

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041378.D
 Acq On : 11 Aug 2023 08:49
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 11 15:24:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	165544	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	683899	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	471636	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1110674	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	1179806	20.000	ng	0.00
86) Perylene-d12	23.780	264	1522640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	756102	68.263	ng	-0.01
7) Phenol-d6	6.957	99	1061218	73.914	ng	-0.01
23) Nitrobenzene-d5	8.951	82	1084298	73.731	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	608079	91.152	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2618099	70.124	ng	0.00
79) Terphenyl-d14	19.845	244	4780566	73.262	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	149822	31.619	ng	95
3) Pyridine	3.652	79	435659	34.968	ng	96
4) n-Nitrosodimethylamine	3.569	42	186580	32.381	ng	98
6) Aniline	7.110	93	646458	38.474	ng	100
8) 2-Chlorophenol	7.340	128	402370	37.211	ng	98
9) Benzaldehyde	6.922	77	263447	34.775	ng	98
10) Phenol	6.987	94	513019	36.996	ng	97
11) bis(2-Chloroethyl)ether	7.210	93	416405	37.097	ng	96
12) 1,3-Dichlorobenzene	7.657	146	429198	36.464	ng	99
13) 1,4-Dichlorobenzene	7.810	146	439726	37.169	ng	99
14) 1,2-Dichlorobenzene	8.122	146	430362	37.939	ng	100
15) Benzyl Alcohol	8.034	79	403780	44.533	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	498276	33.317	ng	95
17) 2-Methylphenol	8.234	107	382729	40.399	ng	98
18) Hexachloroethane	8.840	117	165636	37.607	ng	90
19) n-Nitroso-di-n-propyla...	8.593	70	388751	44.578	ng	96
20) 3+4-Methylphenols	8.569	107	527183	41.618	ng	95
22) Acetophenone	8.616	105	683706	37.748	ng	# 99
24) Nitrobenzene	8.993	77	546049	36.717	ng	99
25) Isophorone	9.522	82	1070245	42.872	ng	98
26) 2-Nitrophenol	9.704	139	247695	42.605	ng	96
27) 2,4-Dimethylphenol	9.769	122	397542	38.859	ng	97
28) bis(2-Chloroethoxy)met...	10.004	93	588184	37.614	ng	99
29) 2,4-Dichlorophenol	10.240	162	430311	41.710	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	460806	40.427	ng	99
31) Naphthalene	10.628	128	1363973	36.753	ng	99
32) Benzoic acid	9.951	122	335187	44.277	ng	99
33) 4-Chloroaniline	10.763	127	612398	41.291	ng	99
34) Hexachlorobutadiene	10.898	225	299323	43.663	ng	99
35) Caprolactam	11.592	113	153916	51.573	ng	# 86
36) 4-Chloro-3-methylphenol	11.898	107	485863	44.744	ng	97
37) 2-Methylnaphthalene	12.251	142	1024168	40.933	ng	99
38) 1-Methylnaphthalene	12.469	142	966965	41.292	ng	100
40) 1,2,4,5-Tetrachloroben...	12.622	216	561984	36.696	ng	99
41) Hexachlorocyclopentadiene	12.581	237	363991	44.925	ng	100
43) 2,4,6-Trichlorophenol	12.875	196	395744	40.317	ng	98

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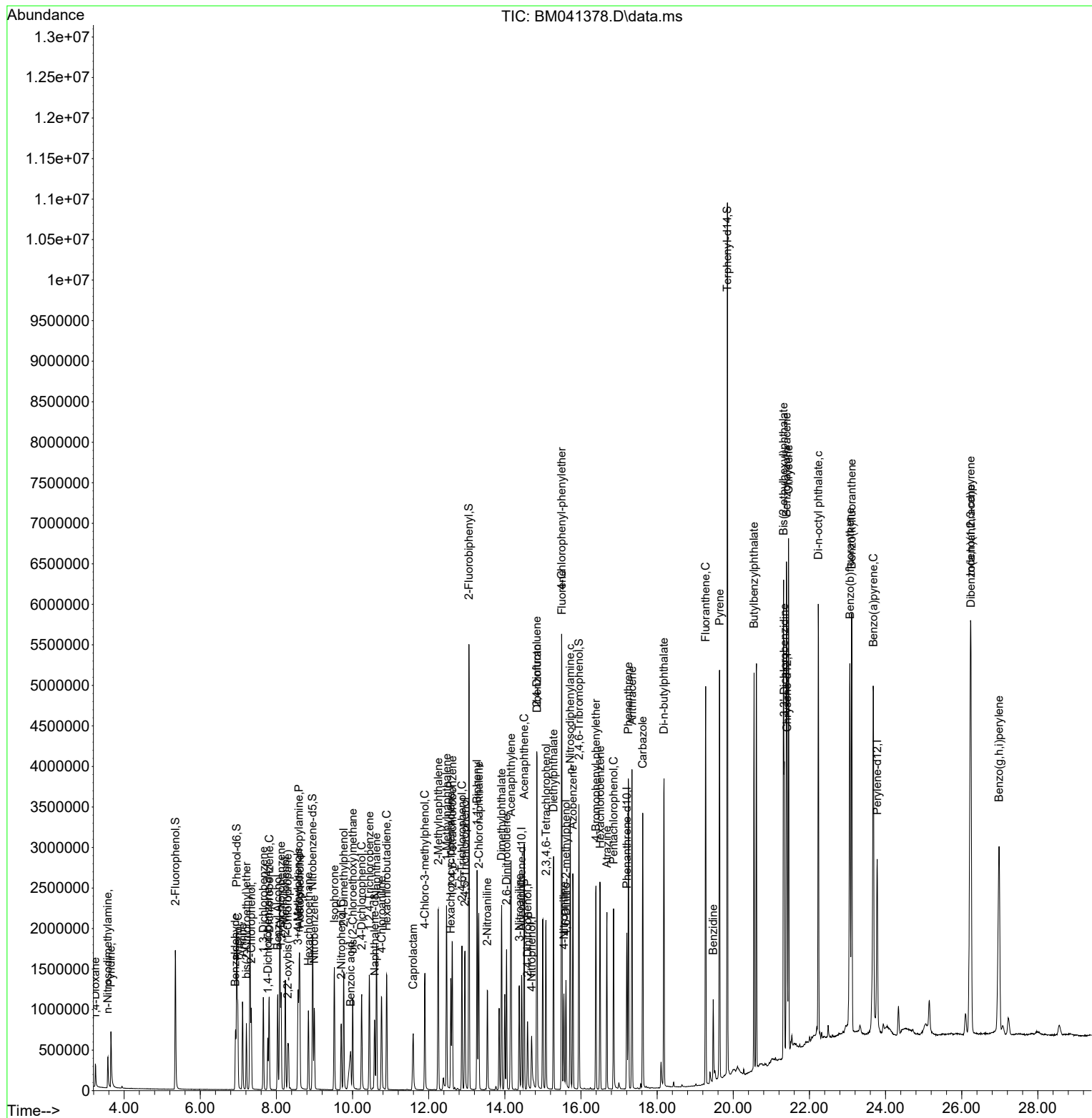
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	466577	41.068	ng	97
46) 1,1'-Biphenyl	13.269	154	1327369	34.716	ng	98
47) 2-Chloronaphthalene	13.316	162	1024578	35.888	ng	98
48) 2-Nitroaniline	13.539	65	356383	39.108	ng	100
49) Acenaphthylene	14.163	152	1701922	36.934	ng	100
50) Dimethylphthalate	13.916	163	1455614	41.030	ng	99
51) 2,6-Dinitrotoluene	14.045	165	316607	43.070	ng	96
52) Acenaphthene	14.510	154	1012235	36.464	ng	99
53) 3-Nitroaniline	14.380	138	319166	38.084	ng	90
54) 2,4-Dinitrophenol	14.598	184	202263	43.608	ng	91
55) Dibenzofuran	14.845	168	1707416	37.698	ng	99
56) 4-Nitrophenol	14.704	139	218776	35.710	ng	95
57) 2,4-Dinitrotoluene	14.839	165	448797	43.045	ng	95
58) Fluorene	15.498	166	1385259	38.770	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	407262	44.269	ng	95
60) Diethylphthalate	15.280	149	1470366	42.857	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	741511	41.414	ng	98
62) 4-Nitroaniline	15.551	138	289893	37.928	ng	94
63) Azobenzene	15.786	77	1452552	38.651	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	287713	42.761	ng	91
66) n-Nitrosodiphenylamine	15.716	169	1213395	35.127	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	473411	38.875	ng	99
68) Hexachlorobenzene	16.504	284	524829	38.758	ng	95
69) Atrazine	16.680	200	393280	43.354	ng	99
70) Pentachlorophenol	16.857	266	396355	42.271	ng	98
71) Phenanthrene	17.245	178	2222764	36.020	ng	100
72) Anthracene	17.339	178	2285200	37.443	ng	100
73) Carbazole	17.621	167	2066114	37.402	ng	99
74) Di-n-butylphthalate	18.180	149	2703954	43.317	ng	99
75) Fluoranthene	19.274	202	2833769	40.874	ng	98
77) Benzidine	19.474	184	666440	41.444	ng	100
78) Pyrene	19.639	202	2965036	35.937	ng	100
80) Butylbenzylphthalate	20.545	149	1307388	43.392	ng	97
81) Benzo(a)anthracene	21.398	228	3120375	39.014	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	1072161	41.081	ng	99
83) Chrysene	21.451	228	2963353	38.305	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1968277	41.500	ng	# 96
85) Di-n-octyl phthalate	22.233	149	3541647	46.510	ng	95
87) Indeno(1,2,3-cd)pyrene	26.233	276	4073067	36.384	ng	# 94
88) Benzo(b)fluoranthene	23.062	252	3403700	37.629	ng	# 98
89) Benzo(k)fluoranthene	23.109	252	3414018	36.898	ng	98
90) Benzo(a)pyrene	23.680	252	3327758	38.288	ng	# 97
91) Dibenzo(a,h)anthracene	26.244	278	3440953	36.852	ng	# 95
92) Benzo(g,h,i)perylene	26.980	276	3235755	35.416	ng	96

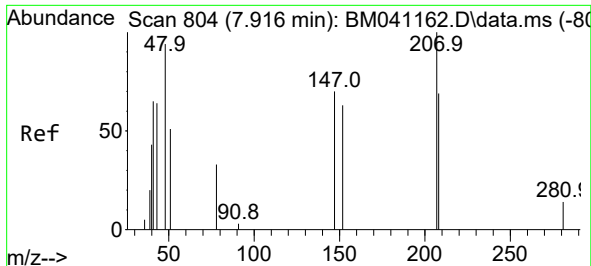
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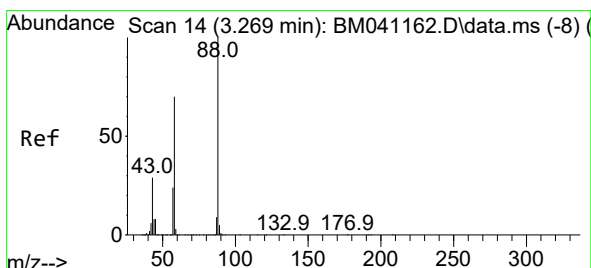
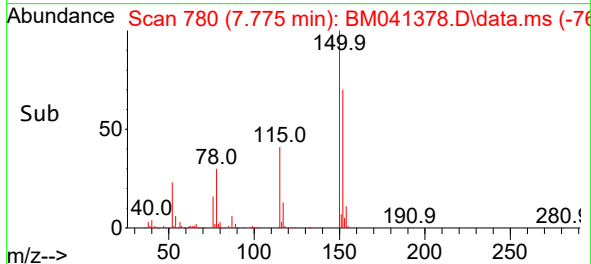
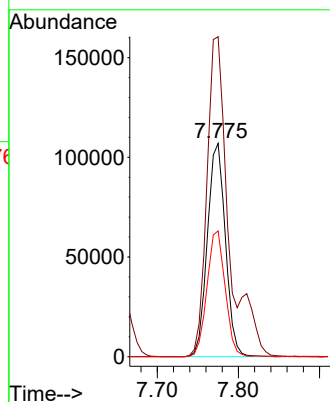
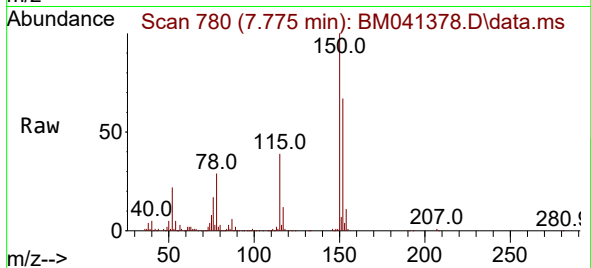




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM041378.D
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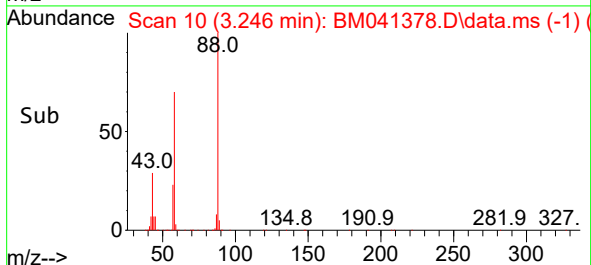
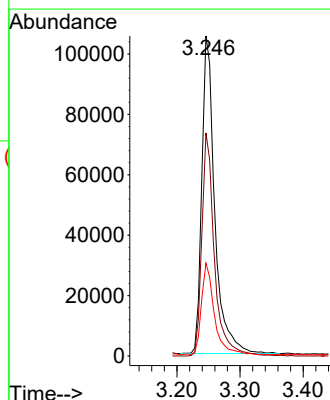
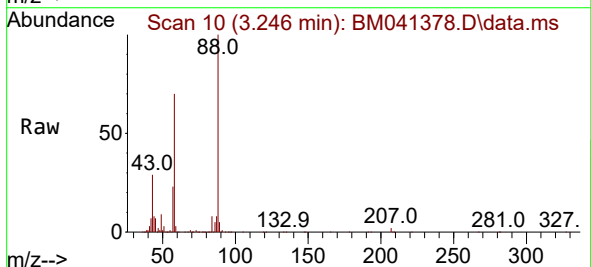
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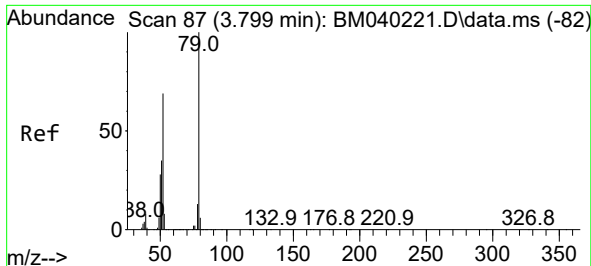
Tgt Ion:152 Resp: 165544
Ion Ratio Lower Upper
152 100
150 150.0 125.5 188.3
115 59.0 48.0 72.0



#2
1,4-Dioxane
Concen: 31.619 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 88 Resp: 149822
Ion Ratio Lower Upper
88 100
58 68.3 58.2 87.4
43 28.5 24.4 36.6

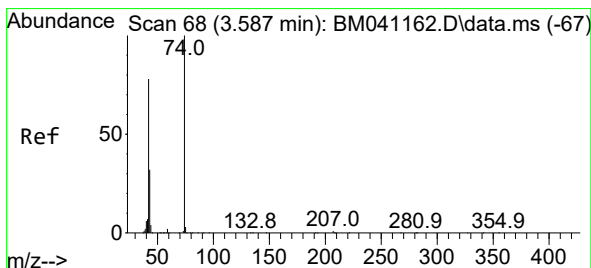
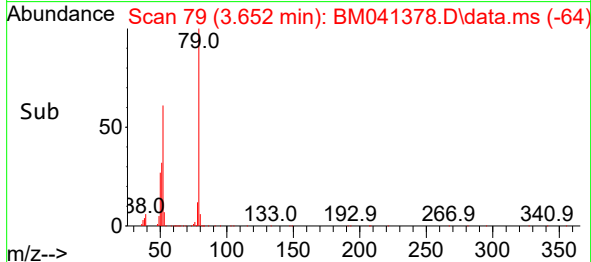
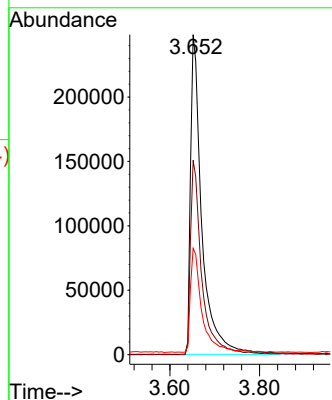
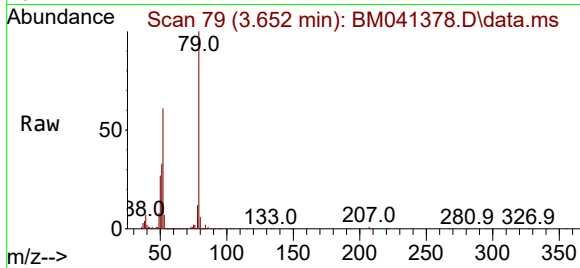




#3
 Pyridine
 Concen: 34.968 ng
 RT: 3.652 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BM041378.D
 Acq: 11 Aug 2023 08:49

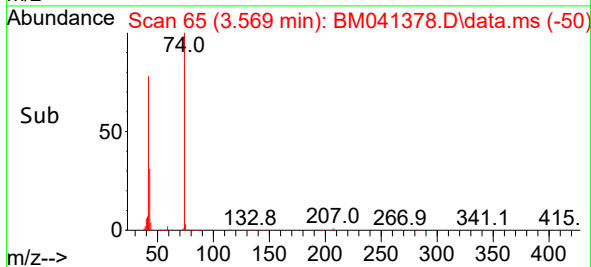
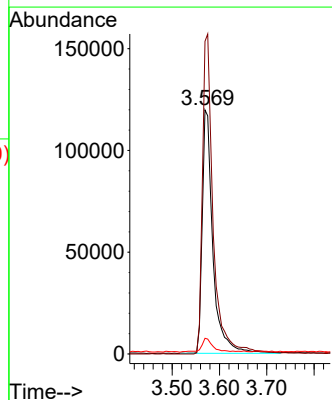
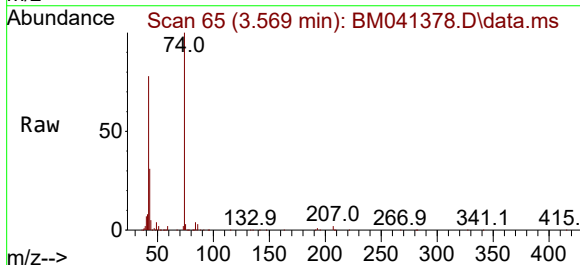
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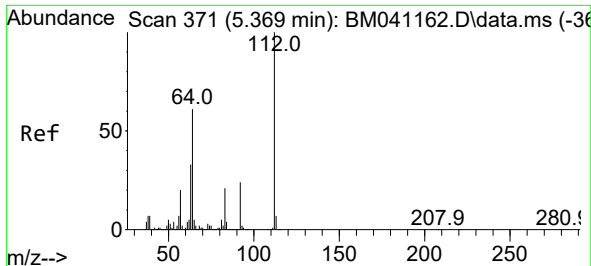
Tgt Ion: 79 Resp: 435659
 Ion Ratio Lower Upper
 79 100
 52 60.7 52.1 78.1
 51 33.2 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 32.381 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.012 min
 Lab File: BM041378.D
 Acq: 11 Aug 2023 08:49

Tgt Ion: 42 Resp: 186580
 Ion Ratio Lower Upper
 42 100
 74 128.1 100.8 151.2
 44 6.4 5.0 7.4

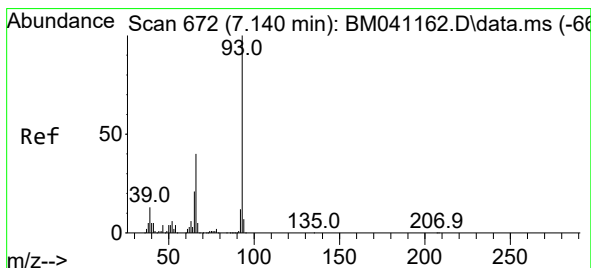
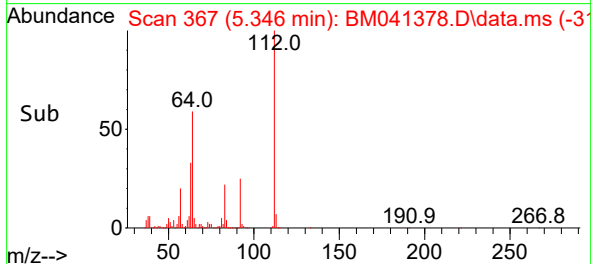
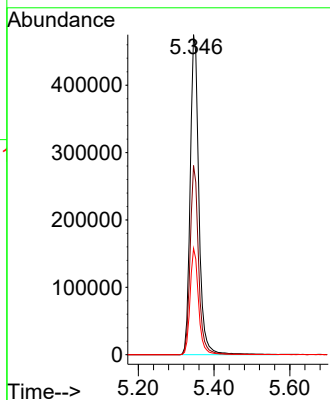
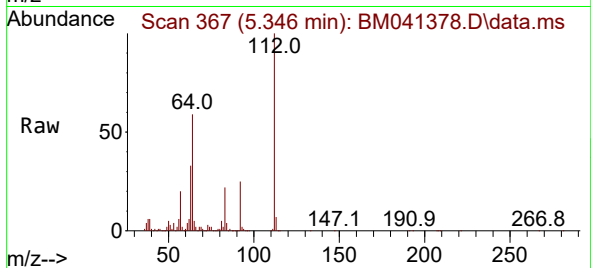




#5
2-Fluorophenol
Concen: 68.263 ng
RT: 5.346 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

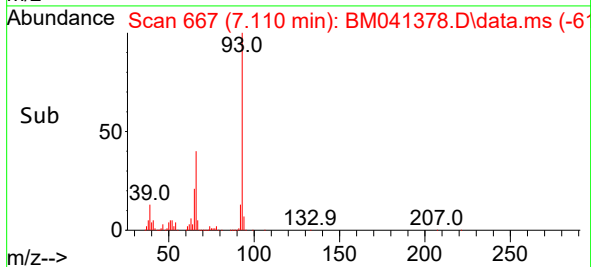
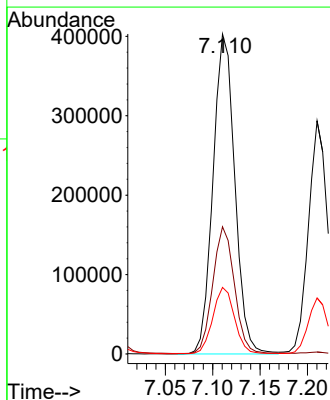
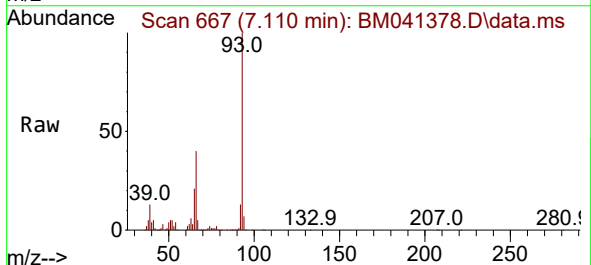
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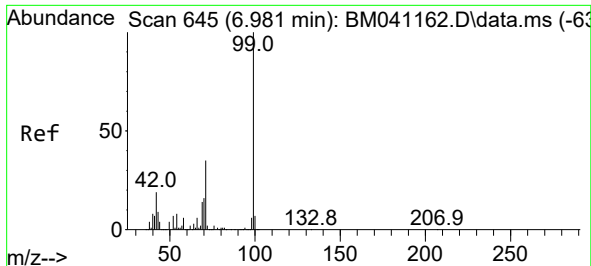
Tgt Ion:112 Resp: 756102
Ion Ratio Lower Upper
112 100
64 59.1 48.5 72.7
63 33.2 26.5 39.7



#6
Aniline
Concen: 38.474 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 93 Resp: 646458
Ion Ratio Lower Upper
93 100
66 39.7 32.0 48.0
65 20.8 16.6 24.8

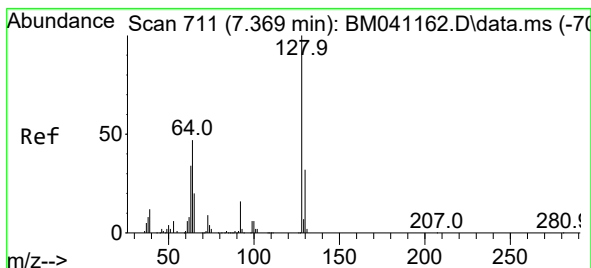
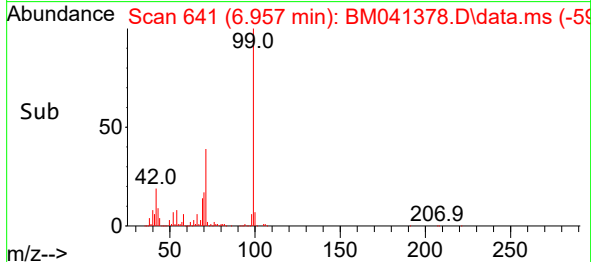
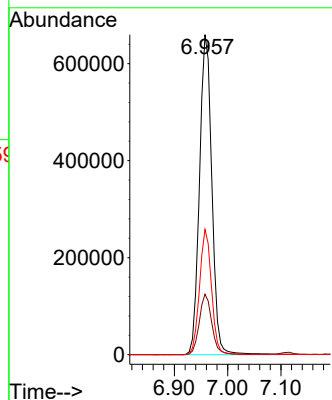
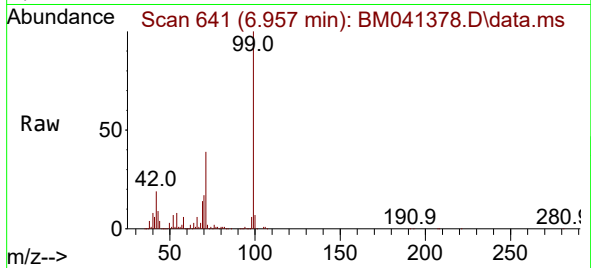




#7
Phenol-d6
Concen: 73.914 ng
RT: 6.957 min Scan# 641
Delta R.T. -0.012 min
Lab File: BM041378.D
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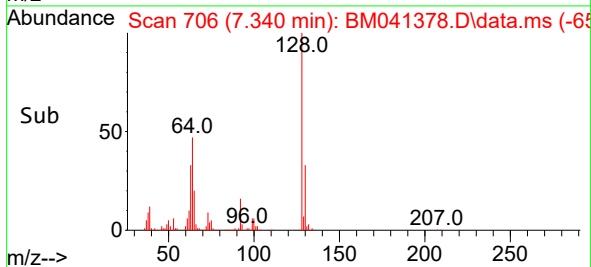
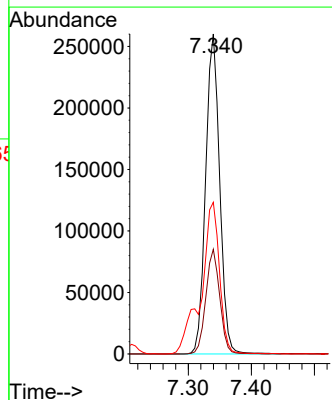
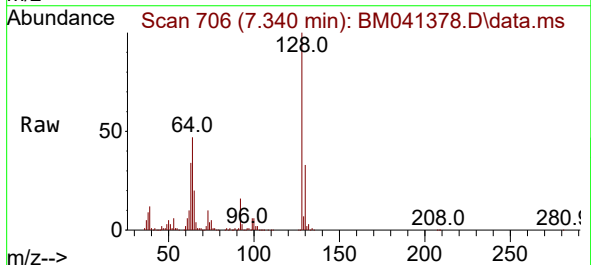
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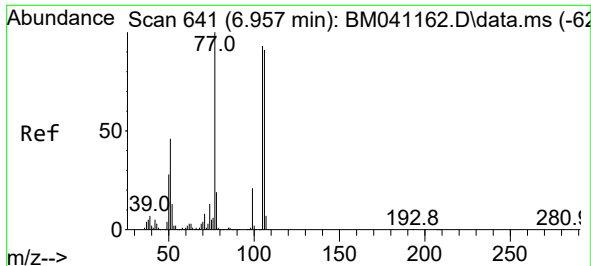
Tgt Ion: 99 Resp: 1061218
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 39.1 28.2 42.4



#8
2-Chlorophenol
Concen: 37.211 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 128 Resp: 402370
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 47.4 29.3 69.3

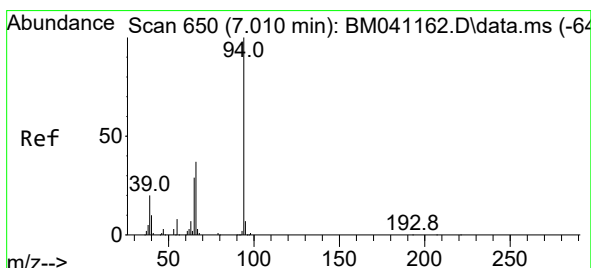
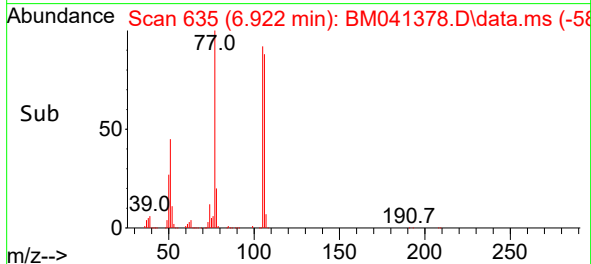
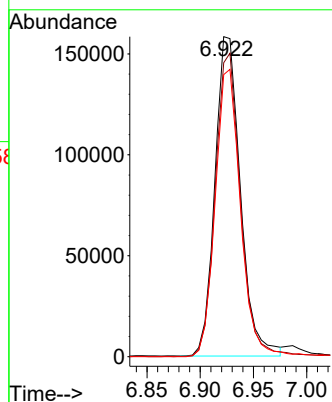
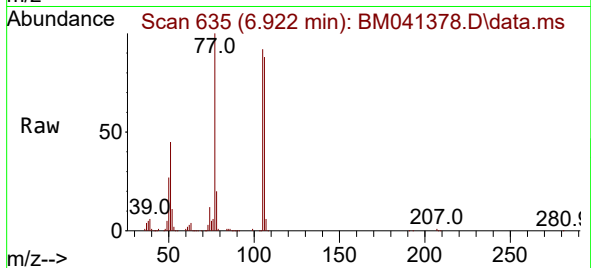




#9
Benzaldehyde
Concen: 34.775 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041378.D
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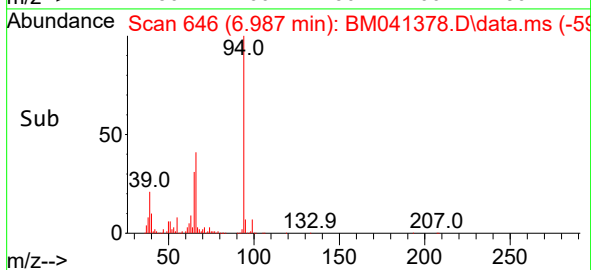
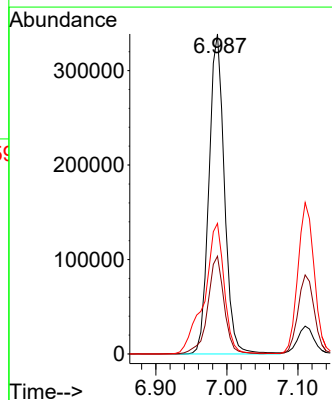
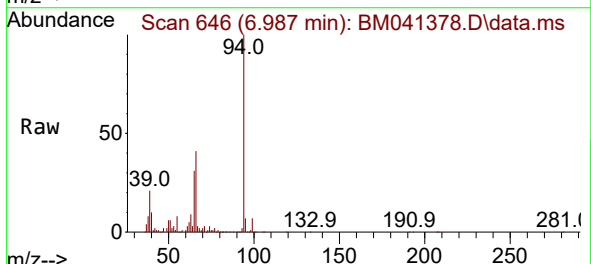
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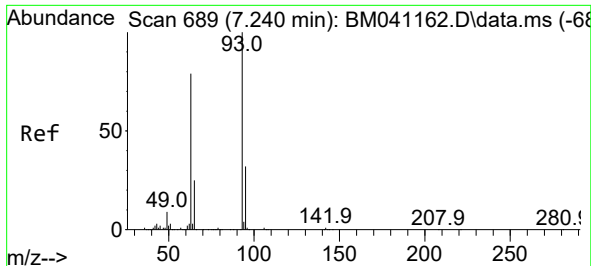
Tgt Ion: 77 Resp: 263447
Ion Ratio Lower Upper
77 100
105 91.8 72.8 112.8
106 88.2 70.8 110.8



#10
Phenol
Concen: 36.996 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 94 Resp: 513019
Ion Ratio Lower Upper
94 100
65 30.5 9.5 49.5
66 40.8 18.0 58.0

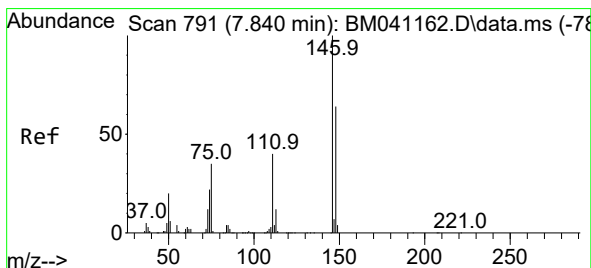
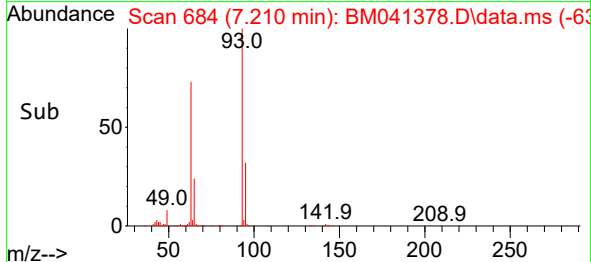
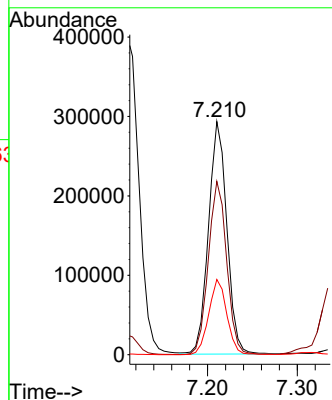
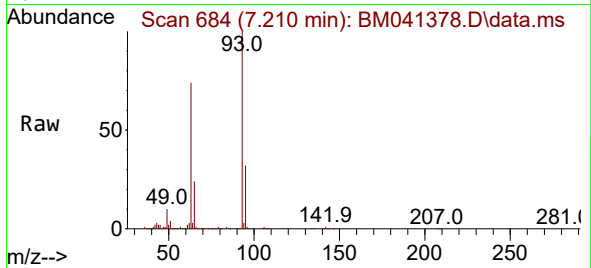




#11
bis(2-Chloroethyl)ether
Concen: 37.097 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

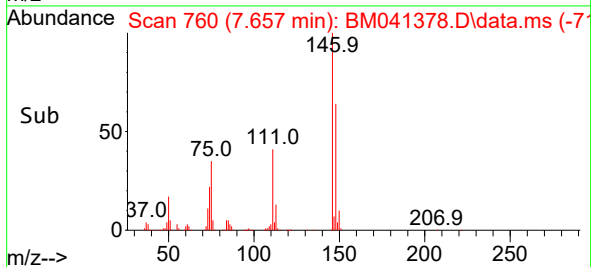
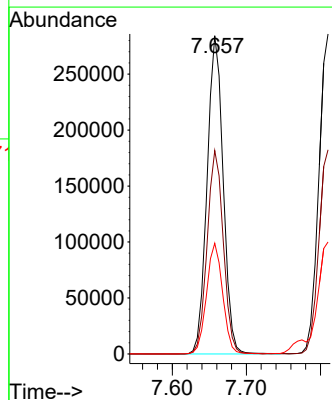
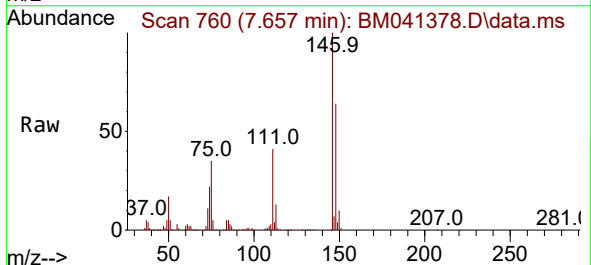
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

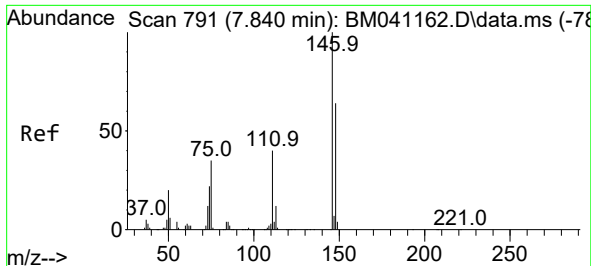
Tgt Ion: 93 Resp: 416405
Ion Ratio Lower Upper
93 100
63 74.4 58.8 98.8
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.464 ng
RT: 7.657 min Scan# 760
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 146 Resp: 429198
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 34.8 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 37.169 ng

RT: 7.810 min Scan# 710

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

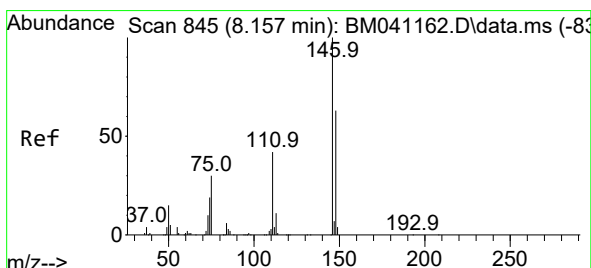
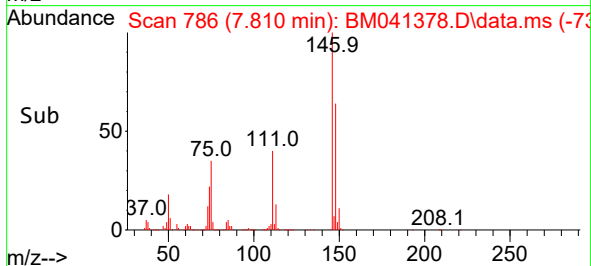
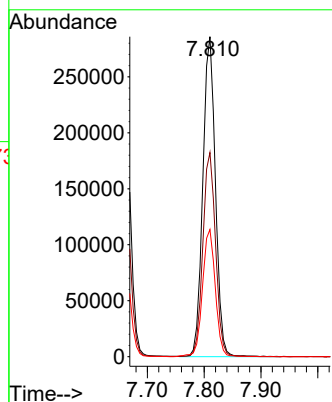
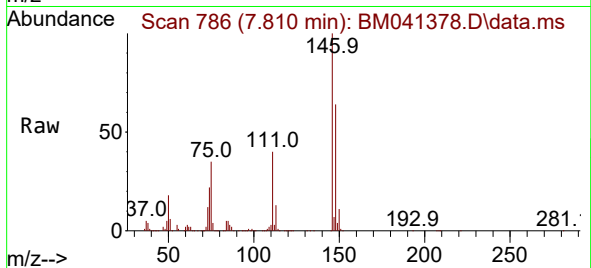
Tgt Ion:146 Resp: 439726

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

111 39.7 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 37.939 ng

RT: 8.122 min Scan# 839

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

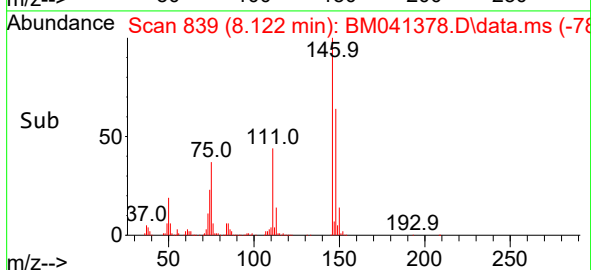
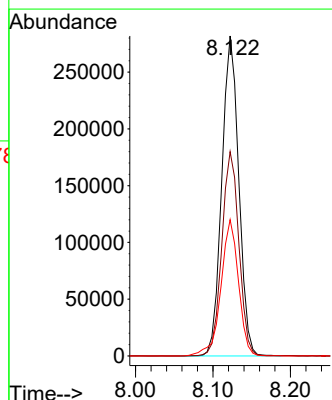
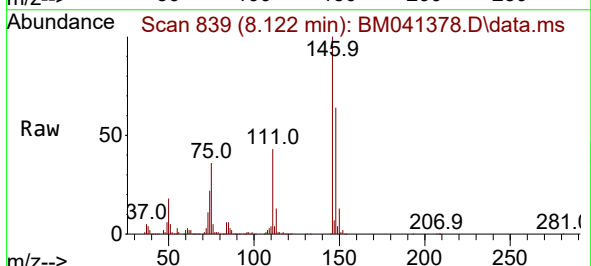
Tgt Ion:146 Resp: 430362

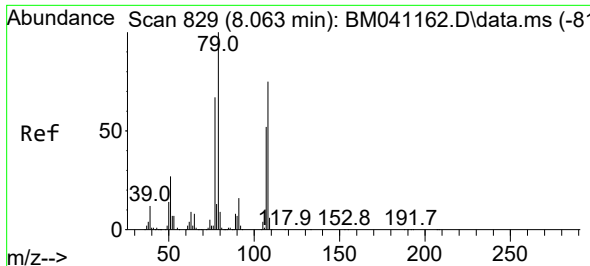
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 42.6 33.8 50.6

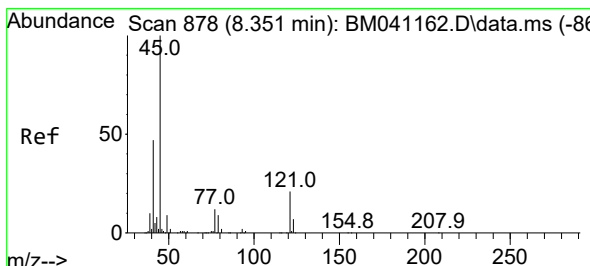
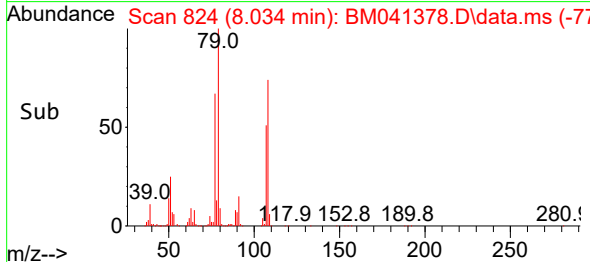
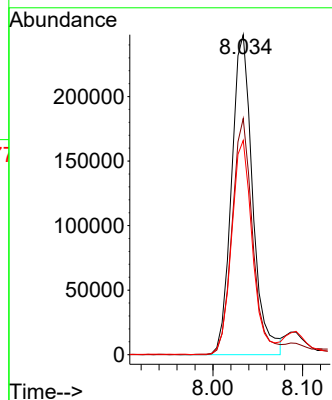
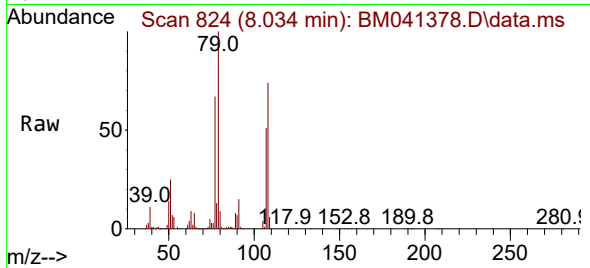




#15
Benzyl Alcohol
Concen: 44.533 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

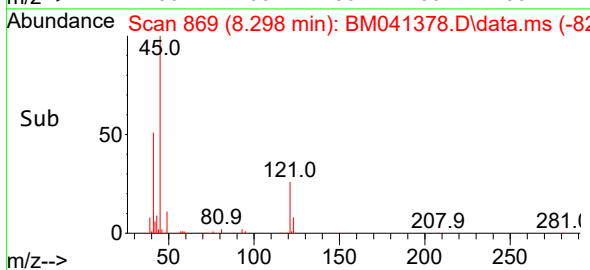
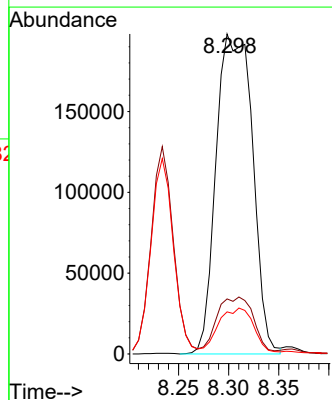
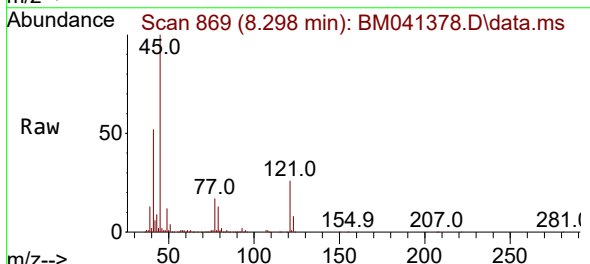
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

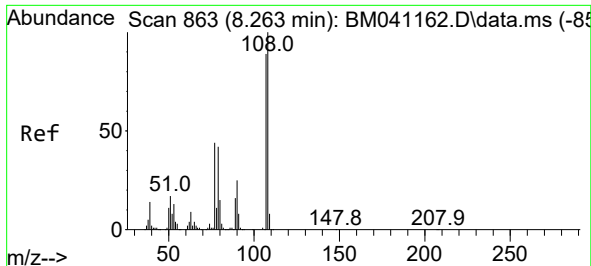
Tgt Ion: 79 Resp: 403780
Ion Ratio Lower Upper
79 100
108 73.8 59.8 89.8
77 67.0 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.317 ng
RT: 8.298 min Scan# 869
Delta R.T. -0.018 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 45 Resp: 498276
Ion Ratio Lower Upper
45 100
77 17.2 0.0 34.5
79 13.2 0.0 32.1

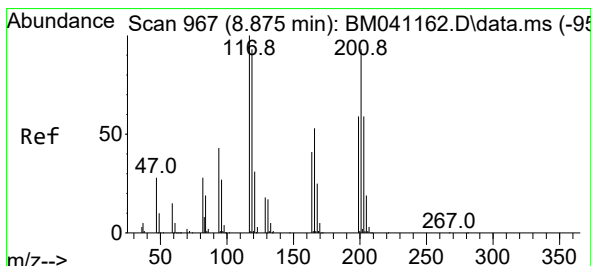
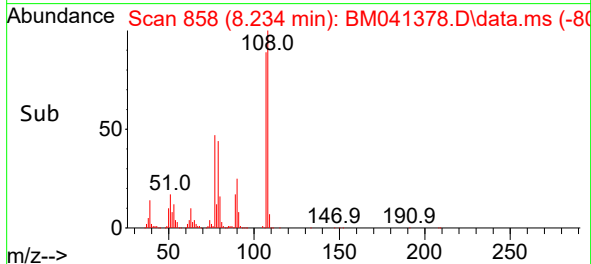
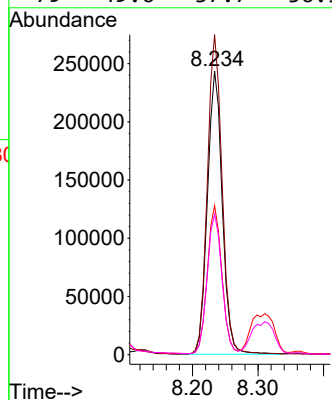
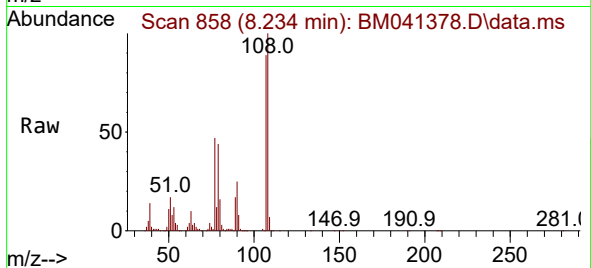




#17
2-Methylphenol
Concen: 40.399 ng
RT: 8.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

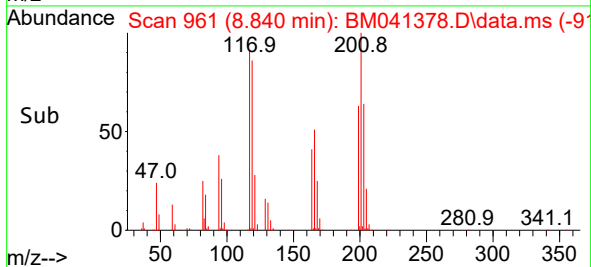
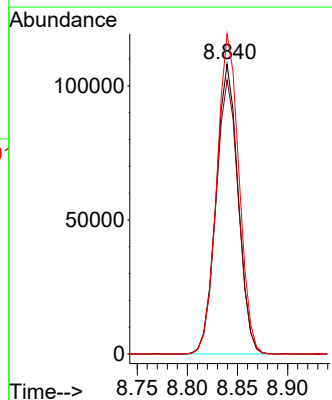
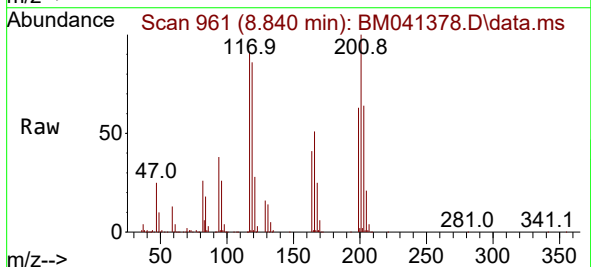
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

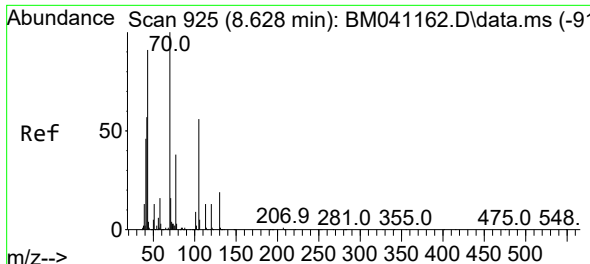
Tgt Ion:107 Resp: 382729
Ion Ratio Lower Upper
107 100
108 112.8 89.9 134.9
77 52.6 39.8 59.8
79 49.6 37.7 56.5



#18
Hexachloroethane
Concen: 37.607 ng
RT: 8.840 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:117 Resp: 165636
Ion Ratio Lower Upper
117 100
119 94.6 74.2 111.4
201 110.5 74.5 111.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.578 ng

RT: 8.593 min Scan# 915

Delta R.T. -0.012 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 388751

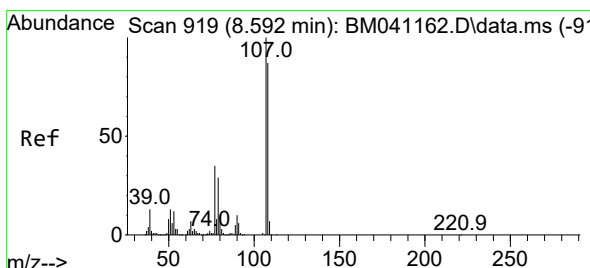
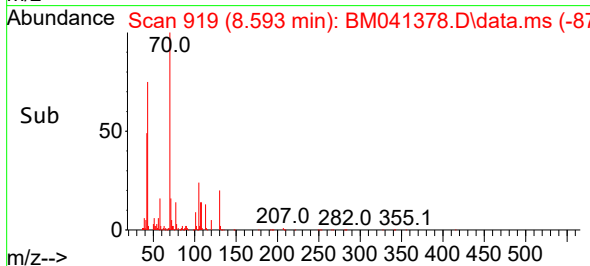
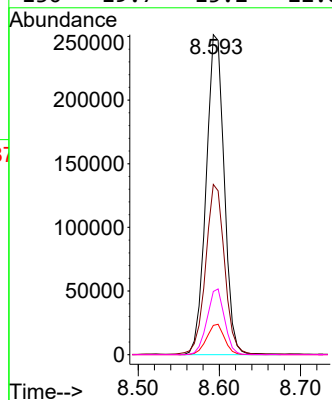
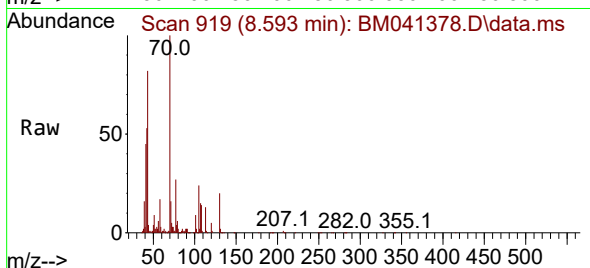
Ion Ratio Lower Upper

70 100

42 53.2 45.8 68.8

101 9.2 7.4 11.0

130 19.7 15.2 22.8



#20

3+4-Methylphenols

Concen: 41.618 ng

RT: 8.569 min Scan# 915

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Tgt Ion: 107 Resp: 527183

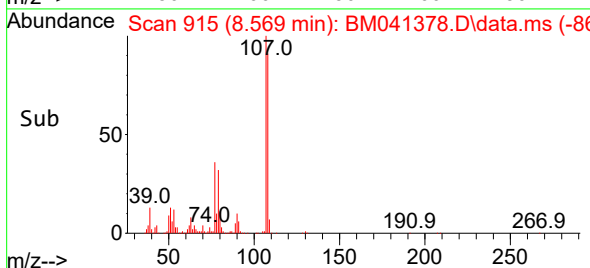
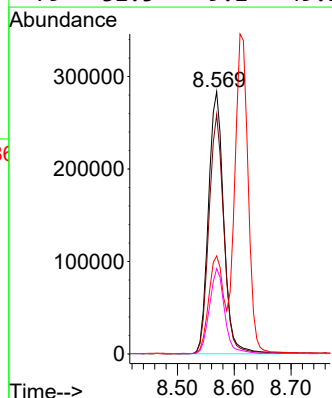
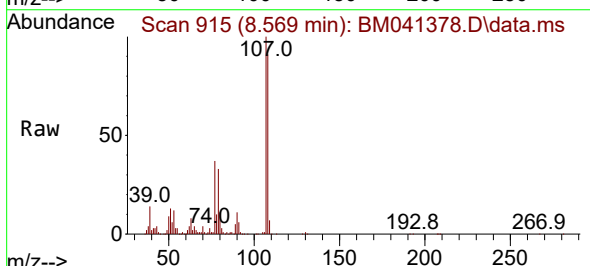
Ion Ratio Lower Upper

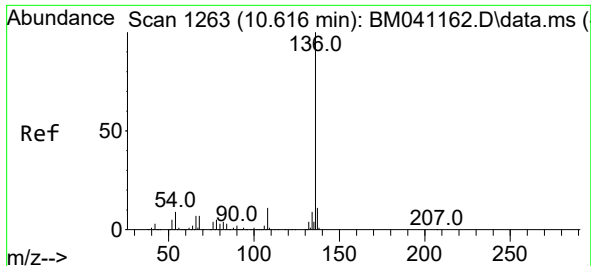
107 100

108 91.3 67.2 107.2

77 37.4 15.4 55.4

79 32.5 9.2 49.2

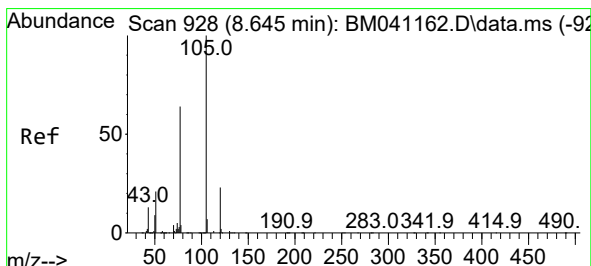
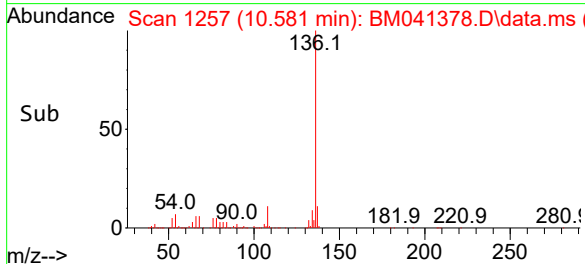
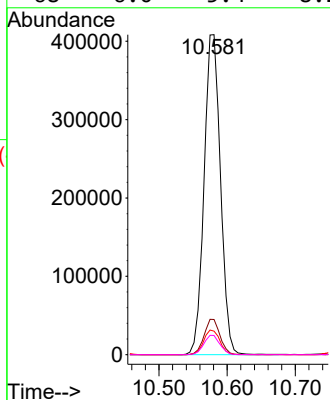
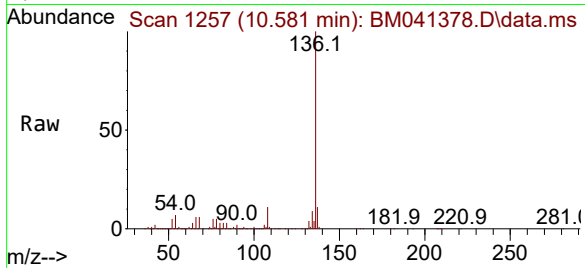




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

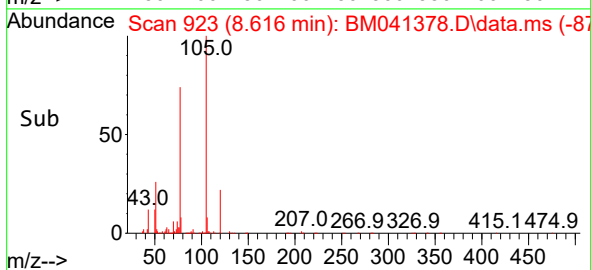
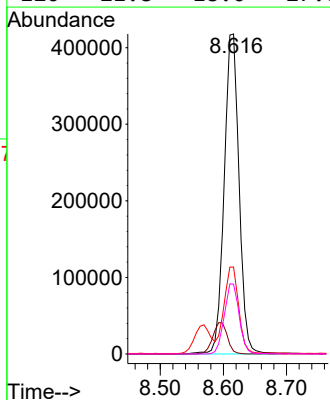
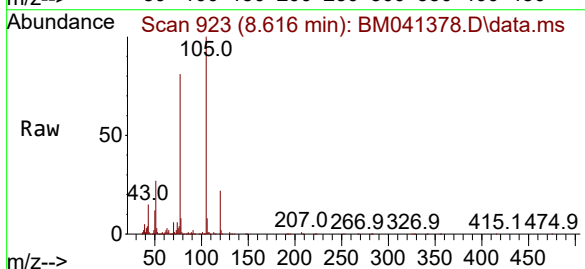
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

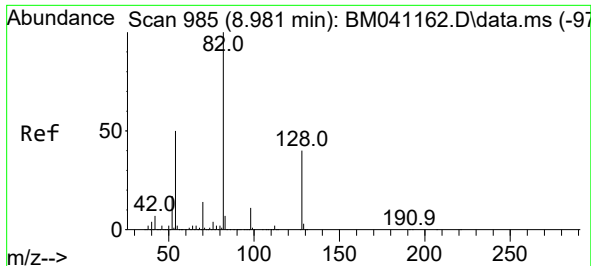
Tgt Ion:136 Resp: 683899
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 6.9 10.3
68 6.0 5.4 8.2



#22
Acetophenone
Concen: 37.748 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:105 Resp: 683706
Ion Ratio Lower Upper
105 100
71 0.9 1.2 1.8#
51 27.1 22.0 33.0
120 21.8 18.0 27.0

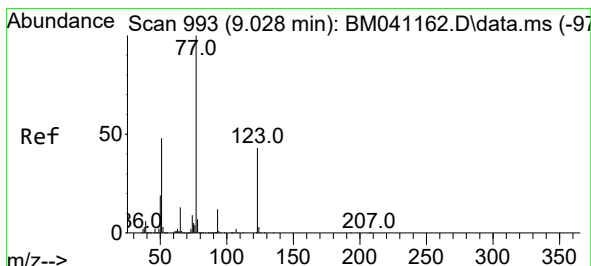
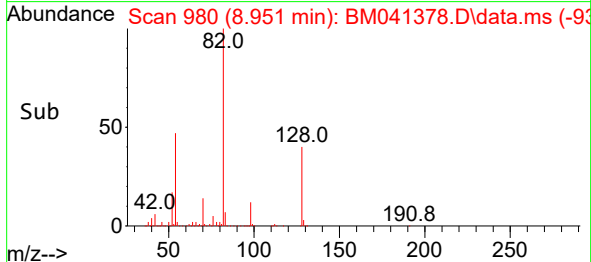
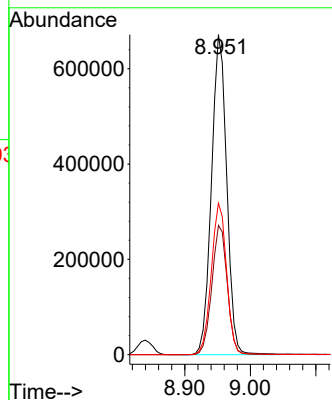
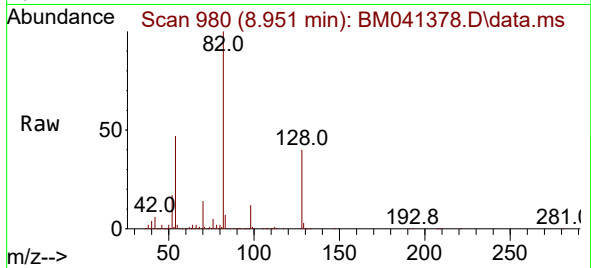




#23
Nitrobenzene-d5
Concen: 73.731 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

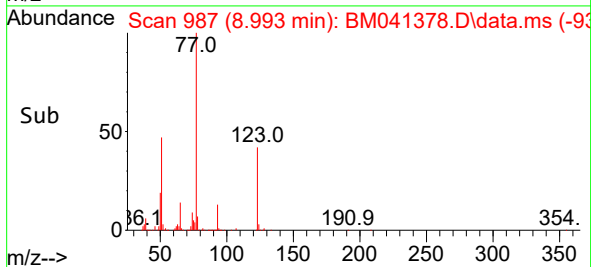
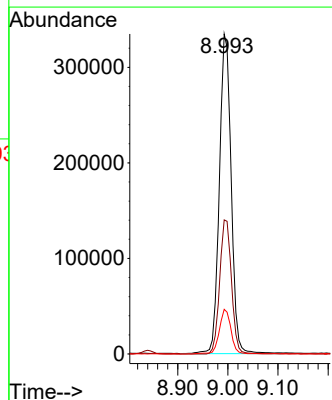
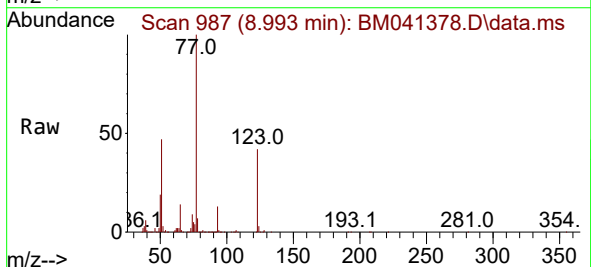
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

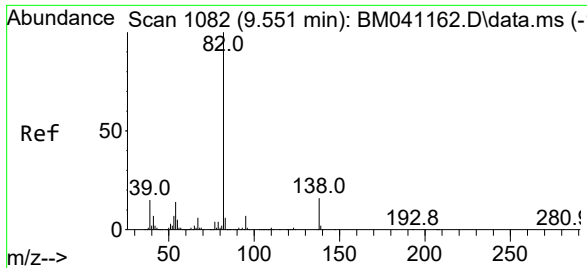
Tgt Ion: 82 Resp: 1084298
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 47.3 40.1 60.1



#24
Nitrobenzene
Concen: 36.717 ng
RT: 8.993 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 77 Resp: 546049
Ion Ratio Lower Upper
77 100
123 41.9 34.2 51.2
65 14.0 10.7 16.1

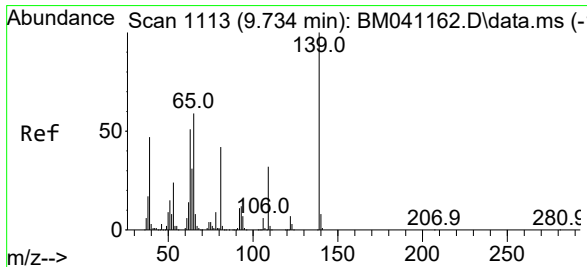
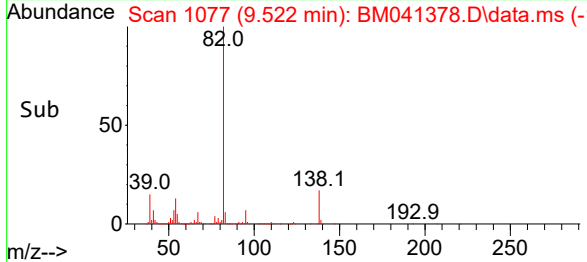
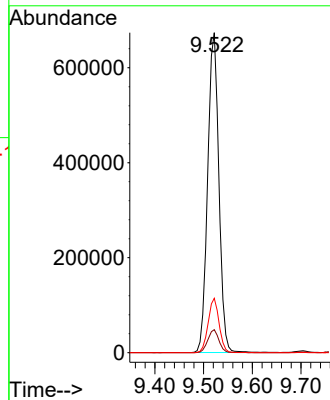
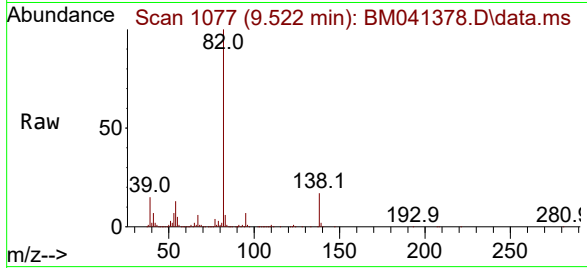




#25
Isophorone
Concen: 42.872 ng
RT: 9.522 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

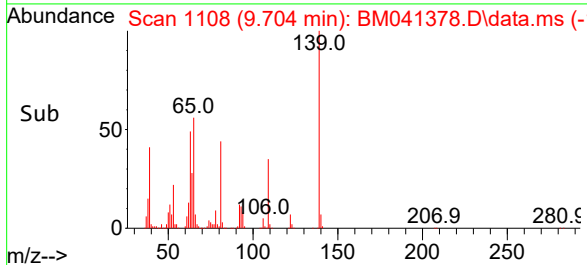
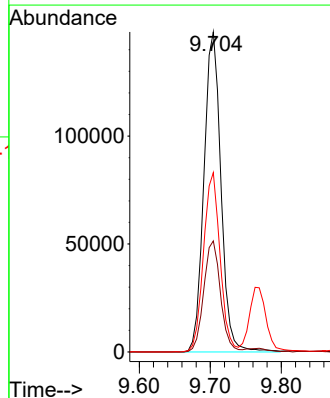
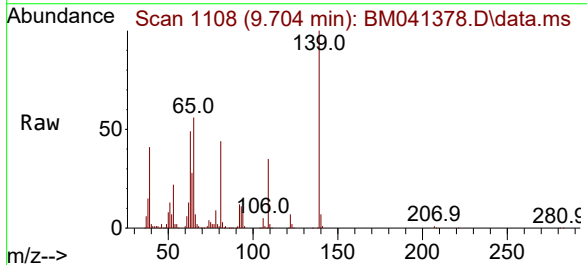
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

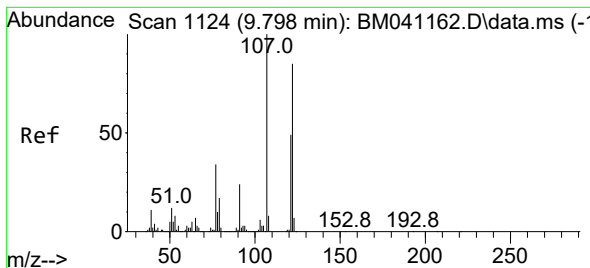
Tgt Ion: 82 Resp: 1070245
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 17.0 12.8 19.2



#26
2-Nitrophenol
Concen: 42.605 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 139 Resp: 247695
Ion Ratio Lower Upper
139 100
109 34.7 25.4 38.2
65 56.0 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 38.859 ng

RT: 9.769 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

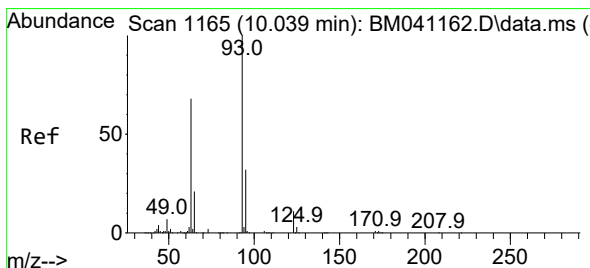
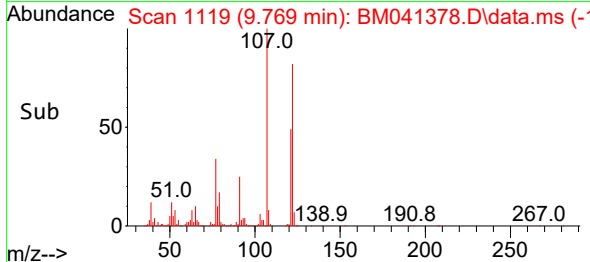
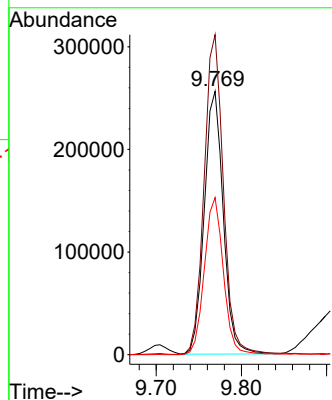
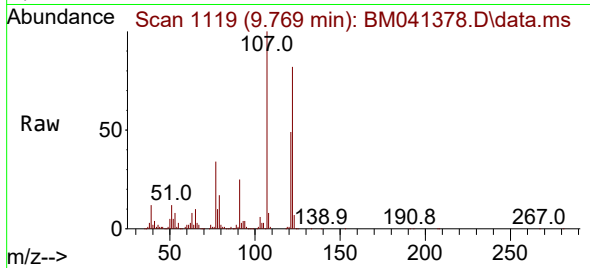
Tgt Ion:122 Resp: 397542

Ion Ratio Lower Upper

122 100

107 121.5 94.3 141.5

121 59.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.614 ng

RT: 10.004 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

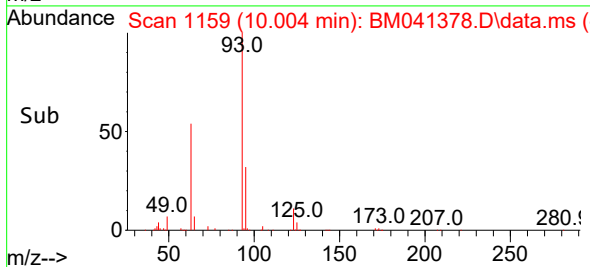
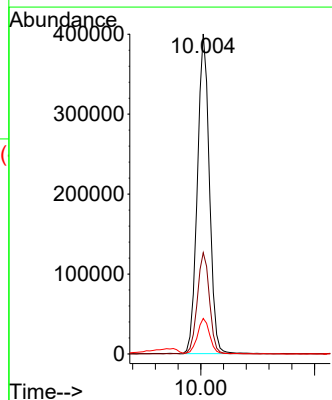
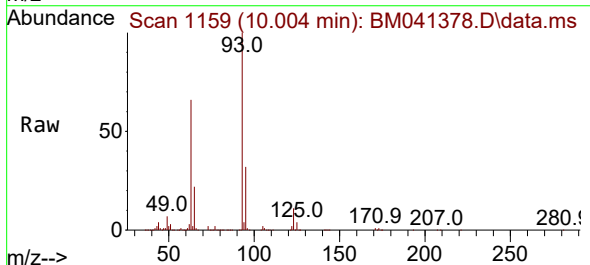
Tgt Ion: 93 Resp: 588184

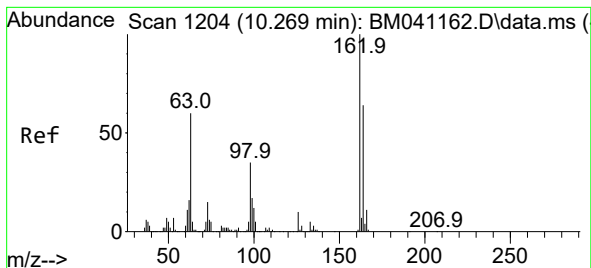
Ion Ratio Lower Upper

93 100

95 31.7 25.9 38.9

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.710 ng

RT: 10.240 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

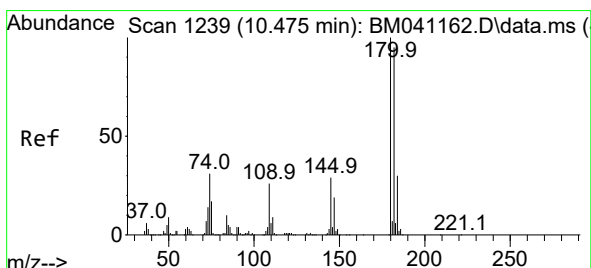
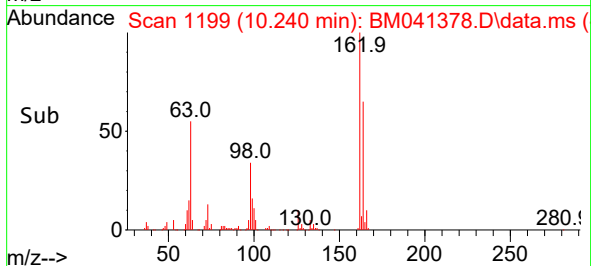
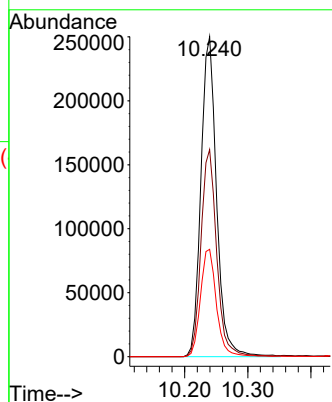
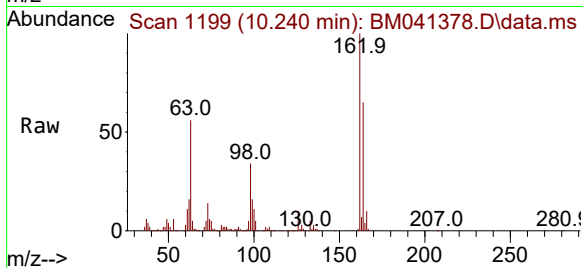
Tgt Ion:162 Resp: 430311

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 33.6 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 40.427 ng

RT: 10.439 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

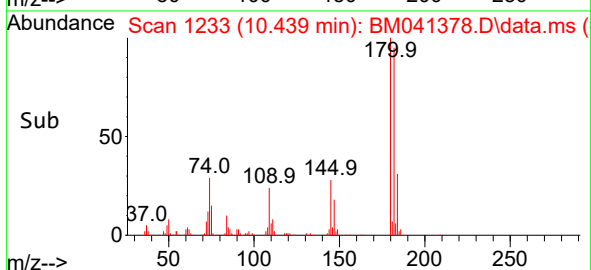
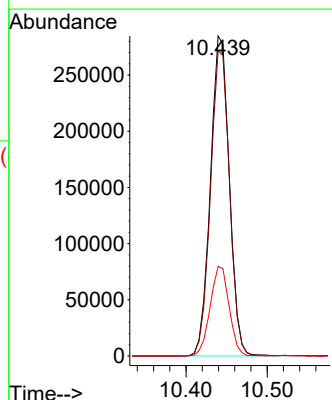
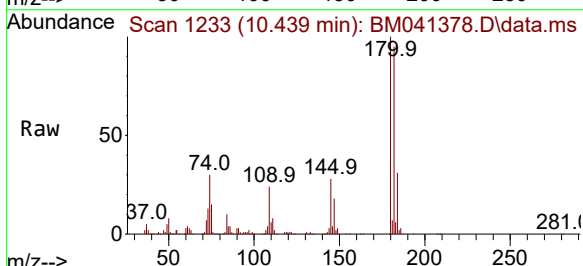
Tgt Ion:180 Resp: 460806

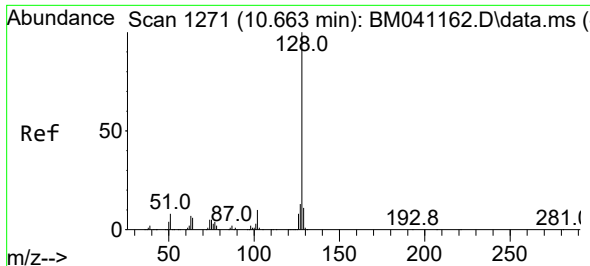
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 27.9 23.6 35.4

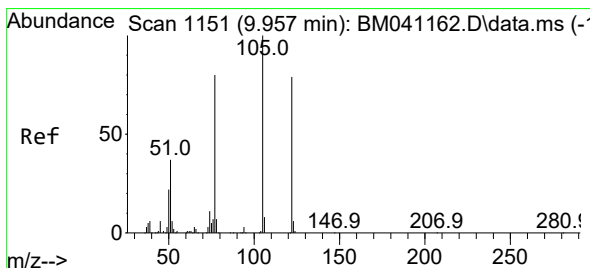
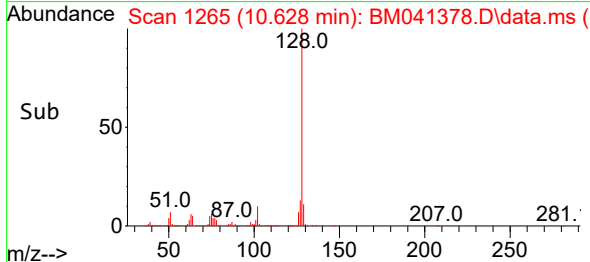
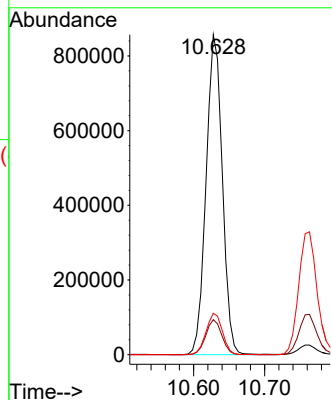
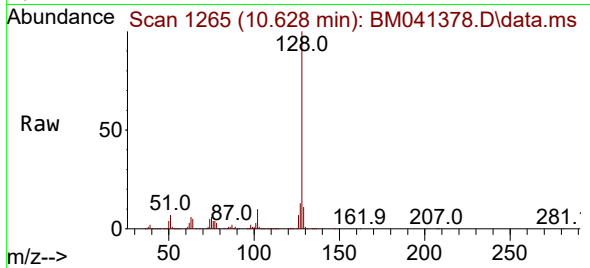




#31
Naphthalene
Concen: 36.753 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

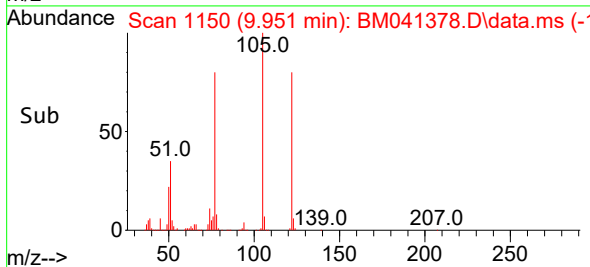
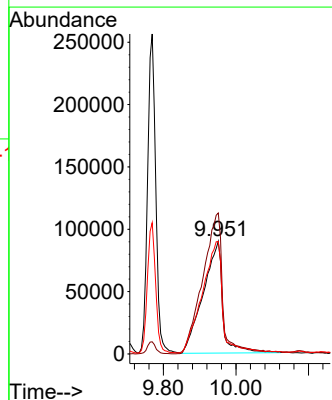
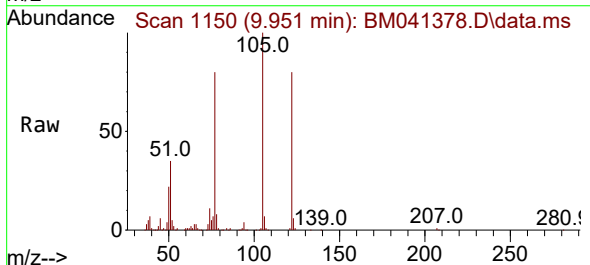
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

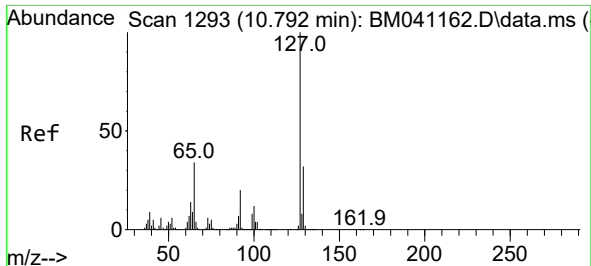
Tgt Ion:128 Resp: 1363973
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 44.277 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:122 Resp: 335187
Ion Ratio Lower Upper
122 100
105 125.0 104.0 144.0
77 99.8 79.9 119.9

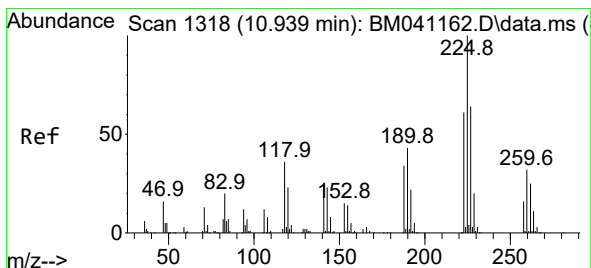
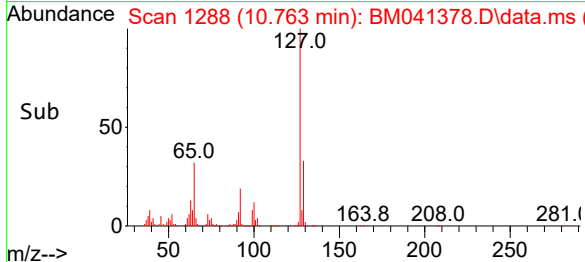
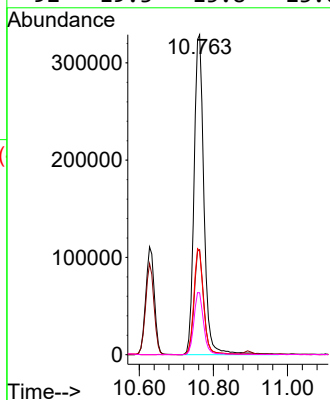
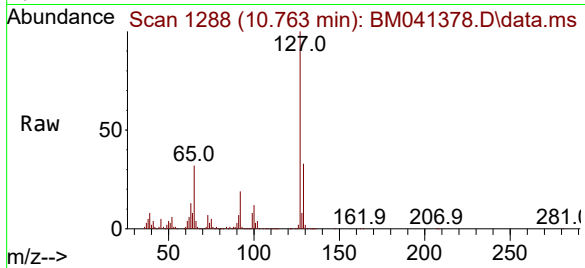




#33
4-Chloroaniline
Concen: 41.291 ng
RT: 10.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

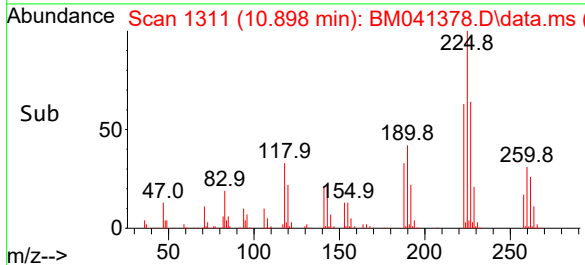
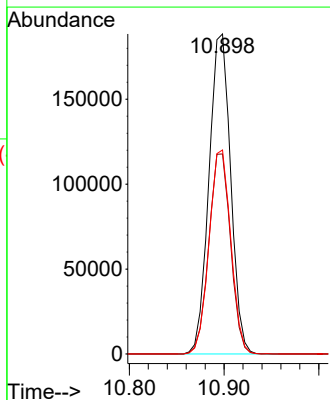
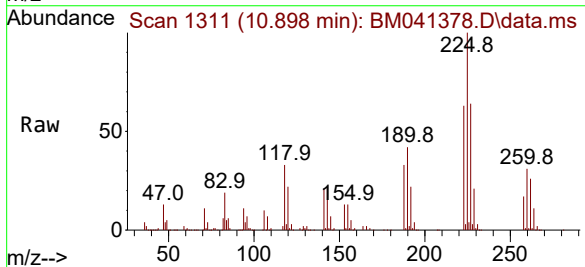
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

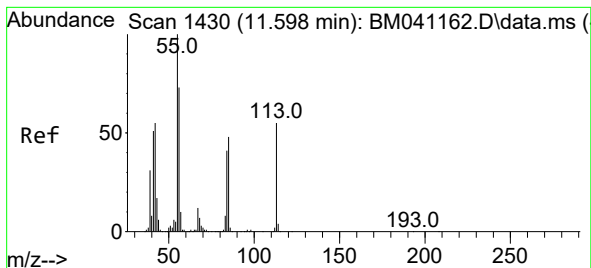
Tgt	Ion:127	Resp:	612398
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	32.4	26.9	40.3
92	19.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 43.663 ng
RT: 10.898 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt	Ion:225	Resp:	299323
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.0	73.4
227	63.7	50.8	76.2





#35

Caprolactam

Concen: 51.573 ng

RT: 11.592 min Scan# 1429

Delta R.T. -0.012 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

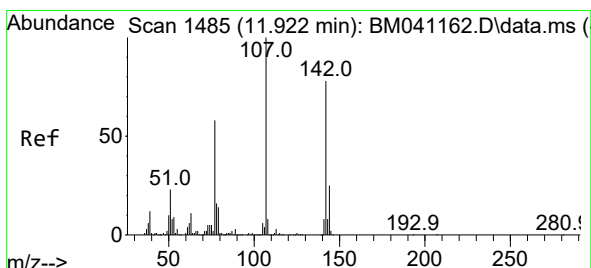
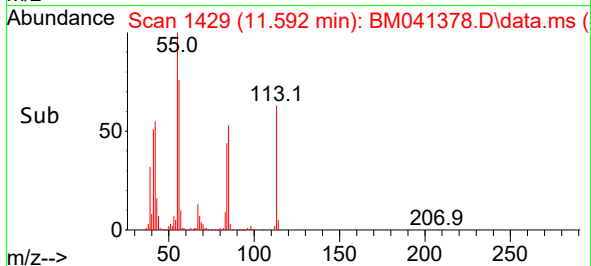
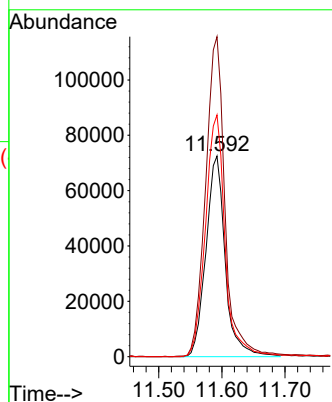
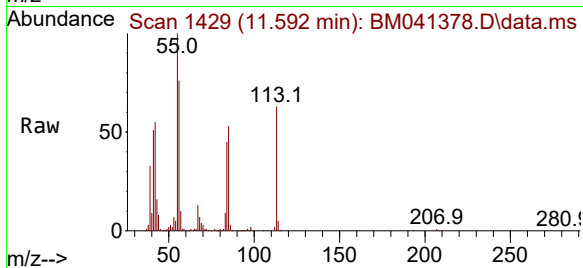
Tgt Ion:113 Resp: 153916

Ion Ratio Lower Upper

113 100

55 159.5 162.5 202.5#

56 120.5 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 44.744 ng

RT: 11.898 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

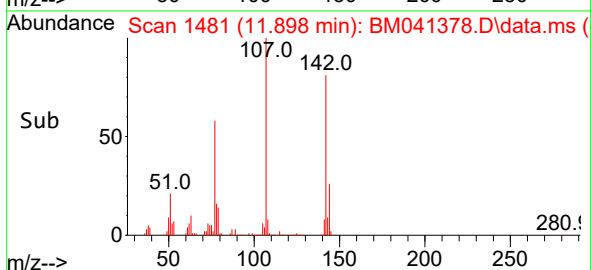
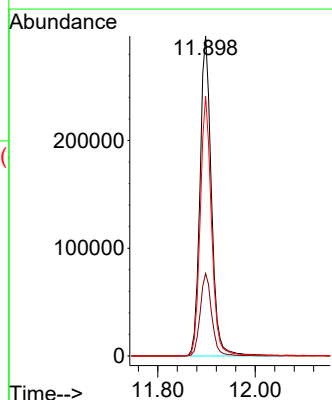
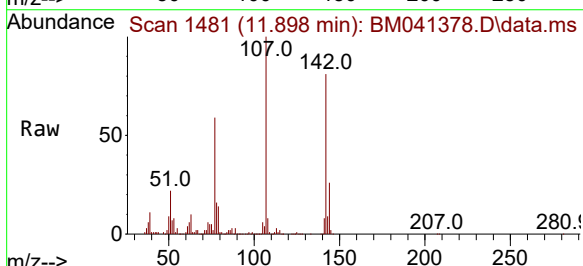
Tgt Ion:107 Resp: 485863

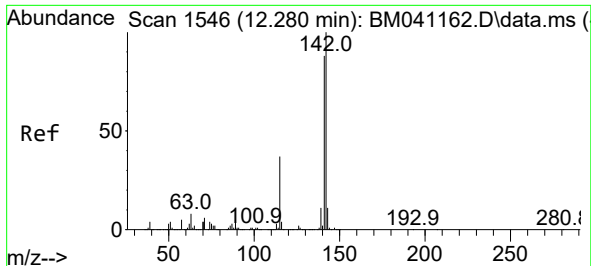
Ion Ratio Lower Upper

107 100

144 25.8 20.1 30.1

142 81.2 62.2 93.4





#37

2-Methylnaphthalene

Concen: 40.933 ng

RT: 12.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

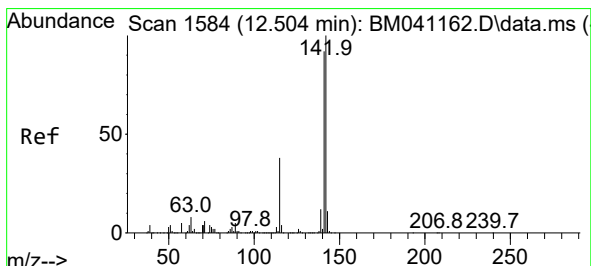
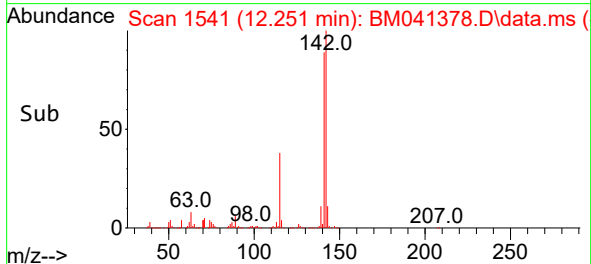
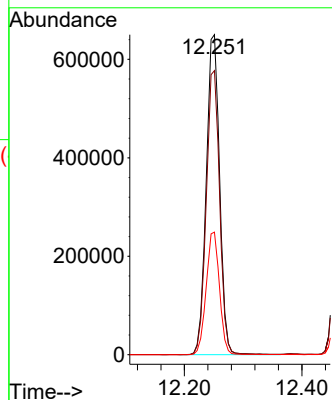
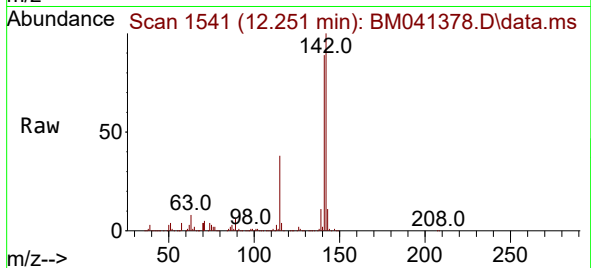
Tgt Ion:142 Resp: 1024168

Ion Ratio Lower Upper

142 100

141 88.7 70.7 106.1

115 38.3 29.3 43.9



#38

1-Methylnaphthalene

Concen: 41.292 ng

RT: 12.469 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

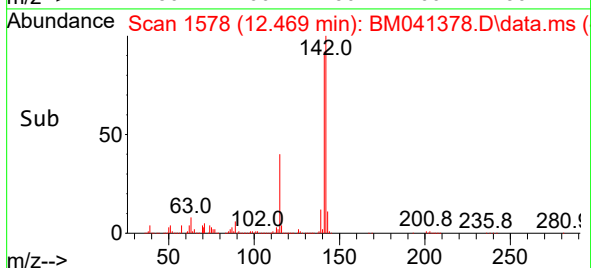
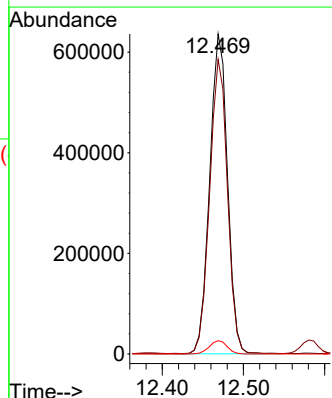
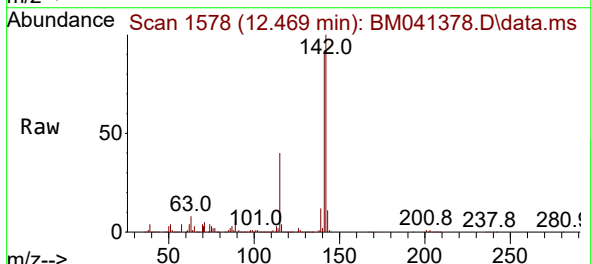
Tgt Ion:142 Resp: 966965

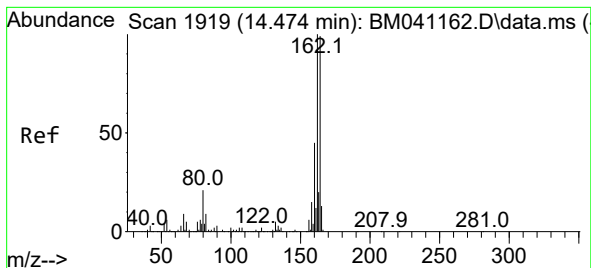
Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.2

116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

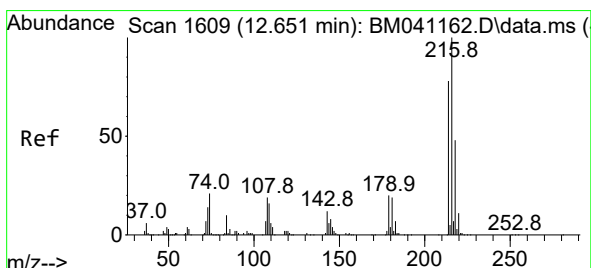
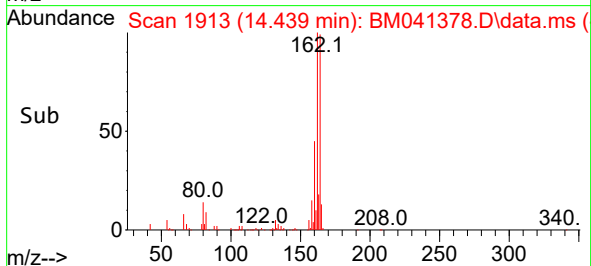
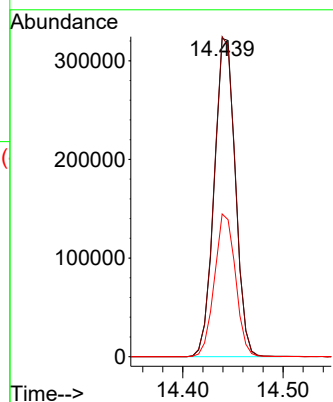
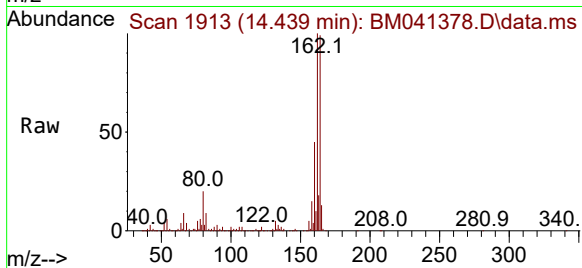
Tgt Ion:164 Resp: 471636

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

160 44.9 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.696 ng

RT: 12.622 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Tgt Ion:216 Resp: 561984

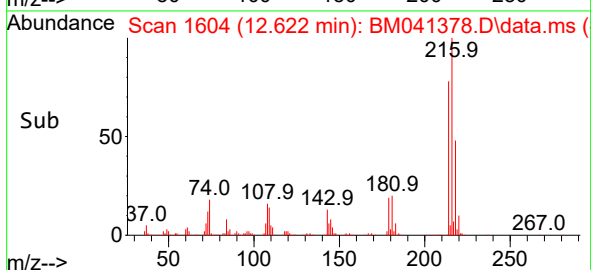
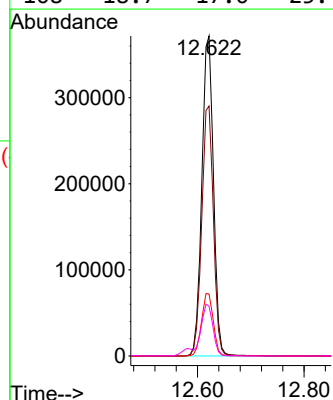
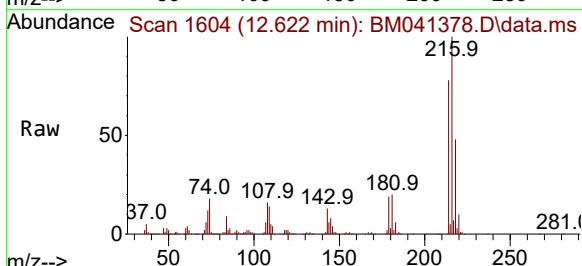
Ion Ratio Lower Upper

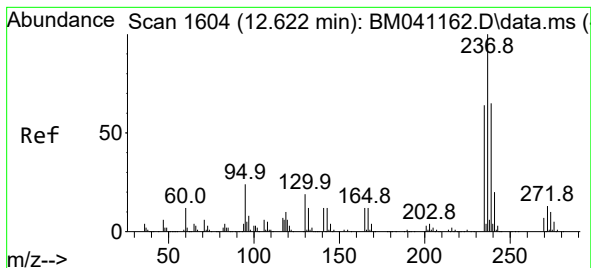
216 100

214 78.5 63.2 94.8

179 19.8 16.2 24.2

108 18.7 17.0 25.4

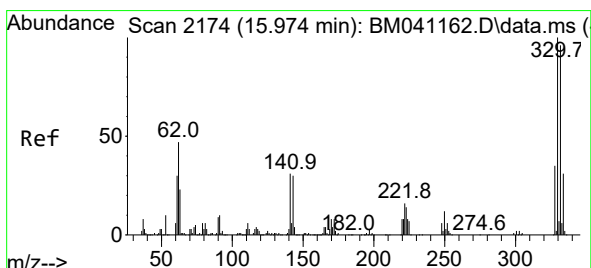
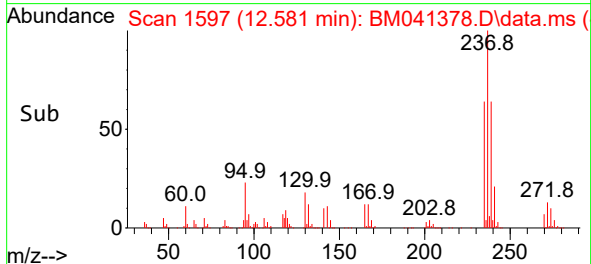
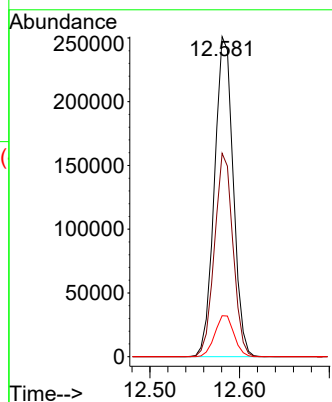
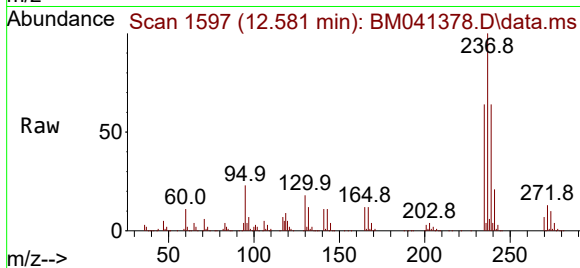




#41
Hexachlorocyclopentadiene
Concen: 44.925 ng
RT: 12.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

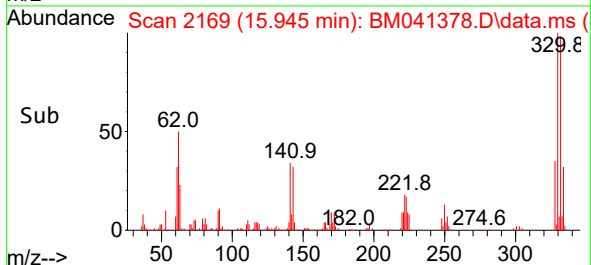
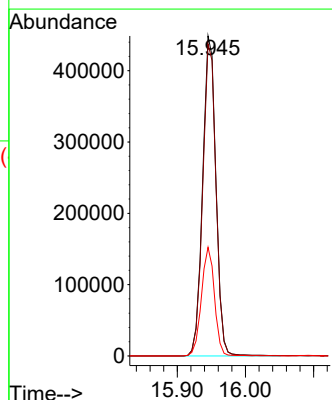
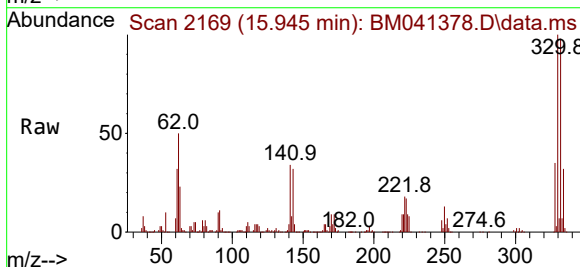
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

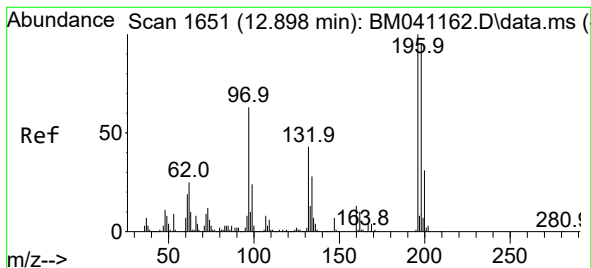
Tgt Ion:237 Resp: 363991
Ion Ratio Lower Upper
237 100
235 63.5 43.6 83.6
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 91.152 ng
RT: 15.945 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:330 Resp: 608079
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 33.4 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 40.317 ng

RT: 12.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

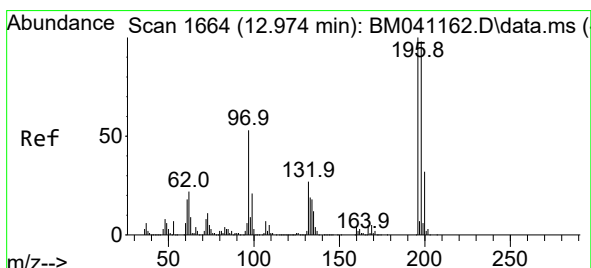
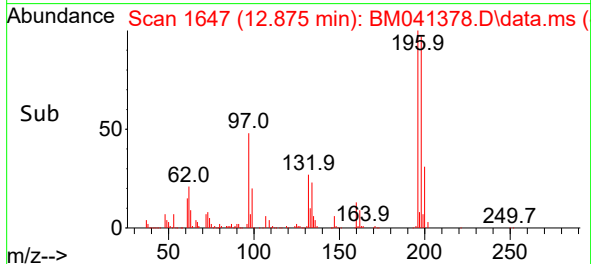
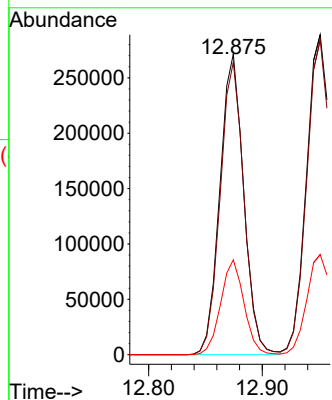
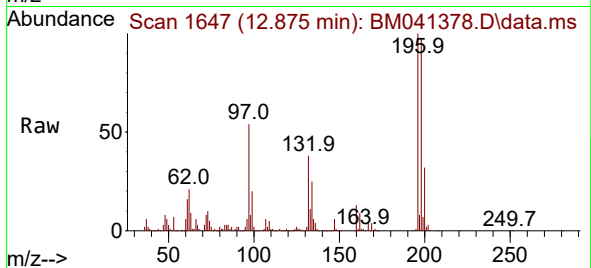
Tgt Ion:196 Resp: 395744

Ion Ratio Lower Upper

196 100

198 97.3 76.2 114.4

200 31.6 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 41.068 ng

RT: 12.951 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Tgt Ion:196 Resp: 466577

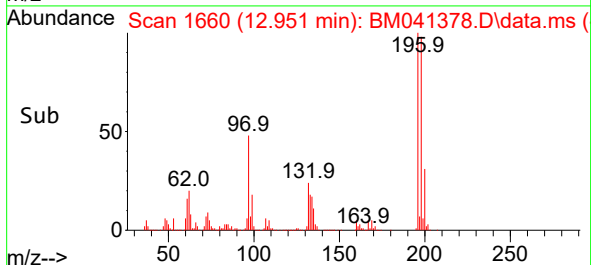
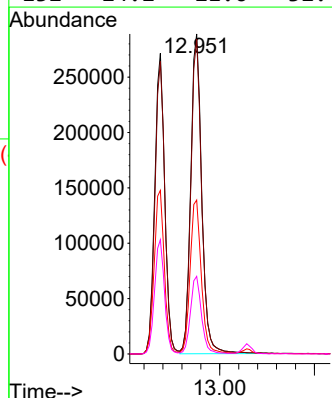
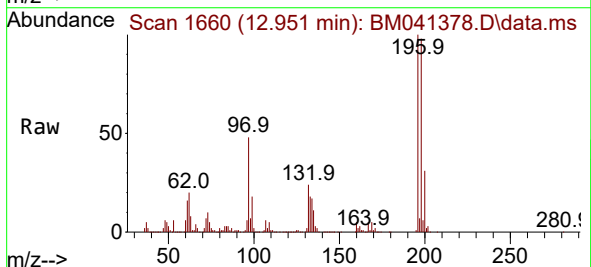
Ion Ratio Lower Upper

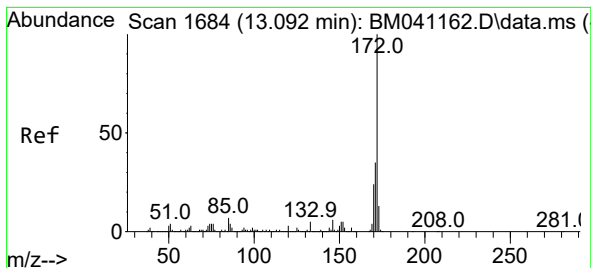
196 100

198 98.4 78.2 117.4

97 48.1 42.7 64.1

132 24.2 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 70.124 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

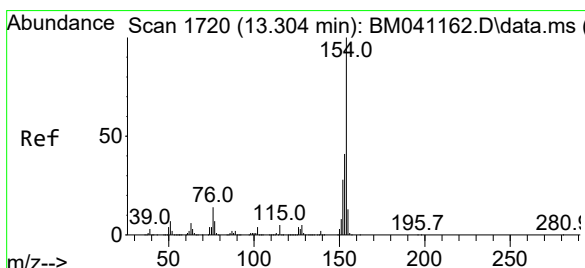
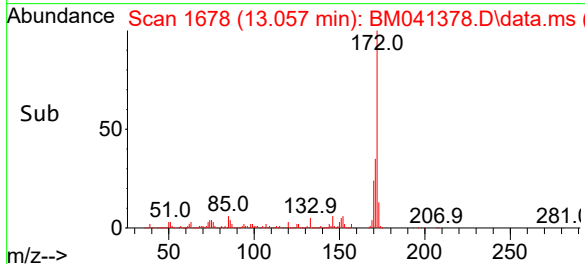
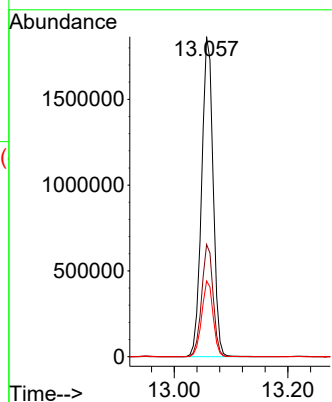
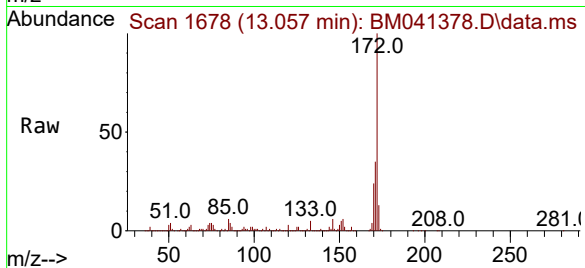
Tgt Ion:172 Resp: 2618099

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 34.716 ng

RT: 13.269 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

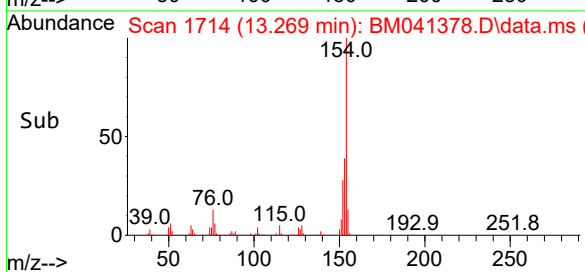
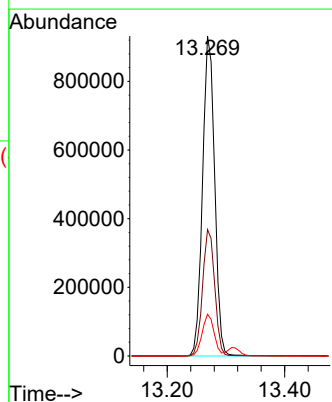
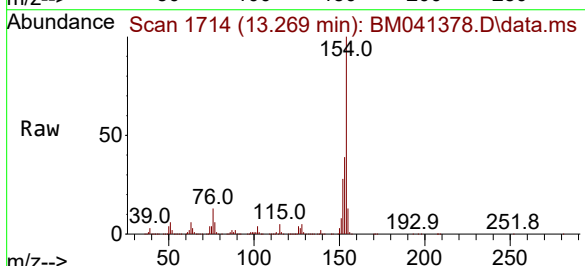
Tgt Ion:154 Resp: 1327369

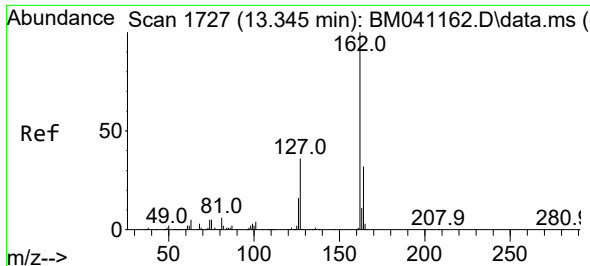
Ion Ratio Lower Upper

154 100

153 39.5 20.5 60.5

76 13.1 0.0 34.1

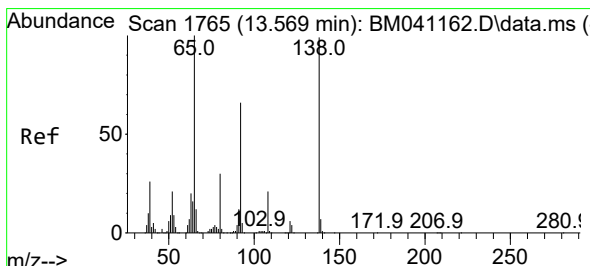
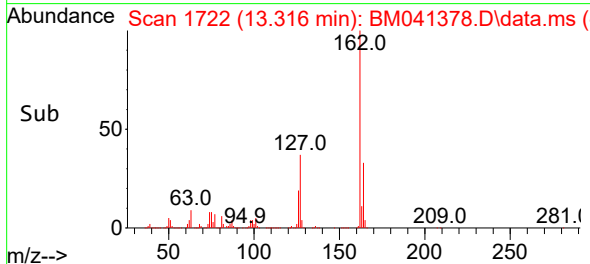
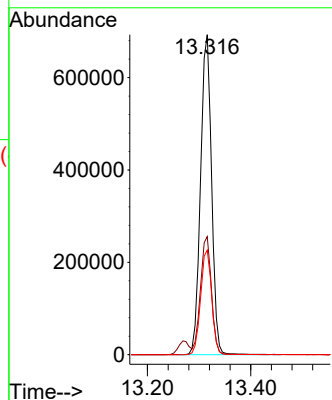
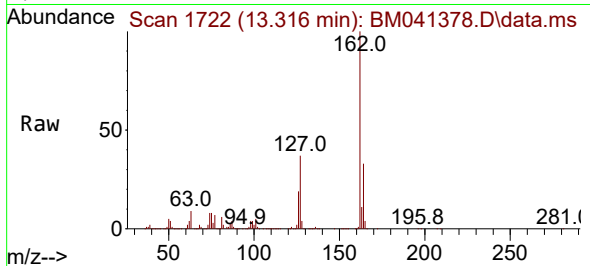




#47
2-Chloronaphthalene
Concen: 35.888 ng
RT: 13.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

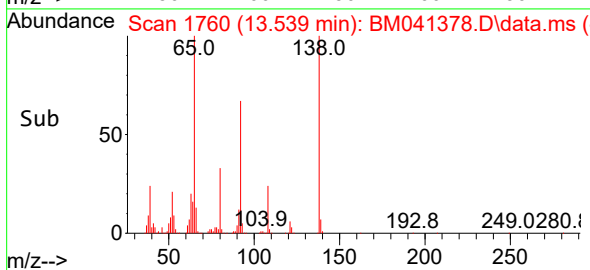
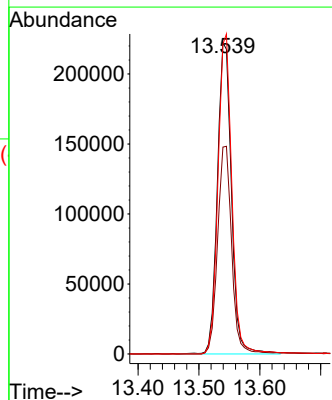
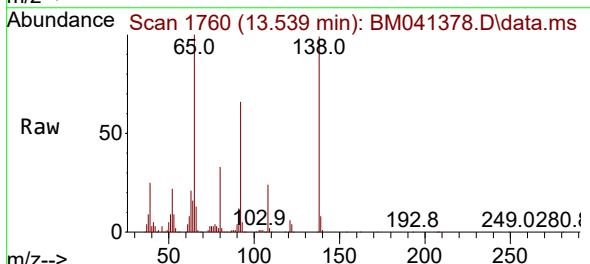
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

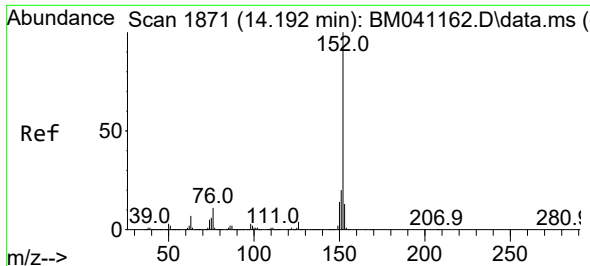
Tgt Ion:162 Resp: 1024578
Ion Ratio Lower Upper
162 100
127 36.9 30.6 45.8
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 39.108 ng
RT: 13.539 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion: 65 Resp: 356383
Ion Ratio Lower Upper
65 100
92 66.5 53.0 79.4
138 99.4 79.1 118.7

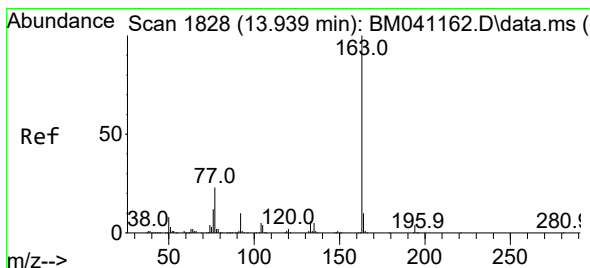
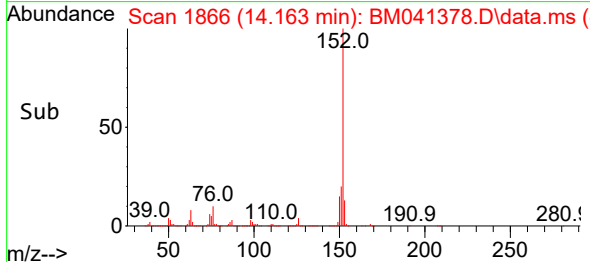
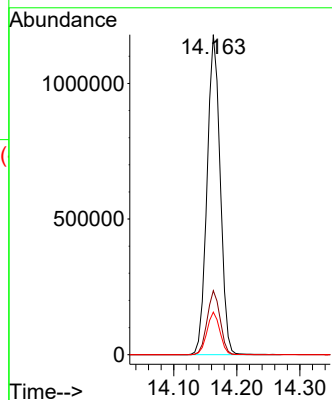
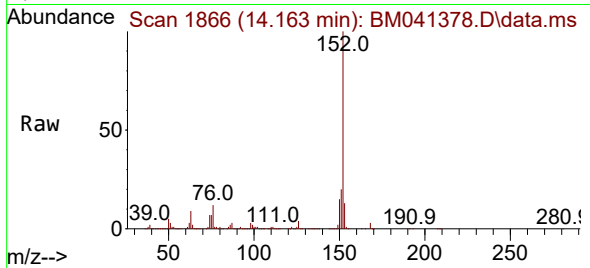




#49
Acenaphthylene
Concen: 36.934 ng
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

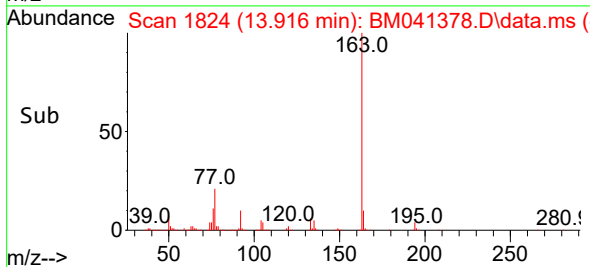
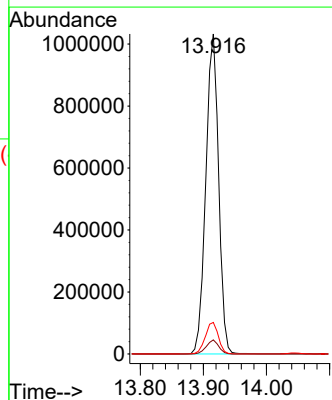
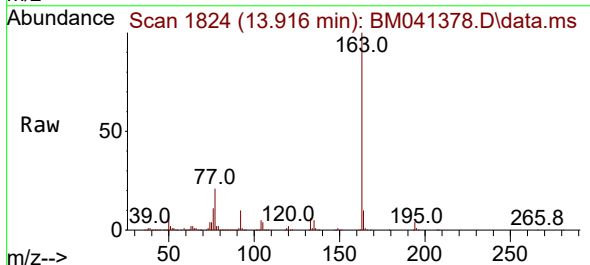
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

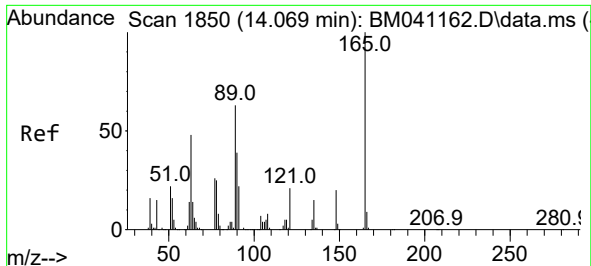
Tgt Ion:152 Resp: 1701922
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 41.030 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:163 Resp: 1455614
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.9 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 43.070 ng

RT: 14.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

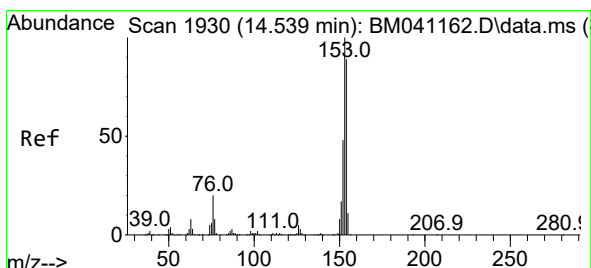
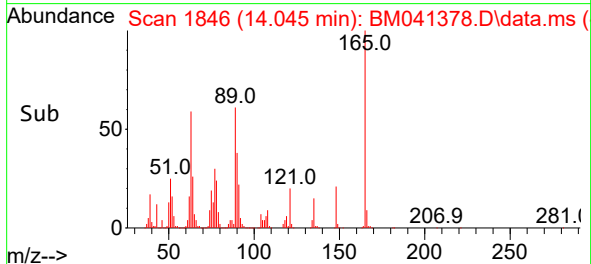
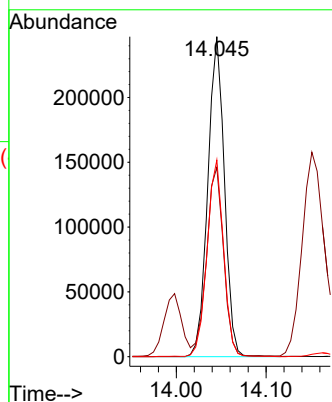
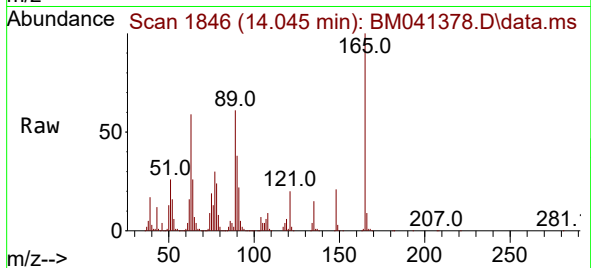
Tgt Ion:165 Resp: 316607

Ion Ratio Lower Upper

165 100

63 59.2 50.9 76.3

89 61.4 50.6 76.0



#52

Acenaphthene

Concen: 36.464 ng

RT: 14.510 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

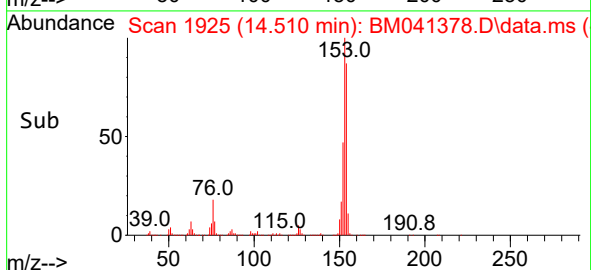
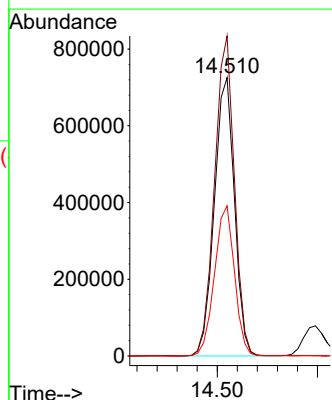
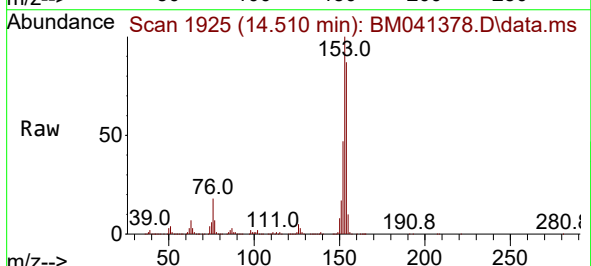
Tgt Ion:154 Resp: 1012235

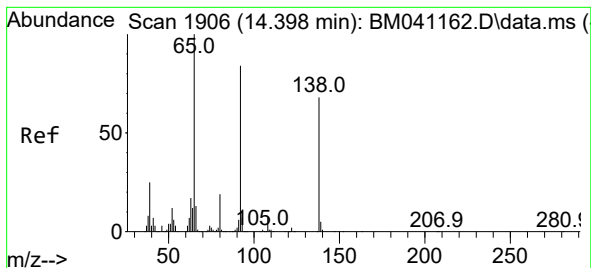
Ion Ratio Lower Upper

154 100

153 114.9 90.2 135.4

152 53.9 43.4 65.0

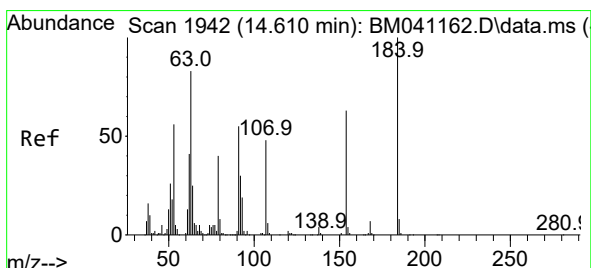
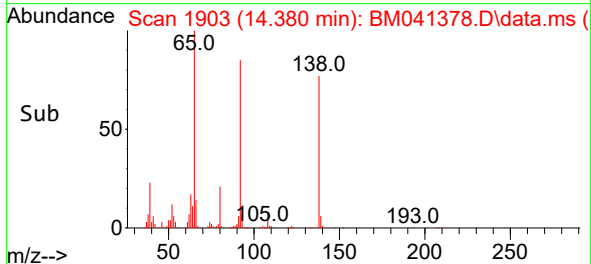
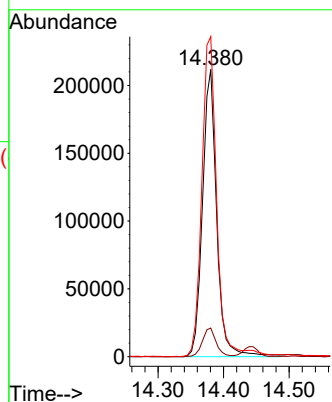
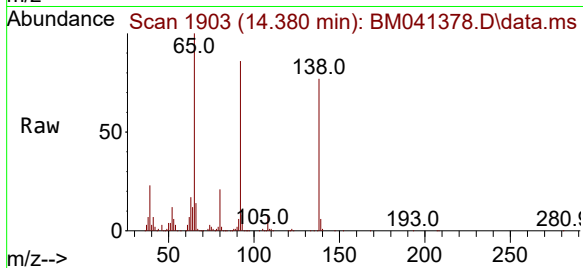




#53
3-Nitroaniline
Concen: 38.084 ng
RT: 14.380 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

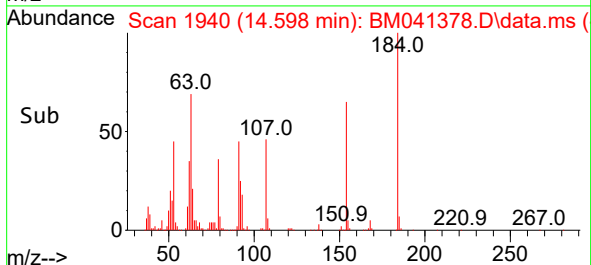
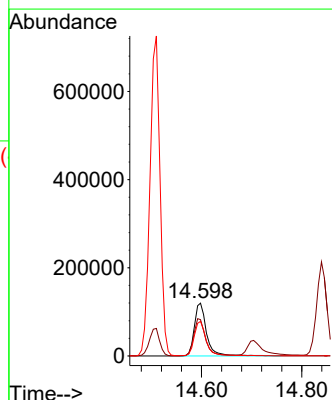
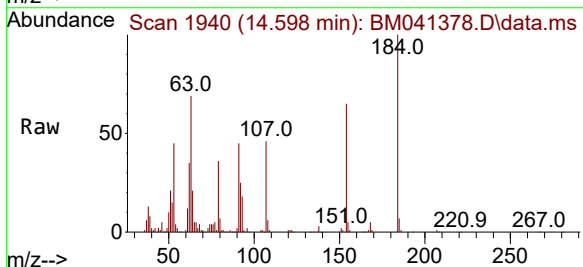
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

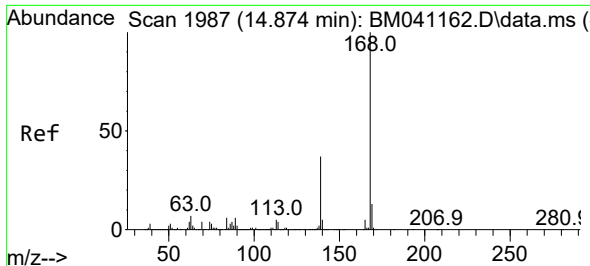
Tgt Ion:138 Resp: 319166
Ion Ratio Lower Upper
138 100
108 10.0 7.6 11.4
92 111.4 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 43.608 ng
RT: 14.598 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:184 Resp: 202263
Ion Ratio Lower Upper
184 100
63 68.8 66.5 99.7
154 65.4 52.8 79.2

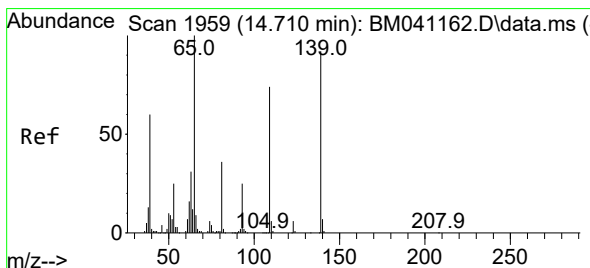
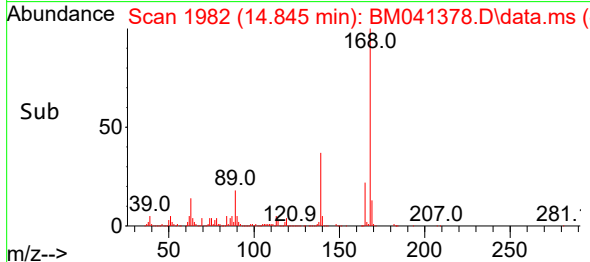
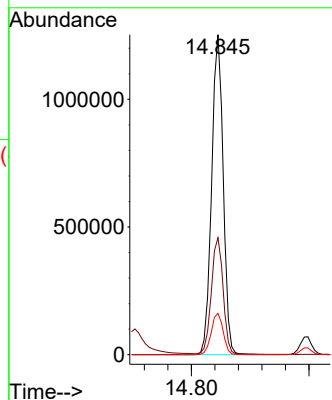
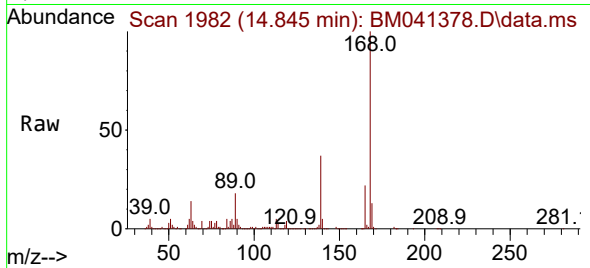




#55
 Dibenzofuran
 Concen: 37.698 ng
 RT: 14.845 min Scan# 1987
 Delta R.T. -0.006 min
 Lab File: BM041378.D
 Acq: 11 Aug 2023 08:49

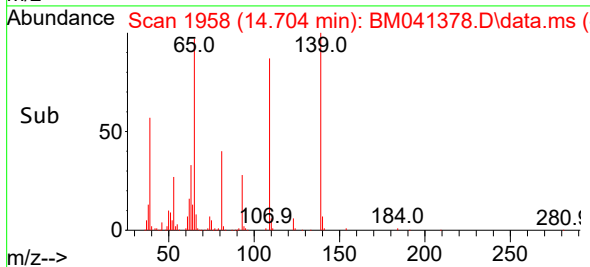
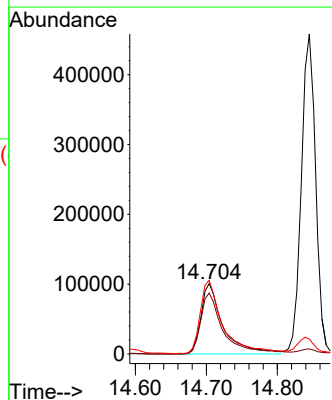
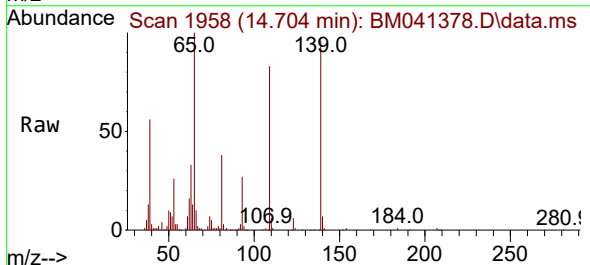
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

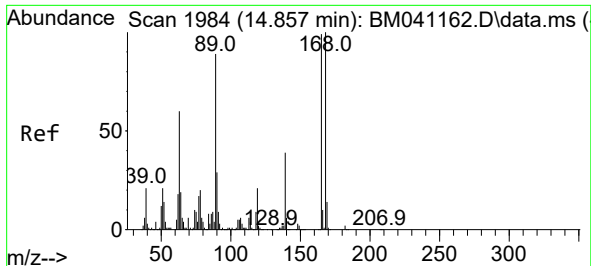
Tgt Ion:168 Resp: 1707416
 Ion Ratio Lower Upper
 168 100
 139 36.6 29.8 44.6
 169 12.9 10.5 15.7



#56
 4-Nitrophenol
 Concen: 35.710 ng
 RT: 14.704 min Scan# 1958
 Delta R.T. -0.012 min
 Lab File: BM041378.D
 Acq: 11 Aug 2023 08:49

Tgt Ion:139 Resp: 218776
 Ion Ratio Lower Upper
 139 100
 109 86.5 61.2 101.2
 65 104.5 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 43.045 ng

RT: 14.839 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 448797

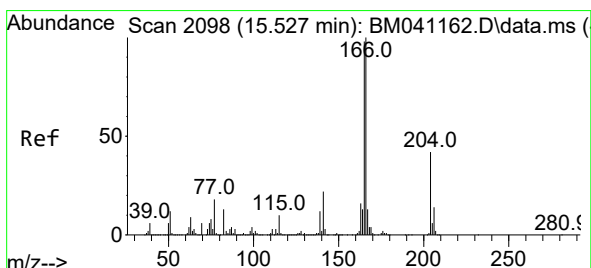
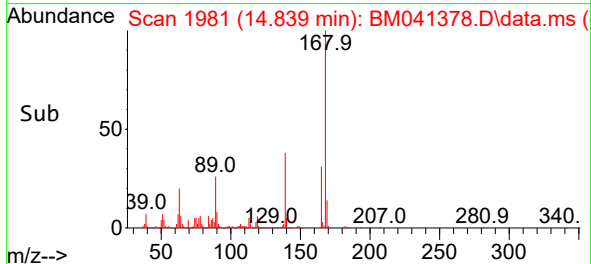
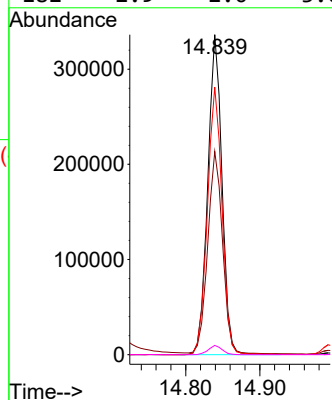
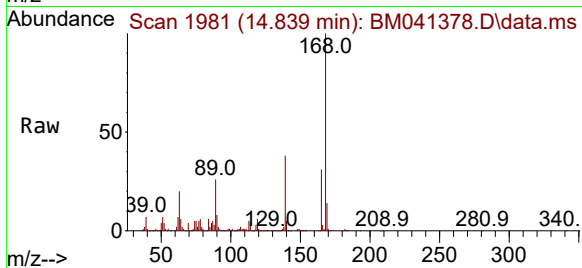
Ion Ratio Lower Upper

165 100

63 63.5 48.3 72.5

89 83.6 71.8 107.8

182 2.9 2.0 3.0



#58

Fluorene

Concen: 38.770 ng

RT: 15.498 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

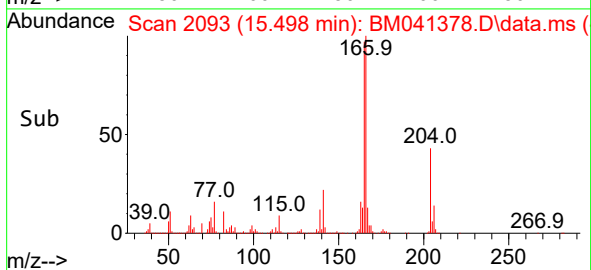
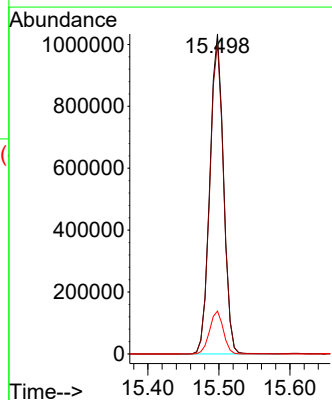
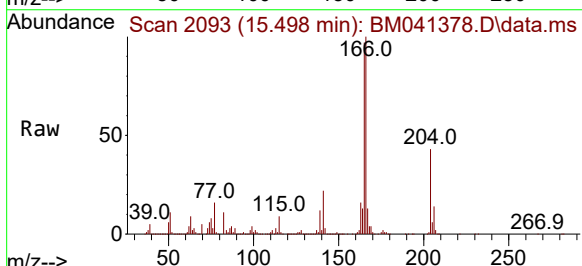
Tgt Ion:166 Resp: 1385259

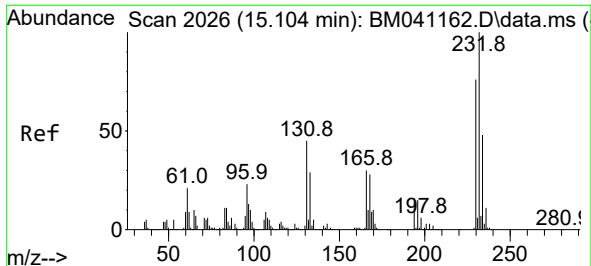
Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.4

167 13.4 10.6 16.0

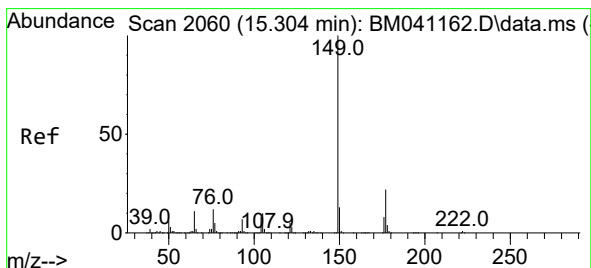
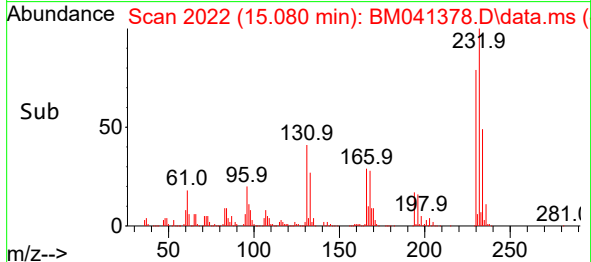
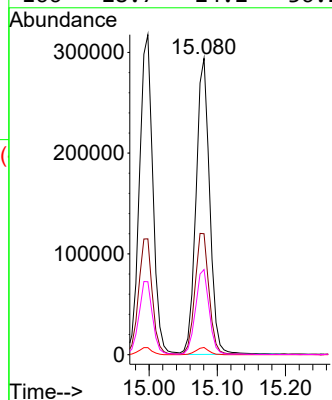
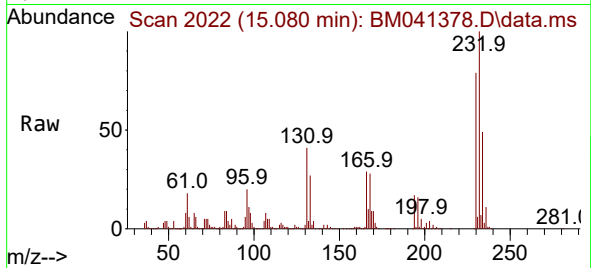




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.269 ng
RT: 15.080 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

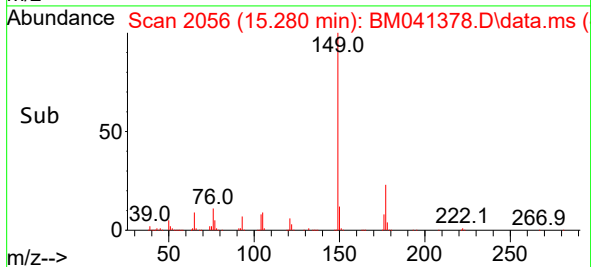
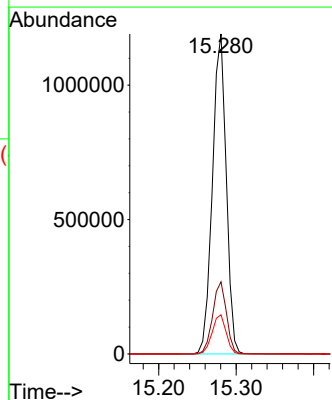
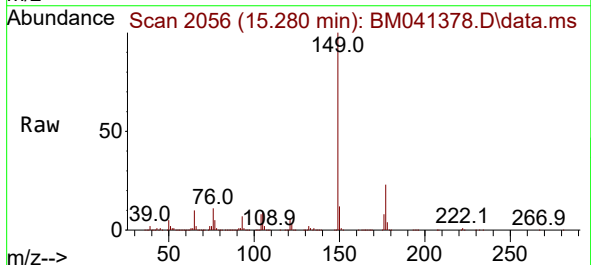
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

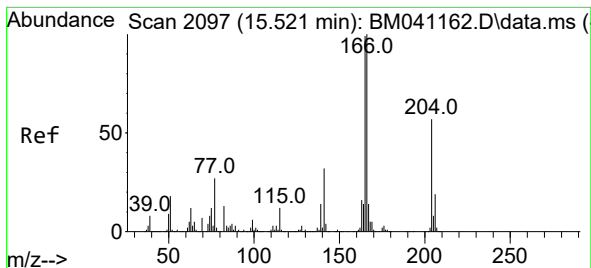
Tgt Ion:232 Resp: 407262
Ion Ratio Lower Upper
232 100
131 42.1 36.9 55.3
130 2.4 2.0 3.0
166 28.7 24.2 36.2



#60
Diethylphthalate
Concen: 42.857 ng
RT: 15.280 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:149 Resp: 1470366
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.3 10.1 15.1

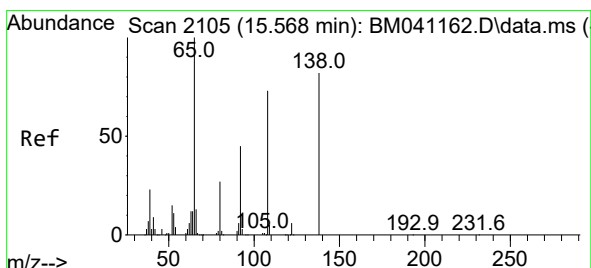
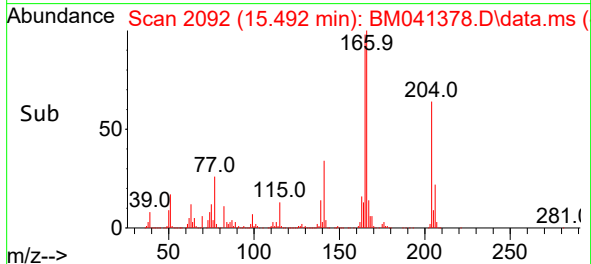
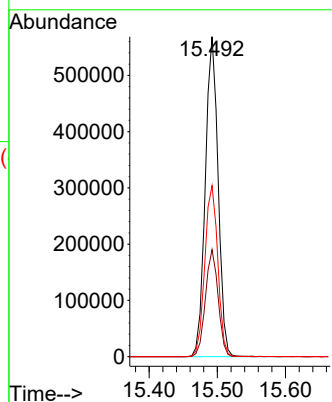
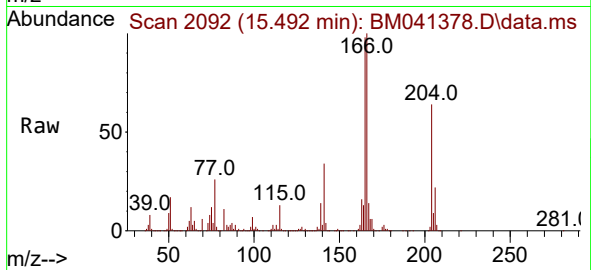




#61
4-Chlorophenyl-phenylether
Concen: 41.414 ng
RT: 15.492 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

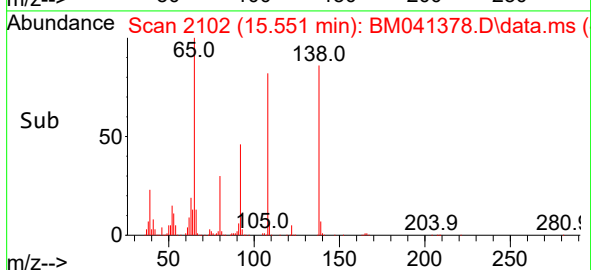
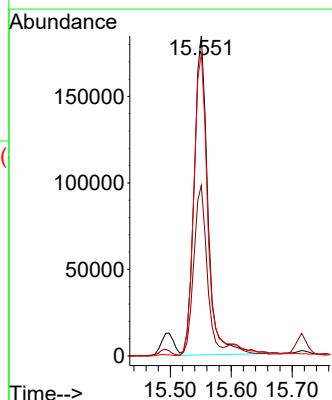
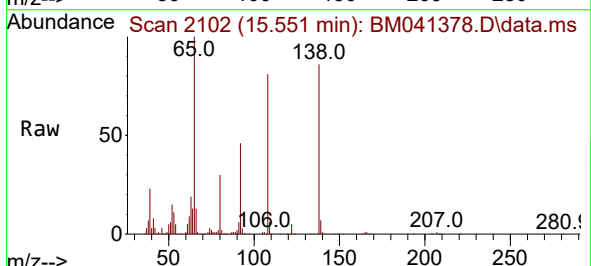
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

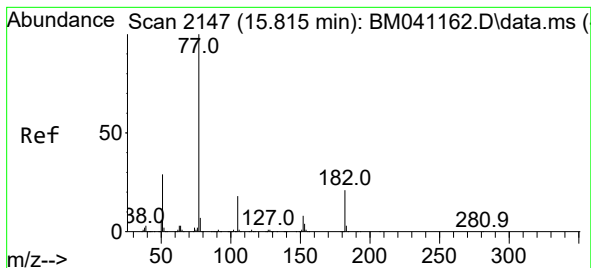
Tgt Ion:204 Resp: 741511
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 53.5 44.8 67.2



#62
4-Nitroaniline
Concen: 37.928 ng
RT: 15.551 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:138 Resp: 289893
Ion Ratio Lower Upper
138 100
92 53.3 35.1 75.1
108 94.7 67.8 107.8





#63

Azobenzene

Concen: 38.651 ng

RT: 15.786 min Scan# 2147

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1452552

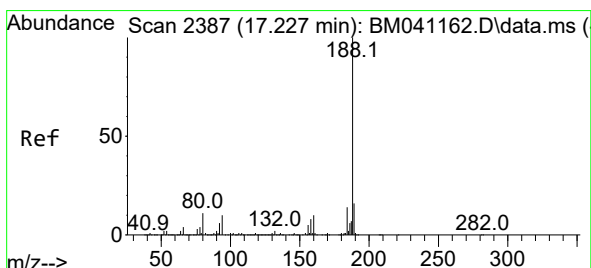
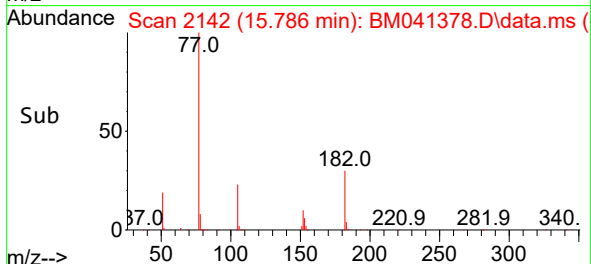
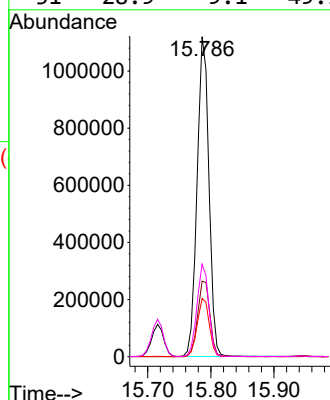
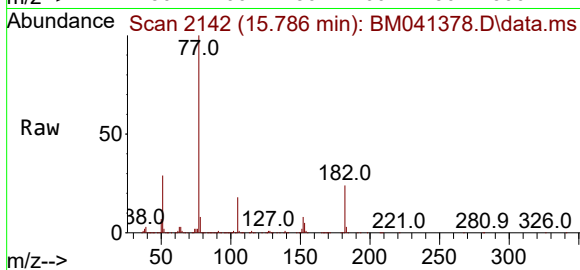
Ion Ratio Lower Upper

77 100

182 23.6 1.3 41.3

105 18.2 0.0 38.5

51 28.9 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

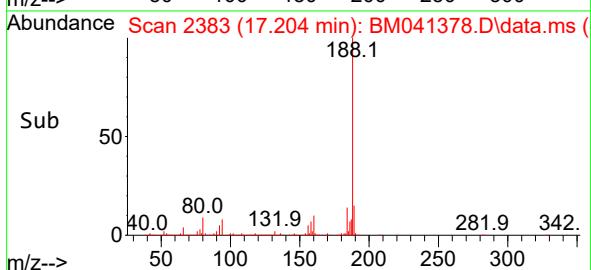
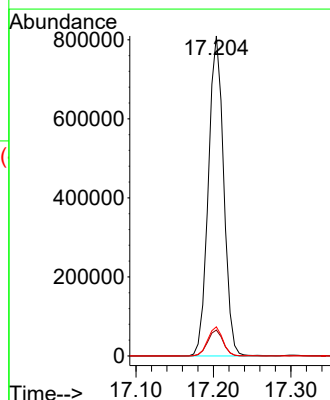
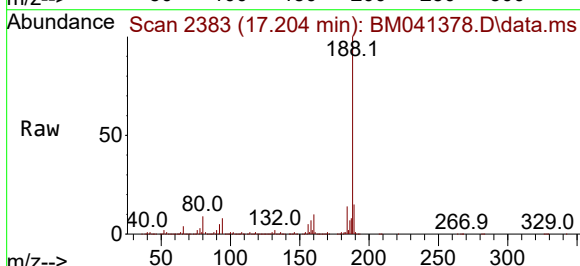
Tgt Ion:188 Resp: 1110674

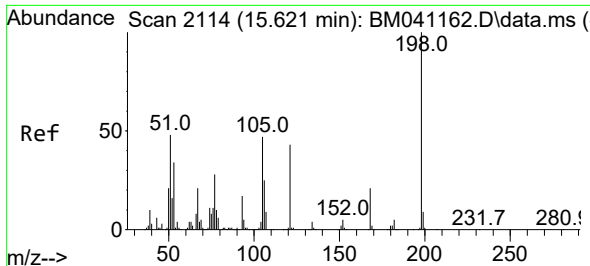
Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 9.1 8.6 13.0

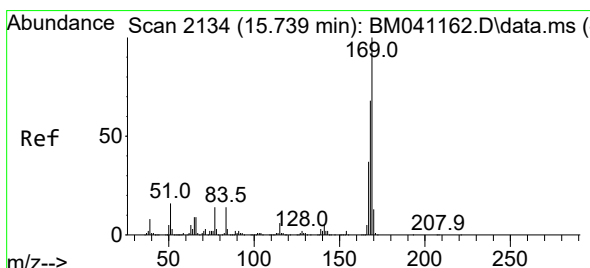
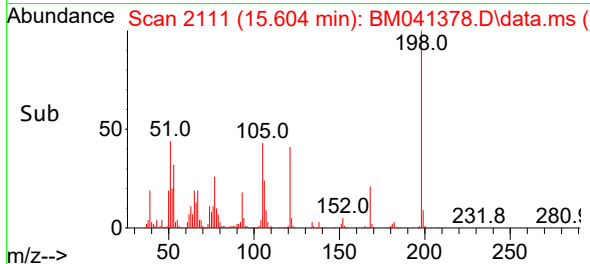
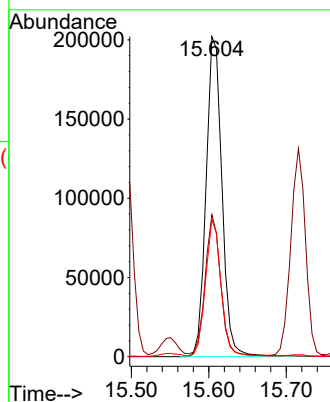
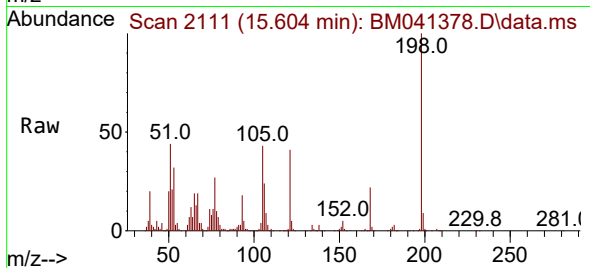




#65
4,6-Dinitro-2-methylphenol
Concen: 42.761 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

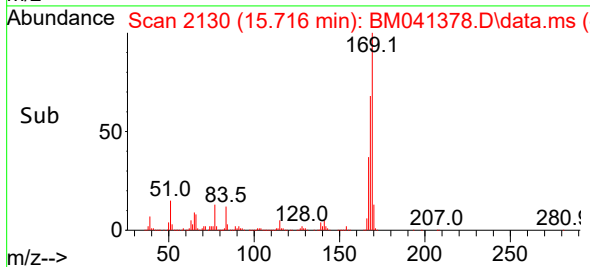
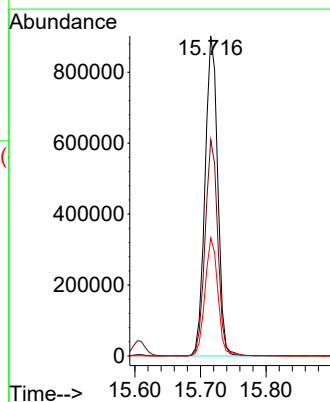
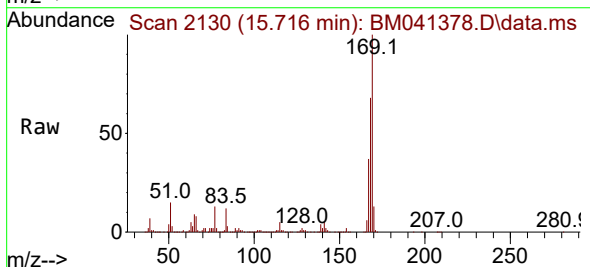
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

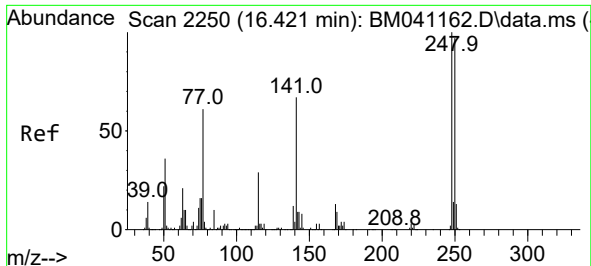
Tgt Ion:198 Resp: 287713
Ion Ratio Lower Upper
198 100
51 44.3 31.7 71.7
105 42.9 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 35.127 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:169 Resp: 1213395
Ion Ratio Lower Upper
169 100
168 67.5 54.6 81.8
167 36.8 29.9 44.9

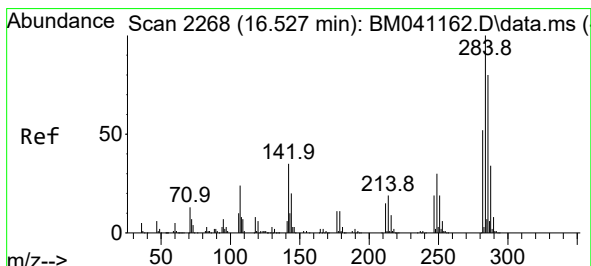
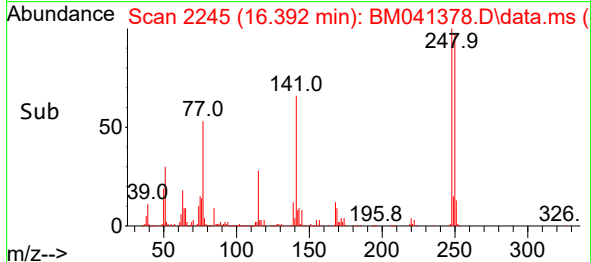
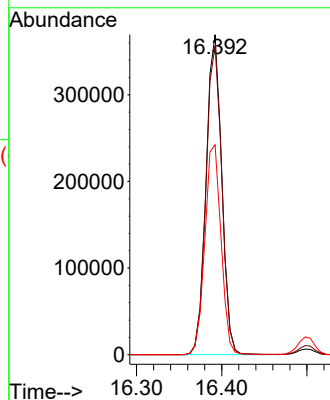
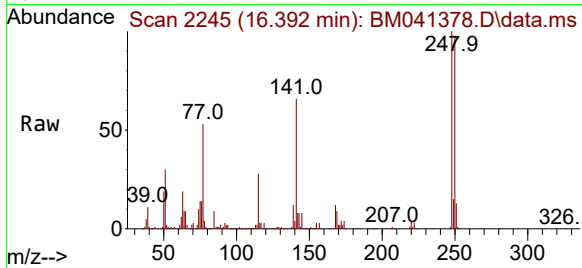




#67
4-Bromophenyl-phenylether
Concen: 38.875 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

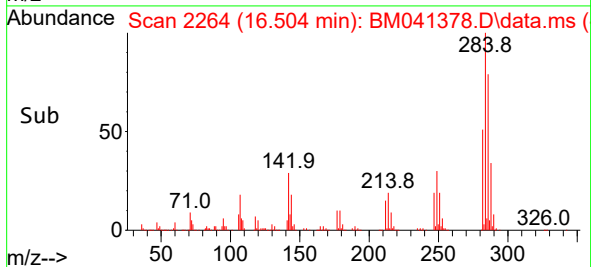
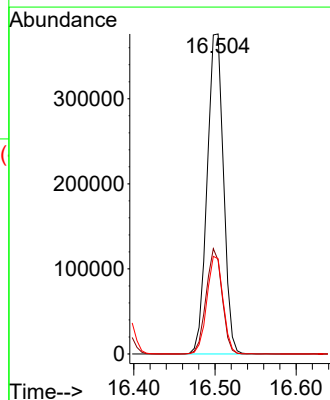
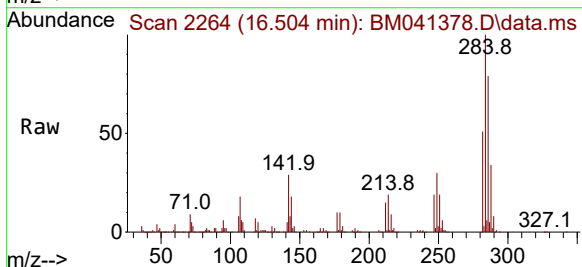
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

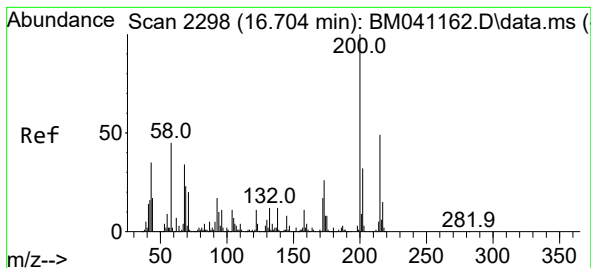
Tgt Ion:248 Resp: 473411
Ion Ratio Lower Upper
248 100
250 96.6 78.0 117.0
141 65.6 53.8 80.8



#68
Hexachlorobenzene
Concen: 38.758 ng
RT: 16.504 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:284 Resp: 524829
Ion Ratio Lower Upper
284 100
142 29.3 28.0 42.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 43.354 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

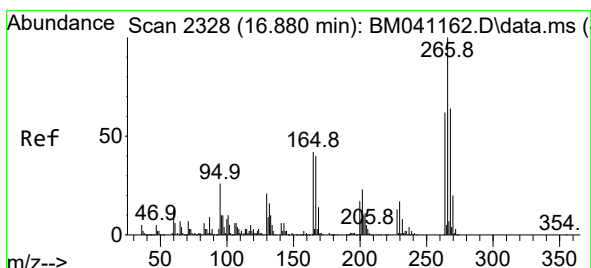
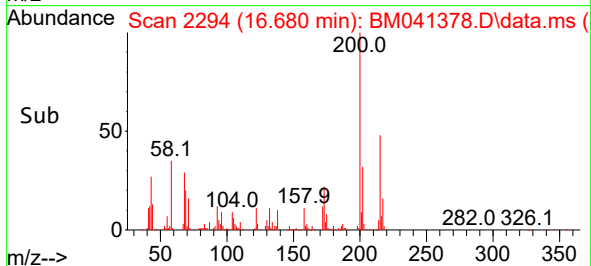
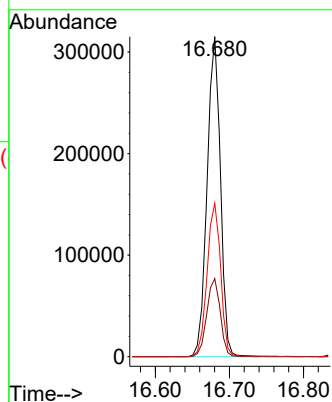
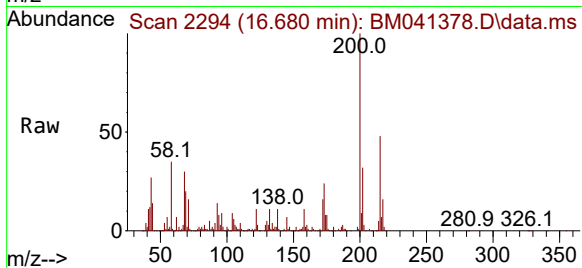
Tgt Ion:200 Resp: 393280

Ion Ratio Lower Upper

200 100

173 24.4 5.6 45.6

215 48.0 28.5 68.5



#70

Pentachlorophenol

Concen: 42.271 ng

RT: 16.857 min Scan# 2324

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

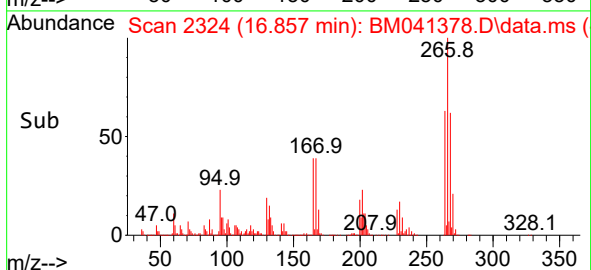
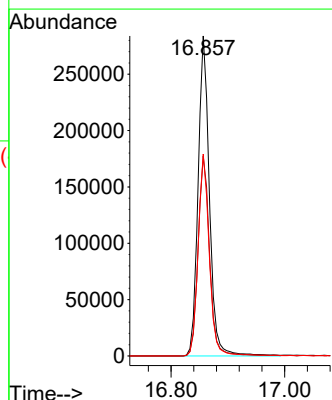
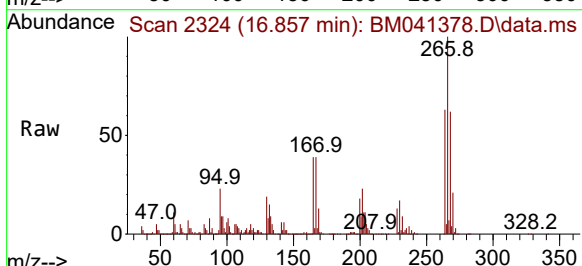
Tgt Ion:266 Resp: 396355

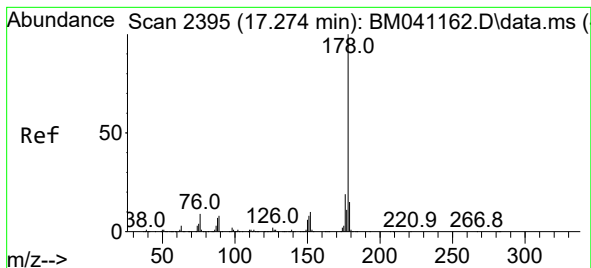
Ion Ratio Lower Upper

266 100

268 62.4 51.0 76.6

264 63.1 49.4 74.2





#71

Phenanthrene

Concen: 36.020 ng

RT: 17.245 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

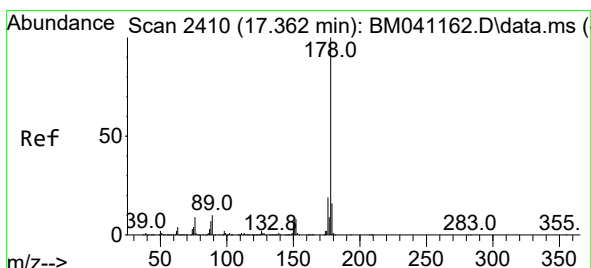
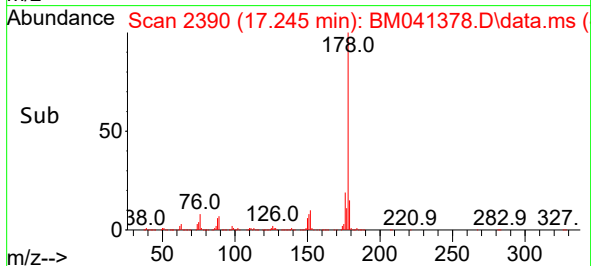
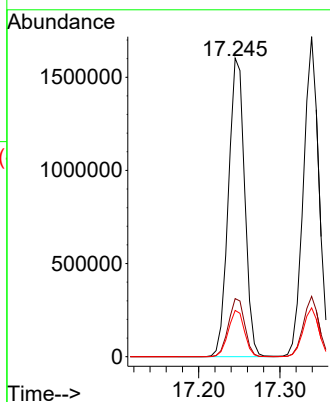
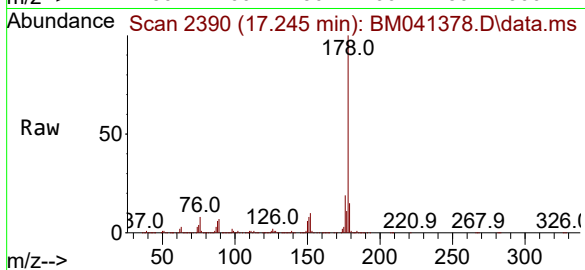
Tgt Ion:178 Resp: 2222764

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.5 12.1 18.1



#72

Anthracene

Concen: 37.443 ng

RT: 17.339 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

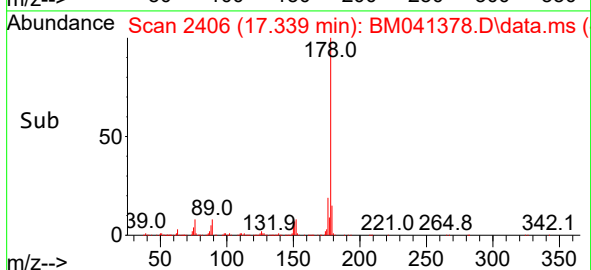
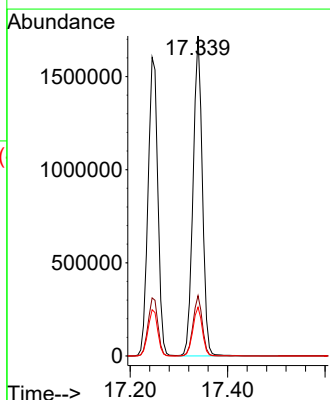
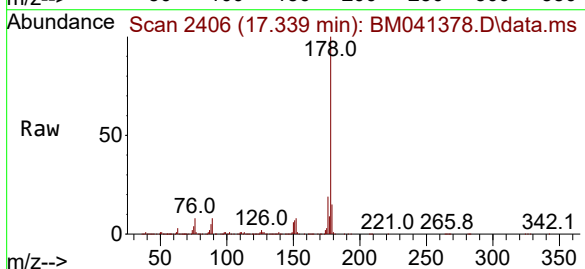
Tgt Ion:178 Resp: 2285200

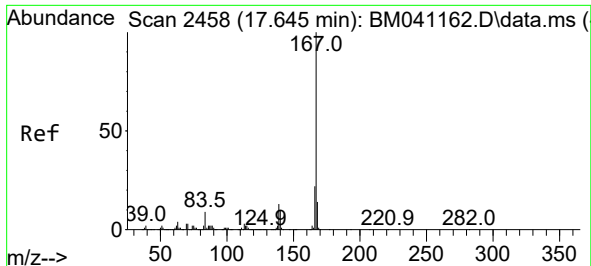
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.2 12.4 18.6

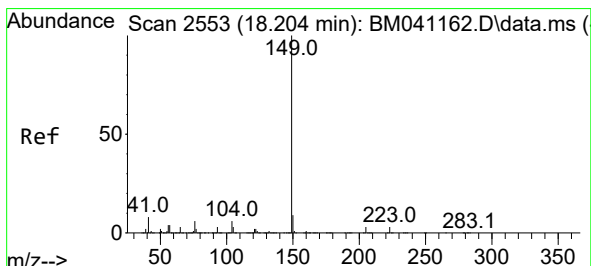
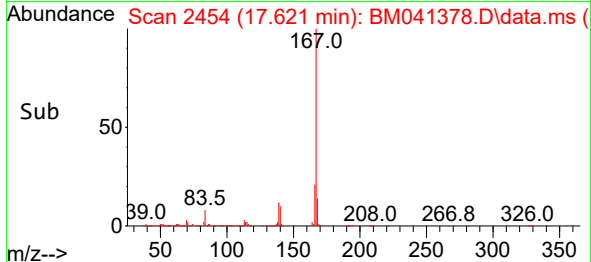
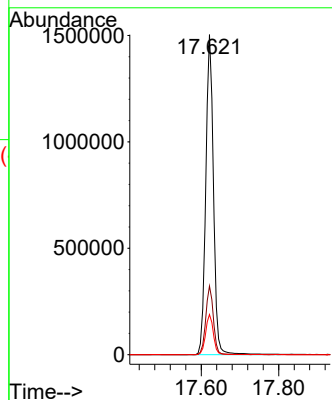
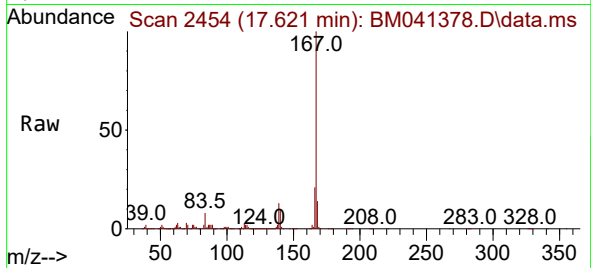




#73
 Carbazole
 Concen: 37.402 ng
 RT: 17.621 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BM041378.D
 Acq: 11 Aug 2023 08:49

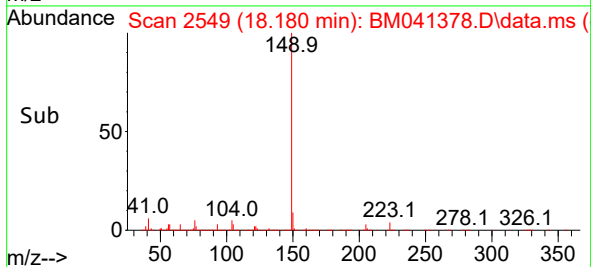
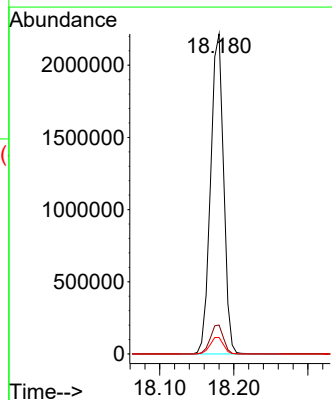
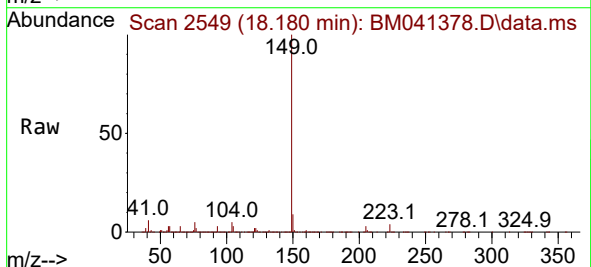
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

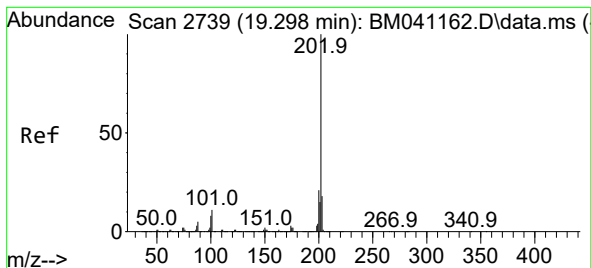
Tgt Ion:167 Resp: 2066114
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.317 ng
 RT: 18.180 min Scan# 2549
 Delta R.T. 0.000 min
 Lab File: BM041378.D
 Acq: 11 Aug 2023 08:49

Tgt Ion:149 Resp: 2703954
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 40.874 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

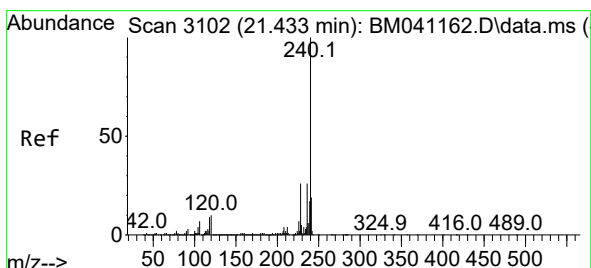
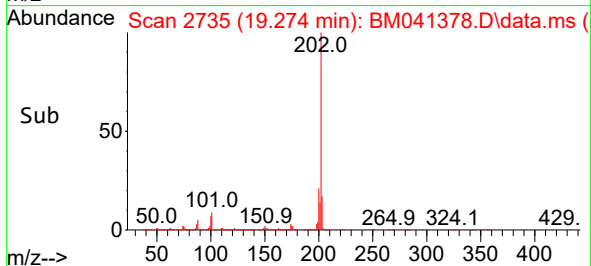
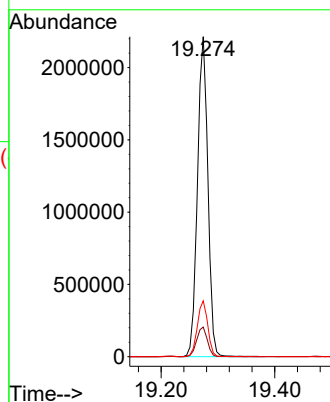
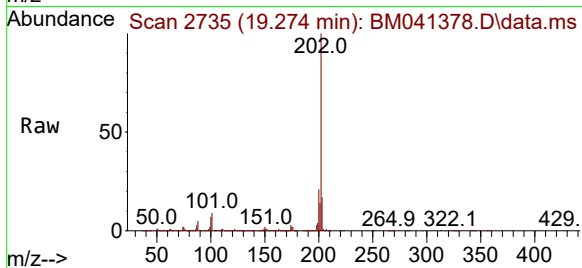
Tgt Ion:202 Resp: 2833769

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.8

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

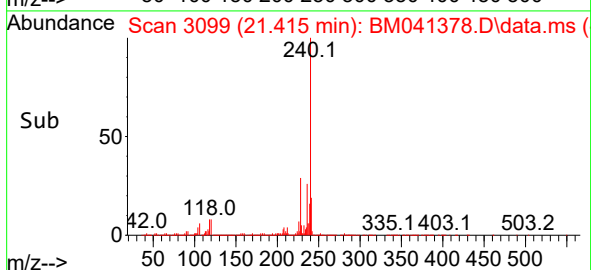
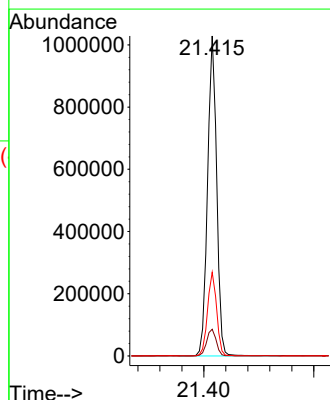
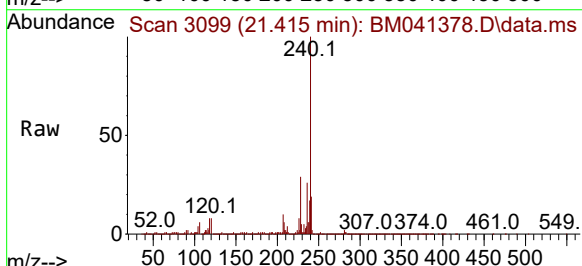
Tgt Ion:240 Resp: 1179806

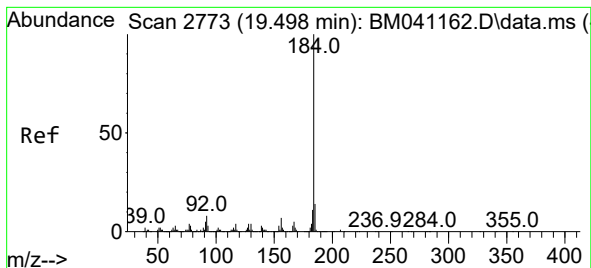
Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

236 26.1 20.6 30.8





#77

Benzidine

Concen: 41.444 ng

RT: 19.474 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

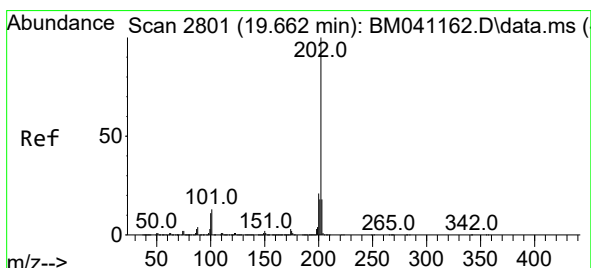
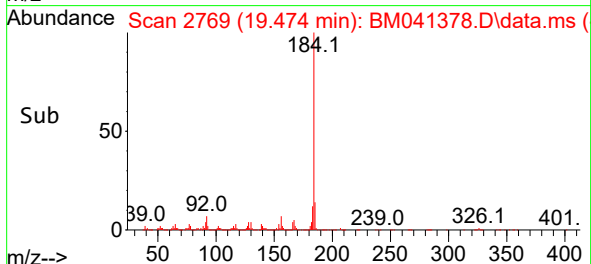
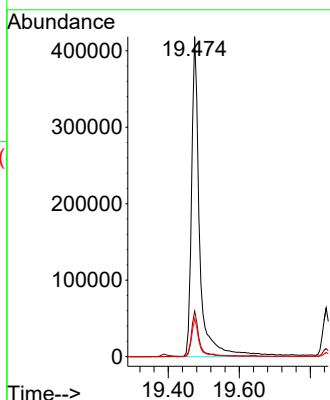
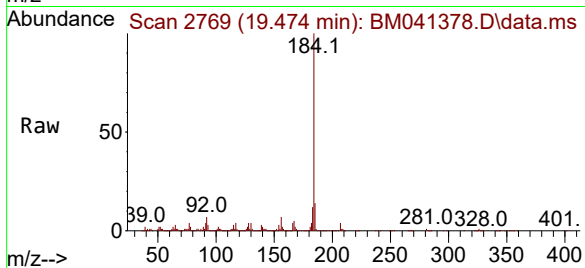
Tgt Ion:184 Resp: 666440

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.8 9.2 13.8



#78

Pyrene

Concen: 35.937 ng

RT: 19.639 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

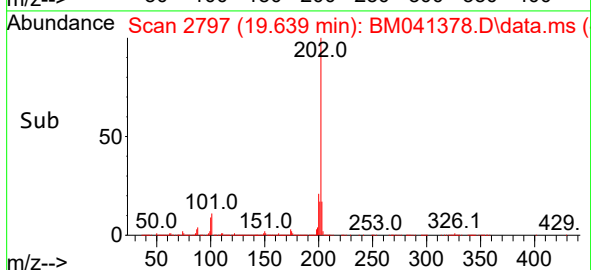
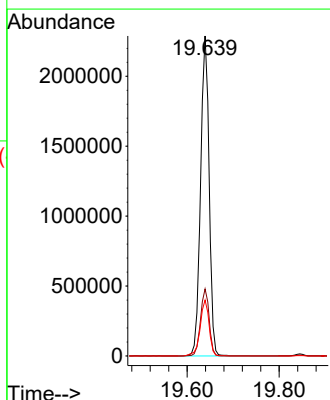
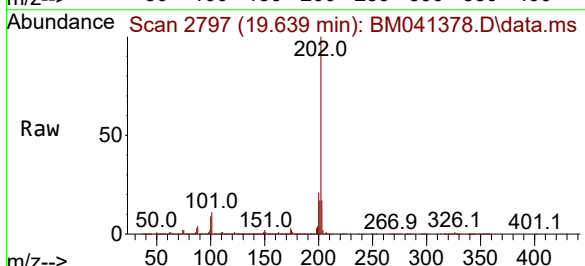
Tgt Ion:202 Resp: 2965036

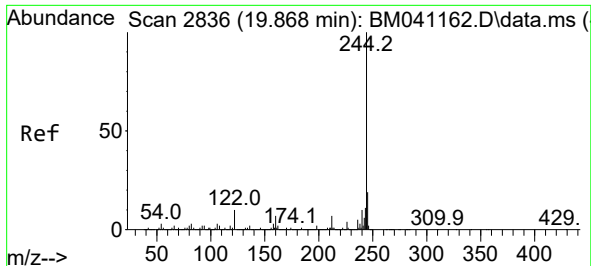
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.4 14.1 21.1

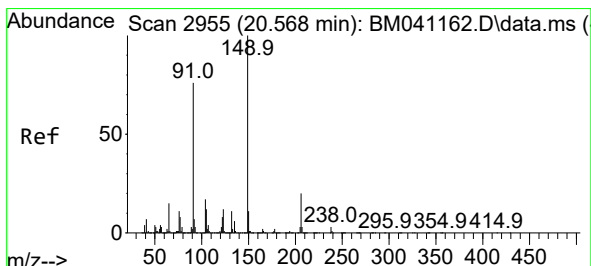
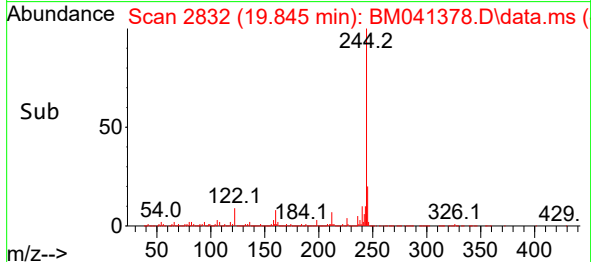
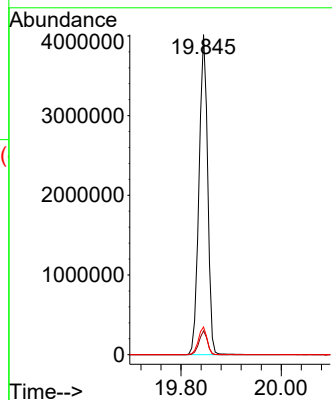
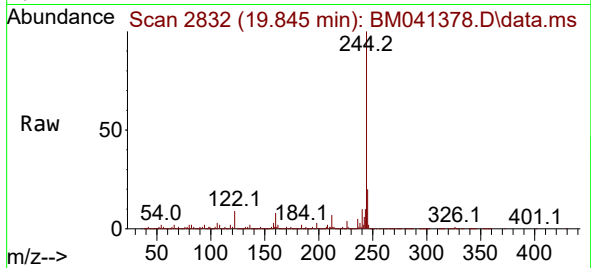




#79
 Terphenyl-d14
 Concen: 73.262 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041378.D
 Acq: 11 Aug 2023 08:49

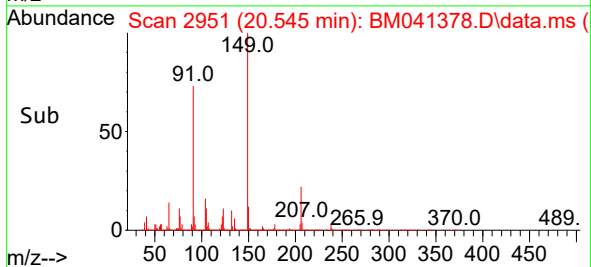
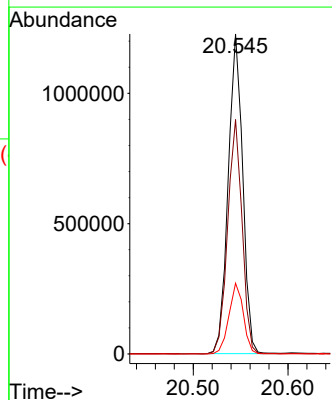
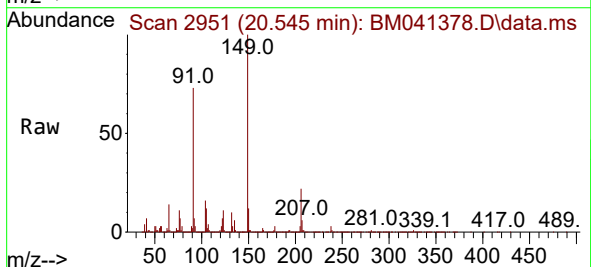
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

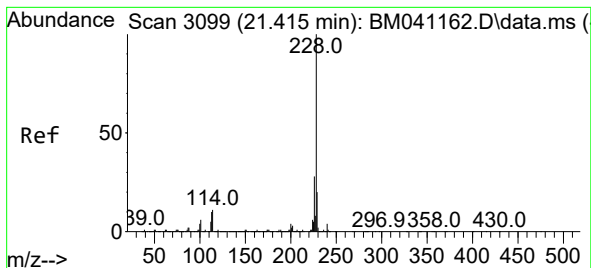
Tgt Ion:244 Resp: 4780566
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 8.6 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 43.392 ng
 RT: 20.545 min Scan# 2951
 Delta R.T. -0.006 min
 Lab File: BM041378.D
 Acq: 11 Aug 2023 08:49

Tgt Ion:149 Resp: 1307388
 Ion Ratio Lower Upper
 149 100
 91 73.3 60.8 91.2
 206 22.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.014 ng

RT: 21.398 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

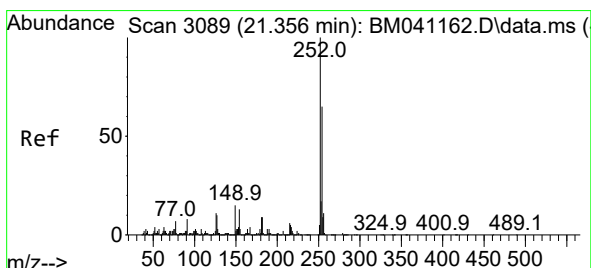
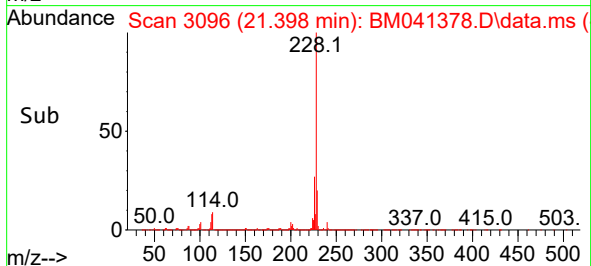
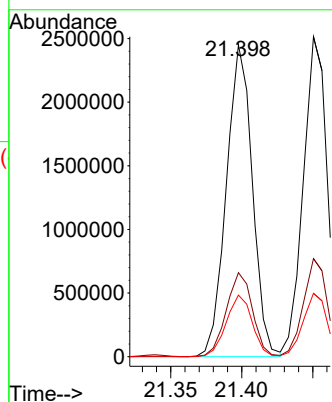
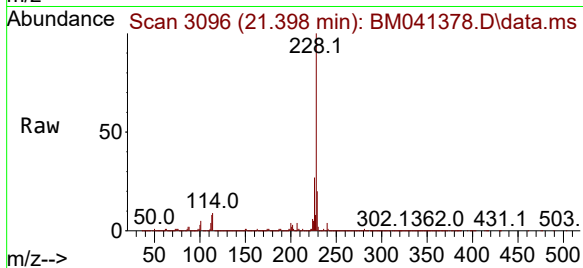
Tgt Ion:228 Resp: 3120375

Ion Ratio Lower Upper

228 100

226 26.9 22.4 33.6

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.081 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

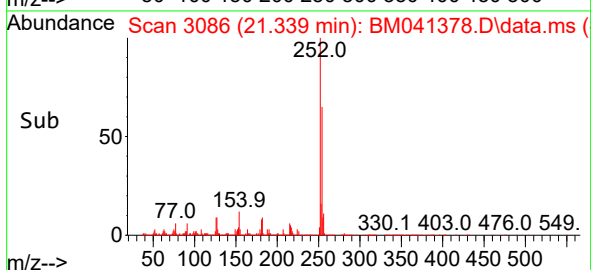
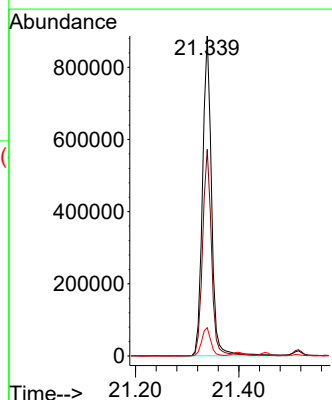
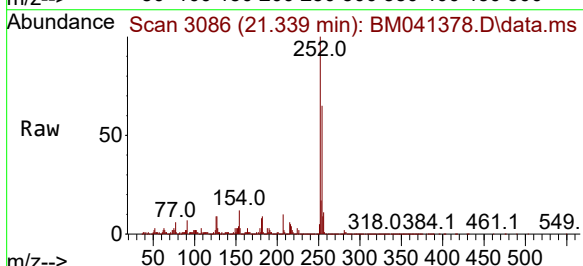
Tgt Ion:252 Resp: 1072161

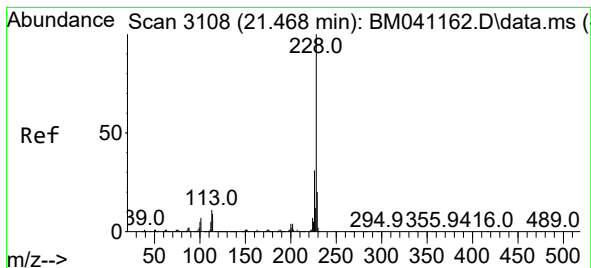
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 8.9 8.6 13.0





#83

Chrysene

Concen: 38.305 ng

RT: 21.451 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

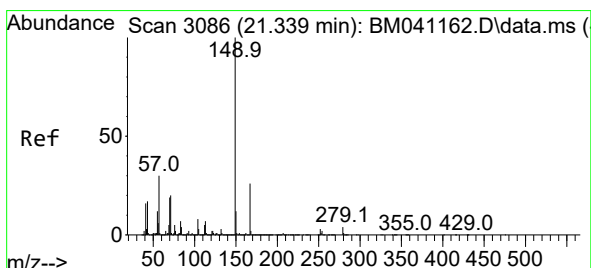
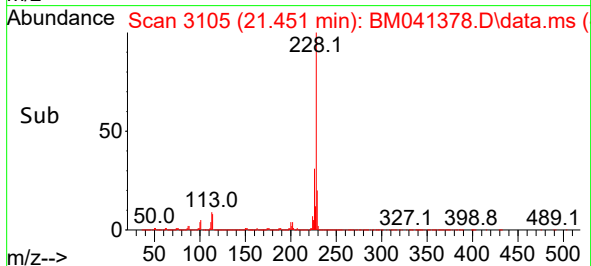
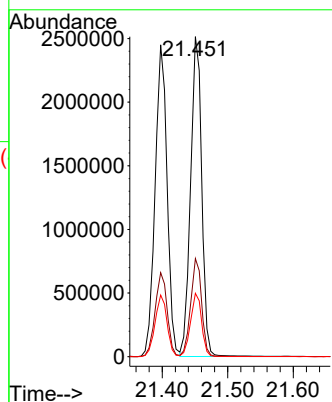
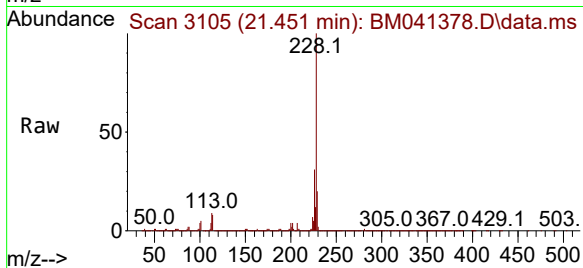
Tgt Ion:228 Resp: 2963353

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.500 ng

RT: 21.321 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

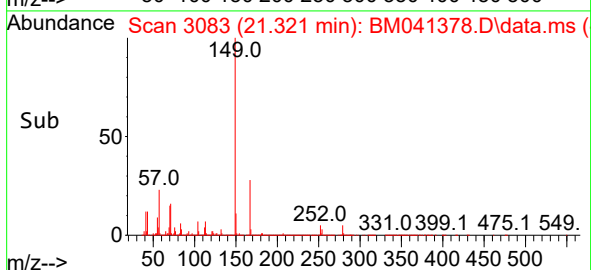
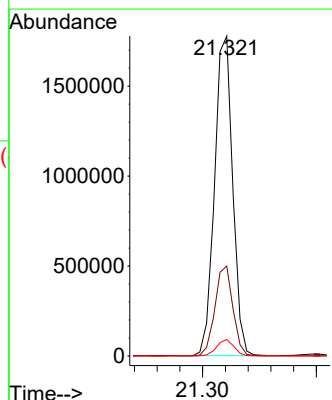
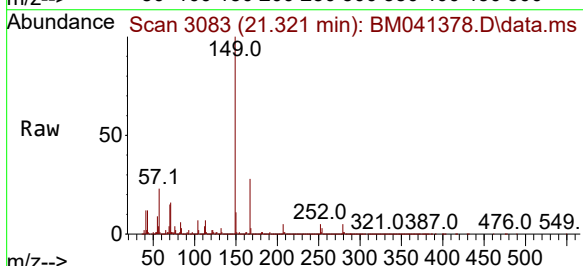
Tgt Ion:149 Resp: 1968277

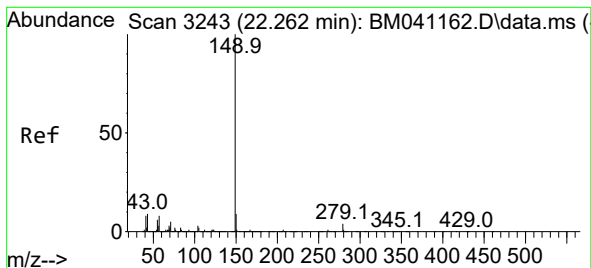
Ion Ratio Lower Upper

149 100

167 28.1 21.0 31.6

279 5.2 3.1 4.7#

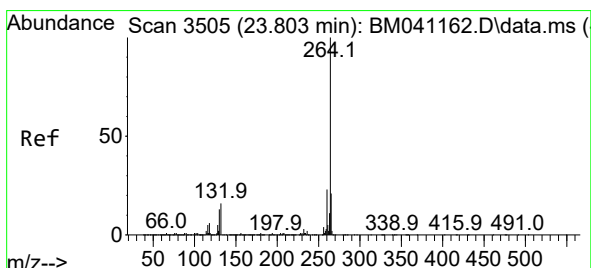
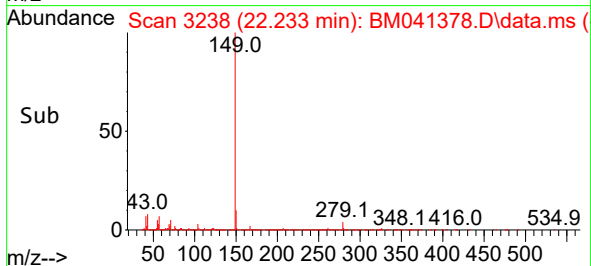
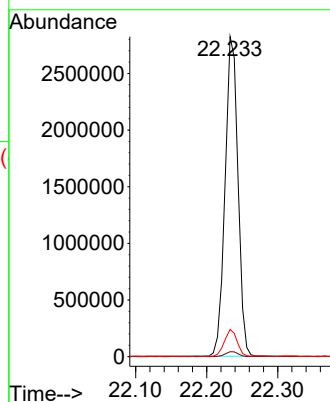
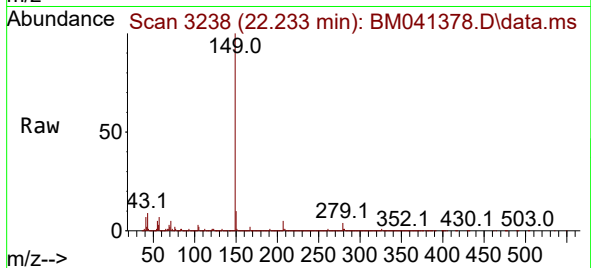




#85
Di-n-octyl phthalate
Concen: 46.510 ng
RT: 22.233 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

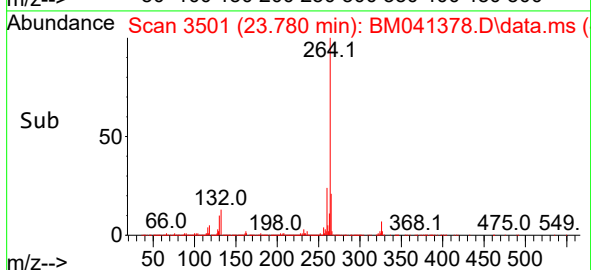
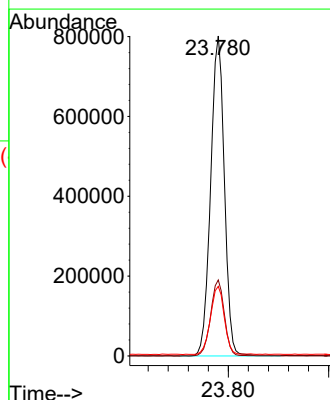
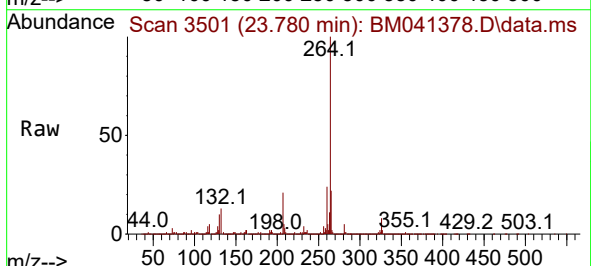
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

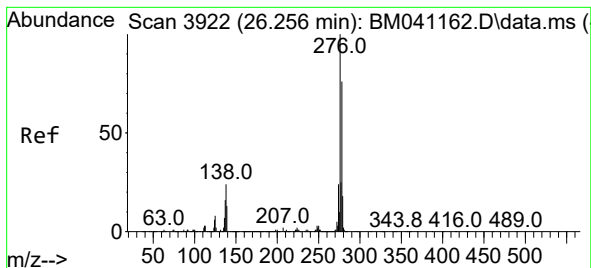
Tgt Ion:149 Resp: 3541647
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:264 Resp: 1522640
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.384 ng

RT: 26.233 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

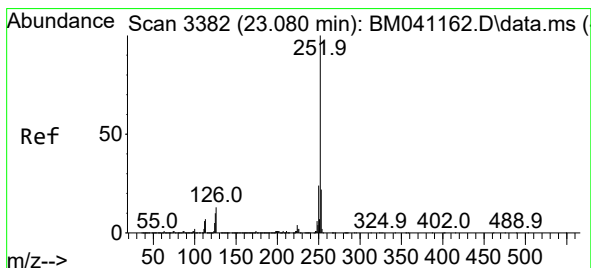
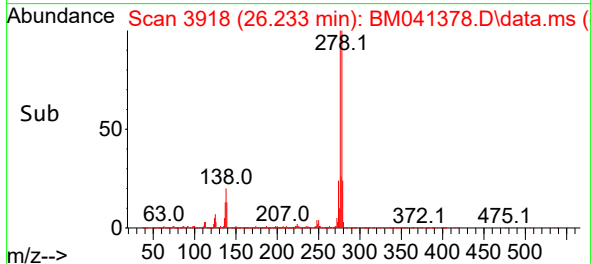
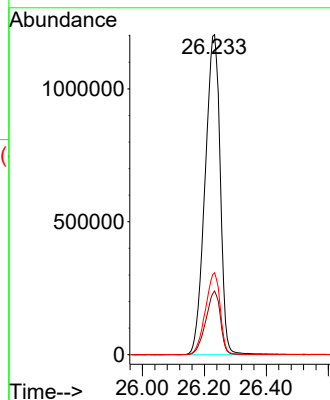
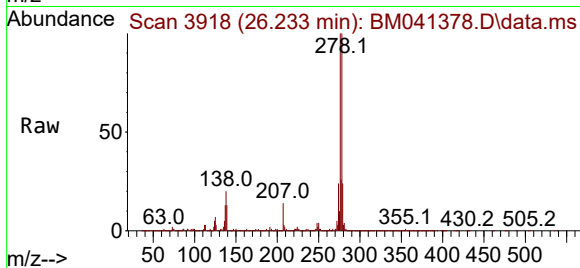
Tgt Ion:276 Resp: 4073067

Ion Ratio Lower Upper

276 100

138 19.2 20.0 30.0#

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 37.629 ng

RT: 23.062 min Scan# 3379

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

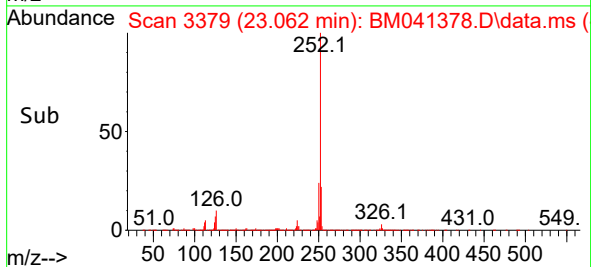
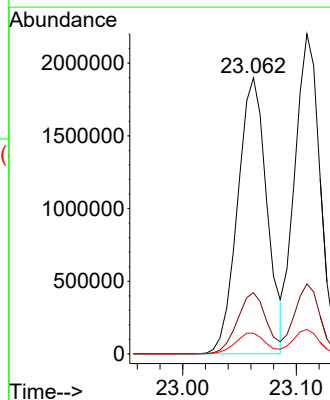
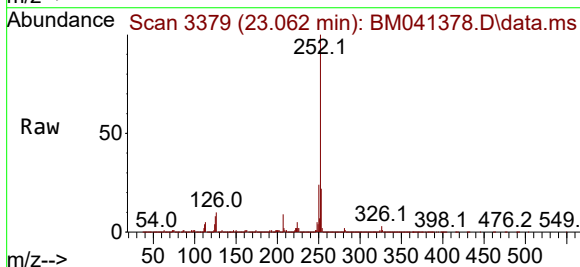
Tgt Ion:252 Resp: 3403700

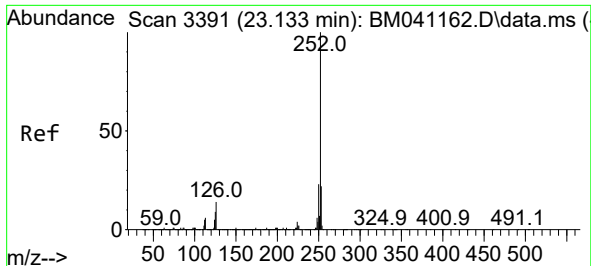
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 7.6 8.2 12.4#

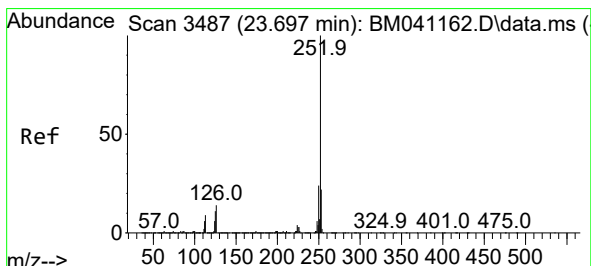
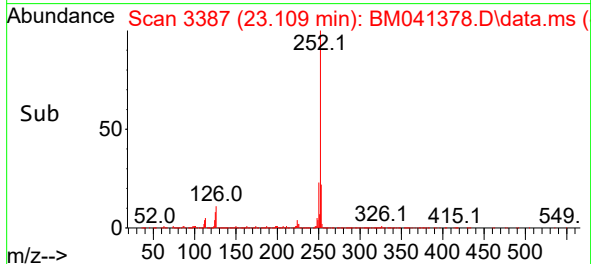
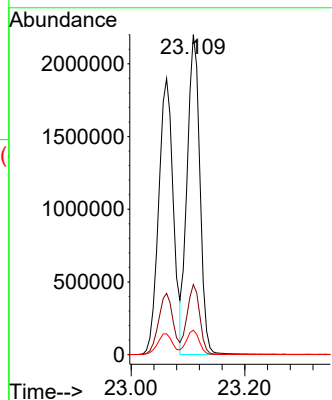
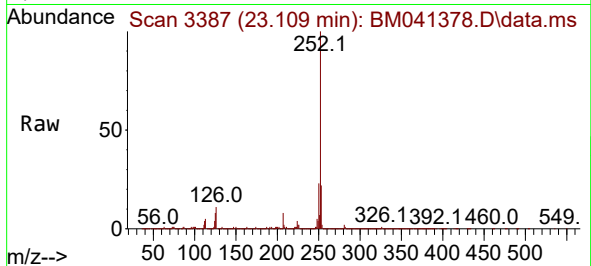




#89
Benzo(k)fluoranthene
Concen: 36.898 ng
RT: 23.109 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

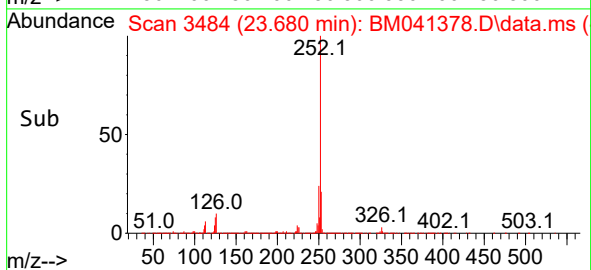
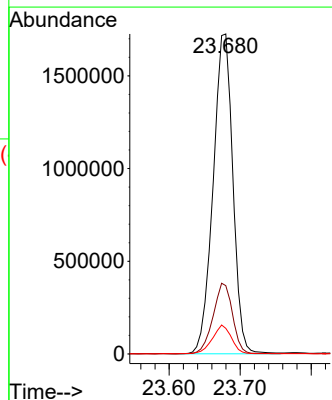
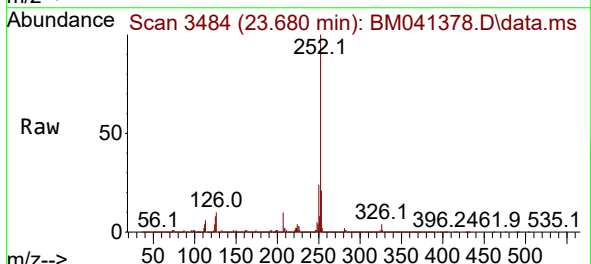
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

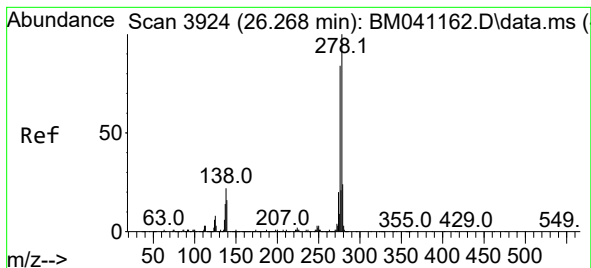
Tgt Ion:252 Resp: 3414018
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.7 7.6 11.4



#90
Benzo(a)pyrene
Concen: 38.288 ng
RT: 23.680 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BM041378.D
Acq: 11 Aug 2023 08:49

Tgt Ion:252 Resp: 3327758
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 8.0 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 36.852 ng

RT: 26.244 min Scan# 3924

Delta R.T. 0.000 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

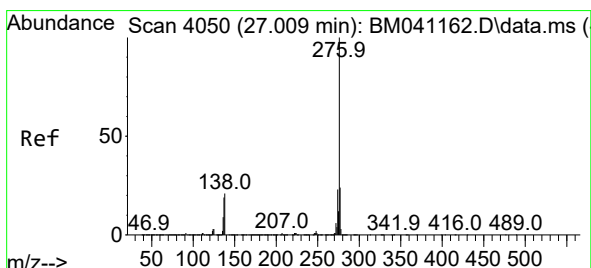
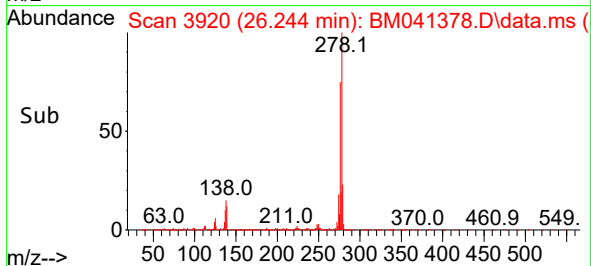
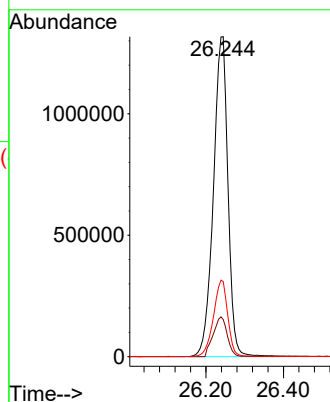
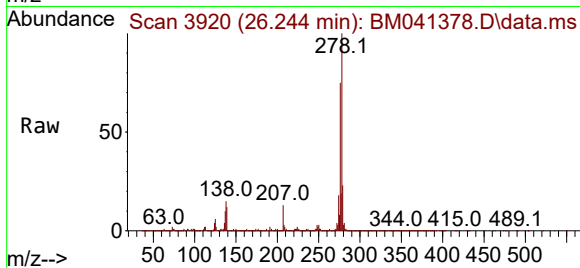
Tgt Ion:278 Resp: 3440953

Ion Ratio Lower Upper

278 100

139 11.6 12.7 19.1#

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 35.416 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BM041378.D

Acq: 11 Aug 2023 08:49

Tgt Ion:276 Resp: 3235755

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.2 17.1 25.7

