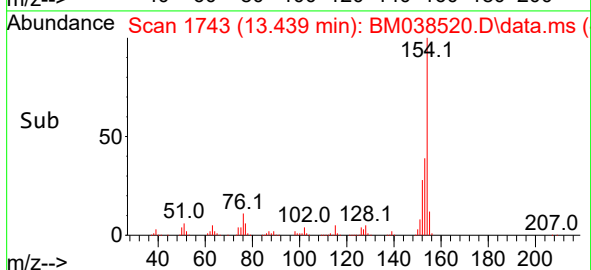
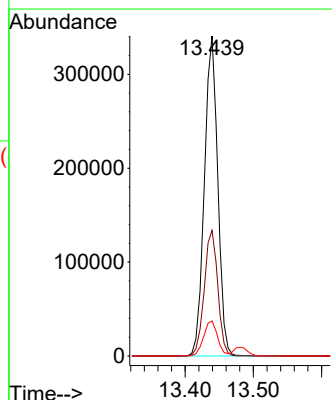
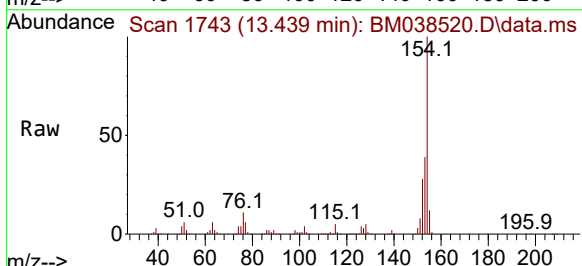
Tgt Ion:154 Resp: 464225

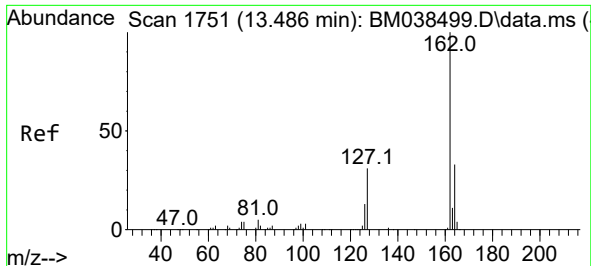
Ion Ratio Lower Upper

154 100

153 39.2 20.1 60.1

76 11.0 0.0 31.3

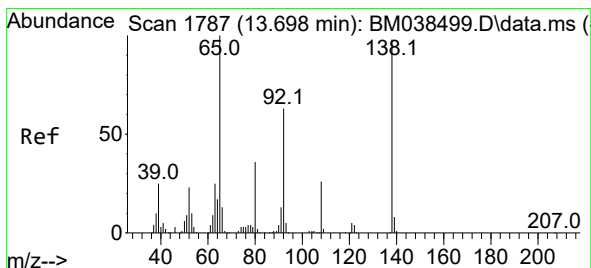
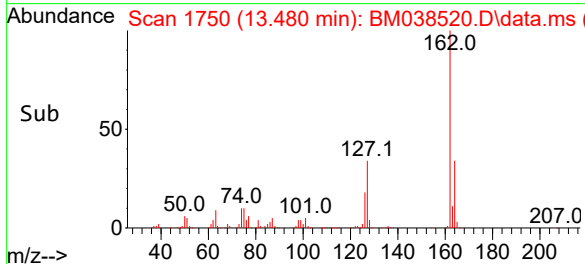
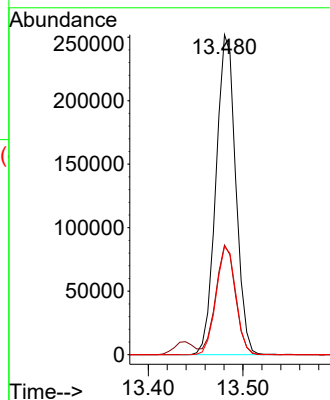
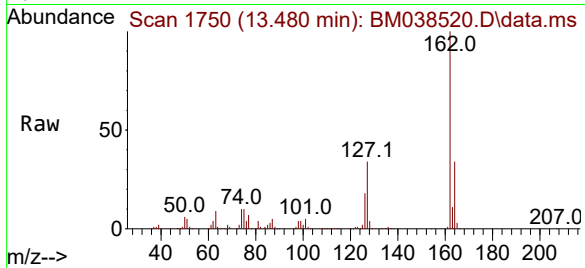




#47
2-Chloronaphthalene
Concen: 40.053 ng
RT: 13.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

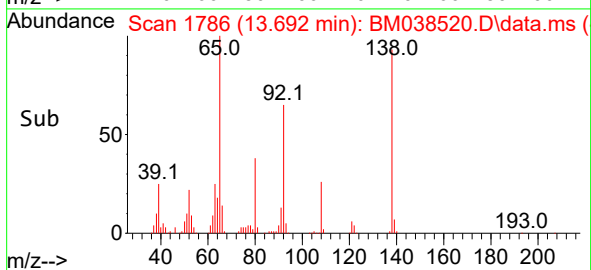
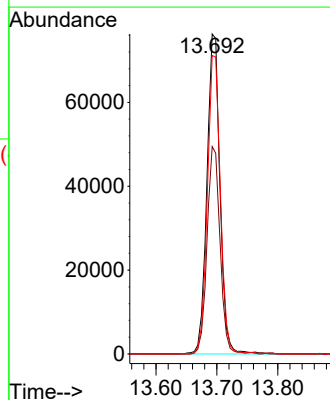
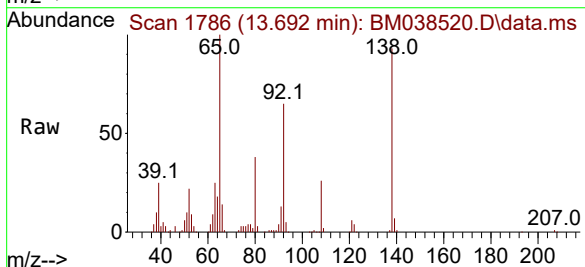
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

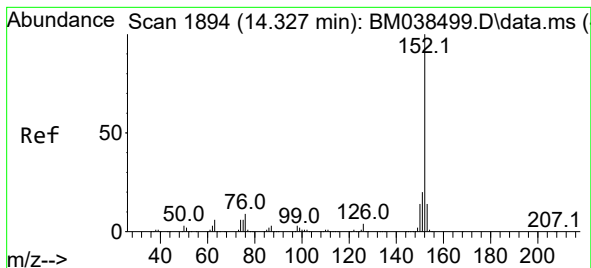
Tgt Ion:162 Resp: 366111
Ion Ratio Lower Upper
162 100
127 34.3 27.4 41.2
164 33.8 26.7 40.1



#48
2-Nitroaniline
Concen: 42.351 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion: 65 Resp: 113685
Ion Ratio Lower Upper
65 100
92 64.8 50.0 75.0
138 93.2 78.2 117.2





#49

Acenaphthylene

Concen: 40.848 ng

RT: 14.327 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

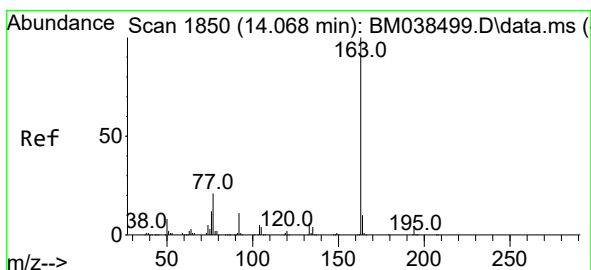
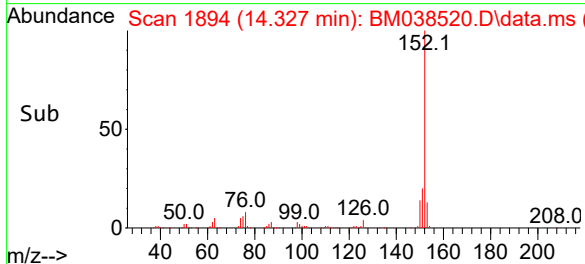
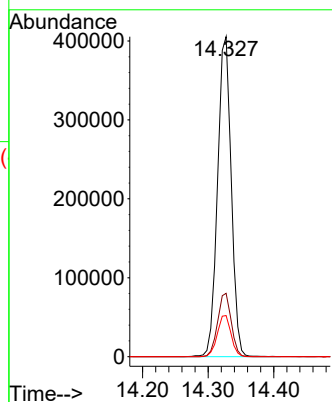
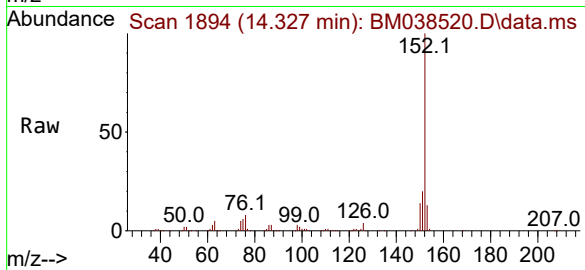
Tgt Ion:152 Resp: 584155

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 12.9 10.8 16.2



#50

Dimethylphthalate

Concen: 41.177 ng

RT: 14.063 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

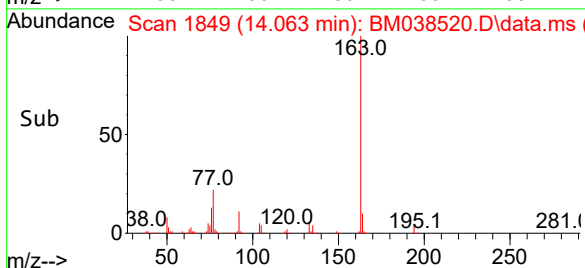
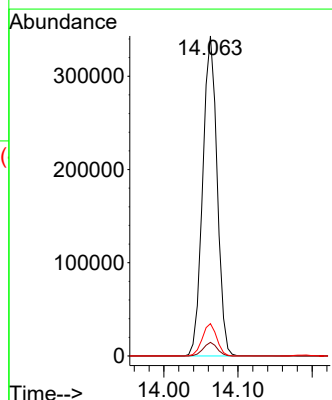
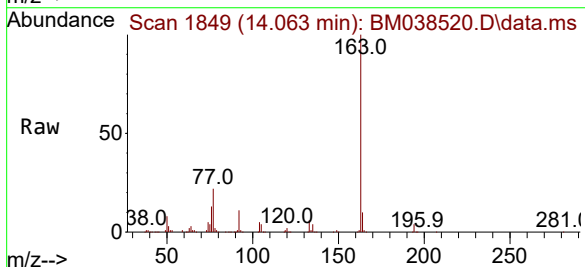
Tgt Ion:163 Resp: 463439

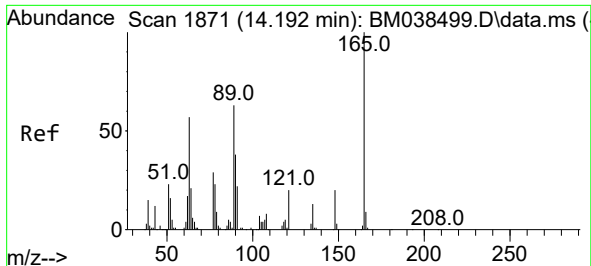
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.0 12.0

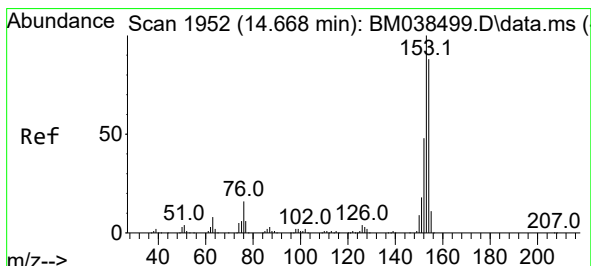
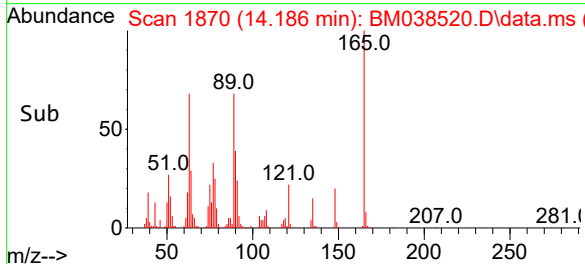
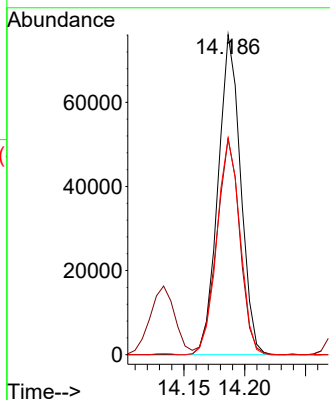
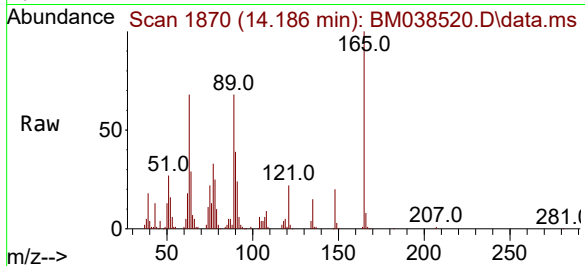




#51
2,6-Dinitrotoluene
Concen: 41.400 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

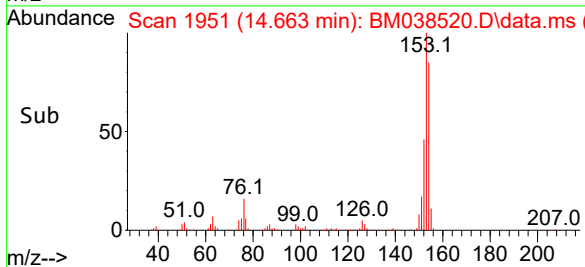
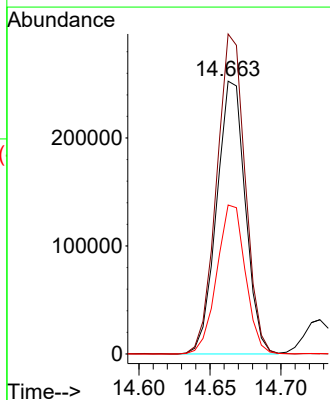
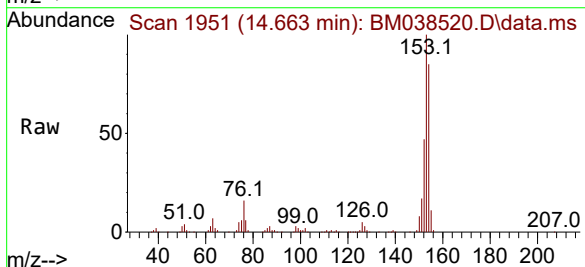
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

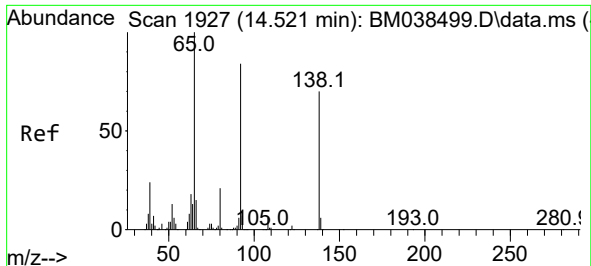
Tgt Ion:165 Resp: 98059
Ion Ratio Lower Upper
165 100
63 67.5 51.0 76.4
89 67.7 50.2 75.4



#52
Acenaphthene
Concen: 40.736 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:154 Resp: 355291
Ion Ratio Lower Upper
154 100
153 117.3 90.7 136.1
152 54.6 43.8 65.8

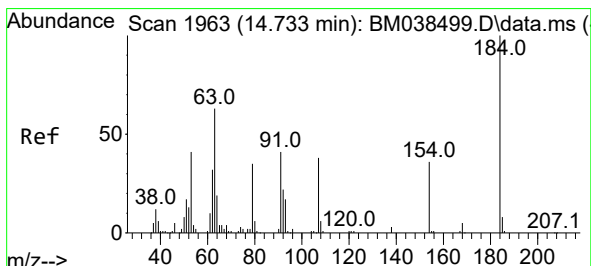
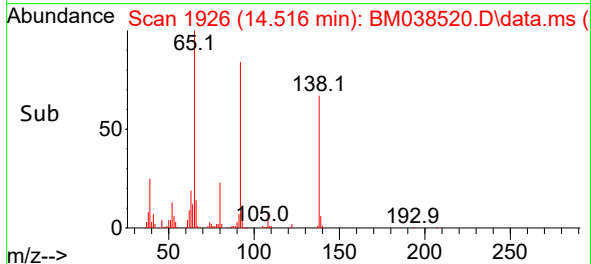
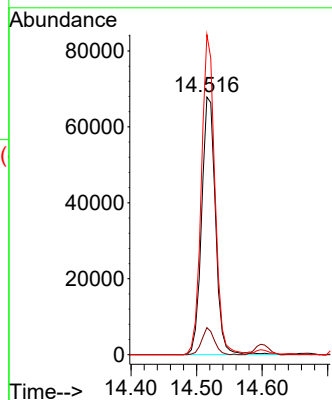
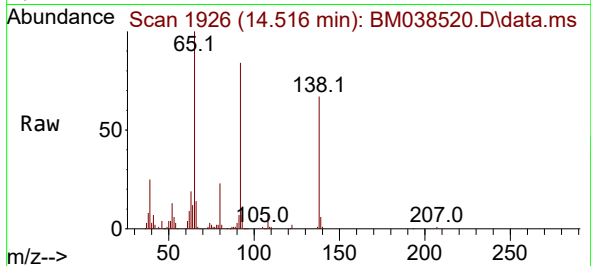




#53
3-Nitroaniline
Concen: 42.456 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

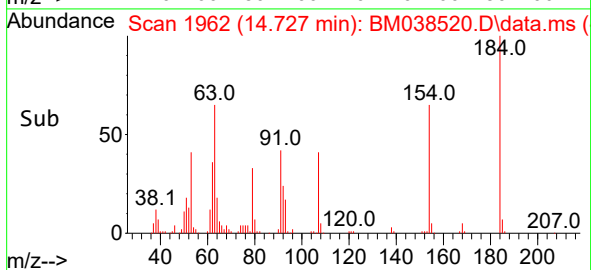
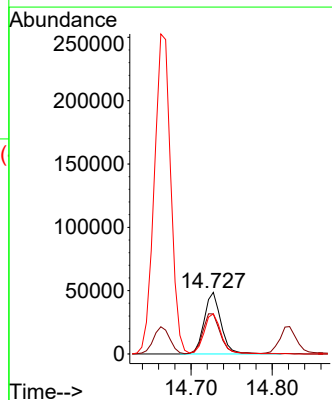
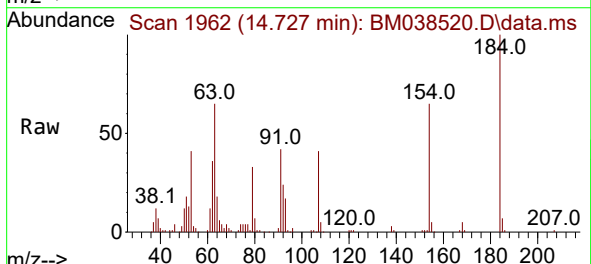
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

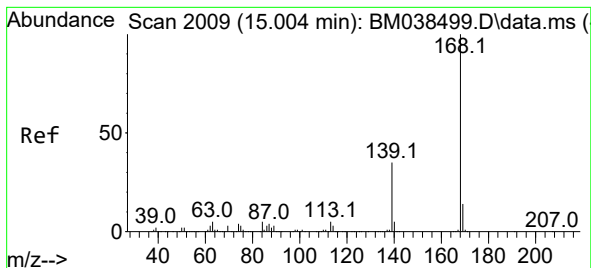
Tgt Ion:138 Resp: 99930
Ion Ratio Lower Upper
138 100
108 10.5 7.0 10.4#
92 124.2 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 40.163 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:184 Resp: 69721
Ion Ratio Lower Upper
184 100
63 65.1 52.2 78.4
154 65.3 48.9 73.3





#55

Dibenzenofuran

Concen: 41.860 ng

RT: 14.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

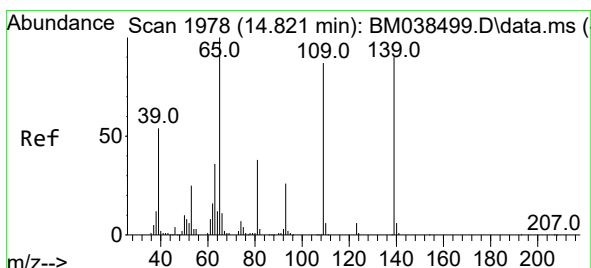
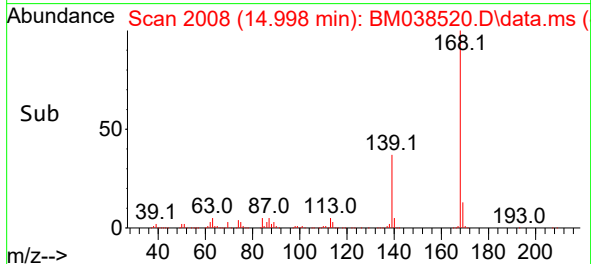
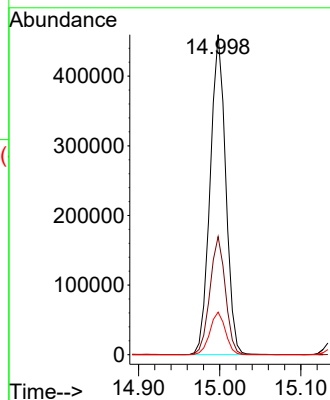
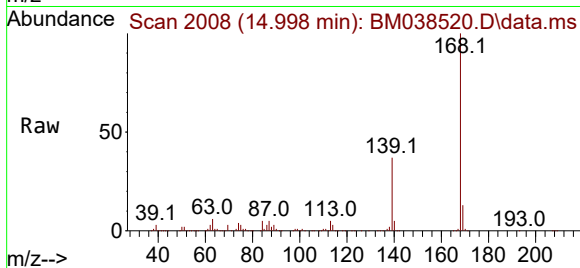
Tgt Ion:168 Resp: 610389

Ion Ratio Lower Upper

168 100

139 36.9 27.9 41.9

169 13.3 11.0 16.6



#56

4-Nitrophenol

Concen: 42.563 ng

RT: 14.822 min Scan# 1978

Delta R.T. 0.001 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

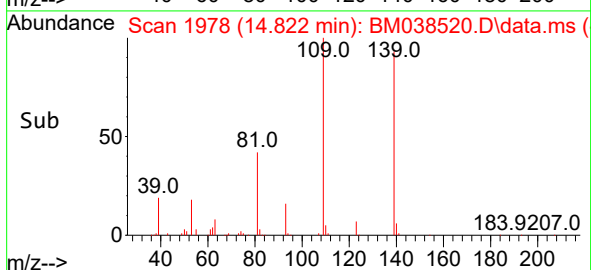
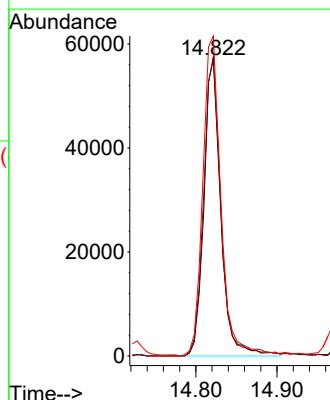
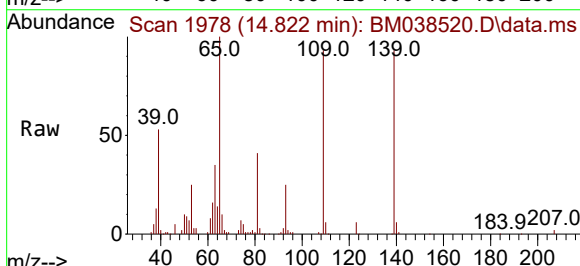
Tgt Ion:139 Resp: 82502

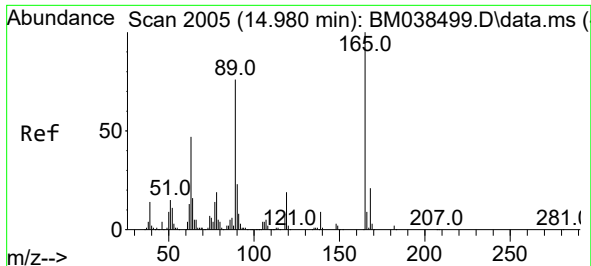
Ion Ratio Lower Upper

139 100

109 99.2 76.8 116.8

65 107.1 91.7 131.7





#57

2,4-Dinitrotoluene

Concen: 43.525 ng

RT: 14.974 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 139746

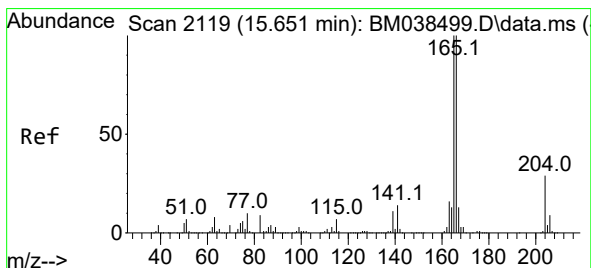
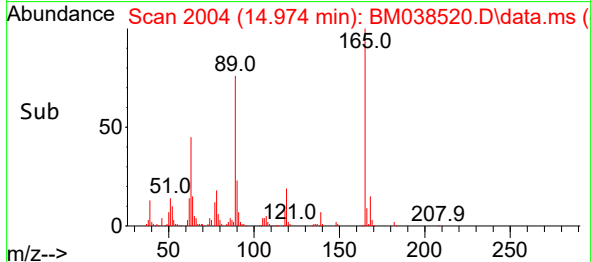
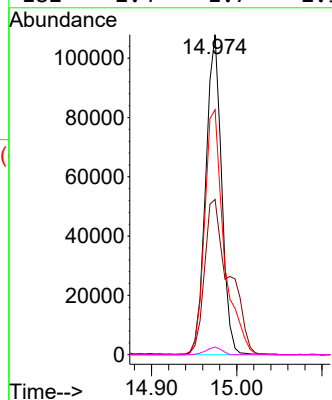
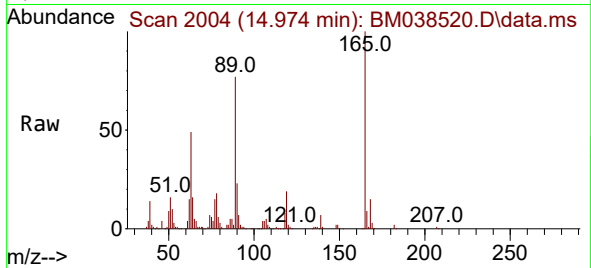
Ion Ratio Lower Upper

165 100

63 48.5 37.8 56.8

89 76.5 60.9 91.3

182 2.4 1.7 2.5



#58

Fluorene

Concen: 43.075 ng

RT: 15.645 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

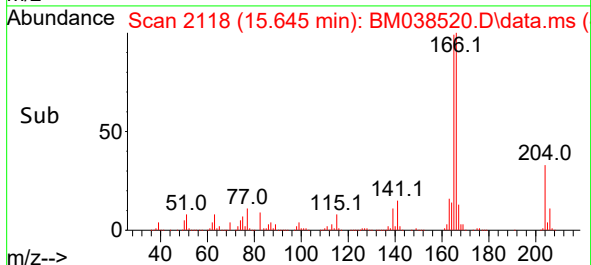
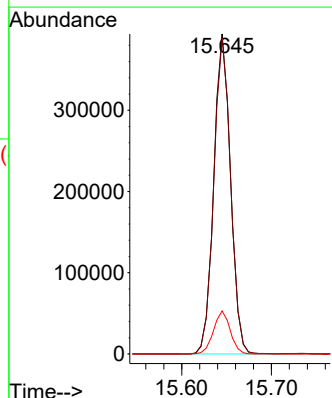
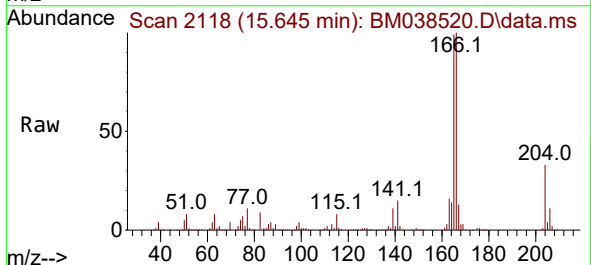
Tgt Ion:166 Resp: 509336

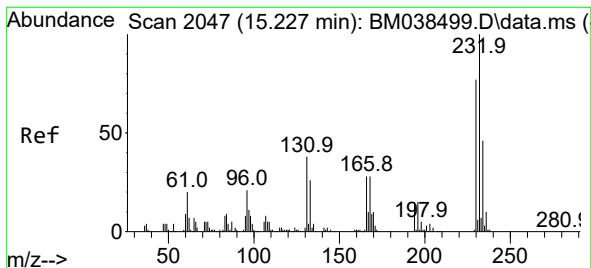
Ion Ratio Lower Upper

166 100

165 98.7 79.6 119.4

167 13.4 10.5 15.7

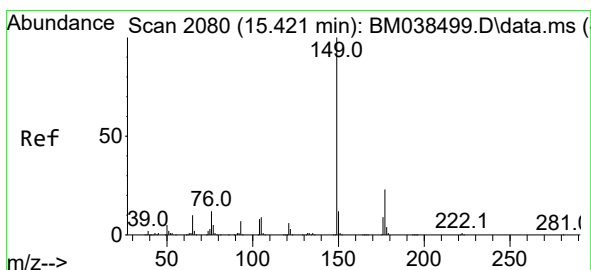
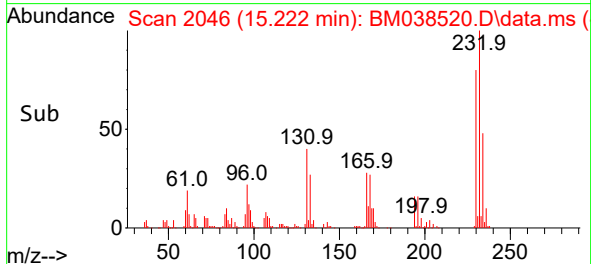
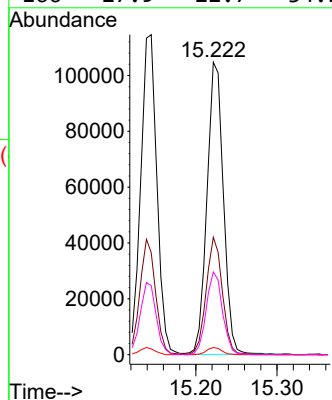
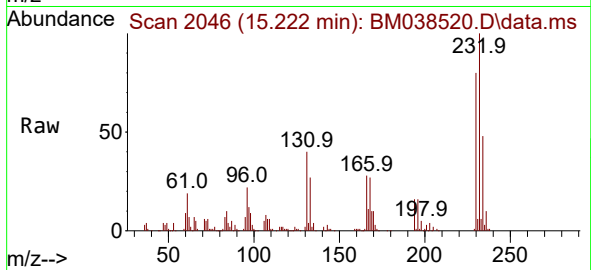




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.474 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

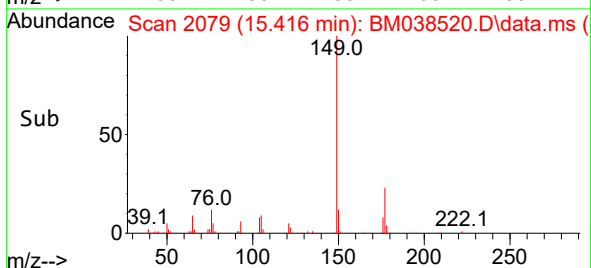
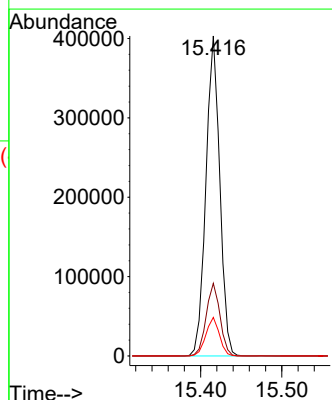
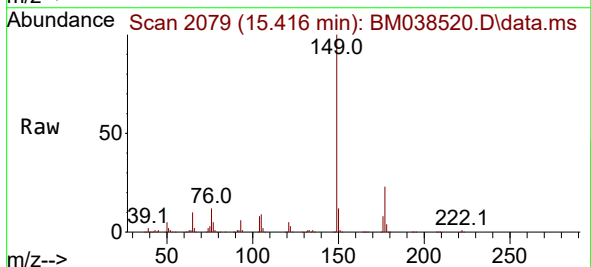
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

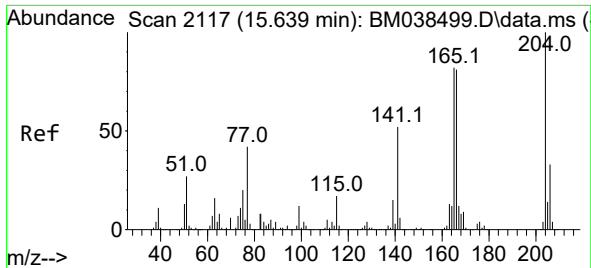
Tgt Ion:232 Resp: 146532
Ion Ratio Lower Upper
232 100
131 39.6 31.0 46.4
130 2.3 1.8 2.6
166 27.9 22.7 34.1



#60
Diethylphthalate
Concen: 43.205 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:149 Resp: 476198
Ion Ratio Lower Upper
149 100
177 22.7 18.6 27.8
150 12.1 9.5 14.3

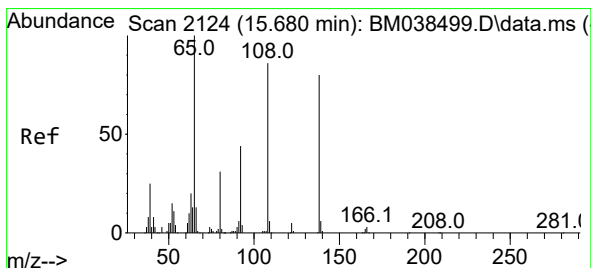
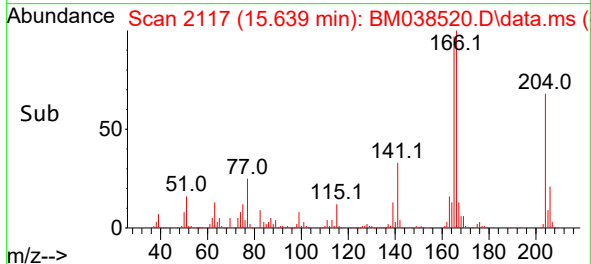
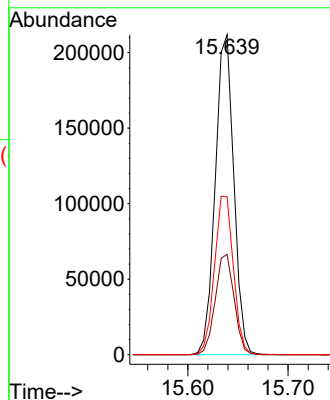
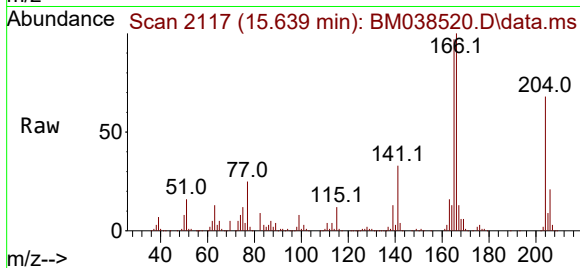




#61
4-Chlorophenyl-phenylether
Concen: 43.822 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

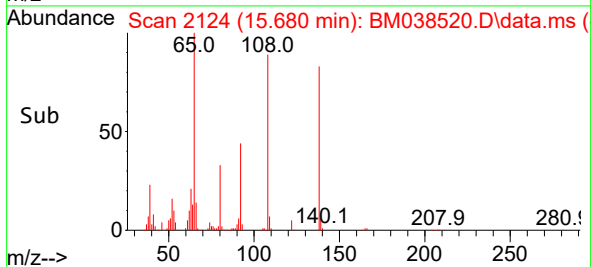
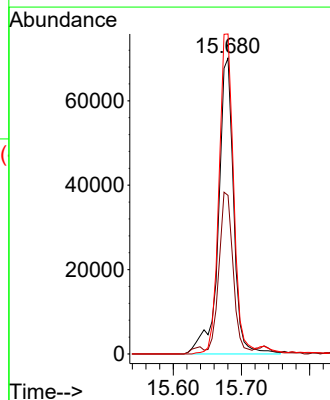
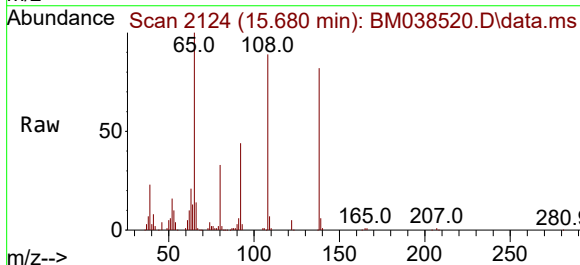
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

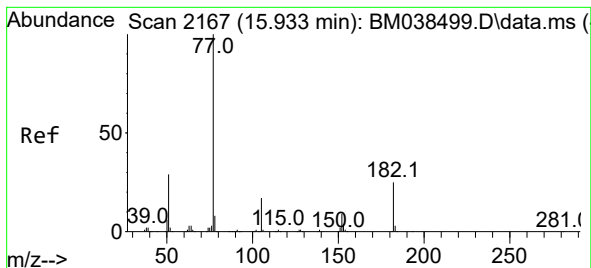
Tgt Ion:204 Resp: 272047
Ion Ratio Lower Upper
204 100
206 31.4 26.2 39.4
141 49.4 41.5 62.3



#62
4-Nitroaniline
Concen: 40.711 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:138 Resp: 109043
Ion Ratio Lower Upper
138 100
92 53.6 35.2 75.2
108 108.2 87.3 127.3





#63

Azobenzene

Concen: 42.914 ng

RT: 15.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 501134

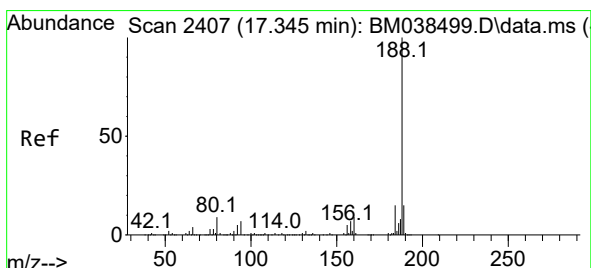
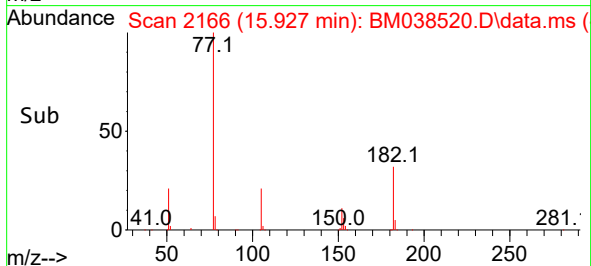
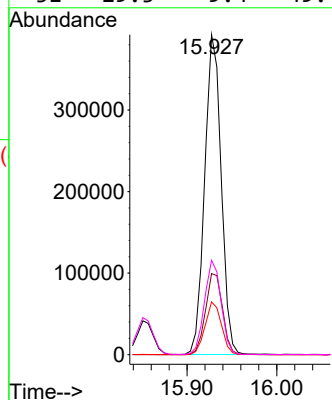
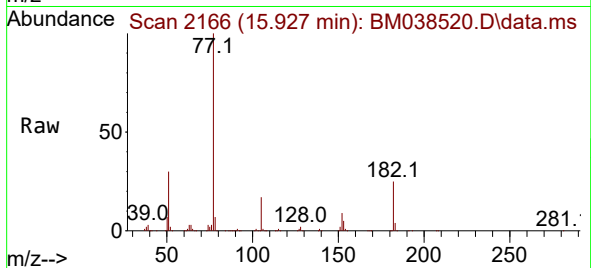
Ion Ratio Lower Upper

77 100

182 25.3 4.7 44.7

105 16.5 0.0 36.7

51 29.5 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: BM038520.D

Acq: 24 Jan 2023 10:25

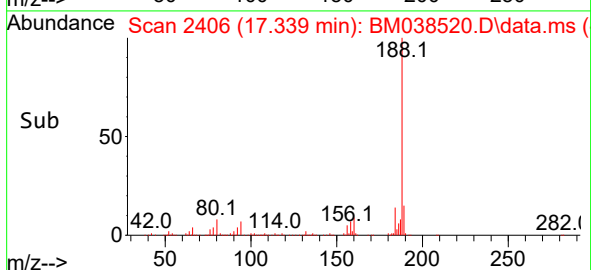
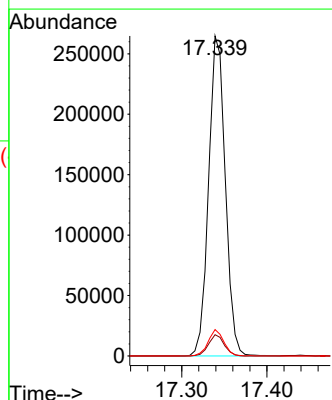
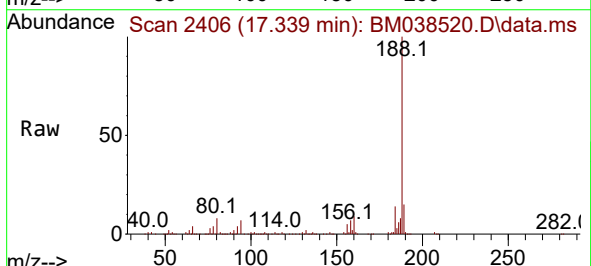
Tgt Ion:188 Resp: 360451

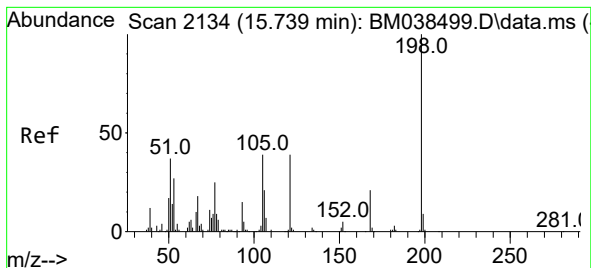
Ion Ratio Lower Upper

188 100

94 6.6 6.0 9.0

80 8.2 6.9 10.3

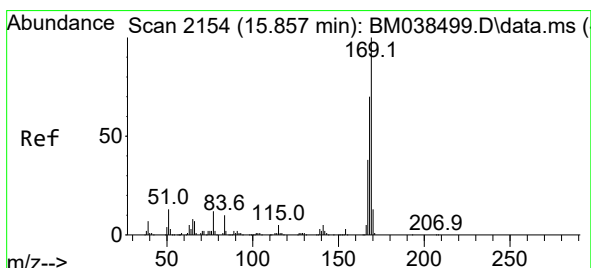
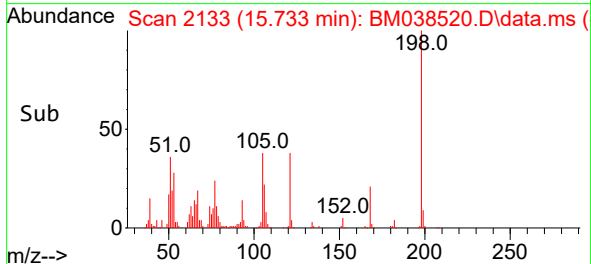
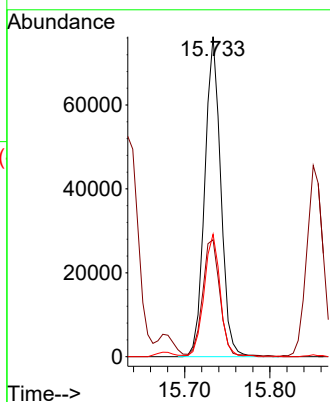
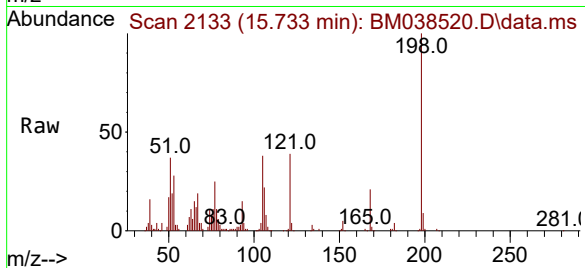




#65
4,6-Dinitro-2-methylphenol
Concen: 42.469 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

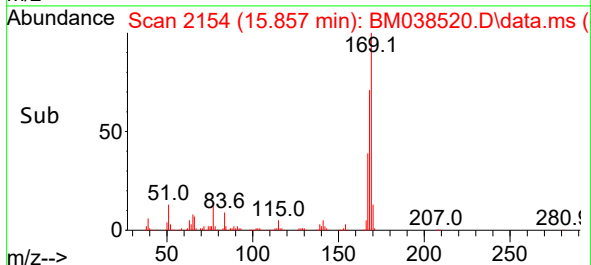
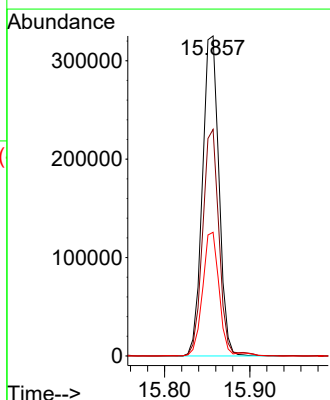
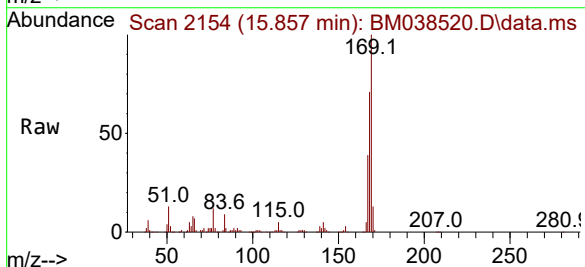
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

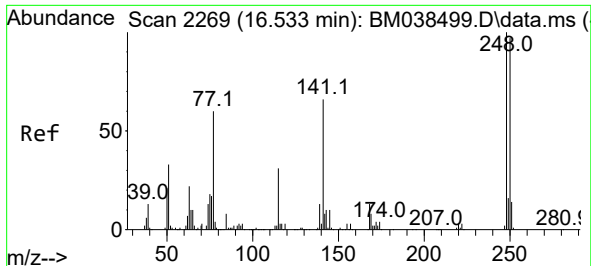
Tgt Ion:198 Resp: 99364
Ion Ratio Lower Upper
198 100
51 36.5 18.8 58.8
105 38.3 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 40.395 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:169 Resp: 437109
Ion Ratio Lower Upper
169 100
168 70.8 55.8 83.8
167 38.6 30.3 45.5

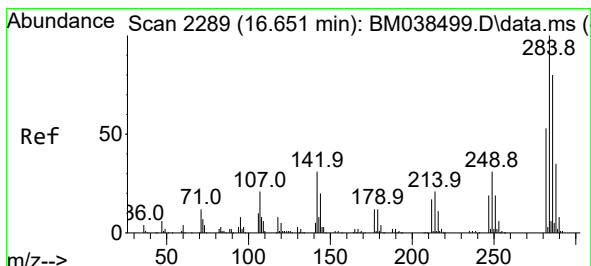
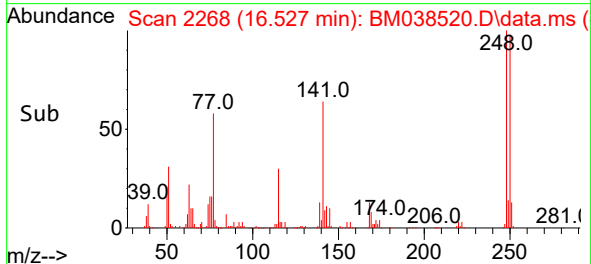
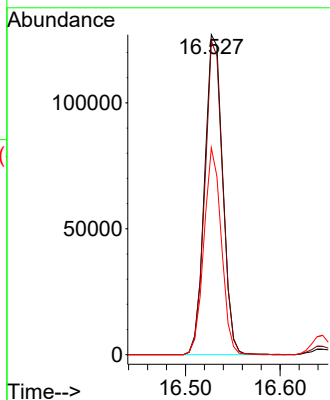
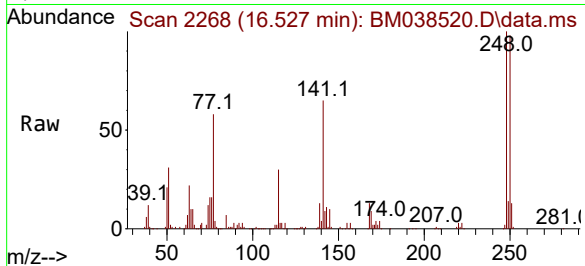




#67
4-Bromophenyl-phenylether
Concen: 41.980 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

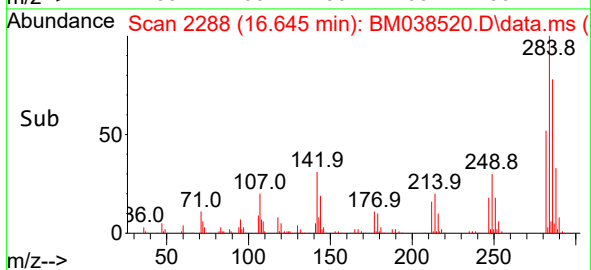
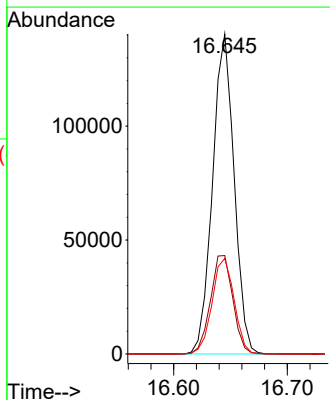
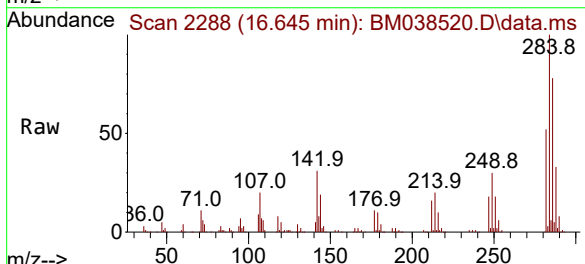
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

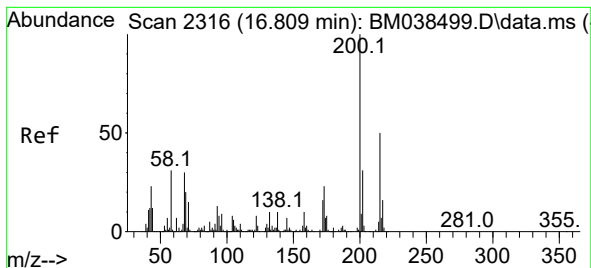
Tgt Ion:248 Resp: 167843
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 64.6 52.5 78.7



#68
Hexachlorobenzene
Concen: 42.936 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038520.D
Acq: 24 Jan 2023 10:25

Tgt Ion:284 Resp: 185241
Ion Ratio Lower Upper
284 100
142 30.7 25.2 37.8
249 29.9 24.4 36.6





#69

Atrazine

Concen: 42.971 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

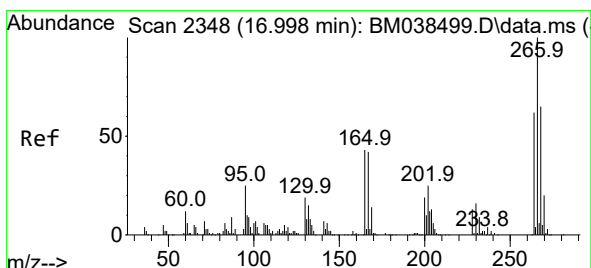
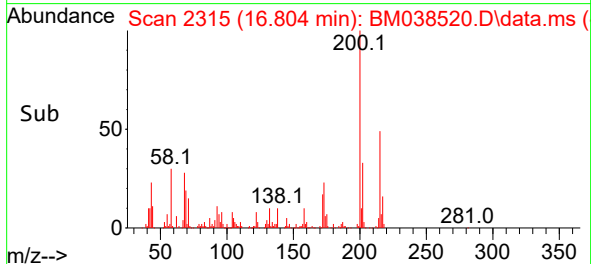
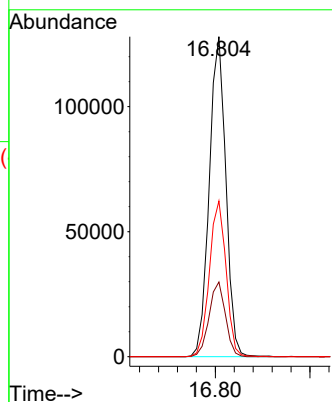
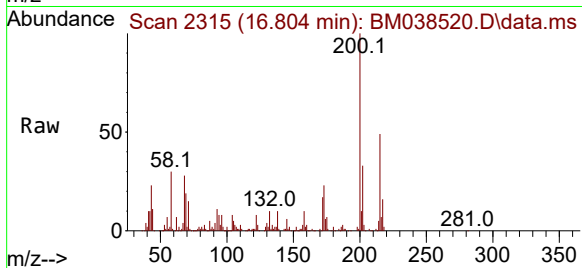
Tgt Ion:200 Resp: 155132

Ion Ratio Lower Upper

200 100

173 23.4 3.5 43.5

215 48.7 30.0 70.0



#70

Pentachlorophenol

Concen: 44.573 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

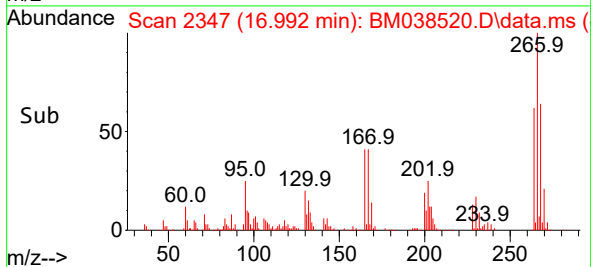
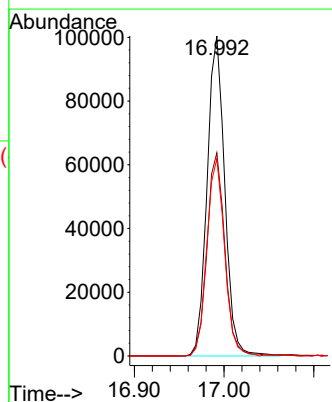
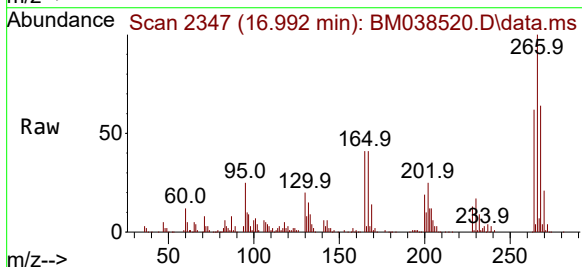
Tgt Ion:266 Resp: 136923

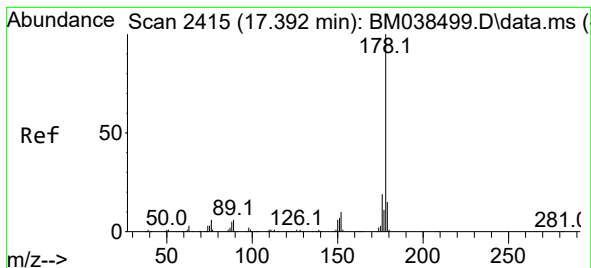
Ion Ratio Lower Upper

266 100

268 63.5 51.7 77.5

264 61.7 49.4 74.0





#71

Phenanthrene

Concen: 41.382 ng

RT: 17.386 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

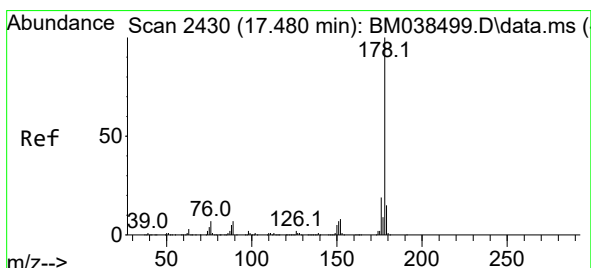
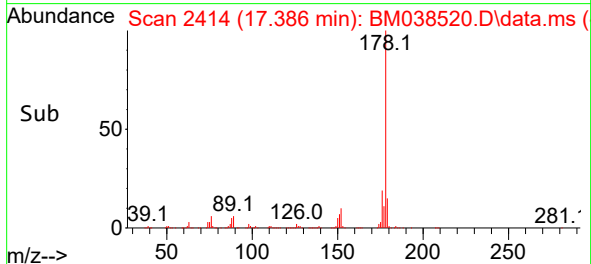
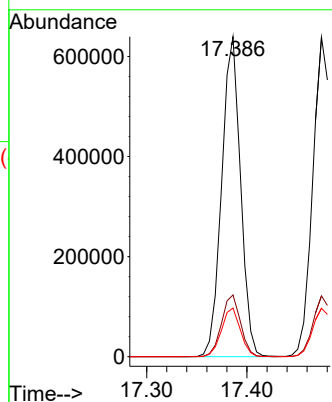
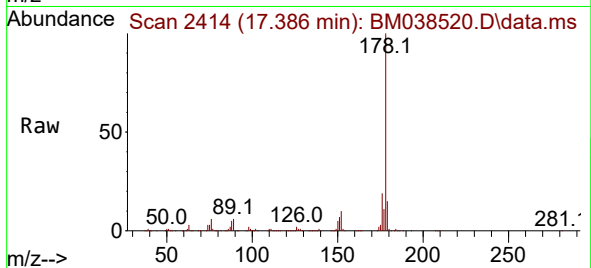
Tgt Ion:178 Resp: 832984

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 41.951 ng

RT: 17.474 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

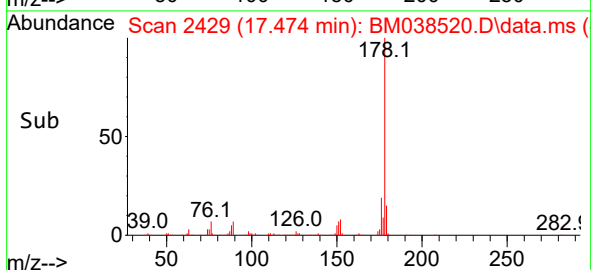
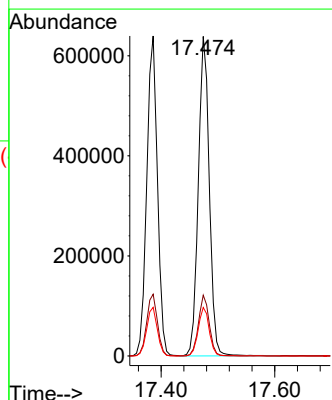
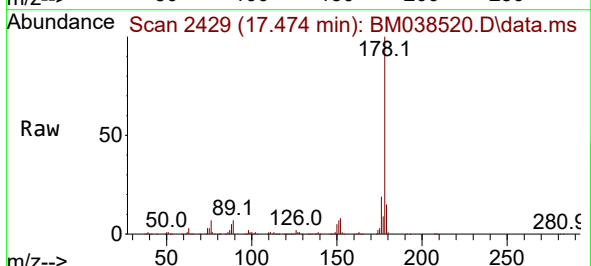
Tgt Ion:178 Resp: 859262

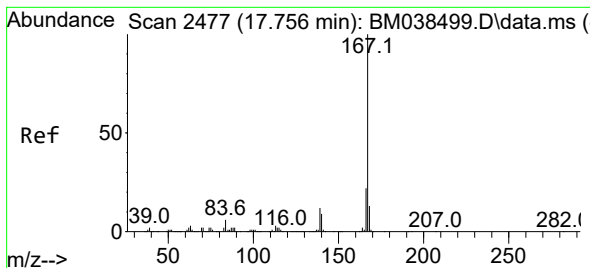
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

179 15.2 12.2 18.4





#73

Carbazole

Concen: 43.037 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

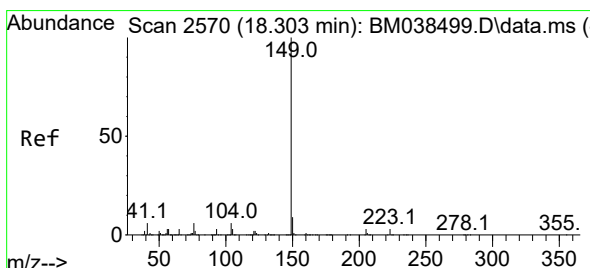
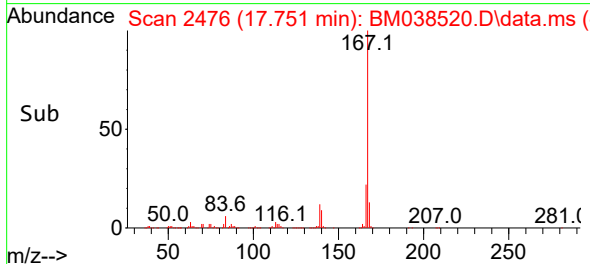
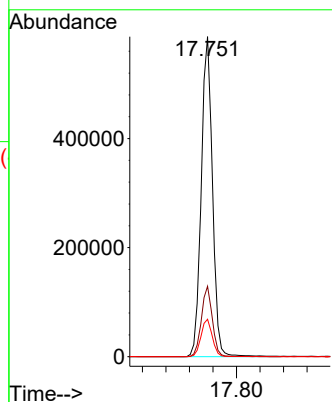
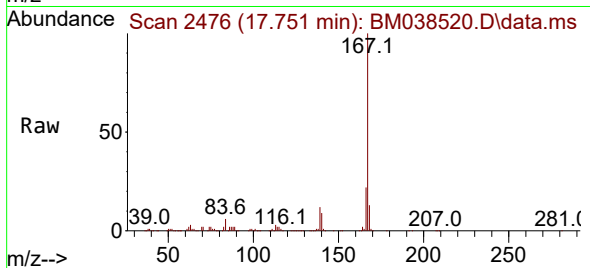
Tgt Ion:167 Resp: 776297

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 11.7 9.4 14.0



#74

Di-n-butylphthalate

Concen: 42.288 ng

RT: 18.298 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

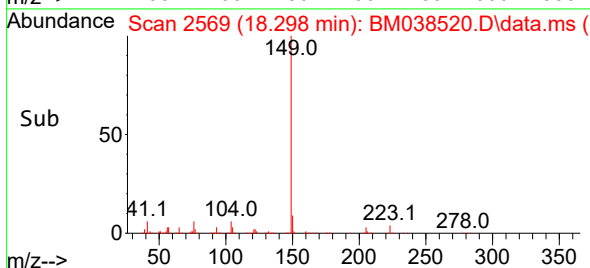
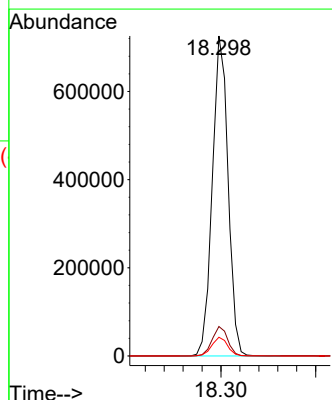
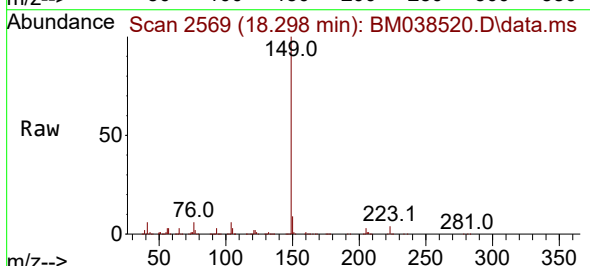
Tgt Ion:149 Resp: 838020

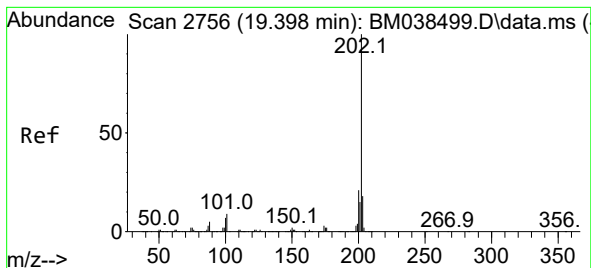
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.9 4.6 6.8





#75

Fluoranthene

Concen: 43.813 ng

RT: 19.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

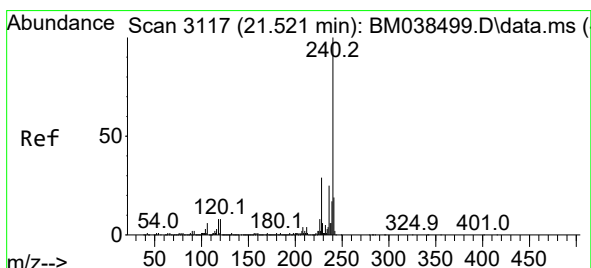
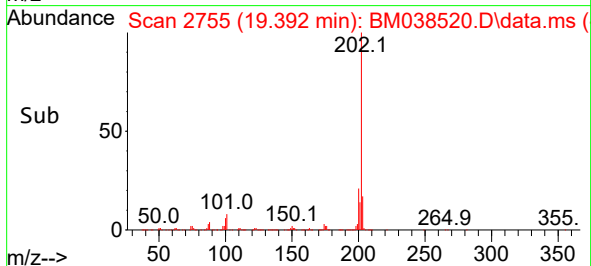
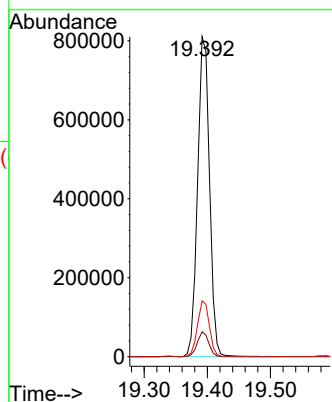
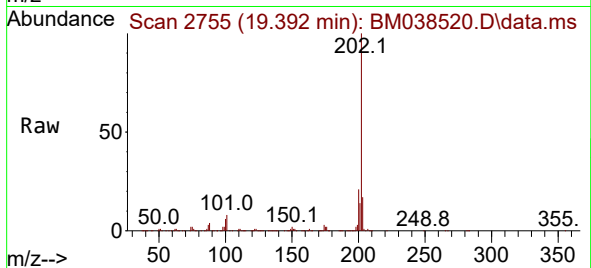
Tgt Ion:202 Resp: 1059939

Ion Ratio Lower Upper

202 100

101 7.8 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: BM038520.D

Acq: 24 Jan 2023 10:25

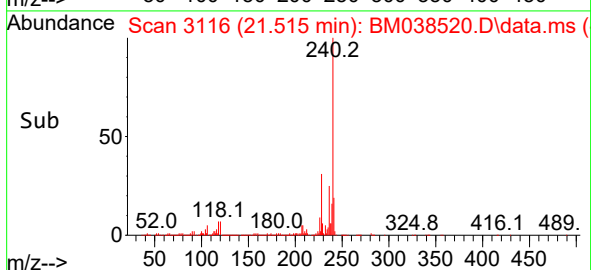
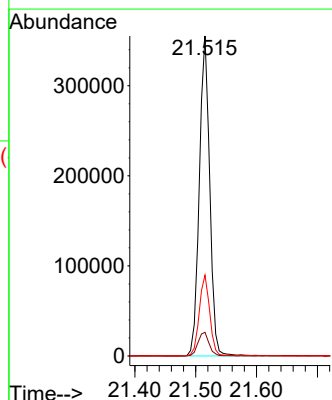
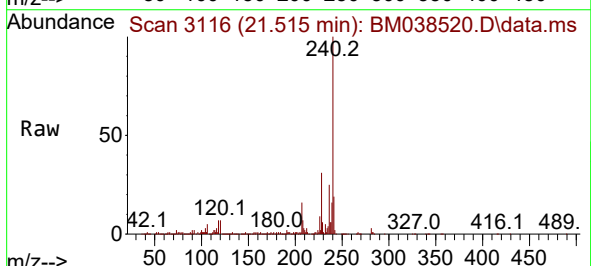
Tgt Ion:240 Resp: 422107

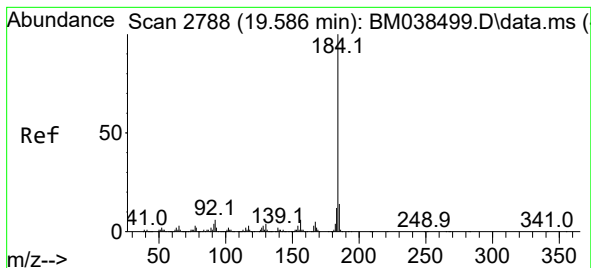
Ion Ratio Lower Upper

240 100

120 7.4 6.2 9.2

236 25.3 20.2 30.2





#77

Benzidine

Concen: 42.782 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

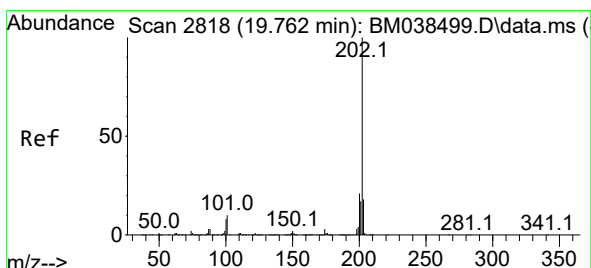
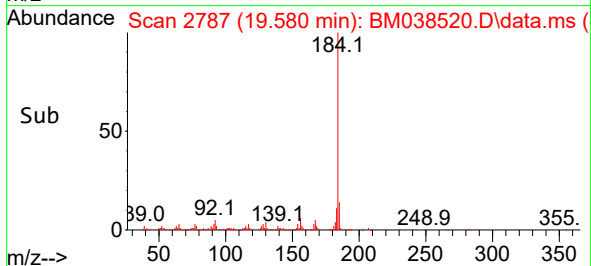
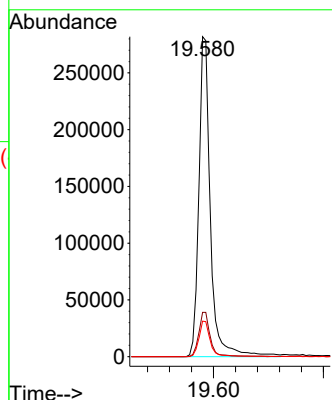
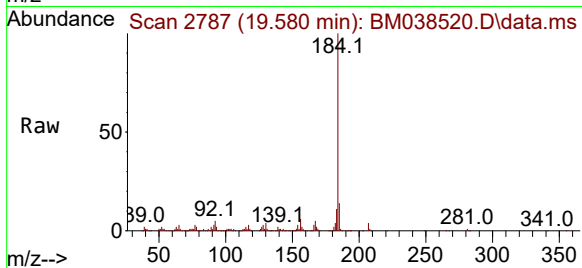
Tgt Ion:184 Resp: 411515

Ion Ratio Lower Upper

184 100

185 13.8 10.9 16.3

183 11.1 9.3 13.9



#78

Pyrene

Concen: 39.399 ng

RT: 19.756 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

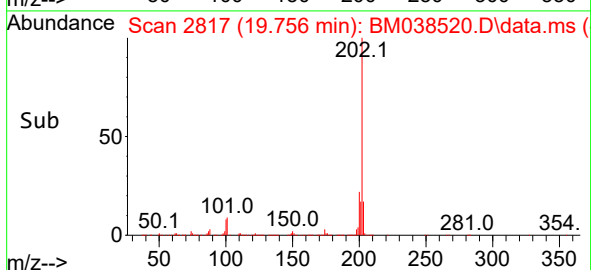
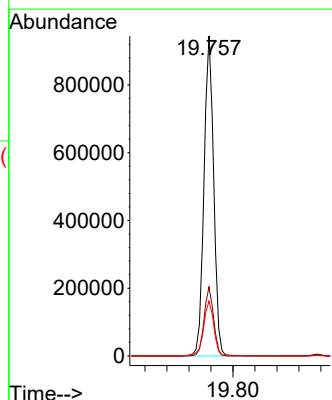
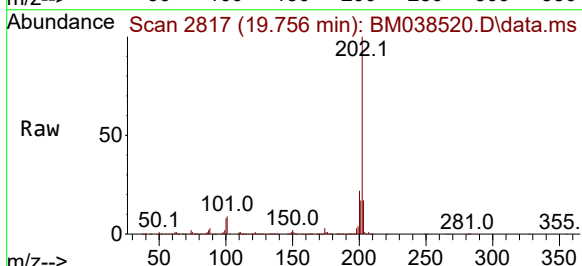
Tgt Ion:202 Resp: 1158008

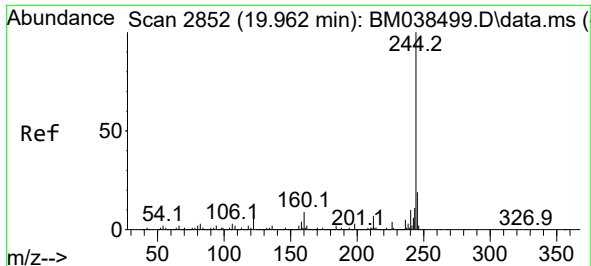
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.2 14.2 21.2

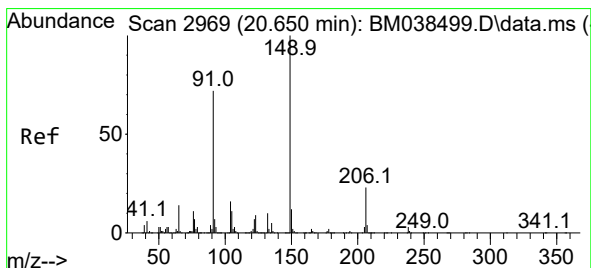
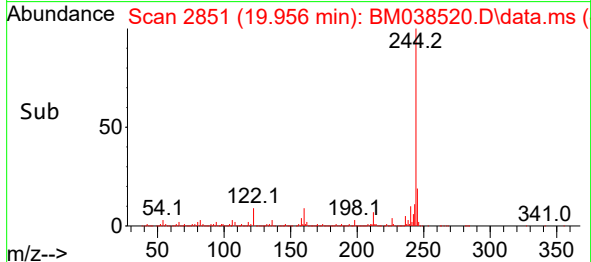
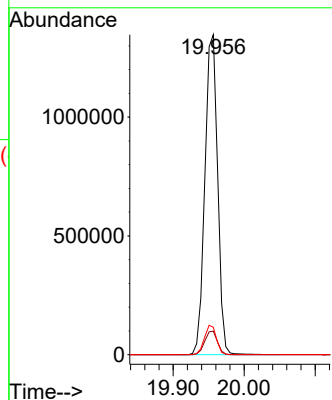
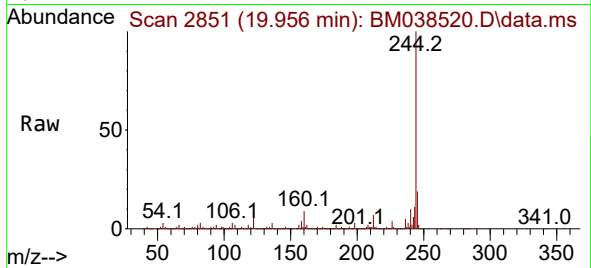




#79
 Terphenyl-d14
 Concen: 77.701 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038520.D
 Acq: 24 Jan 2023 10:25

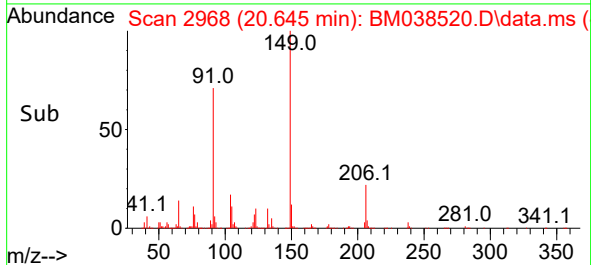
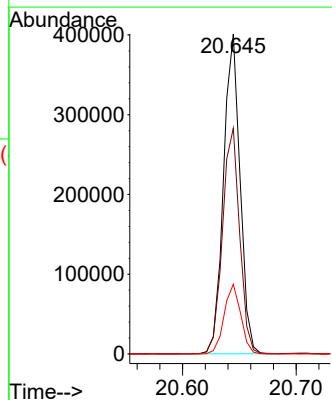
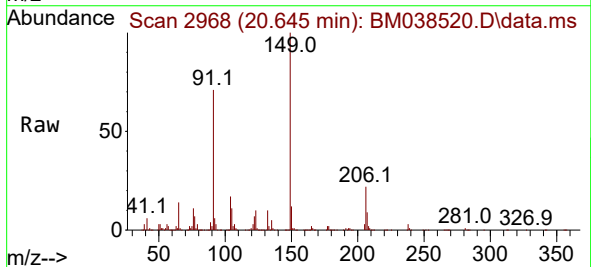
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

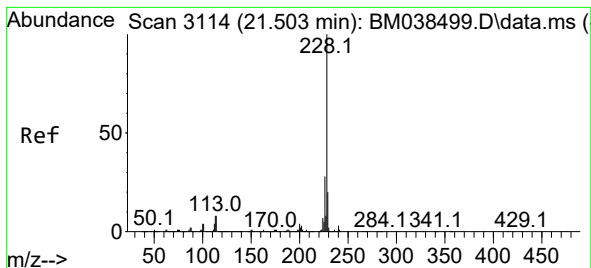
Tgt Ion:244 Resp: 1682376
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 8.5 6.7 10.1



#80
 Butylbenzylphthalate
 Concen: 39.956 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038520.D
 Acq: 24 Jan 2023 10:25

Tgt Ion:149 Resp: 406094
 Ion Ratio Lower Upper
 149 100
 91 70.6 57.5 86.3
 206 21.8 18.2 27.2





#81

Benzo(a)anthracene

Concen: 40.814 ng

RT: 21.498 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

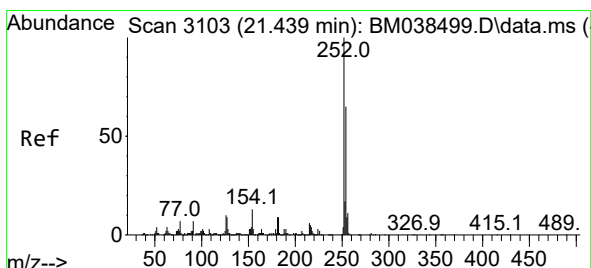
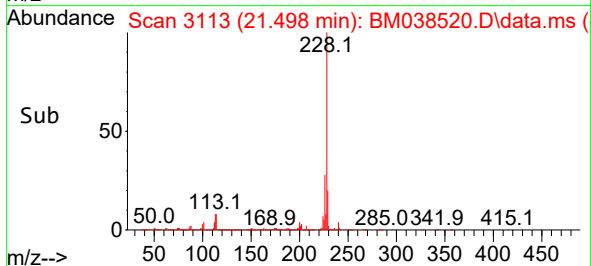
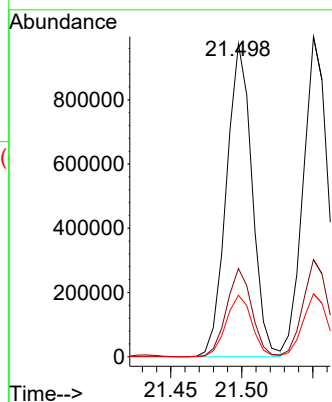
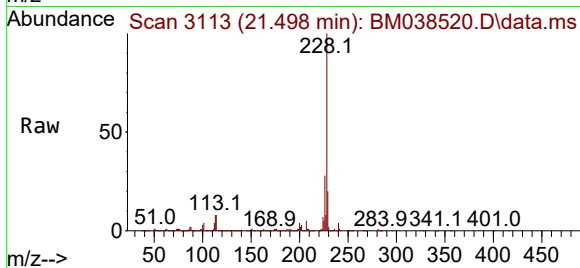
Tgt Ion:228 Resp: 1220749

Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.2

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 42.528 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

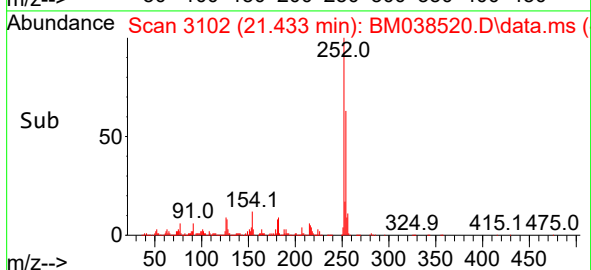
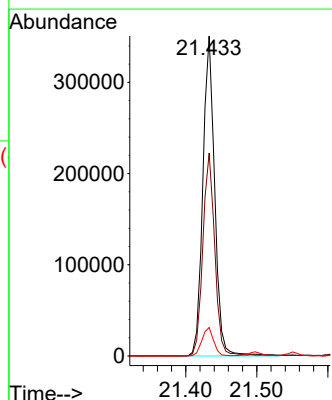
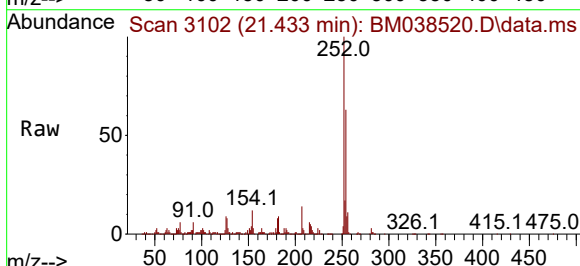
Tgt Ion:252 Resp: 408580

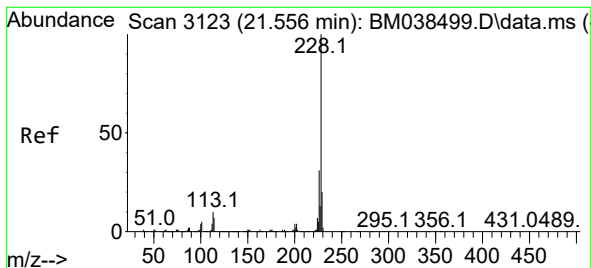
Ion Ratio Lower Upper

252 100

254 63.4 51.9 77.9

126 8.9 7.7 11.5





#83

Chrysene

Concen: 41.289 ng

RT: 21.551 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

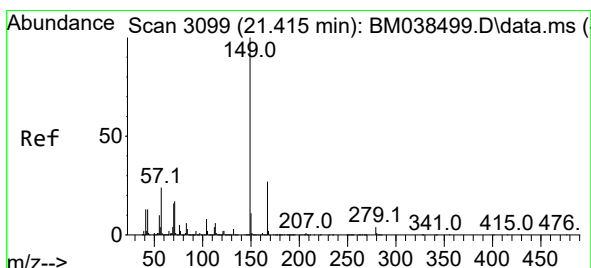
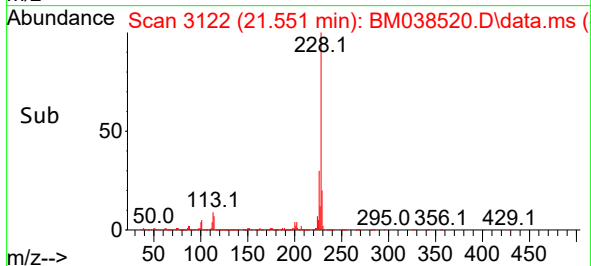
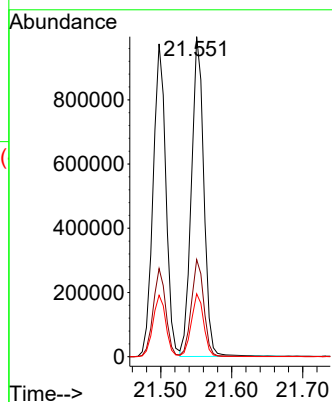
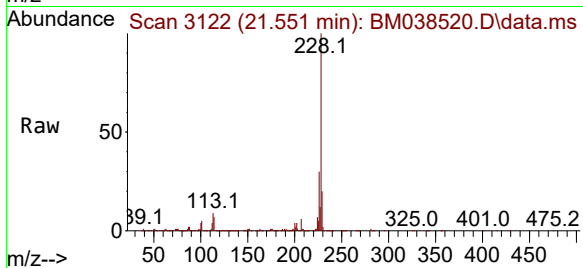
Tgt Ion:228 Resp: 1207702

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.320 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

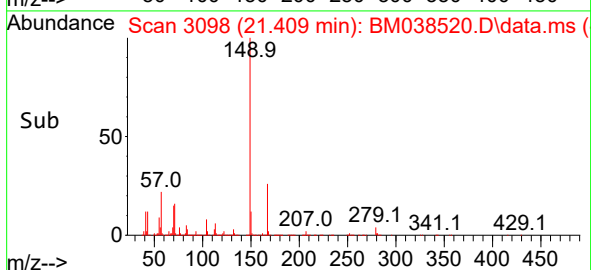
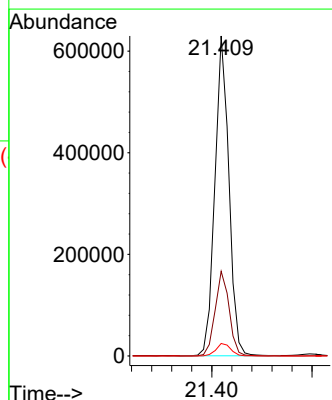
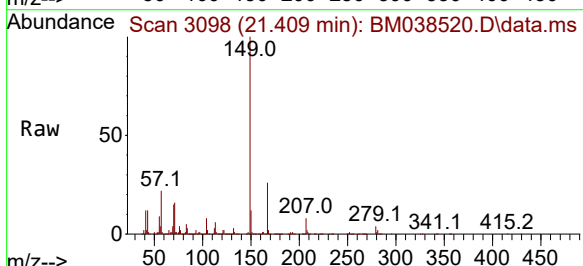
Tgt Ion:149 Resp: 608611

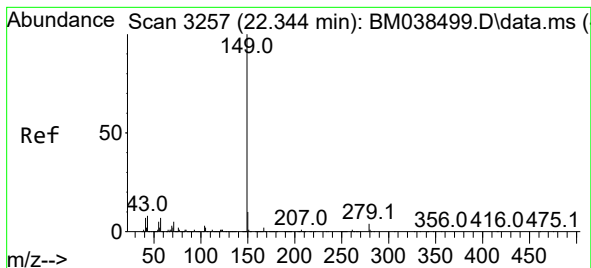
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 41.163 ng

RT: 22.333 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

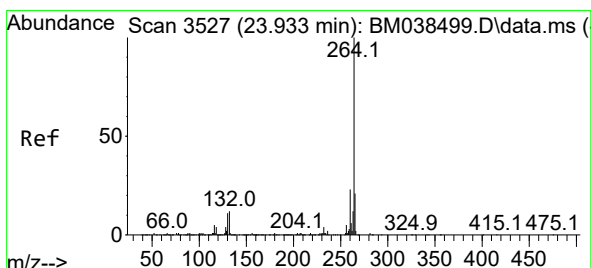
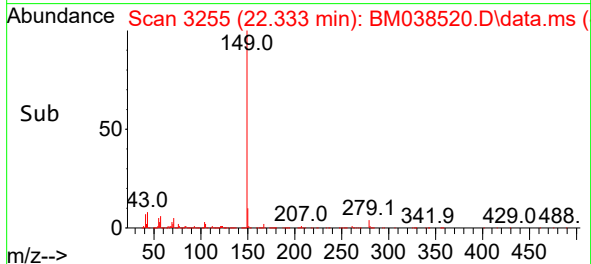
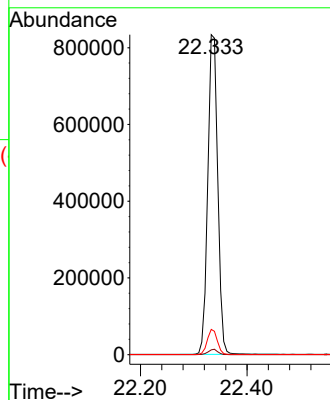
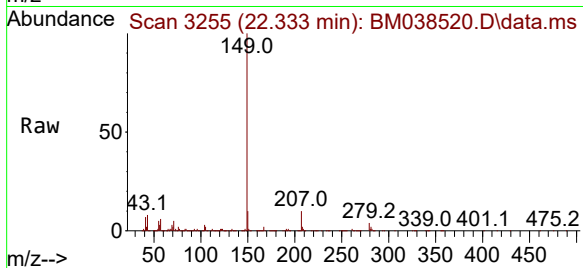
Tgt Ion:149 Resp: 1078099

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: BM038520.D

Acq: 24 Jan 2023 10:25

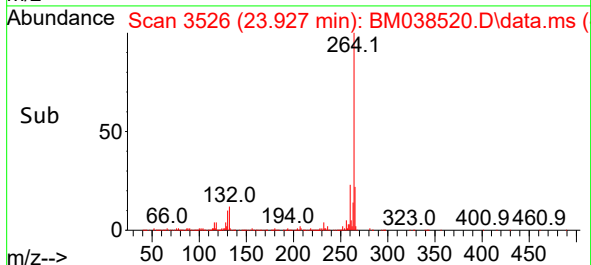
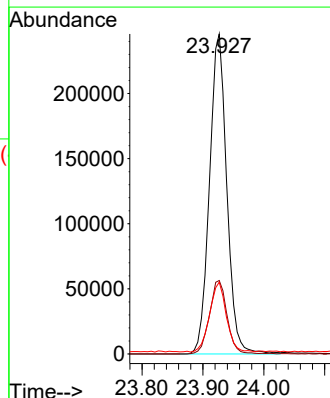
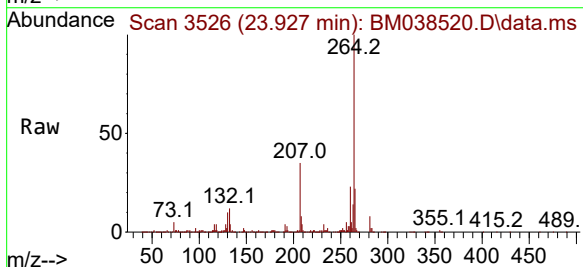
Tgt Ion:264 Resp: 485488

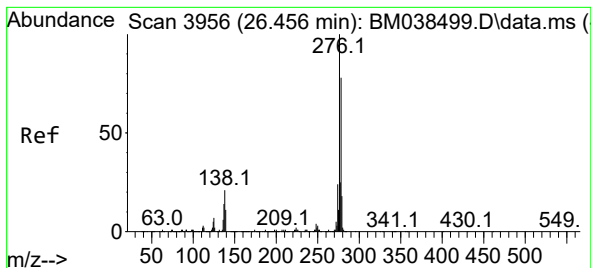
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 22.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.828 ng

RT: 26.444 min Scan# 3401

Delta R.T. -0.012 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

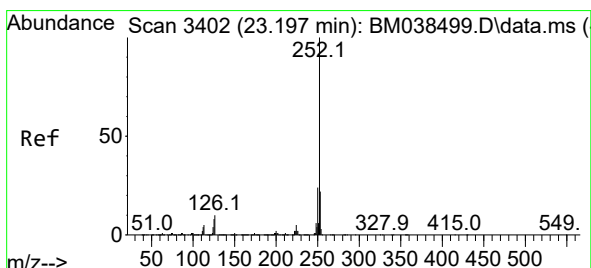
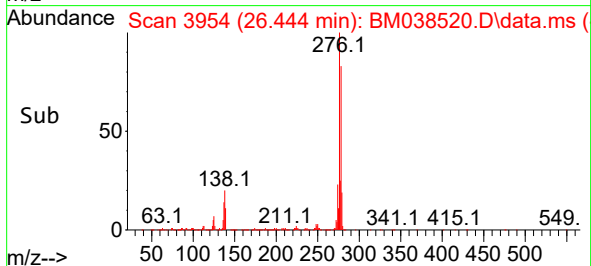
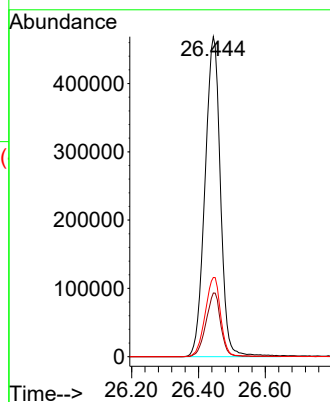
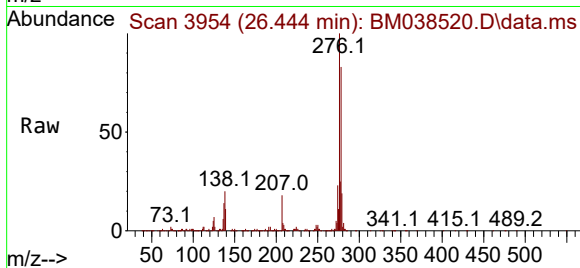
Tgt Ion:276 Resp: 1502661

Ion Ratio Lower Upper

276 100

138 19.1 15.8 23.8

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 42.852 ng

RT: 23.192 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

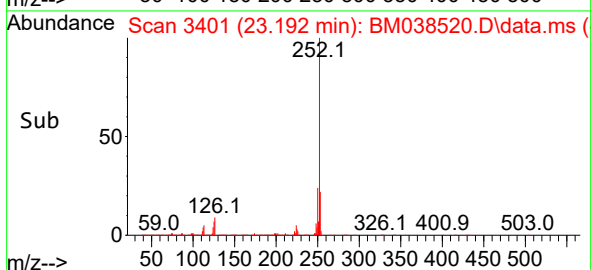
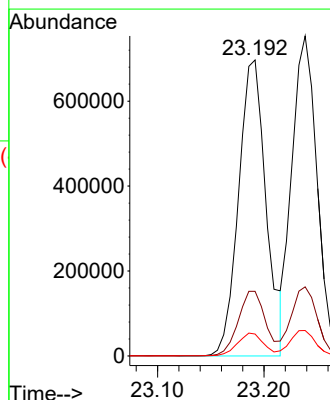
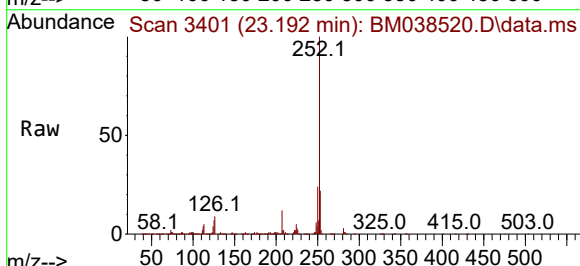
Tgt Ion:252 Resp: 1254972

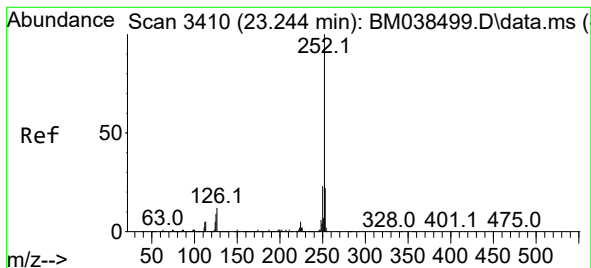
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 7.4 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 40.899 ng

RT: 23.239 min Scan# 3410

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

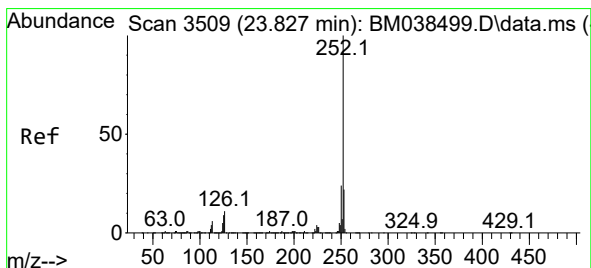
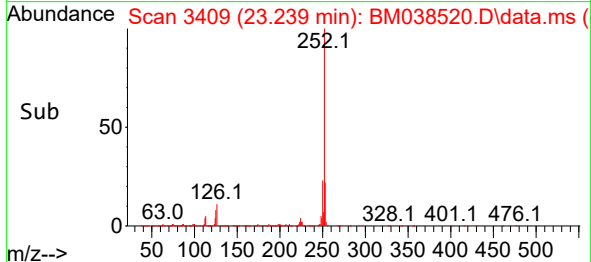
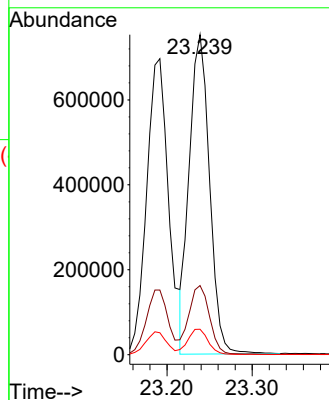
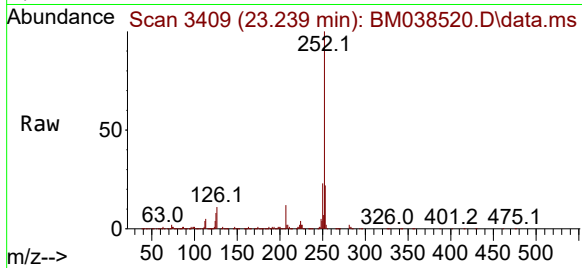
Tgt Ion:252 Resp: 1239413

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 7.9 6.8 10.2



#90

Benzo(a)pyrene

Concen: 42.017 ng

RT: 23.821 min Scan# 3508

Delta R.T. -0.006 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

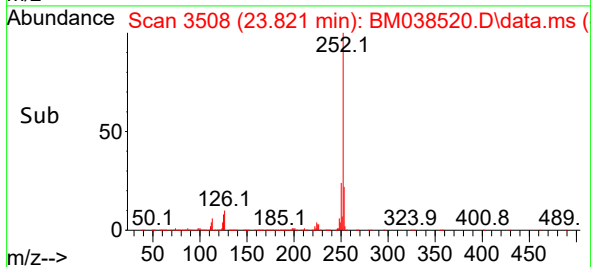
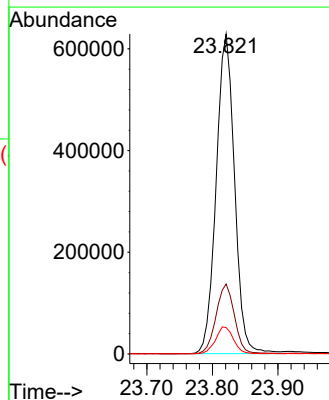
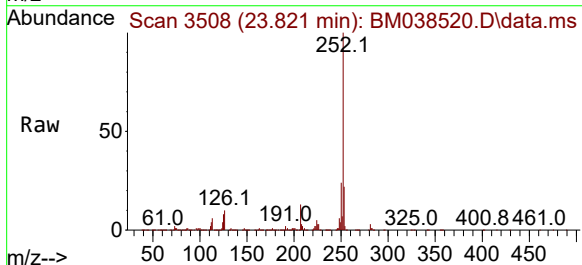
Tgt Ion:252 Resp: 1220005

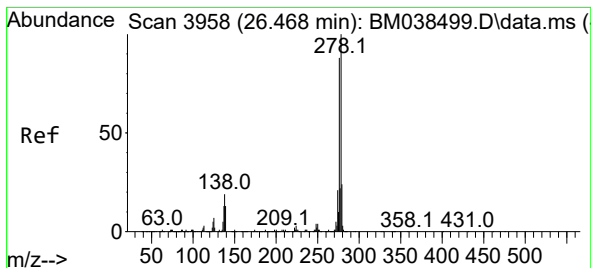
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.2 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 41.888 ng

RT: 26.456 min Scan# 3956

Delta R.T. -0.012 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

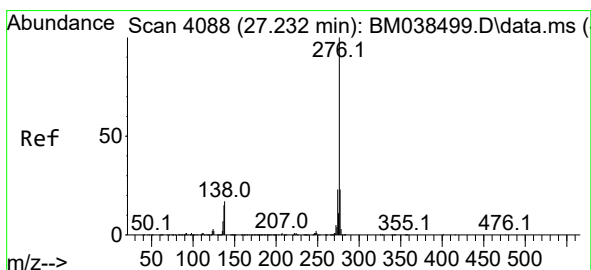
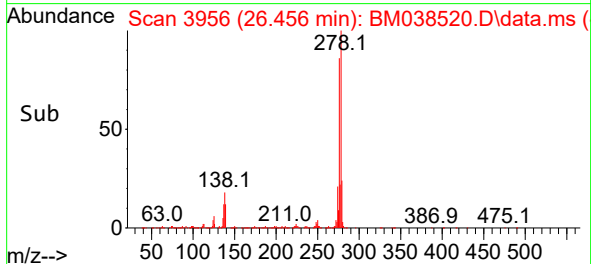
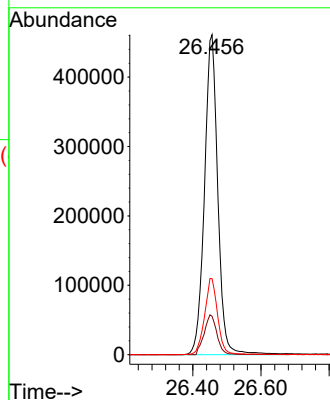
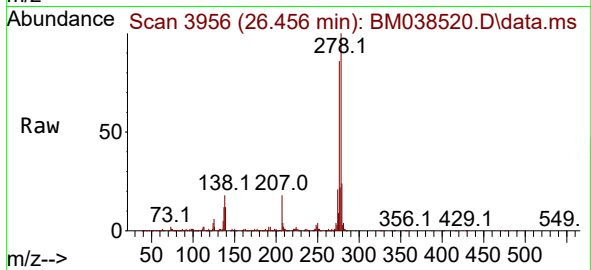
Tgt Ion:278 Resp: 1252571

Ion Ratio Lower Upper

278 100

139 12.0 10.3 15.5

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 40.976 ng

RT: 27.221 min Scan# 4086

Delta R.T. -0.012 min

Lab File: BM038520.D

Acq: 24 Jan 2023 10:25

Tgt Ion:276 Resp: 1255117

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 15.9 13.8 20.8

