

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041181.D
 Acq On : 31 Jul 2023 10:00
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 31 16:30:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	167039	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	618355	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	343912	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	695974	20.000	ng	0.00
76) Chrysene-d12	21.427	240	649582	20.000	ng	0.00
86) Perylene-d12	23.797	264	732286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	880433	78.777	ng	0.00
7) Phenol-d6	6.975	99	1144894	79.028	ng	0.00
23) Nitrobenzene-d5	8.975	82	1038949	78.136	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	410304	84.347	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2168750	79.662	ng	0.00
79) Terphenyl-d14	19.862	244	3054962	85.032	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	178355	37.304	ng	98
3) Pyridine	3.669	79	499413	39.727	ng	98
4) n-Nitrosodimethylamine	3.587	42	212106	36.481	ng	93
6) Aniline	7.134	93	678329	40.009	ng	99
8) 2-Chlorophenol	7.363	128	436359	39.994	ng	99
9) Benzaldehyde	6.945	77	292071	38.208	ng	99
10) Phenol	7.004	94	555757	39.719	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	447285	39.491	ng	98
12) 1,3-Dichlorobenzene	7.681	146	471286	39.682	ng	99
13) 1,4-Dichlorobenzene	7.834	146	479093	40.134	ng	99
14) 1,2-Dichlorobenzene	8.151	146	453600	39.630	ng	99
15) Benzyl Alcohol	8.051	79	370615	40.510	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	566613	37.547	ng	97
17) 2-Methylphenol	8.257	107	383751	40.144	ng	100
18) Hexachloroethane	8.869	117	175422	39.472	ng	94
19) n-Nitroso-di-n-propyla...	8.622	70	350539	39.837	ng	97
20) 3+4-Methylphenols	8.587	107	520958	40.759	ng	99
22) Acetophenone	8.634	105	648260	39.584	ng	# 99
24) Nitrobenzene	9.016	77	524713	39.022	ng	99
25) Isophorone	9.545	82	921015	40.805	ng	99
26) 2-Nitrophenol	9.728	139	229976	43.750	ng	96
27) 2,4-Dimethylphenol	9.792	122	383119	41.419	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	564723	39.942	ng	99
29) 2,4-Dichlorophenol	10.257	162	395308	42.379	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	426367	41.371	ng	99
31) Naphthalene	10.657	128	1328242	39.583	ng	99
32) Benzoic acid	9.945	122	284079	41.951	ng	99
33) 4-Chloroaniline	10.781	127	561314	41.858	ng	99
34) Hexachlorobutadiene	10.928	225	261907	42.254	ng	99
35) Caprolactam	11.598	113	114745	42.523	ng	89
36) 4-Chloro-3-methylphenol	11.916	107	409753	41.735	ng	99
37) 2-Methylnaphthalene	12.275	142	922478	40.777	ng	99
38) 1-Methylnaphthalene	12.498	142	858494	40.546	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	459123	41.114	ng	99
41) Hexachlorocyclopentadiene	12.610	237	217388	36.796	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	307695	42.989	ng	99

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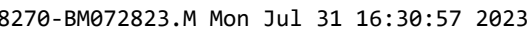
Instrument :
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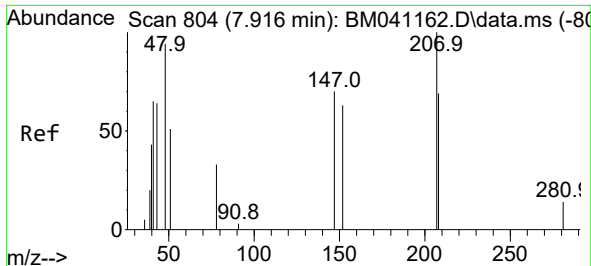
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	359779	43.429	ng	97
46) 1,1'-Biphenyl	13.292	154	1109110	39.781	ng	99
47) 2-Chloronaphthalene	13.339	162	844347	40.559	ng	98
48) 2-Nitroaniline	13.557	65	276691	41.639	ng	99
49) Acenaphthylene	14.186	152	1354909	40.323	ng	100
50) Dimethylphthalate	13.933	163	1053416	40.720	ng	100
51) 2,6-Dinitrotoluene	14.063	165	227186	42.384	ng	97
52) Acenaphthene	14.533	154	801876	39.614	ng	100
53) 3-Nitroaniline	14.392	138	245163	39.980	ng	94
54) 2,4-Dinitrophenol	14.604	184	101518	31.835	ng	91
55) Dibenzofuran	14.868	168	1312109	39.729	ng	99
56) 4-Nitrophenol	14.704	139	186801	41.815	ng	96
57) 2,4-Dinitrotoluene	14.851	165	300646	39.761	ng	94
58) Fluorene	15.515	166	1035565	39.747	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	280043	41.745	ng	98
60) Diethylphthalate	15.298	149	1032851	41.286	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	540135	41.371	ng	98
62) 4-Nitroaniline	15.563	138	222636	39.726	ng	97
63) Azobenzene	15.810	77	1075508	39.247	ng	97
65) 4,6-Dinitro-2-methylph...	15.615	198	154833	36.724	ng	94
66) n-Nitrosodiphenylamine	15.739	169	866075	40.012	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	319395	41.856	ng	96
68) Hexachlorobenzene	16.521	284	350412	41.297	ng	97
69) Atrazine	16.698	200	242059	42.583	ng	100
70) Pentachlorophenol	16.874	266	256031	43.575	ng	100
71) Phenanthrene	17.268	178	1528935	39.539	ng	100
72) Anthracene	17.357	178	1560655	40.808	ng	100
73) Carbazole	17.639	167	1404635	40.579	ng	99
74) Di-n-butylphthalate	18.198	149	1723334	44.058	ng	99
75) Fluoranthene	19.292	202	1804571	41.538	ng	99
77) Benzidine	19.492	184	456719	51.585	ng	100
78) Pyrene	19.656	202	1892974	41.671	ng	100
80) Butylbenzylphthalate	20.562	149	768776	46.343	ng	97
81) Benzo(a)anthracene	21.409	228	1846344	41.928	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	620787	43.202	ng	99
83) Chrysene	21.462	228	1736531	40.769	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1127487	43.074	ng	# 97
85) Di-n-octyl phthalate	22.256	149	1894228	45.181	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	2154932	40.026	ng	98
88) Benzo(b)fluoranthene	23.074	252	1764153	40.553	ng	99
89) Benzo(k)fluoranthene	23.121	252	1823848	40.986	ng	99
90) Benzo(a)pyrene	23.691	252	1723258	41.227	ng	99
91) Dibenzo(a,h)anthracene	26.256	278	1812687	40.366	ng	98
92) Benzo(g,h,i)perylene	26.997	276	1727569	39.317	ng	98

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

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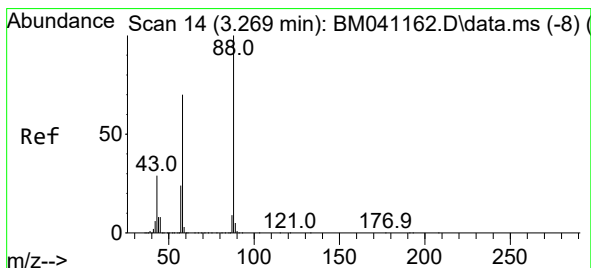
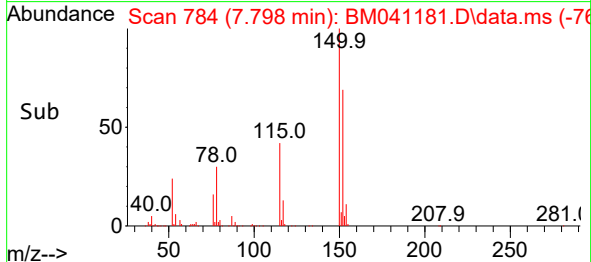
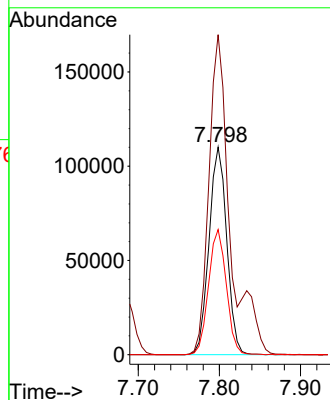
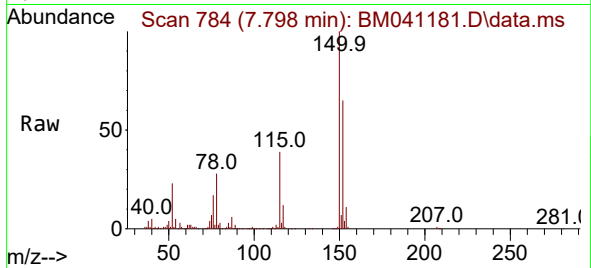




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041181.D
 Acq: 31 Jul 2023 10:00

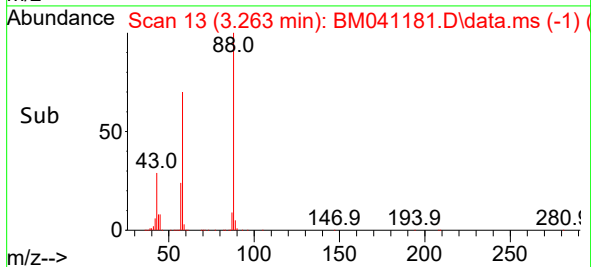
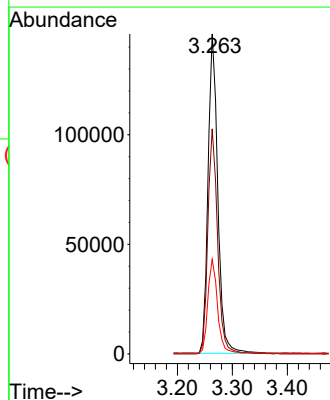
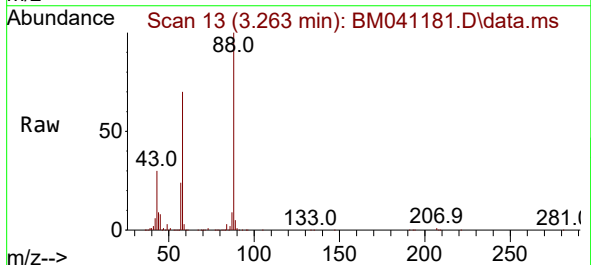
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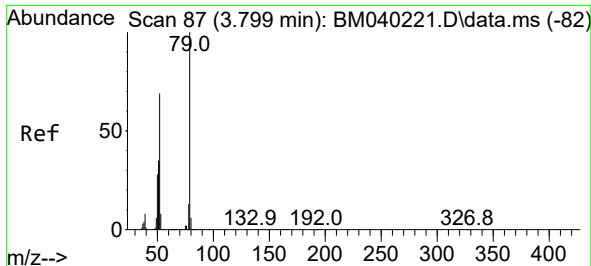
Tgt Ion:152 Resp: 167039
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.5 188.3
 115 60.3 48.0 72.0



#2
 1,4-Dioxane
 Concen: 37.304 ng
 RT: 3.263 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: BM041181.D
 Acq: 31 Jul 2023 10:00

Tgt Ion: 88 Resp: 178355
 Ion Ratio Lower Upper
 88 100
 58 70.9 58.2 87.4
 43 29.5 24.4 36.6

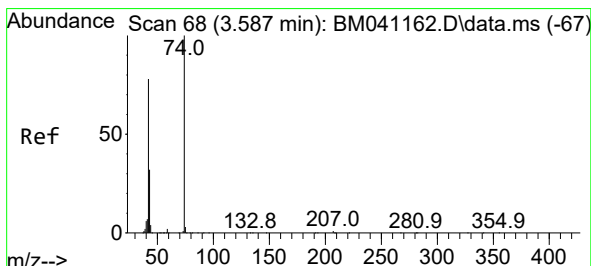
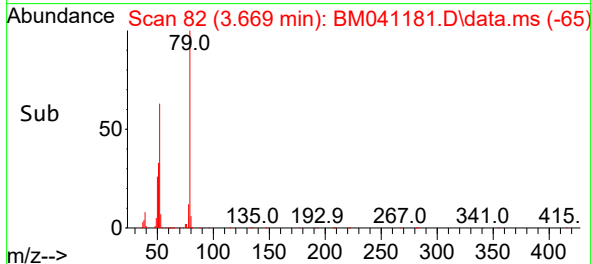
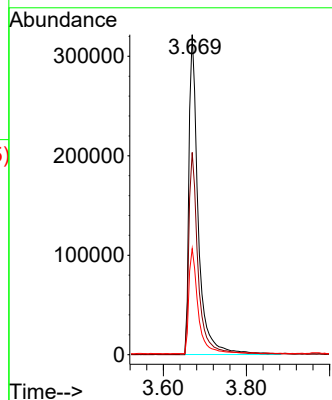
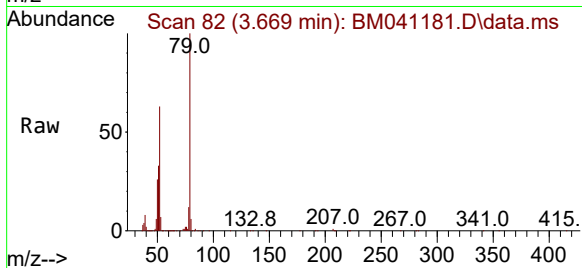




#3
 Pyridine
 Concen: 39.727 ng
 RT: 3.669 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM041181.D
 Acq: 31 Jul 2023 10:00

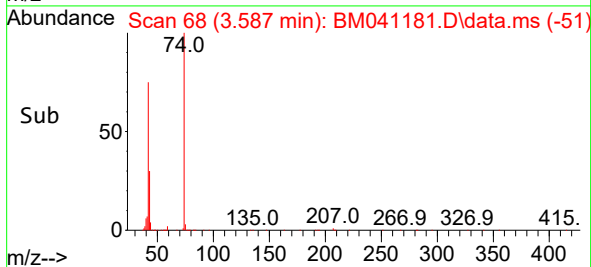
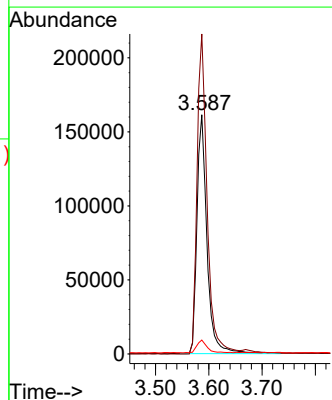
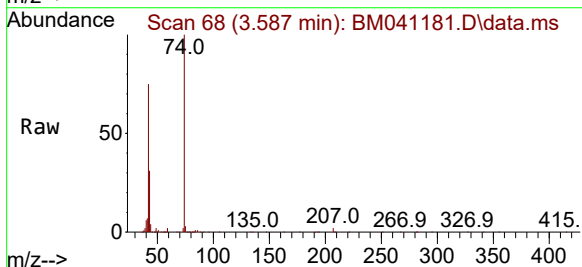
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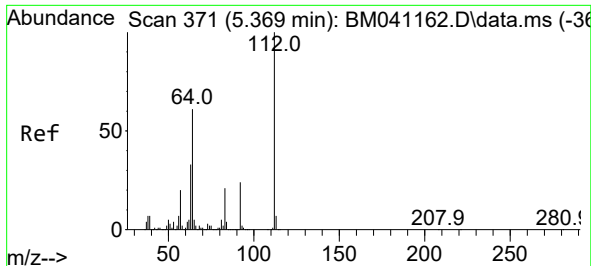
Tgt Ion: 79 Resp: 499413
 Ion Ratio Lower Upper
 79 100
 52 63.2 52.1 78.1
 51 33.2 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 36.481 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BM041181.D
 Acq: 31 Jul 2023 10:00

Tgt Ion: 42 Resp: 212106
 Ion Ratio Lower Upper
 42 100
 74 133.8 100.8 151.2
 44 5.8 5.0 7.4

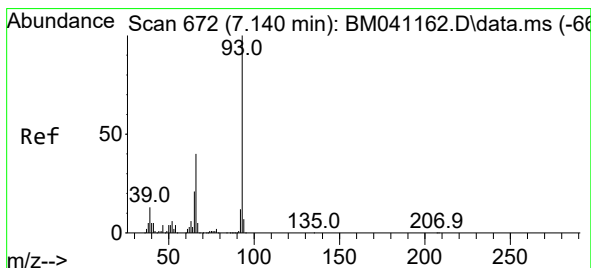
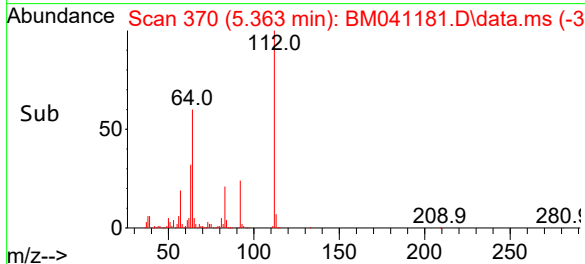
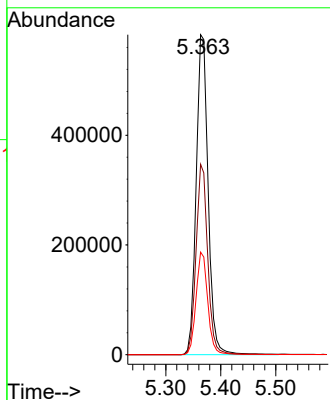
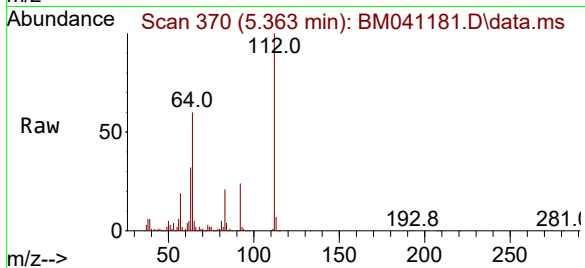




#5
2-Fluorophenol
Concen: 78.777 ng
RT: 5.363 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

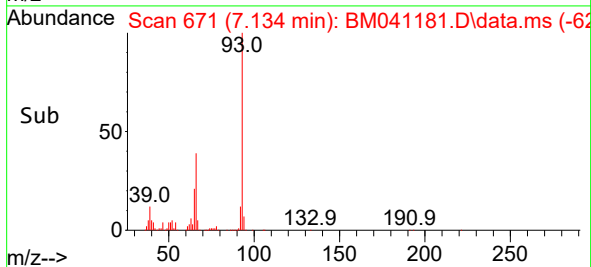
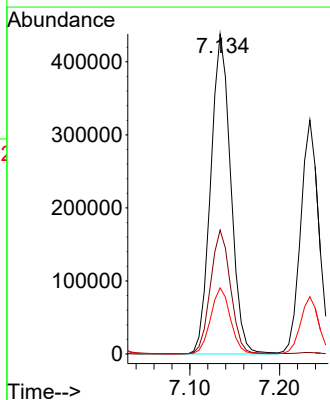
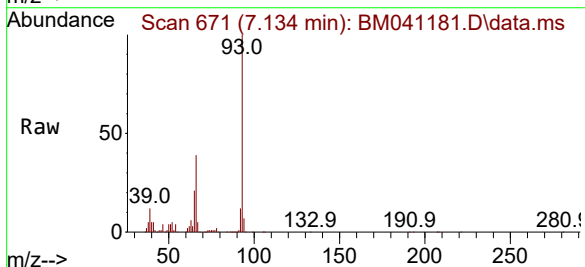
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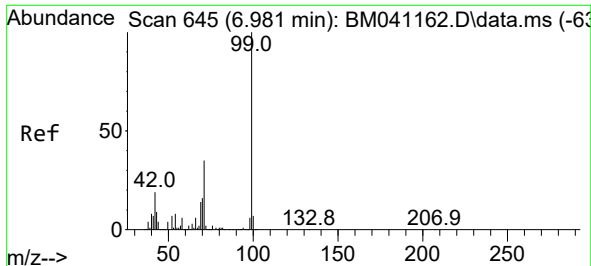
Tgt Ion:112 Resp: 880433
Ion Ratio Lower Upper
112 100
64 59.5 48.5 72.7
63 32.1 26.5 39.7



#6
Aniline
Concen: 40.009 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion: 93 Resp: 678329
Ion Ratio Lower Upper
93 100
66 38.7 32.0 48.0
65 20.7 16.6 24.8

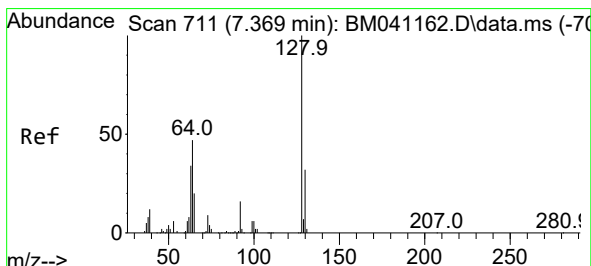
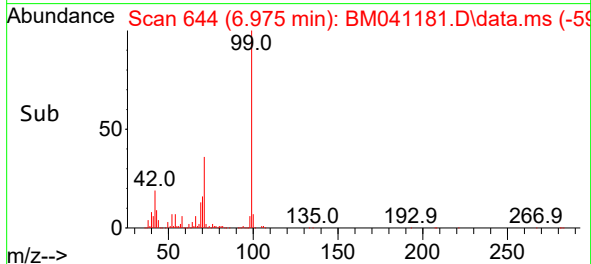
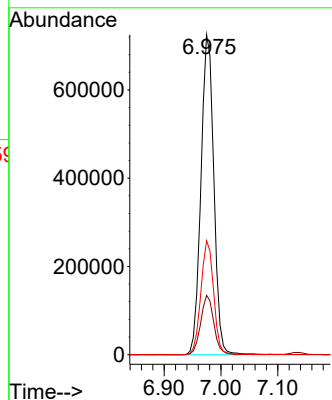
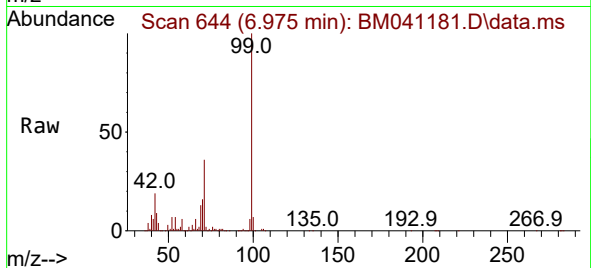




#7
Phenol-d6
Concen: 79.028 ng
RT: 6.975 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

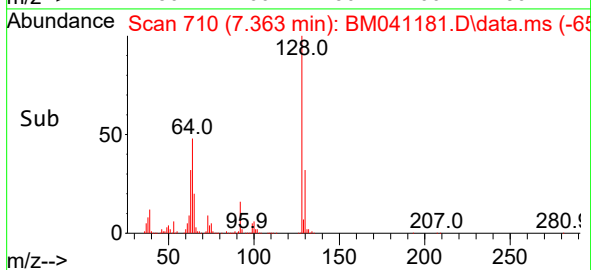
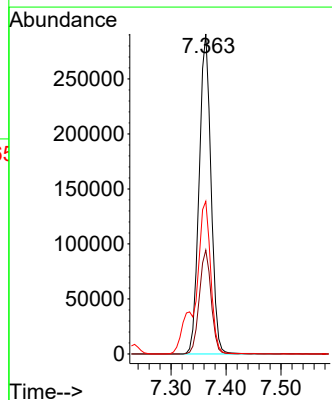
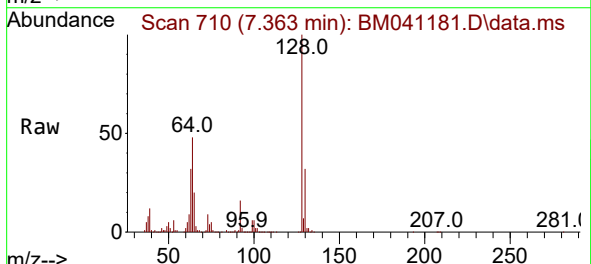
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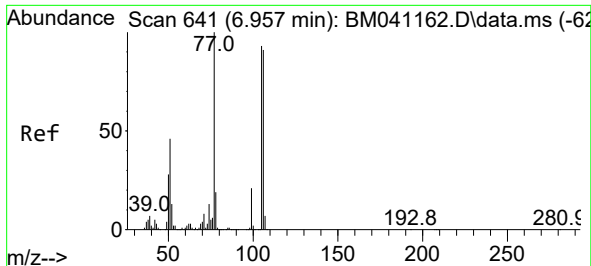
Tgt Ion: 99 Resp: 1144894
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 35.6 28.2 42.4



#8
2-Chlorophenol
Concen: 39.994 ng
RT: 7.363 min Scan# 710
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion: 128 Resp: 436359
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 47.7 29.3 69.3

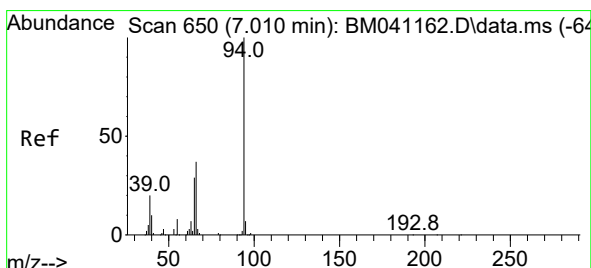
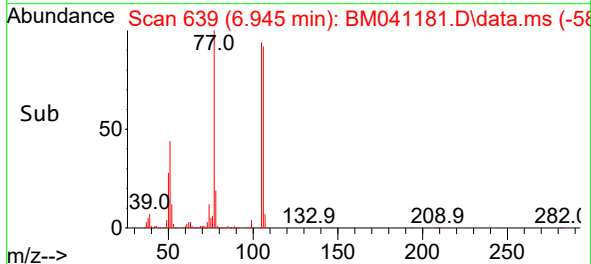
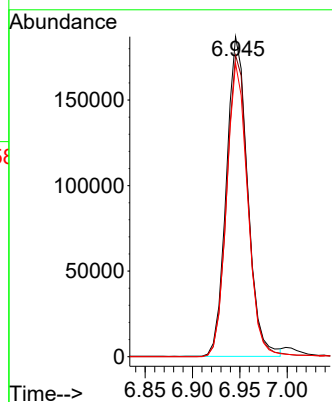
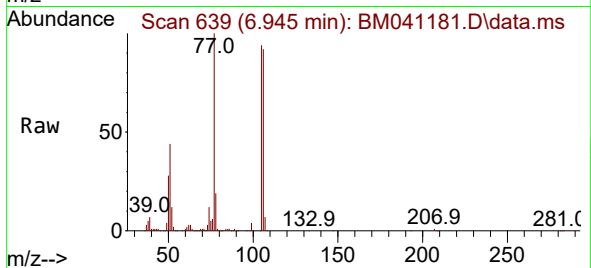




#9
Benzaldehyde
Concen: 38.208 ng
RT: 6.945 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

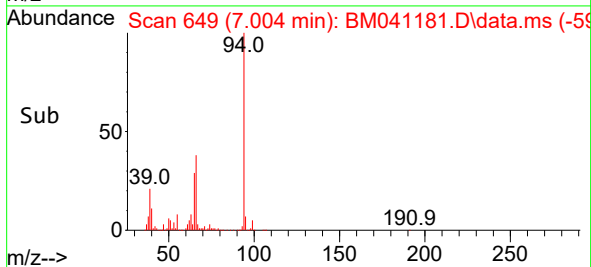
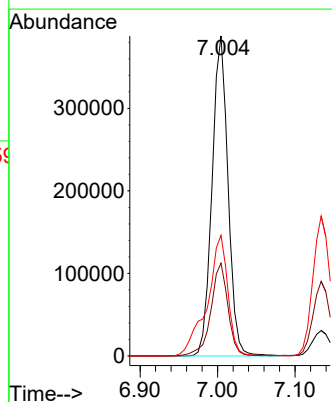
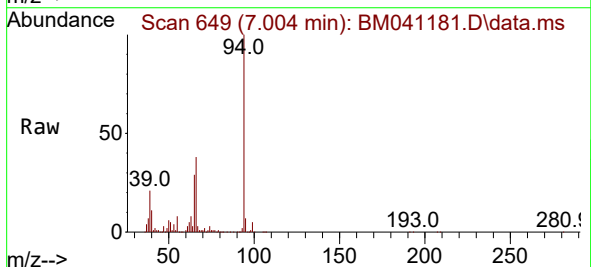
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ClientSampleId :
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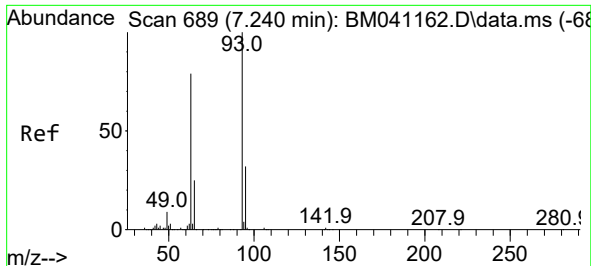
Tgt Ion: 77 Resp: 292071
Ion Ratio Lower Upper
77 100
105 94.2 72.8 112.8
106 91.7 70.8 110.8



#10
Phenol
Concen: 39.719 ng
RT: 7.004 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion: 94 Resp: 555757
Ion Ratio Lower Upper
94 100
65 29.0 9.5 49.5
66 37.7 18.0 58.0

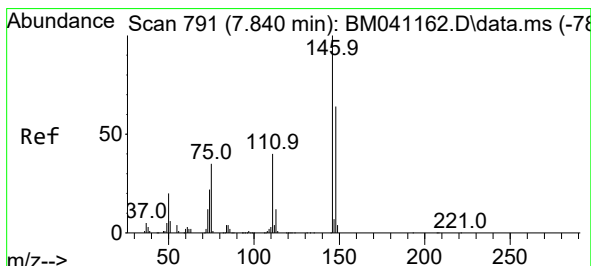
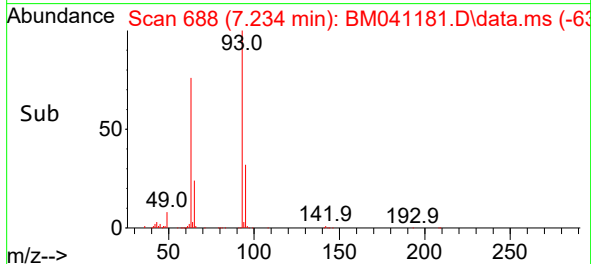
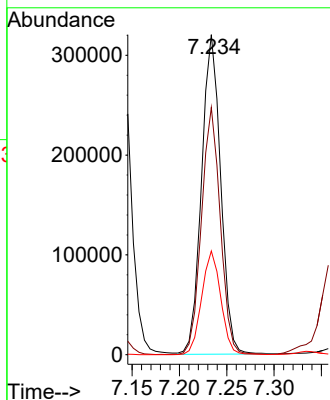
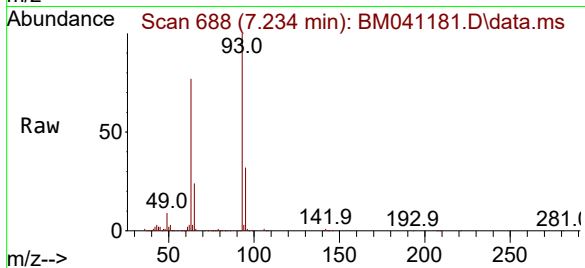




#11
bis(2-Chloroethyl)ether
Concen: 39.491 ng
RT: 7.234 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

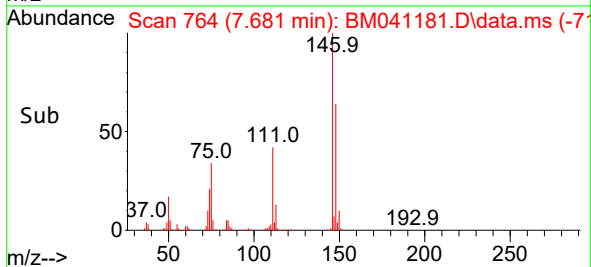
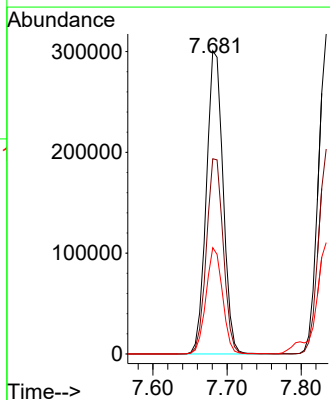
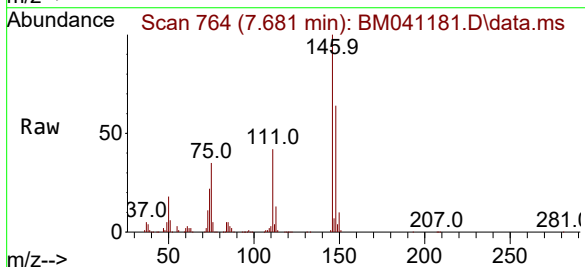
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

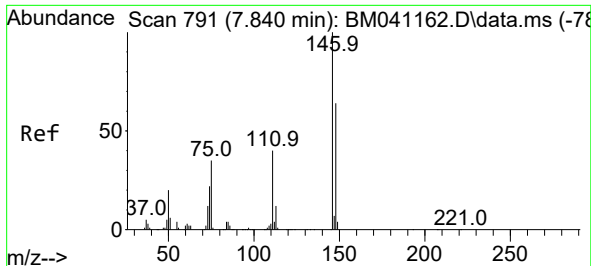
Tgt Ion: 93 Resp: 447285
Ion Ratio Lower Upper
93 100
63 77.2 58.8 98.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.682 ng
RT: 7.681 min Scan# 764
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion: 146 Resp: 471286
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 35.1 28.3 42.5

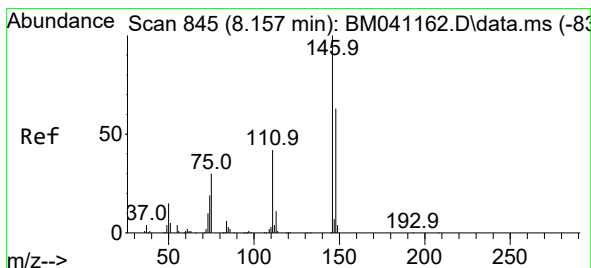
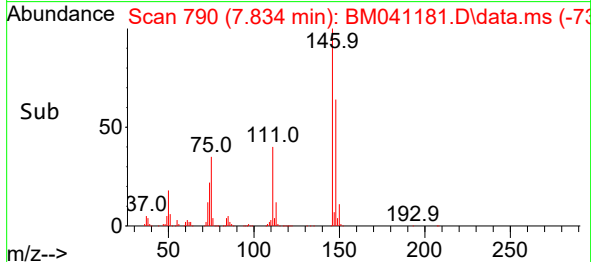
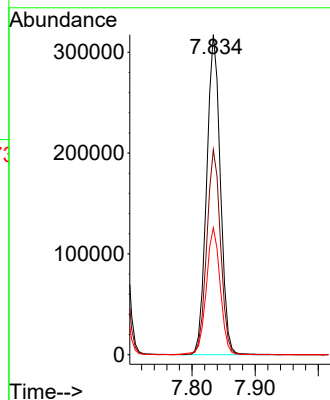
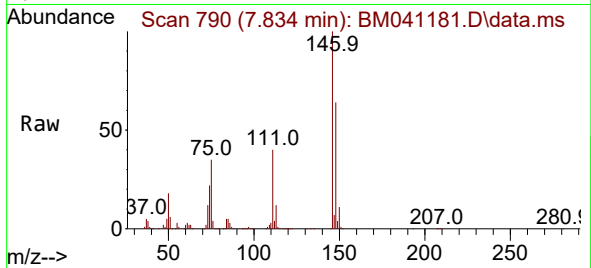




#13
1,4-Dichlorobenzene
Concen: 40.134 ng
RT: 7.834 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

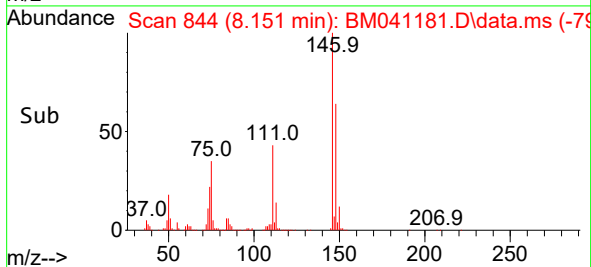
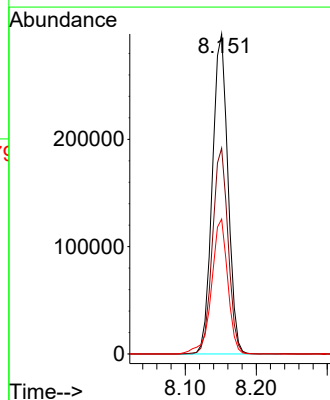
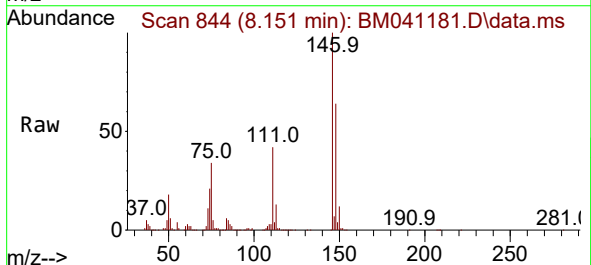
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

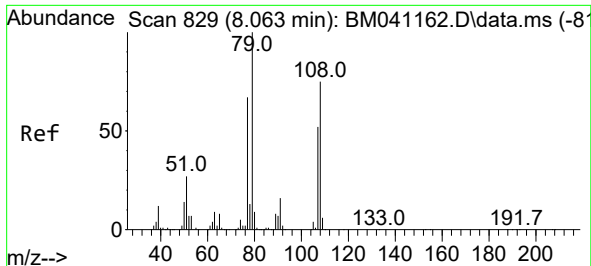
Tgt Ion:146 Resp: 479093
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 39.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 39.630 ng
RT: 8.151 min Scan# 844
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:146 Resp: 453600
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 42.2 33.8 50.6

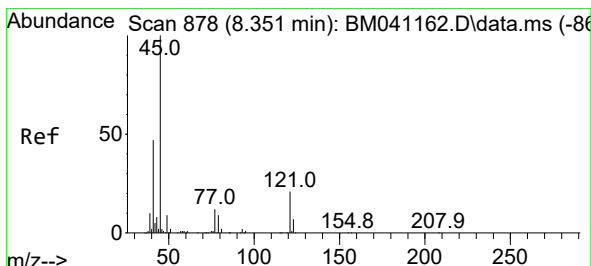
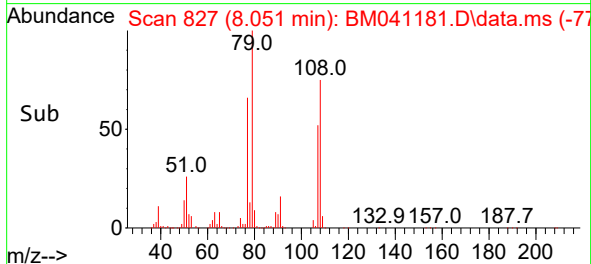
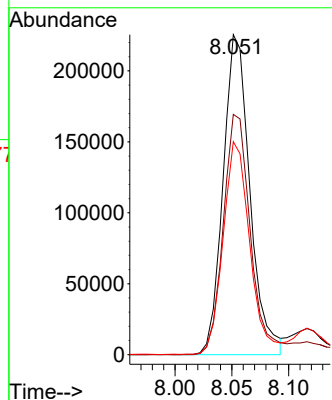
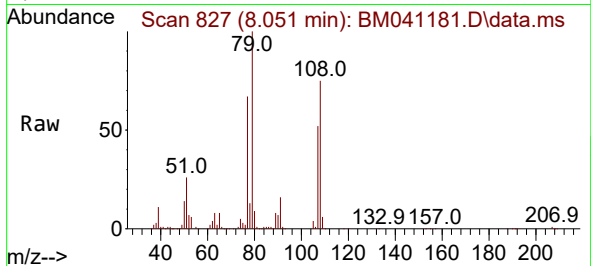




#15
Benzyl Alcohol
Concen: 40.510 ng
RT: 8.051 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

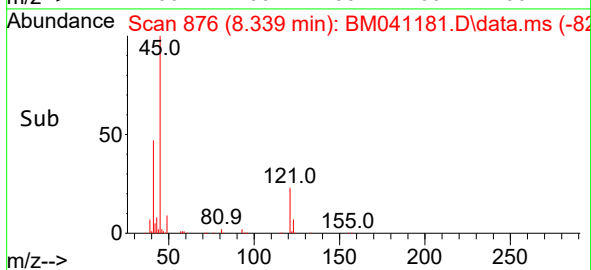
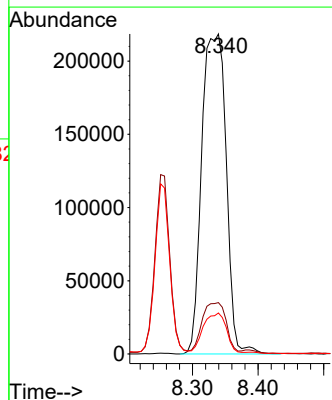
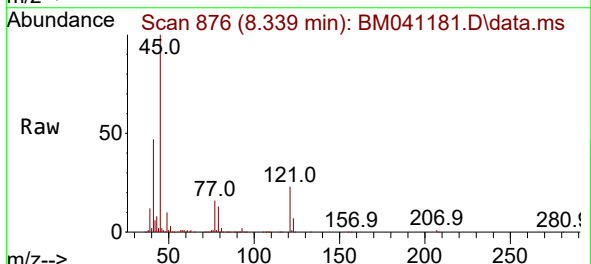
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

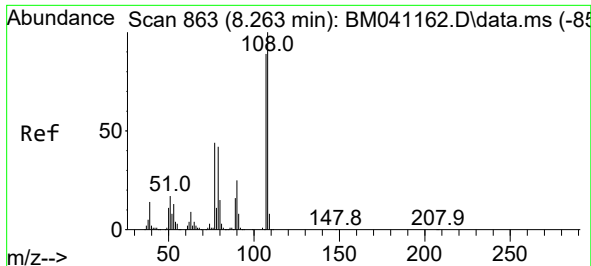
Tgt Ion: 79 Resp: 370615
Ion Ratio Lower Upper
79 100
108 75.1 59.8 89.8
77 66.5 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.547 ng
RT: 8.339 min Scan# 876
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion: 45 Resp: 566613
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.5
79 12.8 0.0 32.1

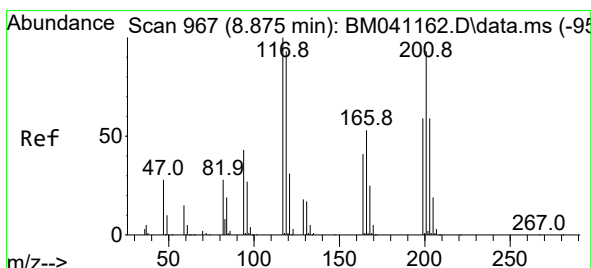
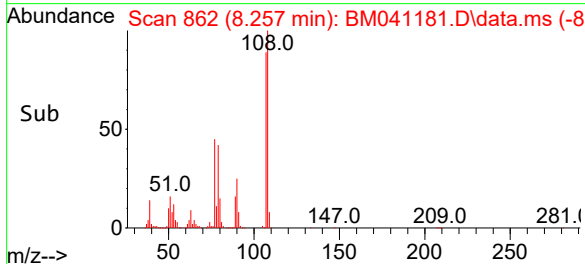
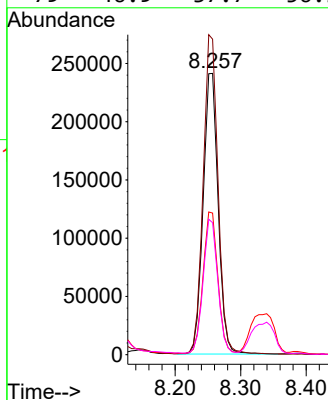
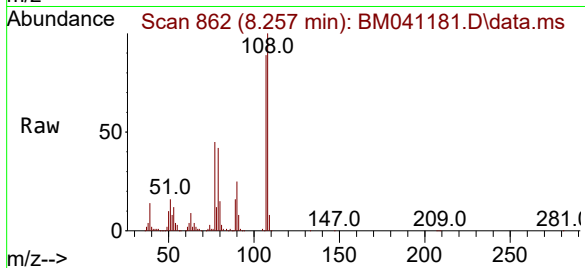




#17
2-Methylphenol
Concen: 40.144 ng
RT: 8.257 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

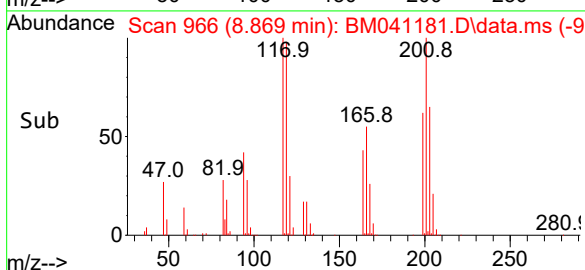
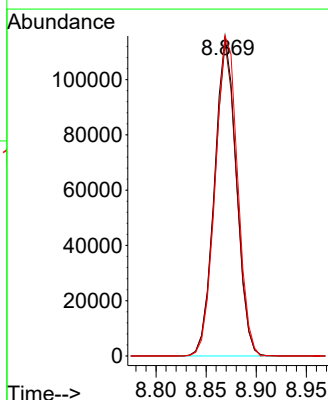
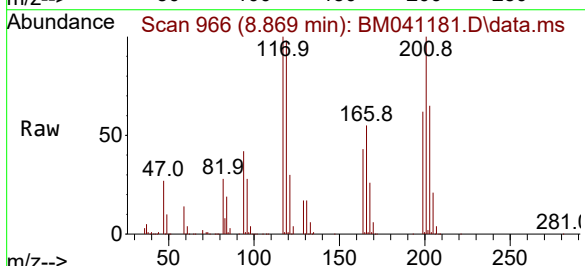
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

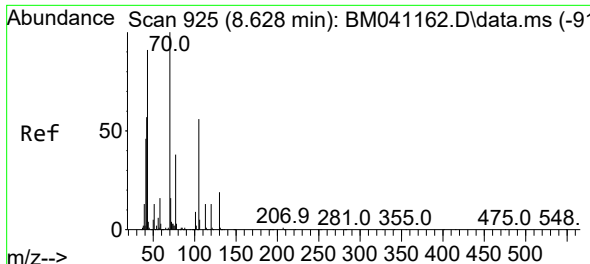
Tgt Ion:107 Resp: 383751
Ion Ratio Lower Upper
107 100
108 112.2 89.9 134.9
77 50.3 39.8 59.8
79 46.9 37.7 56.5



#18
Hexachloroethane
Concen: 39.472 ng
RT: 8.869 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:117 Resp: 175422
Ion Ratio Lower Upper
117 100
119 97.9 74.2 111.4
201 100.1 74.5 111.7

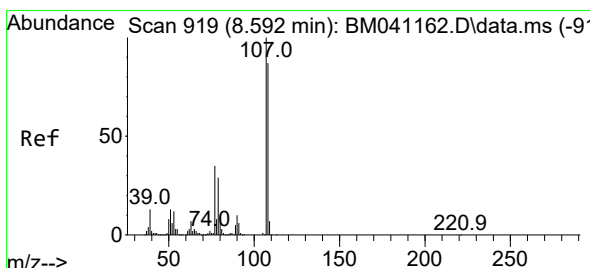
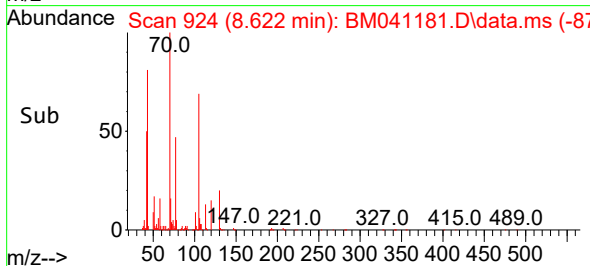
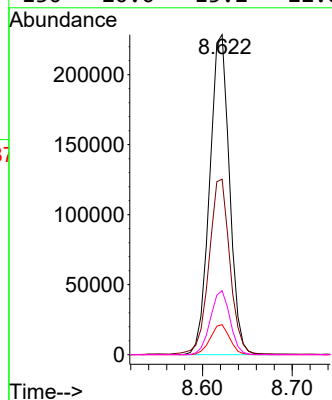
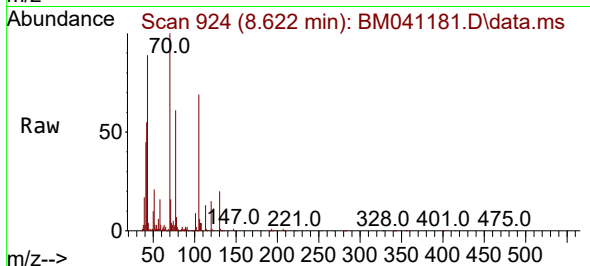




#19
n-Nitroso-di-n-propylamine
Concen: 39.837 ng
RT: 8.622 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

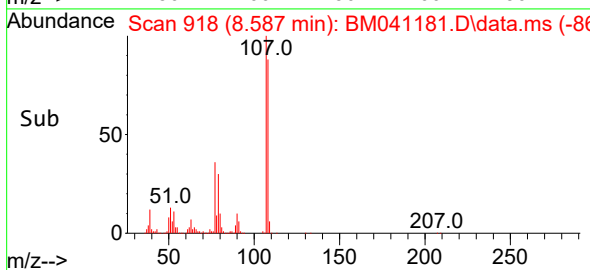
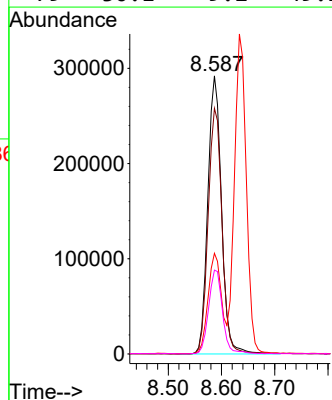
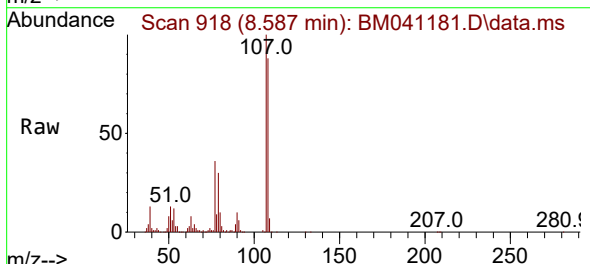
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

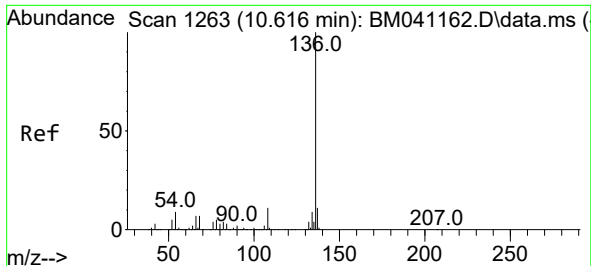
Tgt Ion:	70	Resp:	350539
Ion	Ratio	Lower	Upper
70	100		
42	54.8	45.8	68.8
101	9.4	7.4	11.0
130	20.0	15.2	22.8



#20
3+4-Methylphenols
Concen: 40.759 ng
RT: 8.587 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:	107	Resp:	520958
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.2	107.2
77	36.2	15.4	55.4
79	30.1	9.2	49.2

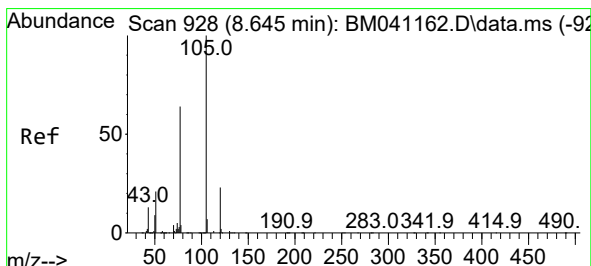
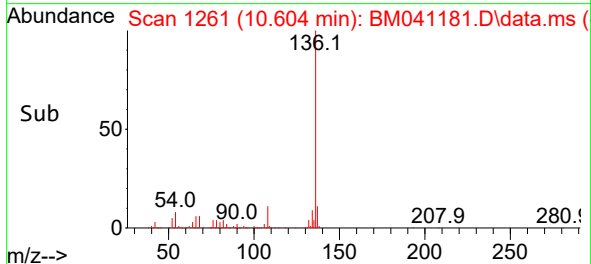
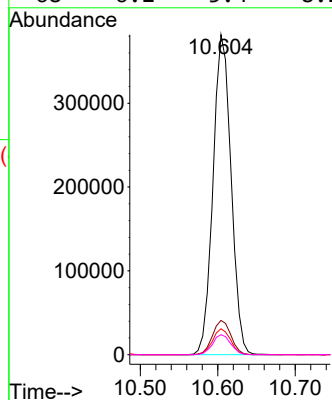
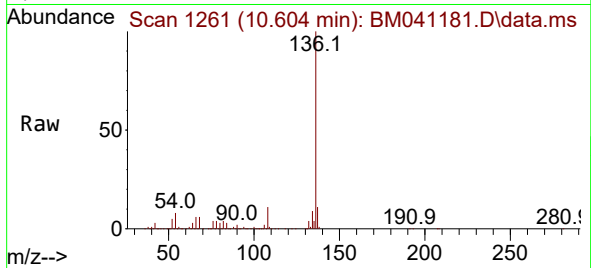




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

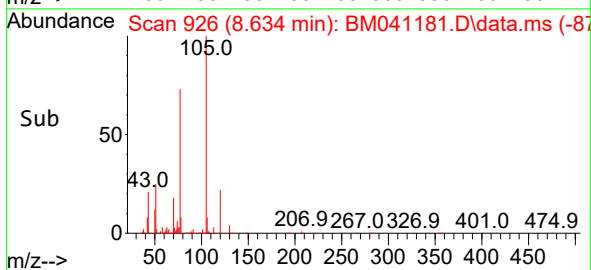
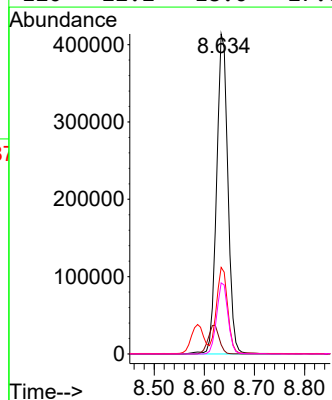
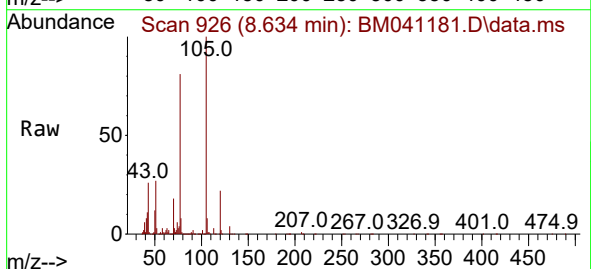
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

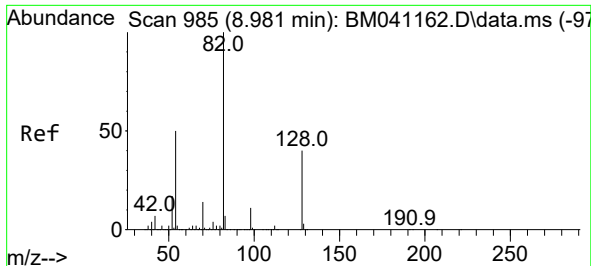
Tgt Ion:136 Resp: 618355
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 6.9 10.3
68 6.2 5.4 8.2



#22
Acetophenone
Concen: 39.584 ng
RT: 8.634 min Scan# 926
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:105 Resp: 648260
Ion Ratio Lower Upper
105 100
71 2.9 1.2 1.8#
51 27.1 22.0 33.0
120 22.2 18.0 27.0

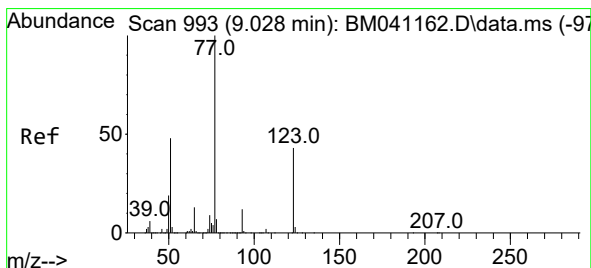
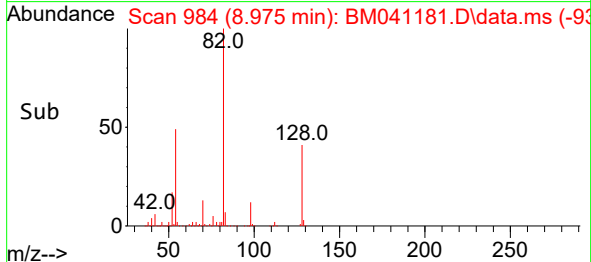
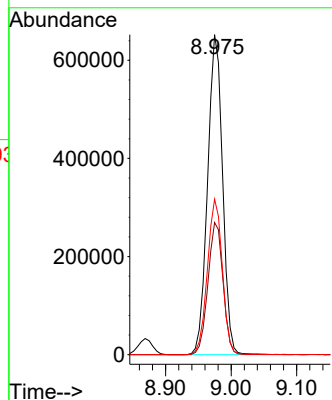
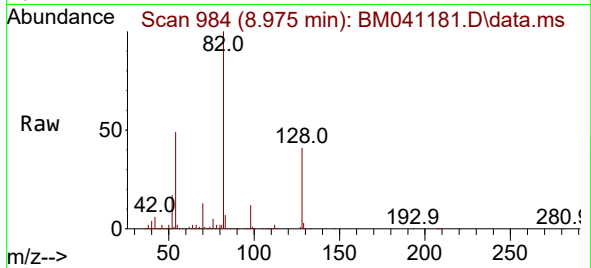




#23
Nitrobenzene-d5
Concen: 78.136 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

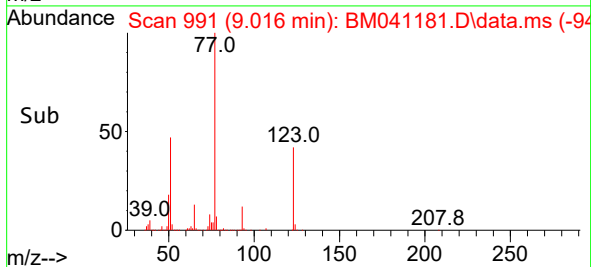
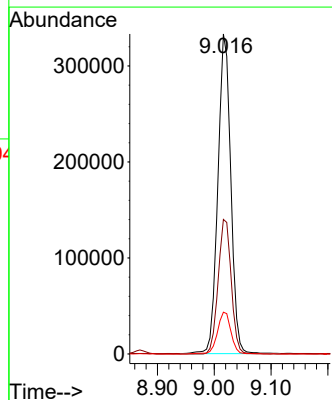
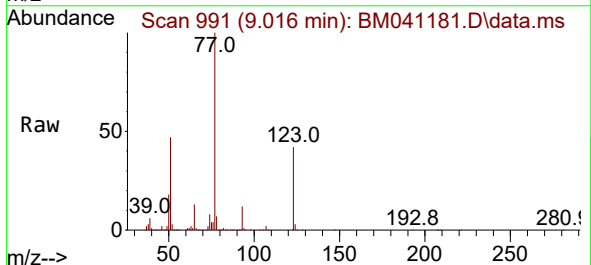
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

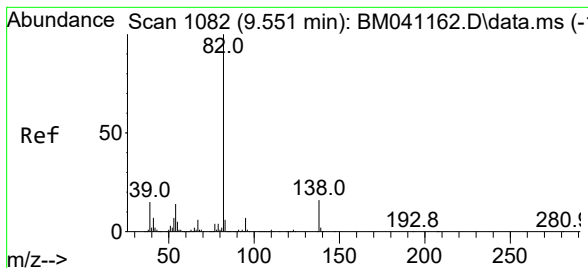
Tgt Ion: 82 Resp: 1038949
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 48.6 40.1 60.1



#24
Nitrobenzene
Concen: 39.022 ng
RT: 9.016 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion: 77 Resp: 524713
Ion Ratio Lower Upper
77 100
123 42.1 34.2 51.2
65 13.1 10.7 16.1





#25

Isophorone

Concen: 40.805 ng

RT: 9.545 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

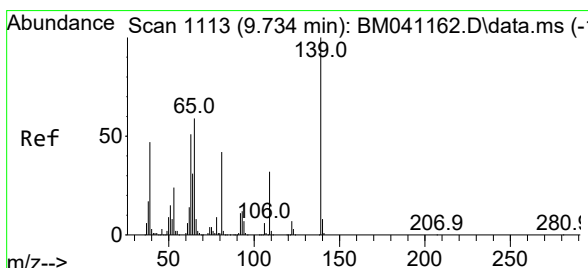
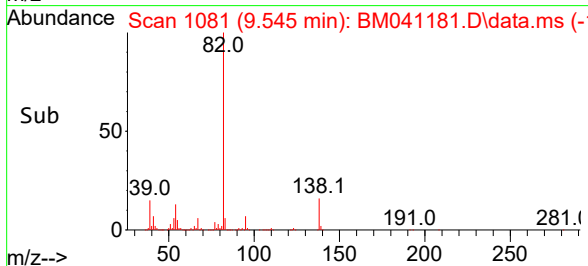
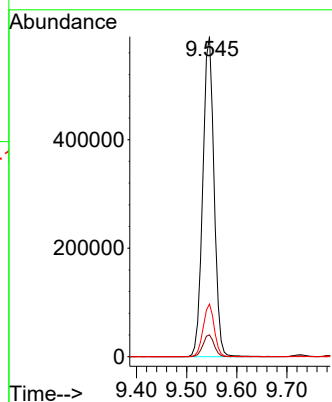
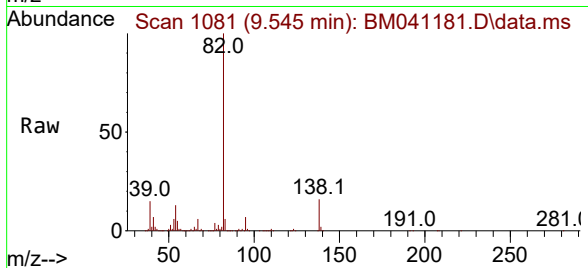
Tgt Ion: 82 Resp: 921015

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 16.5 12.8 19.2



#26

2-Nitrophenol

Concen: 43.750 ng

RT: 9.728 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

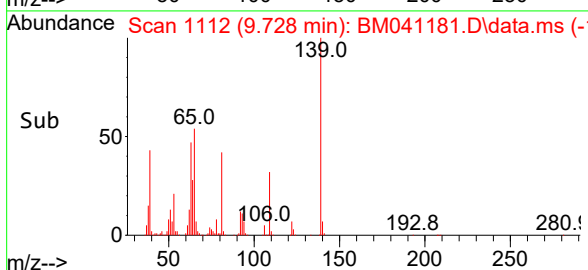
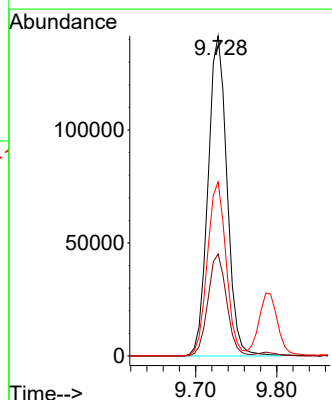
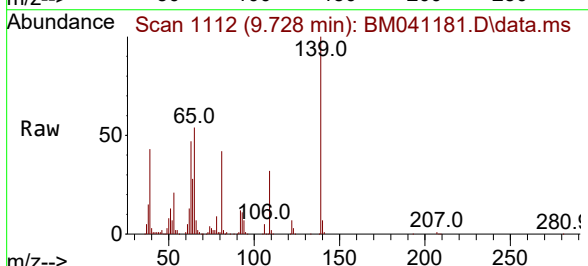
Tgt Ion: 139 Resp: 229976

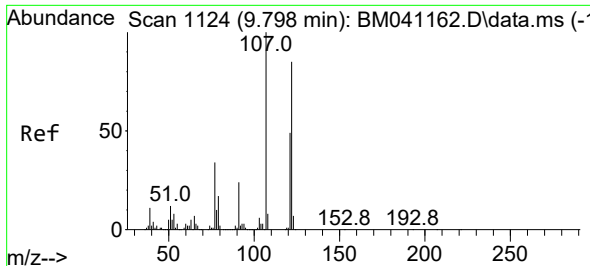
Ion Ratio Lower Upper

139 100

109 31.8 25.4 38.2

65 54.4 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 41.419 ng

RT: 9.792 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

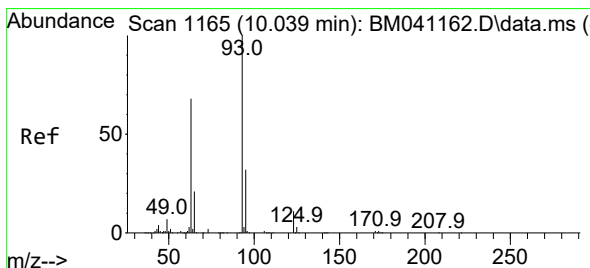
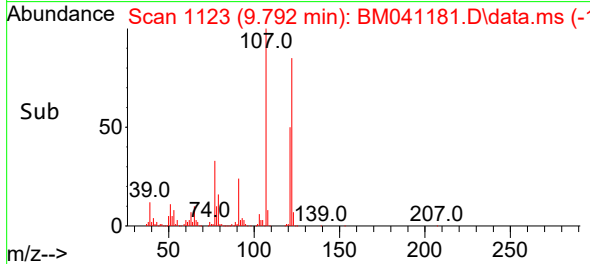
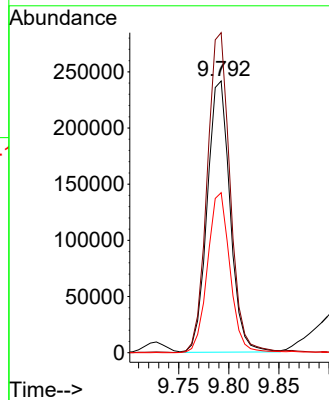
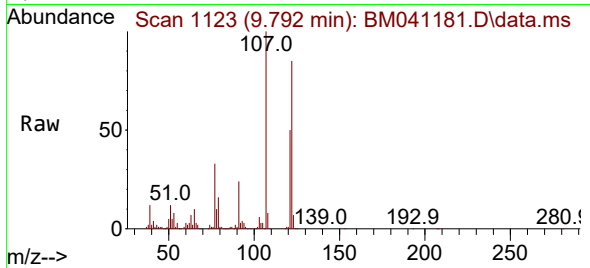
Tgt Ion:122 Resp: 383119

Ion Ratio Lower Upper

122 100

107 117.8 94.3 141.5

121 58.9 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.942 ng

RT: 10.028 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

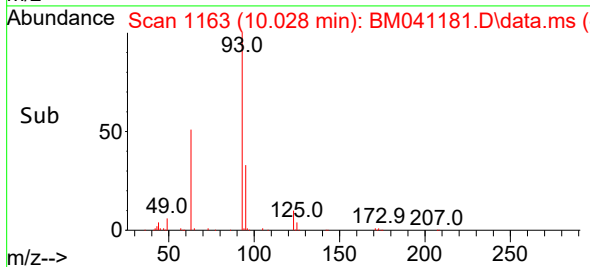
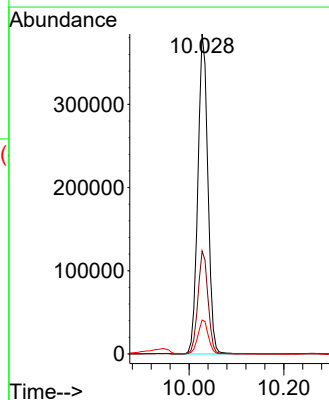
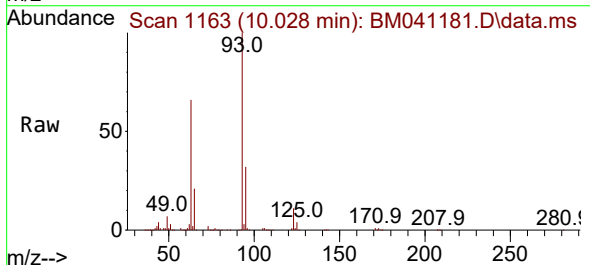
Tgt Ion: 93 Resp: 564723

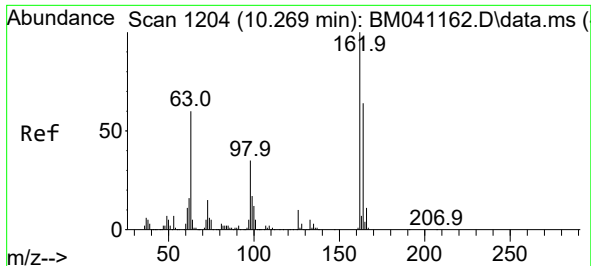
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.379 ng

RT: 10.257 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

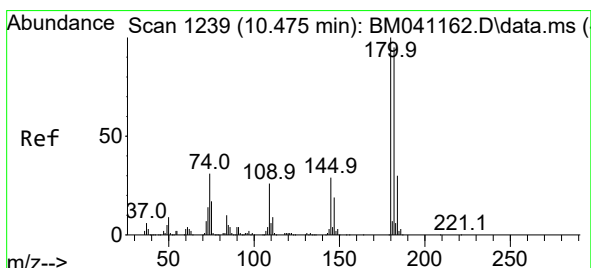
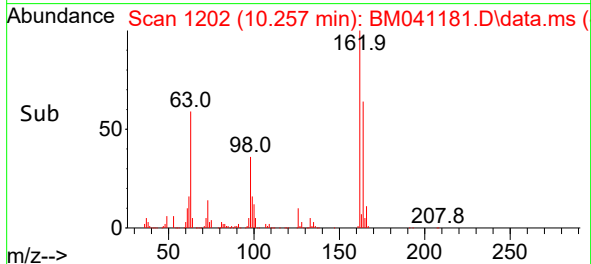
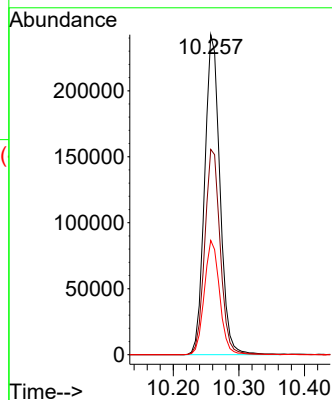
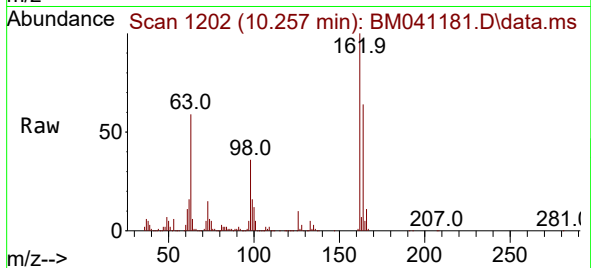
Tgt Ion:162 Resp: 395308

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 35.7 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 41.371 ng

RT: 10.469 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

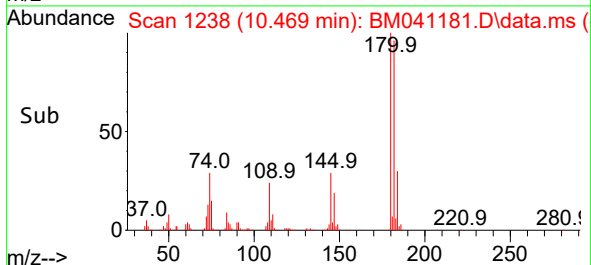
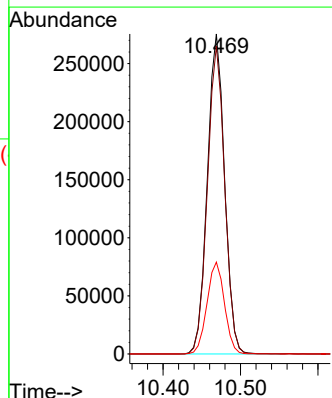
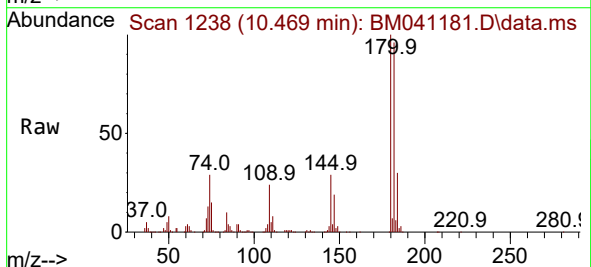
Tgt Ion:180 Resp: 426367

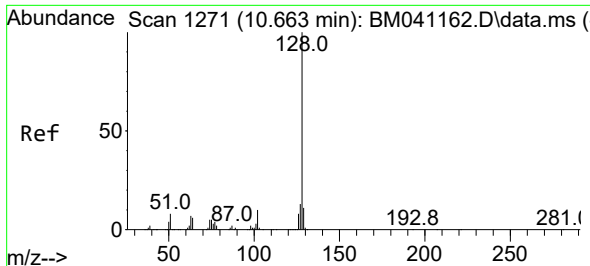
Ion Ratio Lower Upper

180 100

182 96.3 75.9 113.9

145 28.7 23.6 35.4

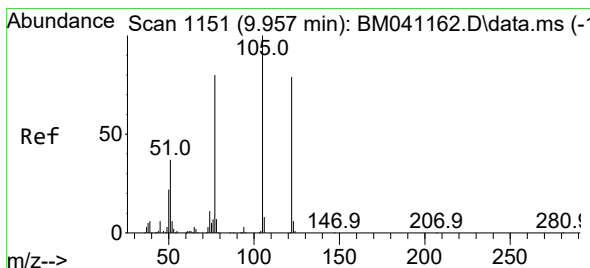
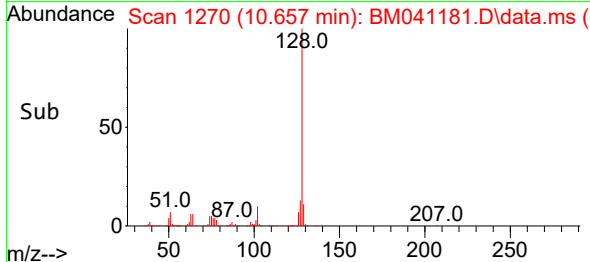
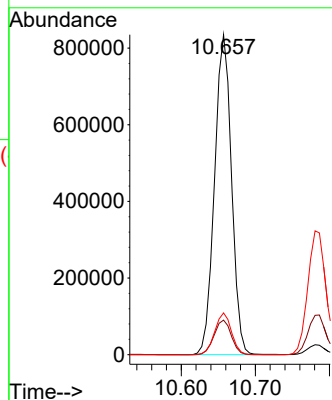
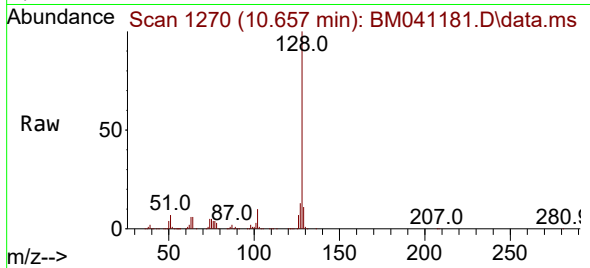




#31
Naphthalene
Concen: 39.583 ng
RT: 10.657 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

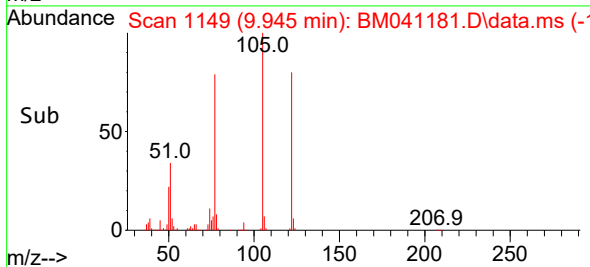
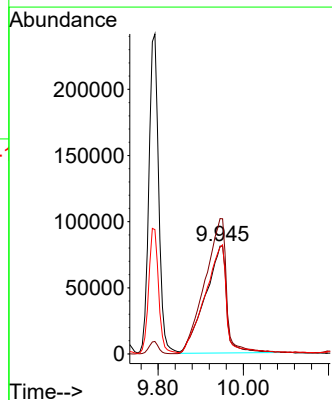
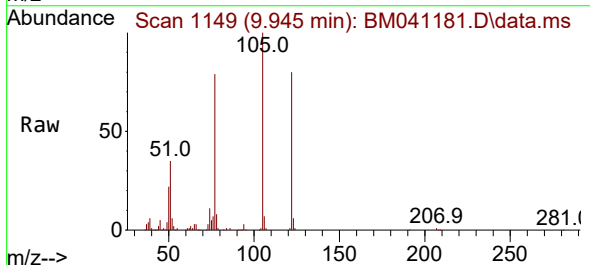
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

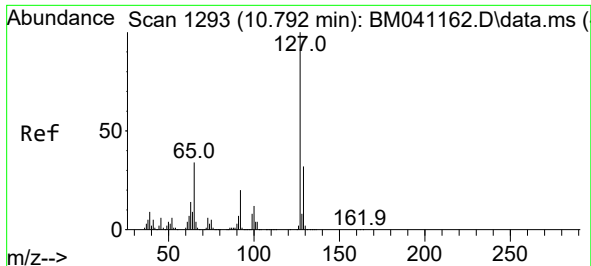
Tgt Ion:128 Resp: 1328242
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 41.951 ng
RT: 9.945 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:122 Resp: 284079
Ion Ratio Lower Upper
122 100
105 125.6 104.0 144.0
77 99.0 79.9 119.9

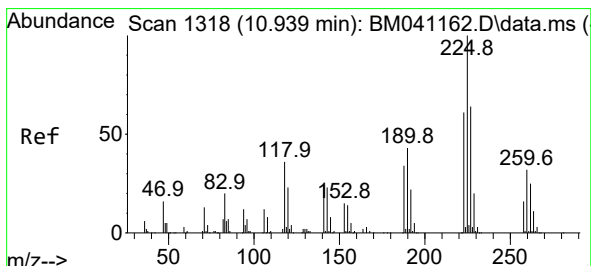
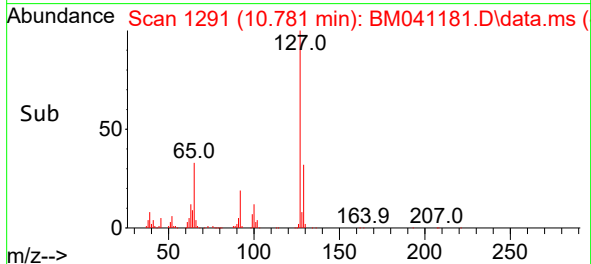
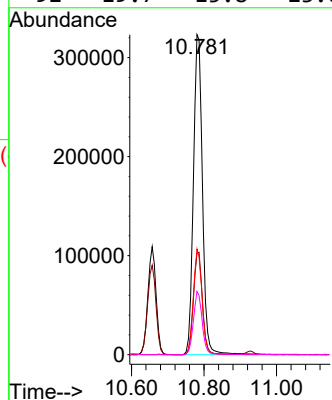
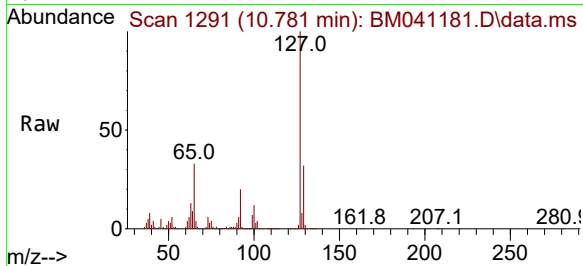




#33
4-Chloroaniline
Concen: 41.858 ng
RT: 10.781 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

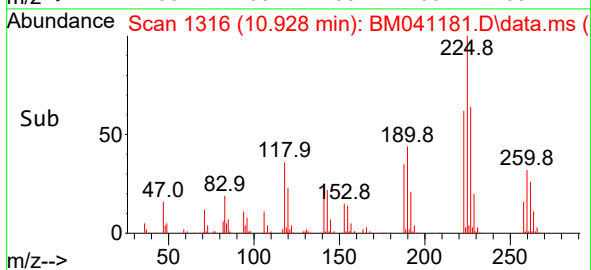
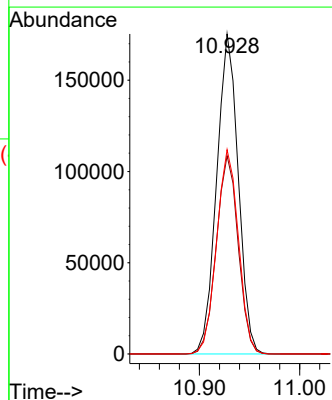
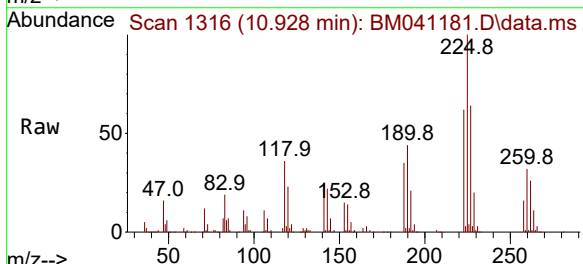
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

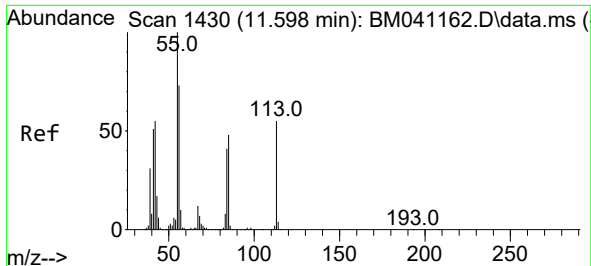
Tgt Ion:	127	Resp:	561314
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	33.0	26.9	40.3
92	19.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 42.254 ng
RT: 10.928 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:	225	Resp:	261907
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.0	73.4
227	63.9	50.8	76.2

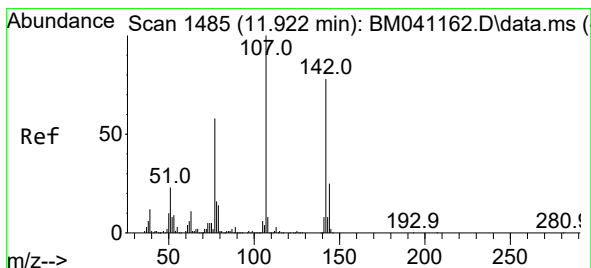
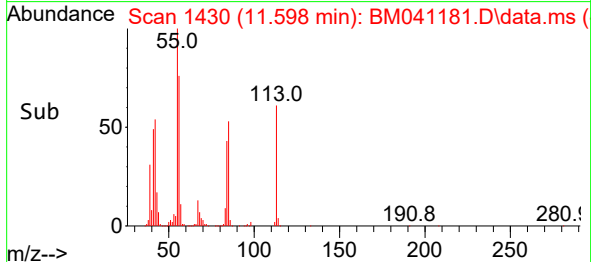
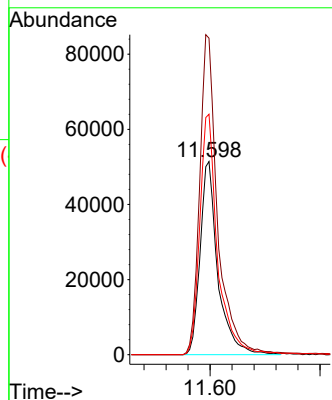
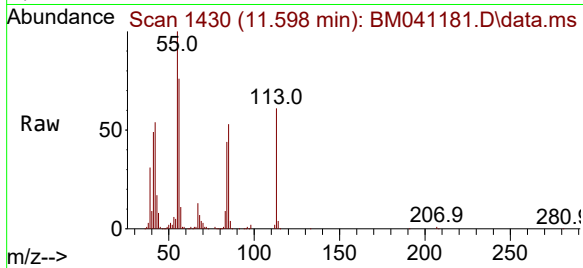




#35
Caprolactam
Concen: 42.523 ng
RT: 11.598 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

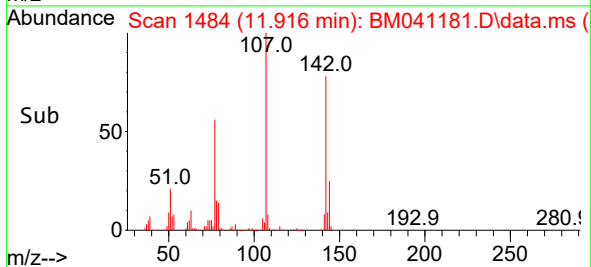
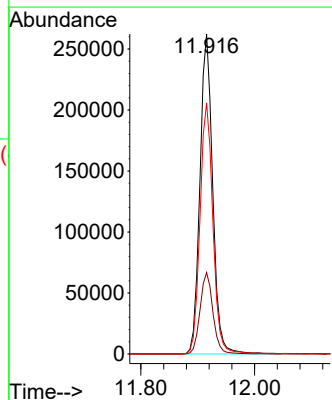
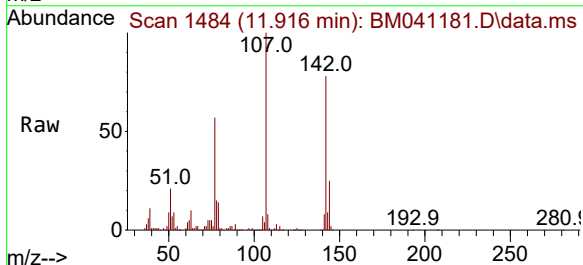
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

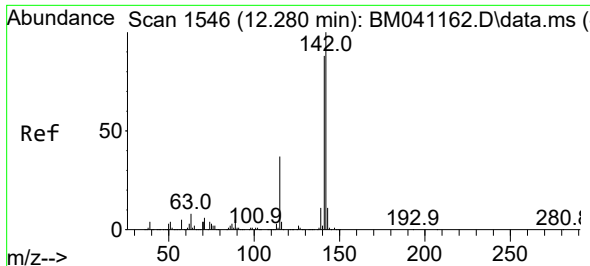
Tgt Ion:113 Resp: 114745
Ion Ratio Lower Upper
113 100
55 163.9 162.5 202.5
56 124.5 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 41.735 ng
RT: 11.916 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:107 Resp: 409753
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 78.4 62.2 93.4

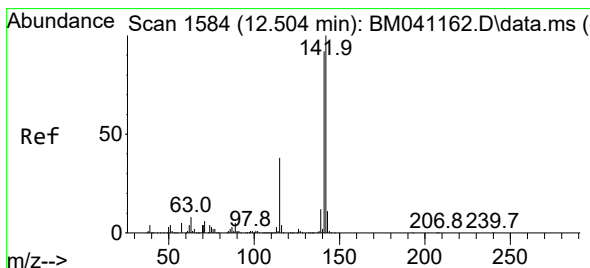
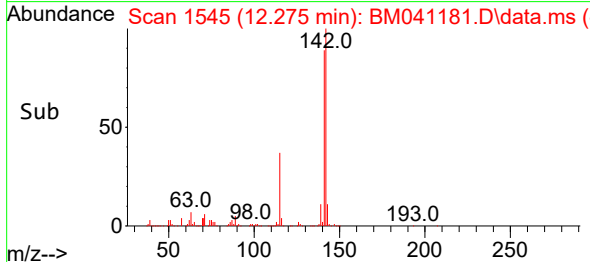
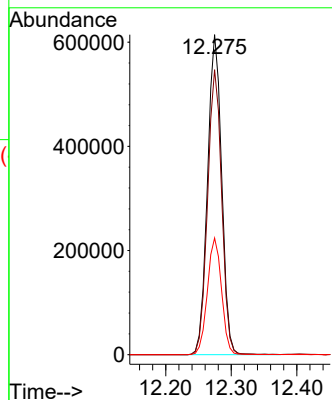
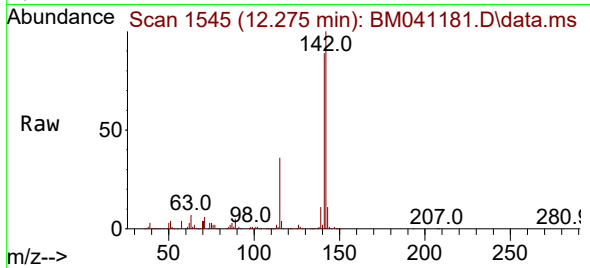




#37
2-Methylnaphthalene
Concen: 40.777 ng
RT: 12.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

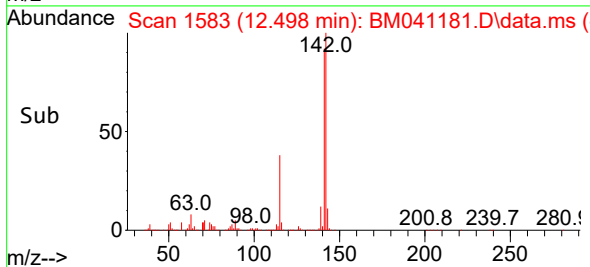
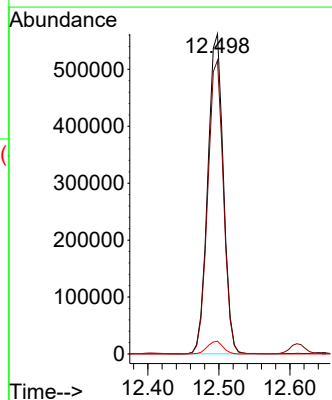
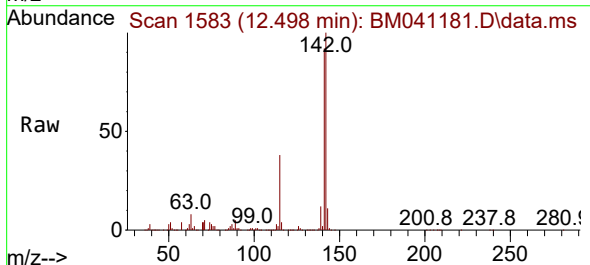
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

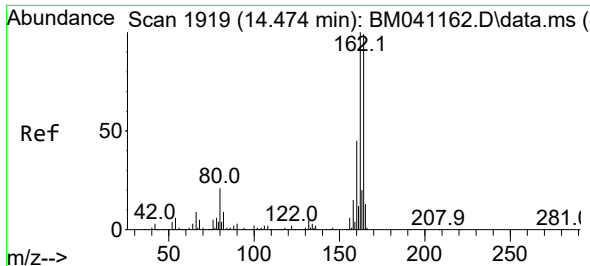
Tgt Ion:142 Resp: 922478
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 36.4 29.3 43.9



#38
1-Methylnaphthalene
Concen: 40.546 ng
RT: 12.498 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:142 Resp: 858494
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2
116 4.0 3.2 4.8

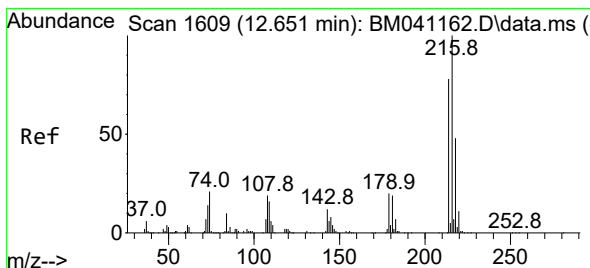
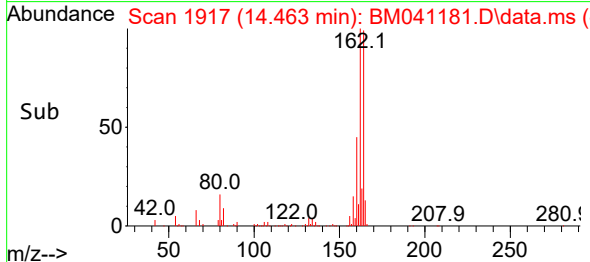
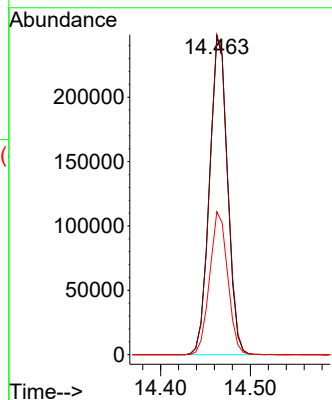
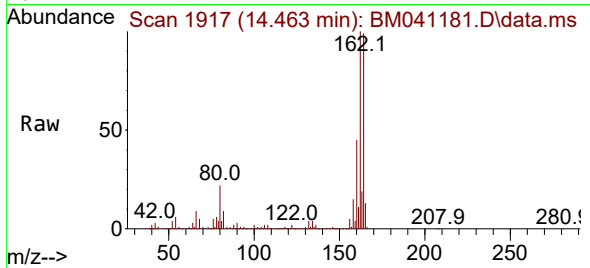




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

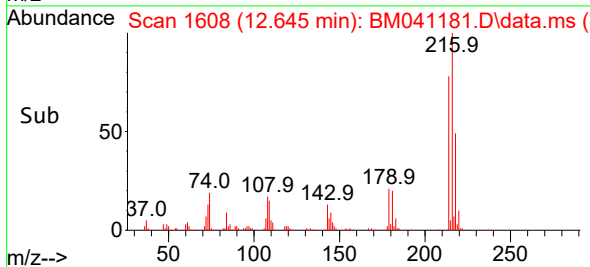
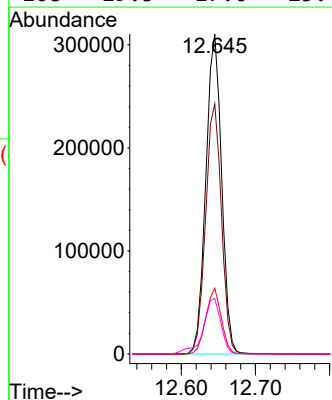
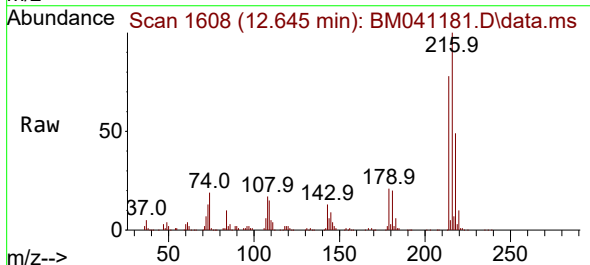
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

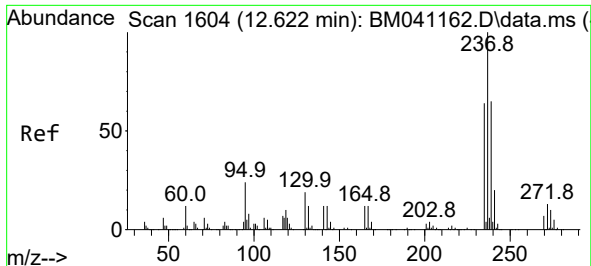
Tgt Ion:164 Resp: 343912
Ion Ratio Lower Upper
164 100
162 100.8 80.4 120.6
160 45.1 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.114 ng
RT: 12.645 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:216 Resp: 459123
Ion Ratio Lower Upper
216 100
214 78.6 63.2 94.8
179 20.1 16.2 24.2
108 19.5 17.0 25.4

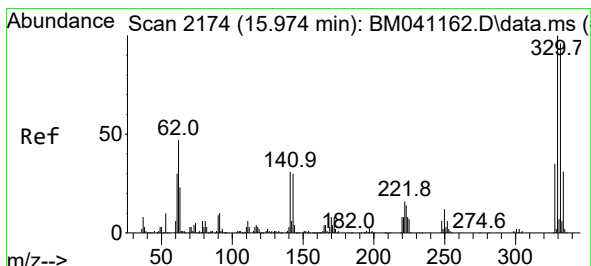
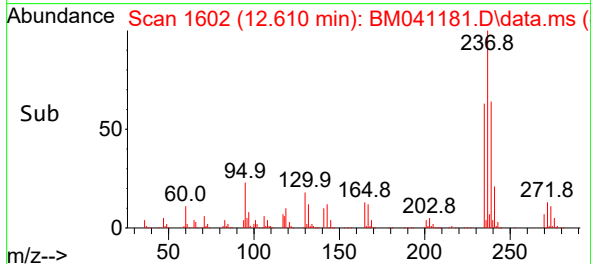
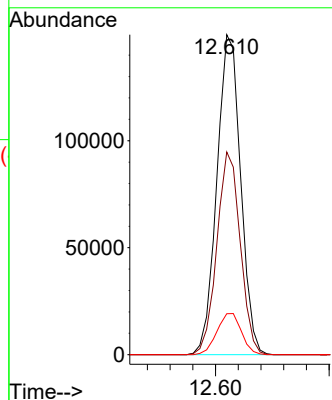
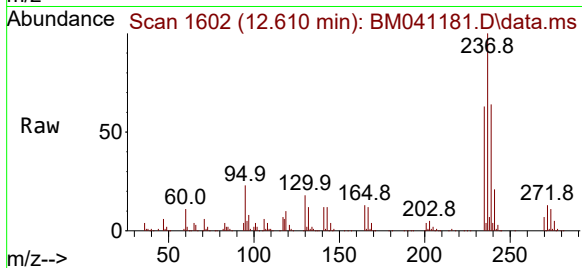




#41
Hexachlorocyclopentadiene
Concen: 36.796 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

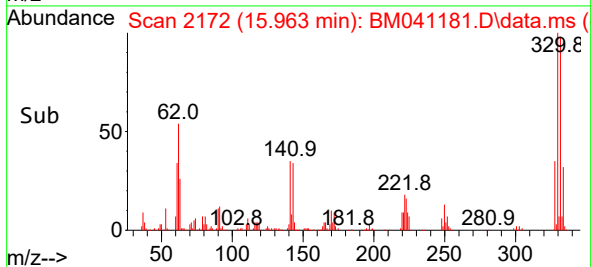
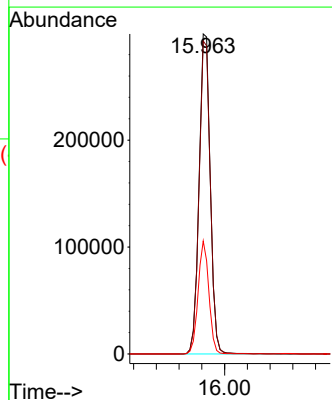
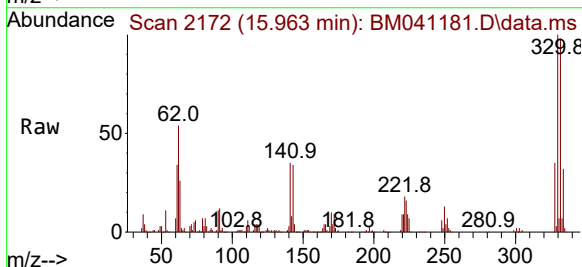
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

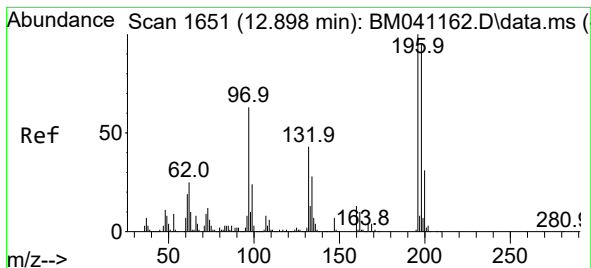
Tgt Ion:237 Resp: 217388
Ion Ratio Lower Upper
237 100
235 63.4 43.6 83.6
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 84.347 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:330 Resp: 410304
Ion Ratio Lower Upper
330 100
332 98.2 77.7 116.5
141 34.0 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 42.989 ng

RT: 12.892 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

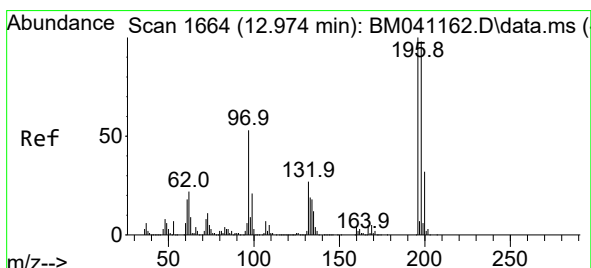
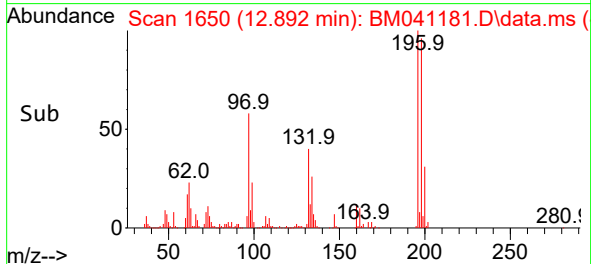
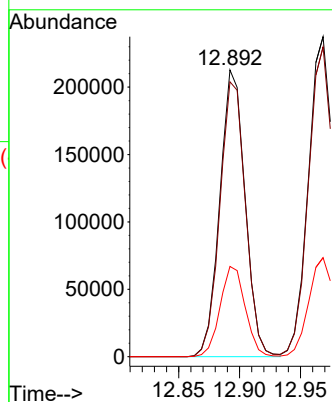
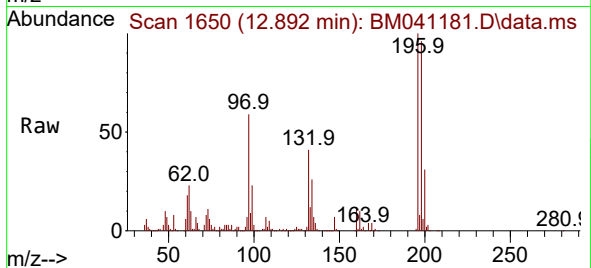
Tgt Ion:196 Resp: 307695

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.4

200 31.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 43.429 ng

RT: 12.969 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Tgt Ion:196 Resp: 359779

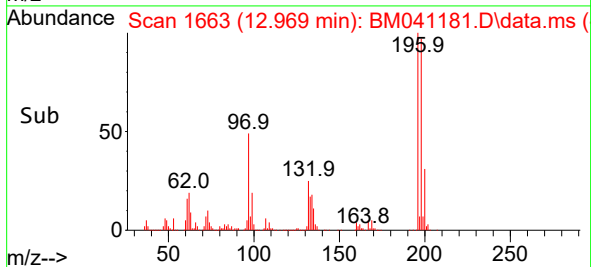
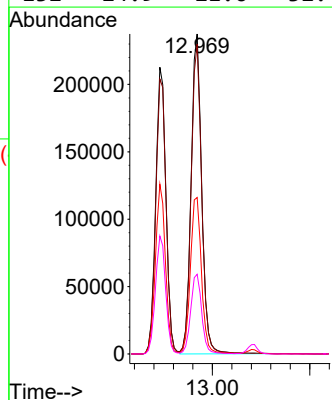
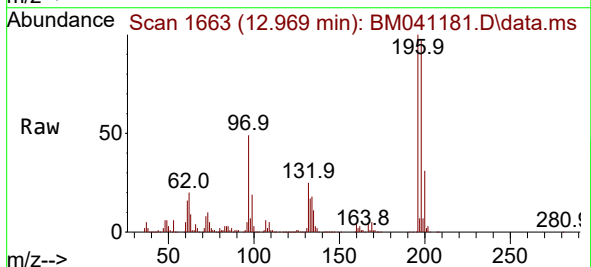
Ion Ratio Lower Upper

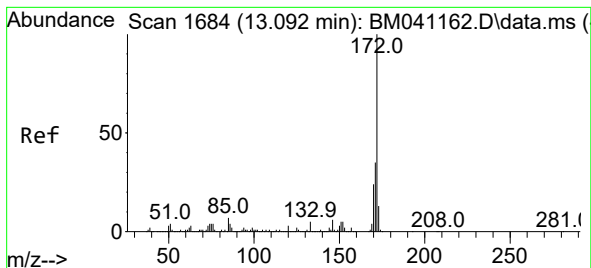
196 100

198 96.8 78.2 117.4

97 48.9 42.7 64.1

132 24.9 21.6 32.4

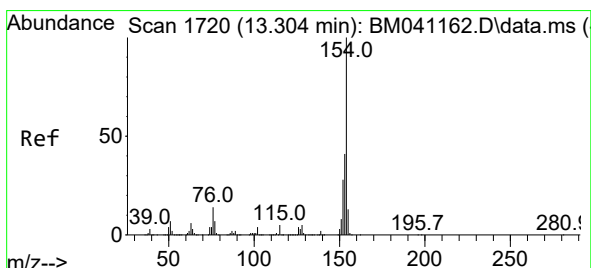
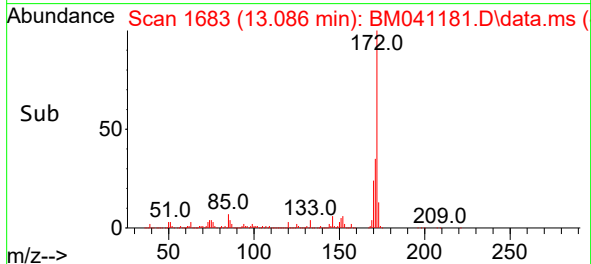
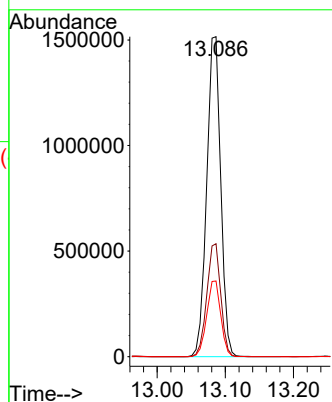
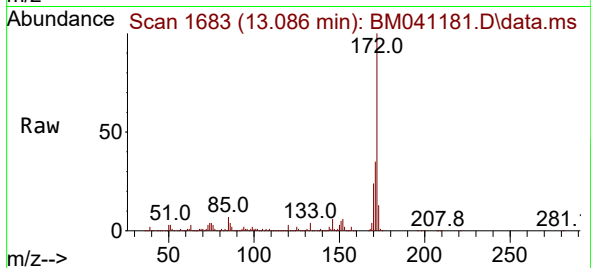




#45
2-Fluorobiphenyl
Concen: 79.662 ng
RT: 13.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

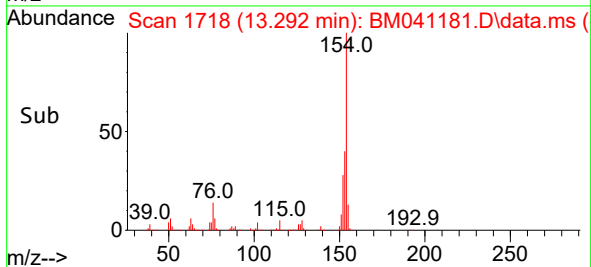
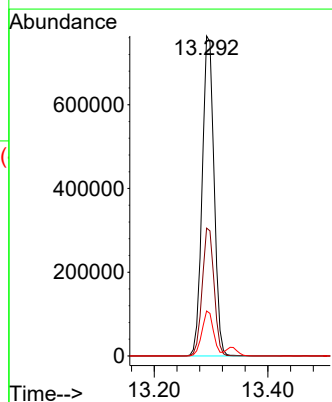
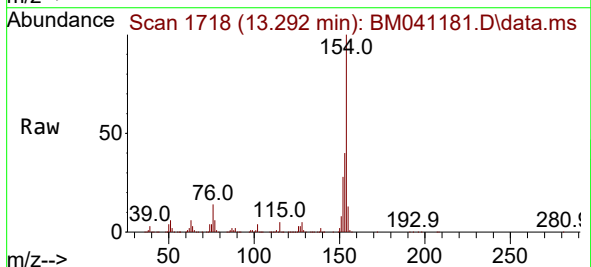
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

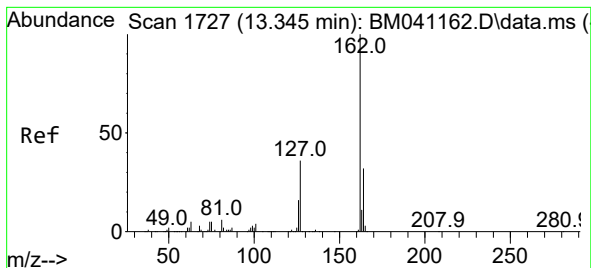
Tgt Ion:172 Resp: 2168750
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.781 ng
RT: 13.292 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:154 Resp: 1109110
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 14.0 0.0 34.1

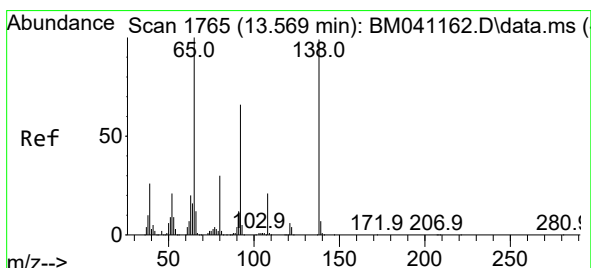
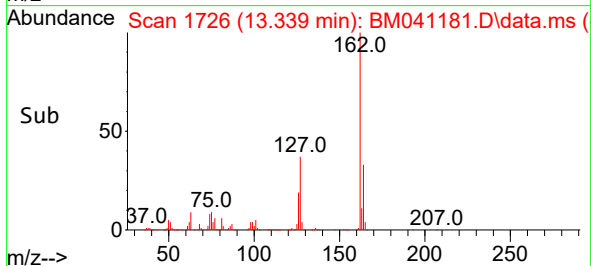
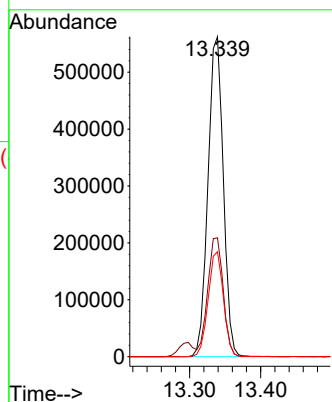
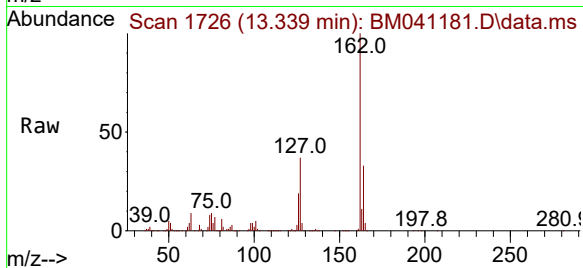




#47
2-Chloronaphthalene
Concen: 40.559 ng
RT: 13.339 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

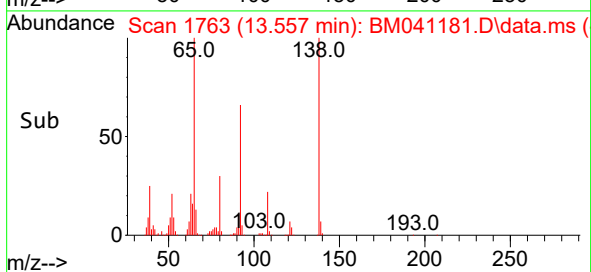
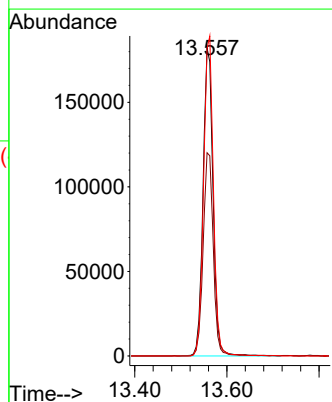
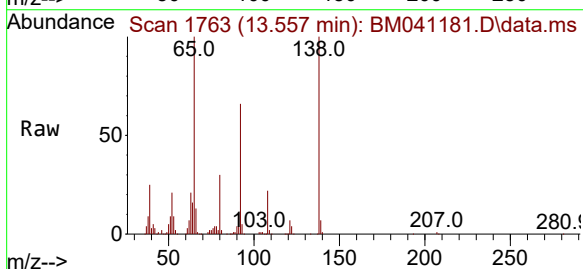
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

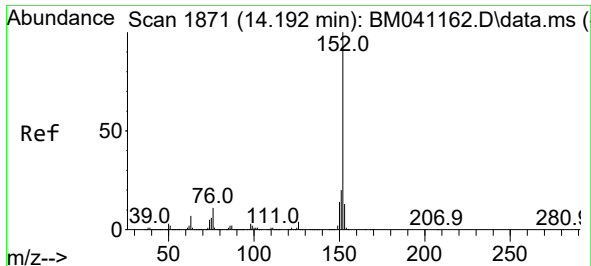
Tgt Ion:162 Resp: 844347
Ion Ratio Lower Upper
162 100
127 37.2 30.6 45.8
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 41.639 ng
RT: 13.557 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion: 65 Resp: 276691
Ion Ratio Lower Upper
65 100
92 66.0 53.0 79.4
138 99.8 79.1 118.7

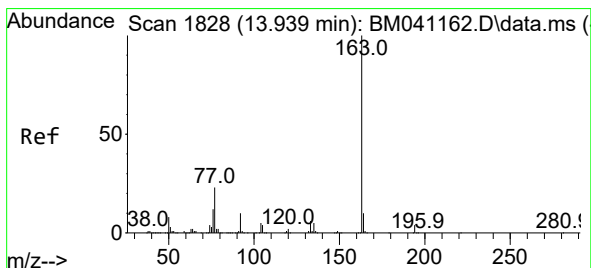
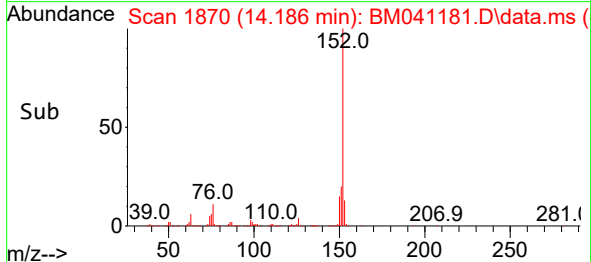
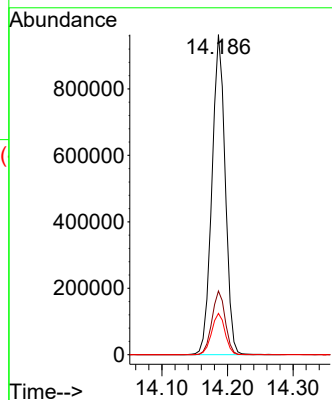
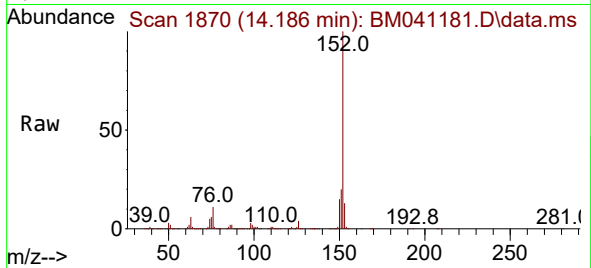




#49
Acenaphthylene
Concen: 40.323 ng
RT: 14.186 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

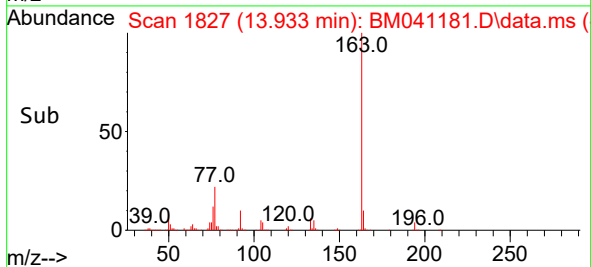
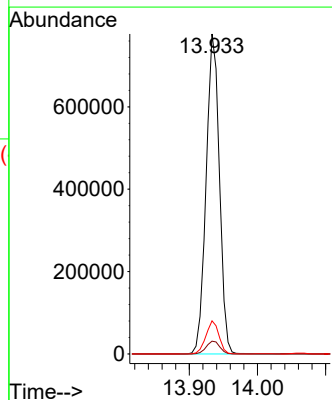
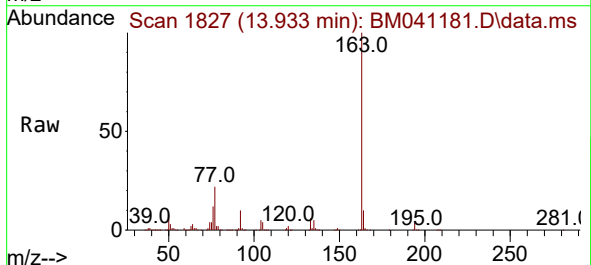
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

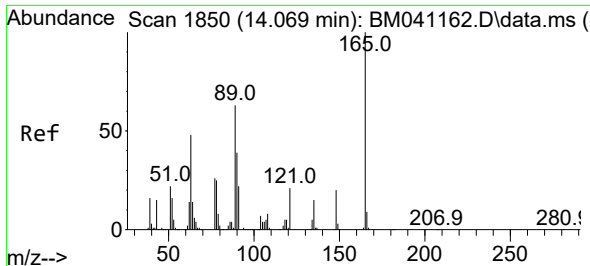
Tgt Ion:152 Resp: 1354909
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 40.720 ng
RT: 13.933 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:163 Resp: 1053416
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.3 12.5

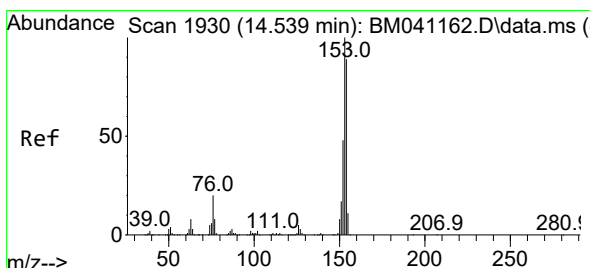
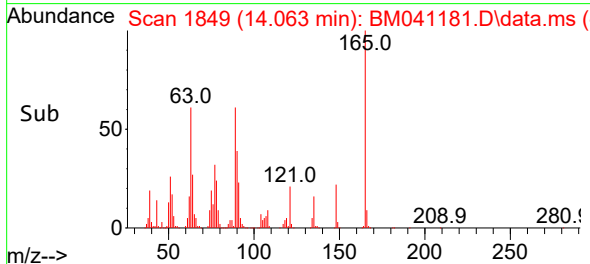
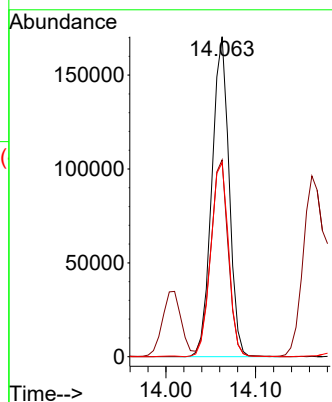
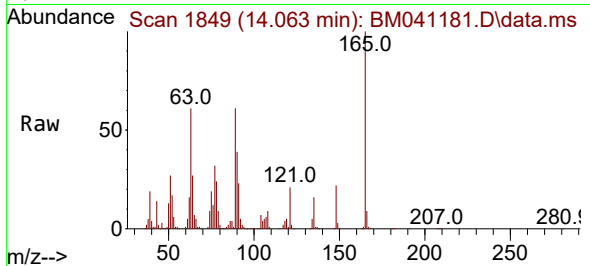




#51
2,6-Dinitrotoluene
Concen: 42.384 ng
RT: 14.063 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

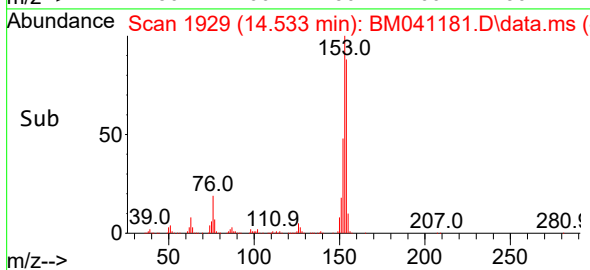
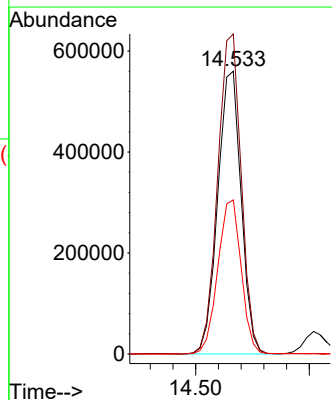
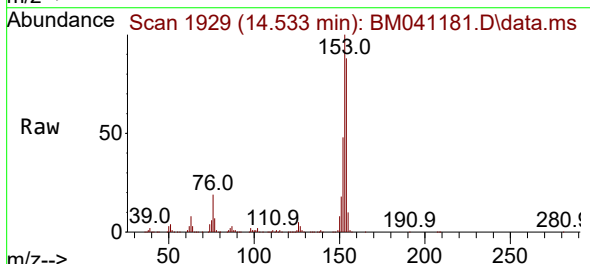
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

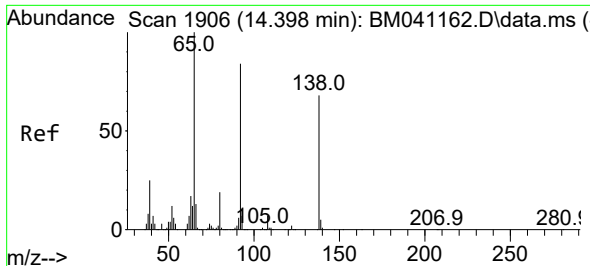
Tgt Ion:165 Resp: 227186
Ion Ratio Lower Upper
165 100
63 61.5 50.9 76.3
89 60.6 50.6 76.0



#52
Acenaphthene
Concen: 39.614 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:154 Resp: 801876
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.4
152 54.5 43.4 65.0

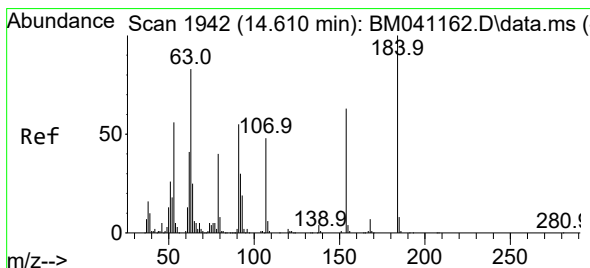
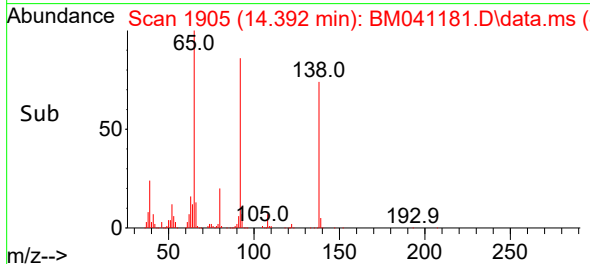
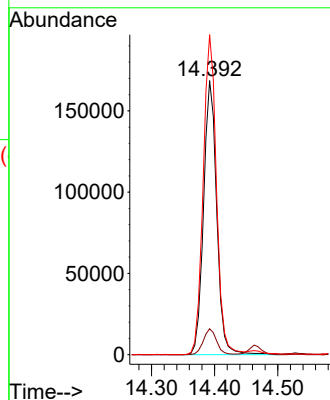
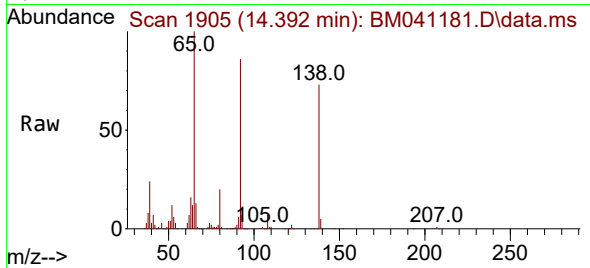




#53
3-Nitroaniline
Concen: 39.980 ng
RT: 14.392 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

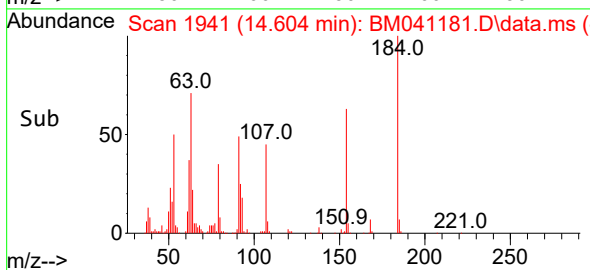
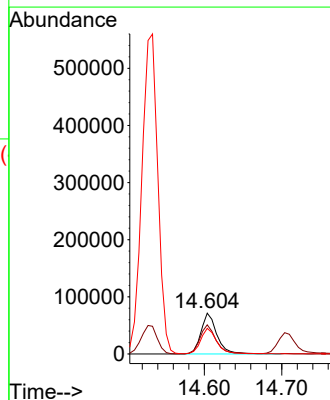
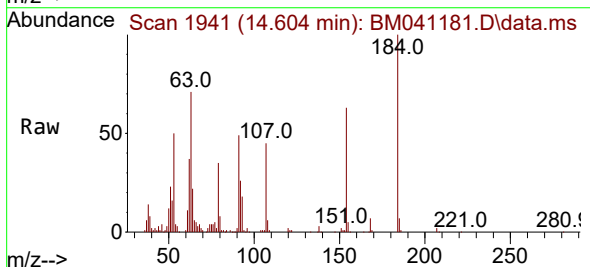
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

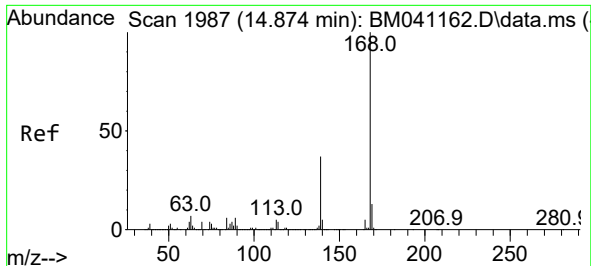
Tgt Ion:138 Resp: 245163
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 116.7 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 31.835 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:184 Resp: 101518
Ion Ratio Lower Upper
184 100
63 71.4 66.5 99.7
154 62.8 52.8 79.2

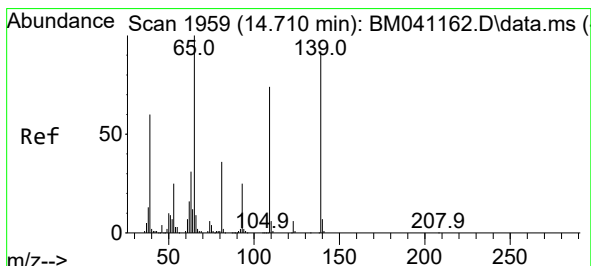
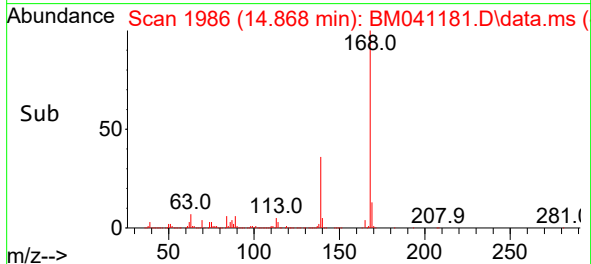
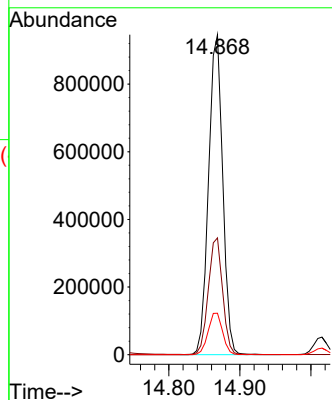
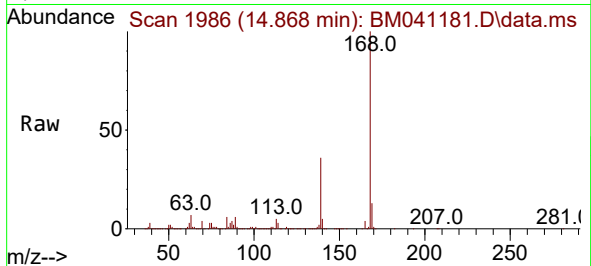




#55
Dibenzenofuran
Concen: 39.729 ng
RT: 14.868 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

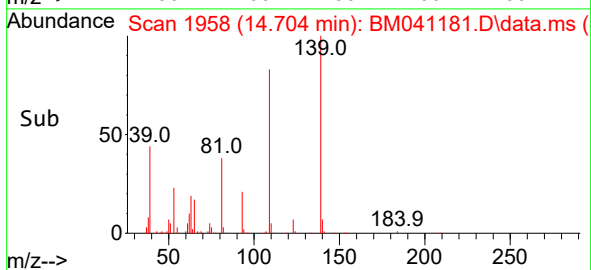
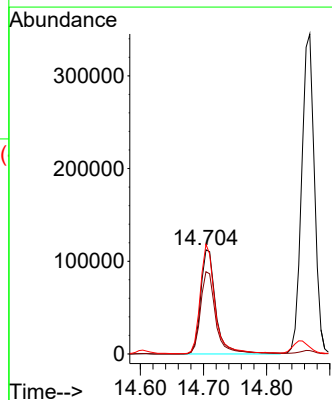
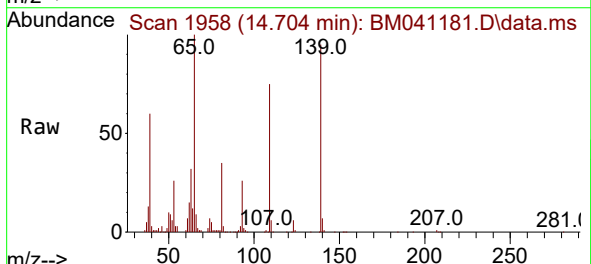
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

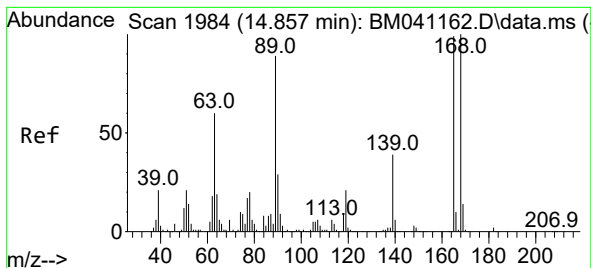
Tgt Ion:168 Resp: 1312109
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.6
169 12.9 10.5 15.7



#56
4-Nitrophenol
Concen: 41.815 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:139 Resp: 186801
Ion Ratio Lower Upper
139 100
109 78.9 61.2 101.2
65 105.1 89.5 129.5

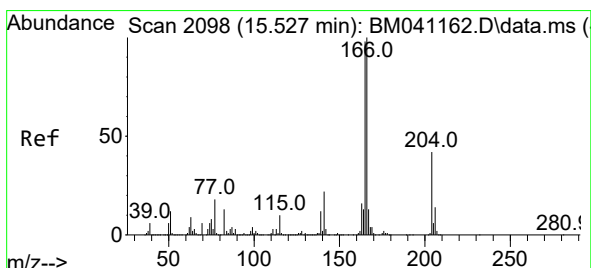
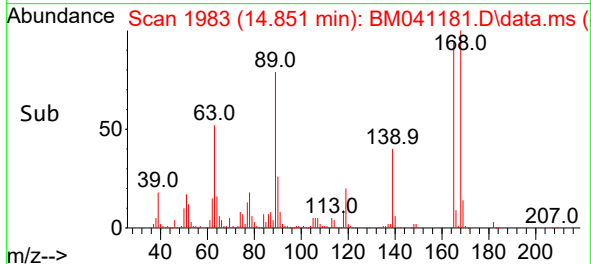
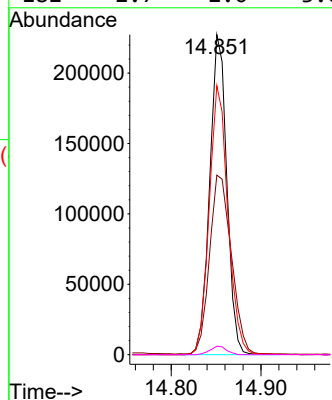
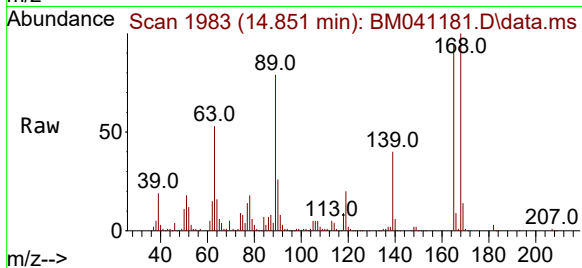




#57
2,4-Dinitrotoluene
Concen: 39.761 ng
RT: 14.851 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

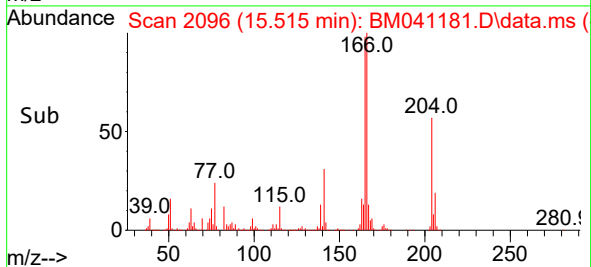
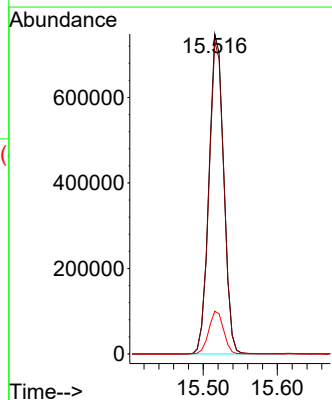
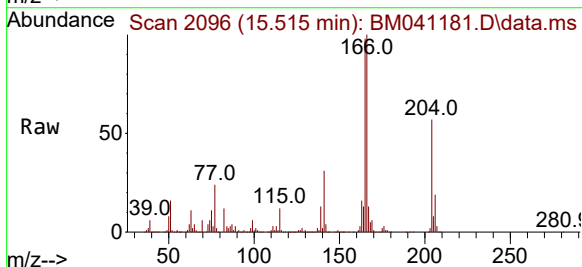
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

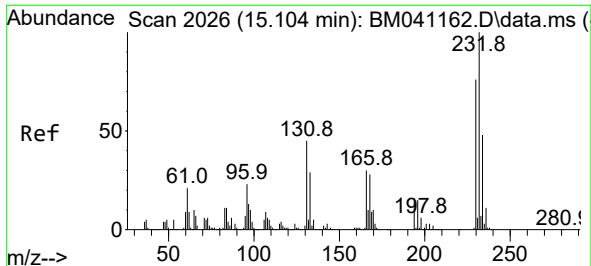
Tgt Ion:165 Resp: 300646
Ion Ratio Lower Upper
165 100
63 56.1 48.3 72.5
89 84.1 71.8 107.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.747 ng
RT: 15.515 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:166 Resp: 1035565
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.4 10.6 16.0

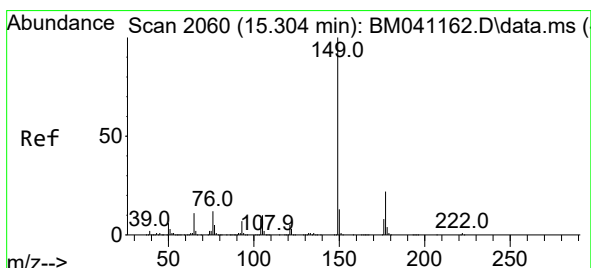
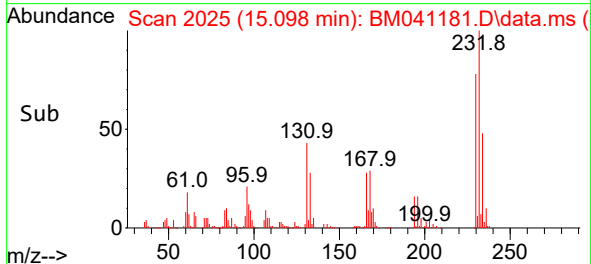
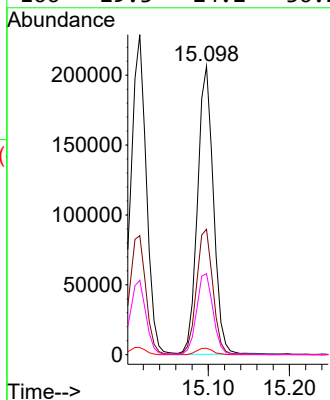
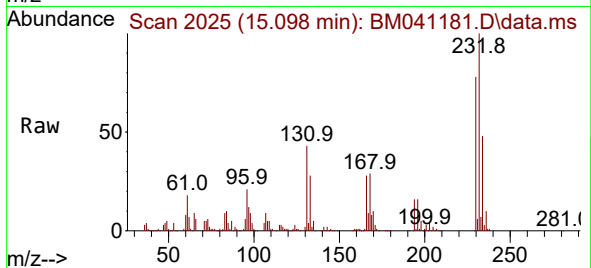




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.745 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

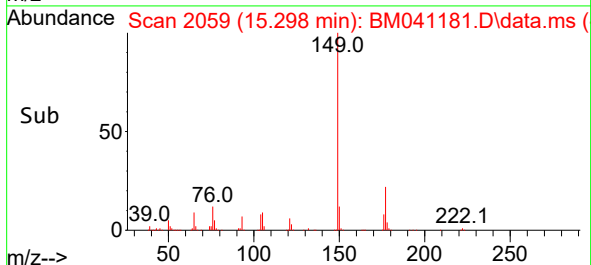
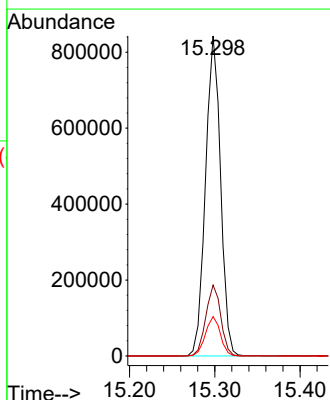
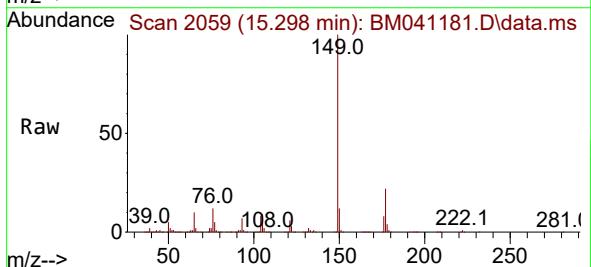
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

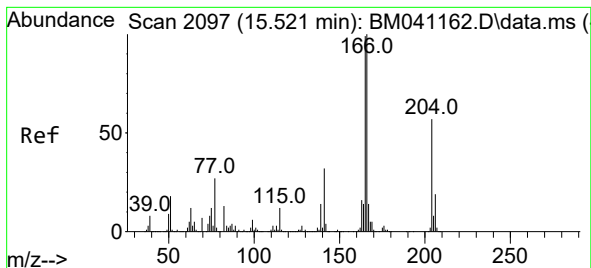
Tgt Ion:232 Resp: 280043
Ion Ratio Lower Upper
232 100
131 44.9 36.9 55.3
130 2.4 2.0 3.0
166 29.3 24.2 36.2



#60
Diethylphthalate
Concen: 41.286 ng
RT: 15.298 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:149 Resp: 1032851
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.3 10.1 15.1

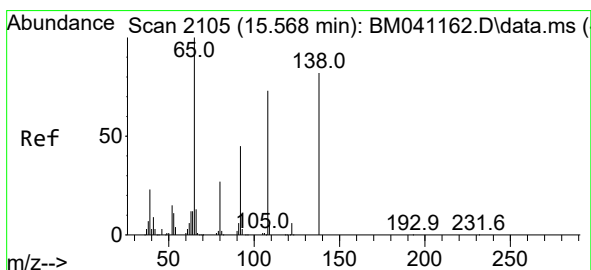
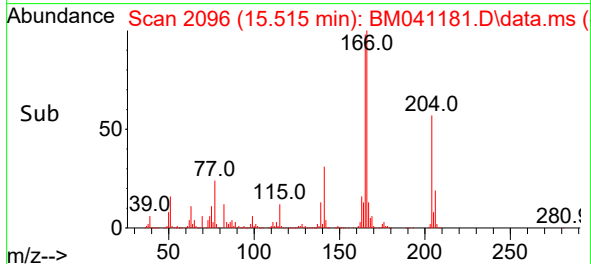
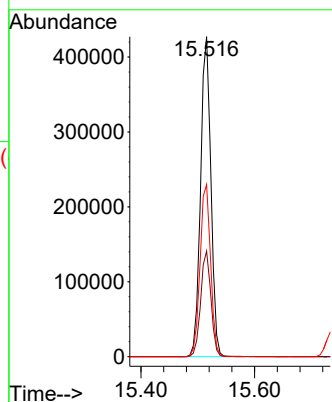
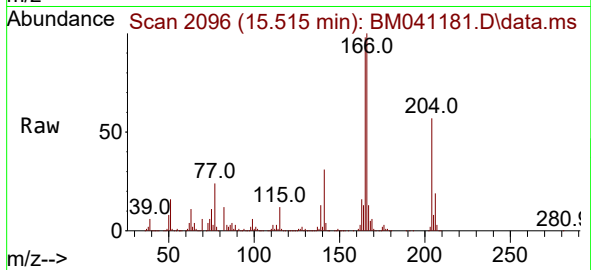




#61
4-Chlorophenyl-phenylether
Concen: 41.371 ng
RT: 15.515 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

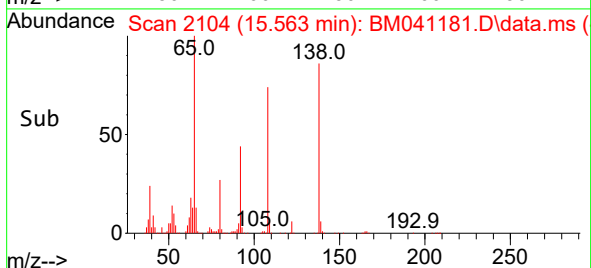
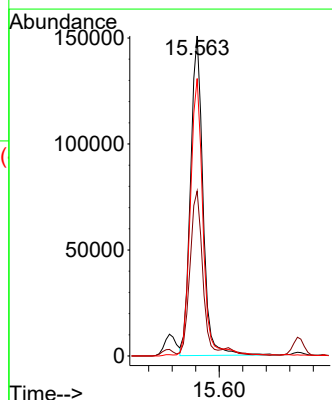
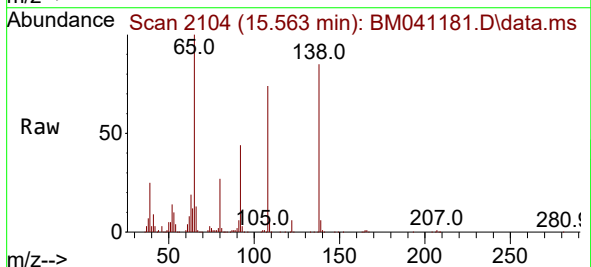
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

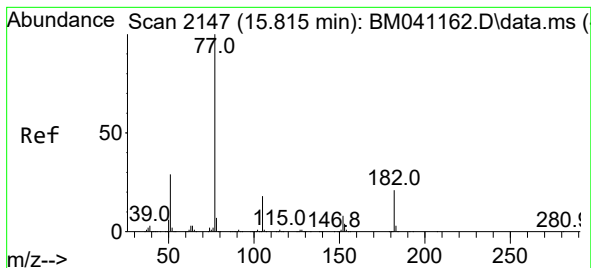
Tgt Ion:204 Resp: 540135
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 53.8 44.8 67.2



#62
4-Nitroaniline
Concen: 39.726 ng
RT: 15.563 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:138 Resp: 222636
Ion Ratio Lower Upper
138 100
92 51.6 35.1 75.1
108 86.7 67.8 107.8





#63

Azobenzene

Concen: 39.247 ng

RT: 15.810 min Scan# 2146

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1075508

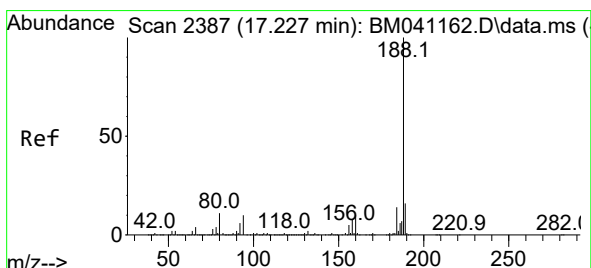
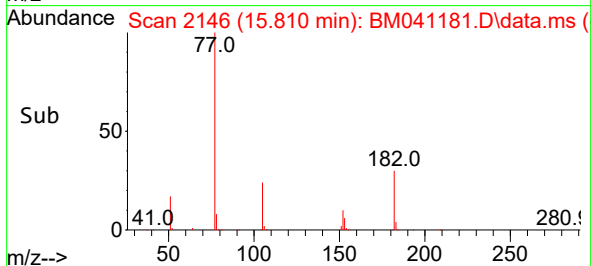
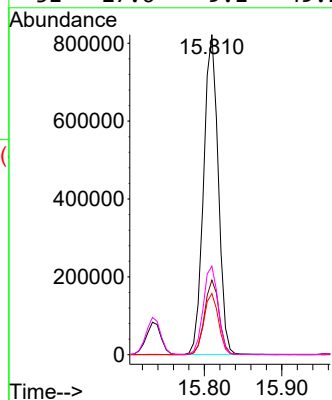
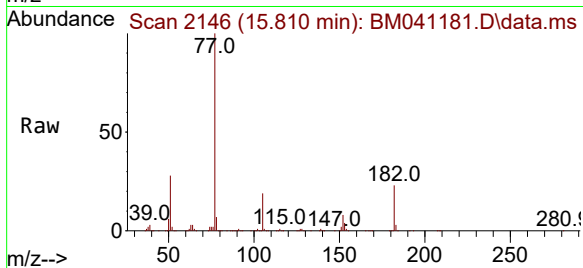
Ion Ratio Lower Upper

77 100

182 23.3 1.3 41.3

105 19.1 0.0 38.5

51 27.6 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

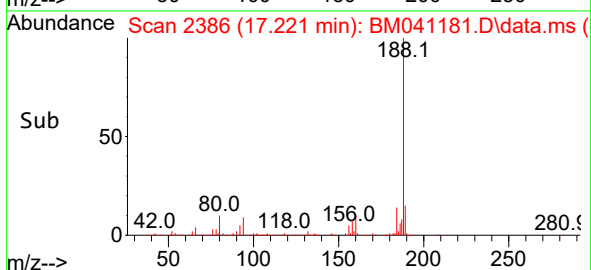
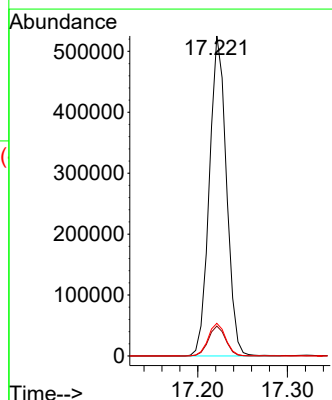
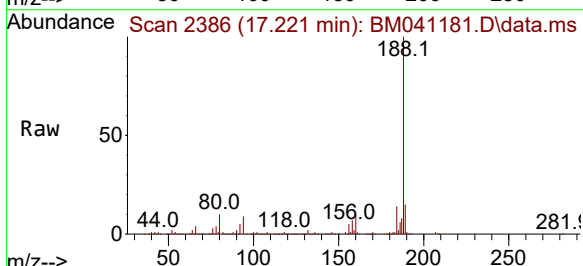
Tgt Ion: 188 Resp: 695974

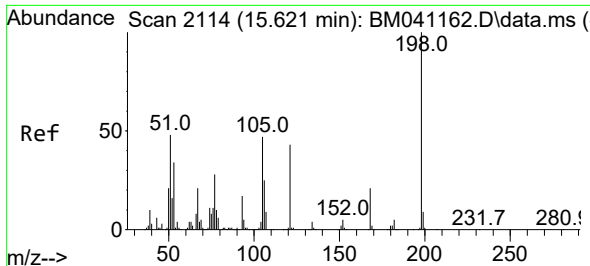
Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

80 10.2 8.6 13.0

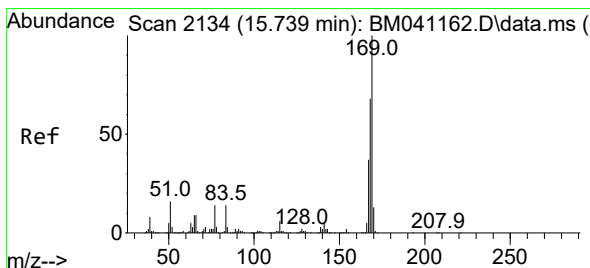
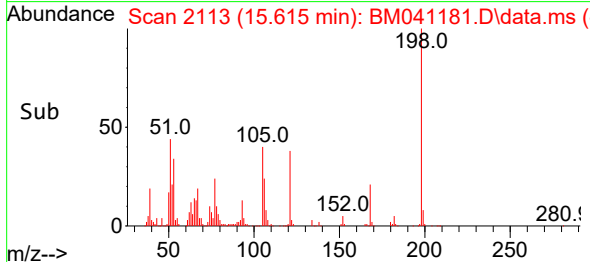
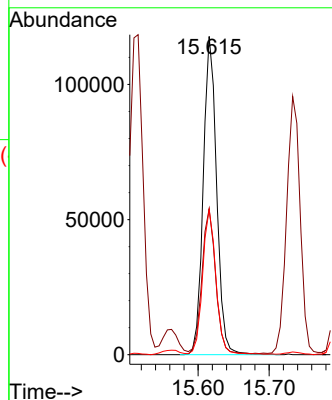
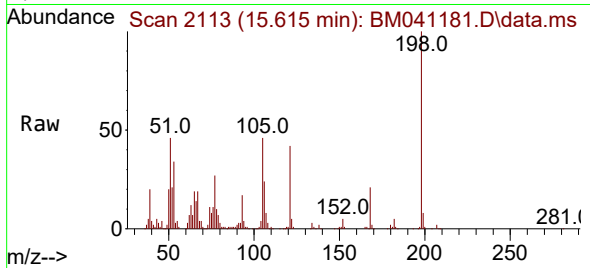




#65
4,6-Dinitro-2-methylphenol
Concen: 36.724 ng
RT: 15.615 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

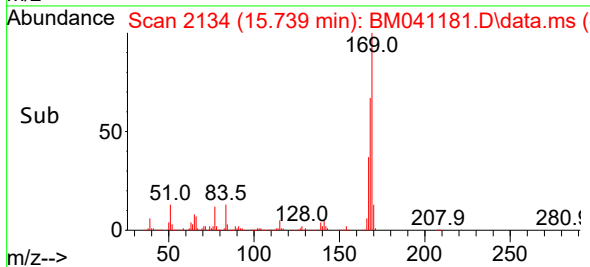
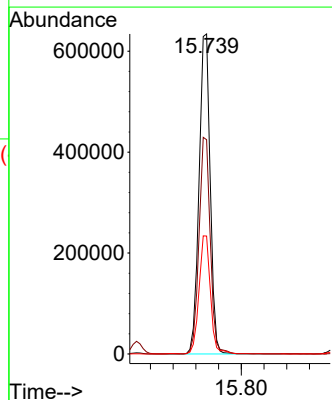
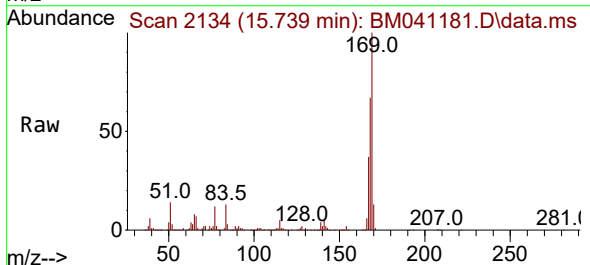
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

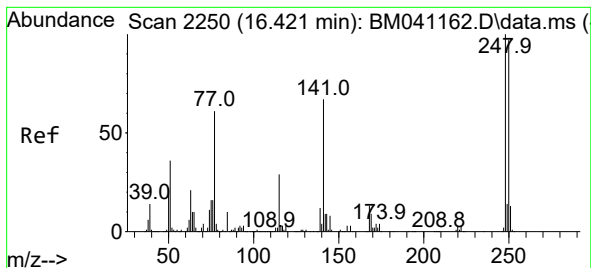
Tgt Ion:198 Resp: 154833
Ion Ratio Lower Upper
198 100
51 45.9 31.7 71.7
105 45.6 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 40.012 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:169 Resp: 866075
Ion Ratio Lower Upper
169 100
168 67.0 54.6 81.8
167 36.9 29.9 44.9

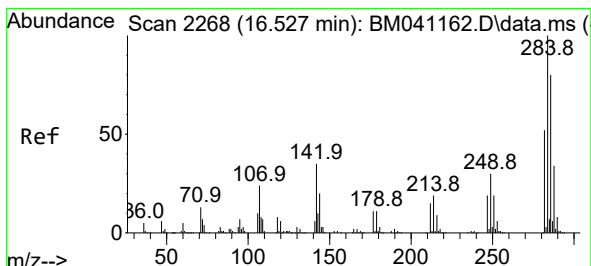
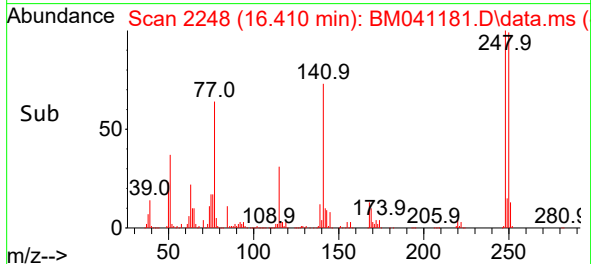
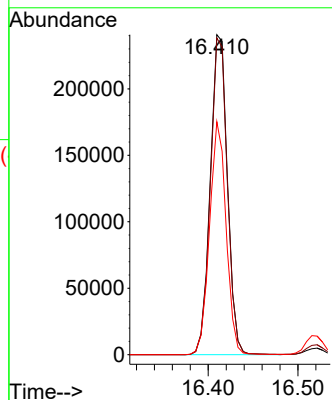
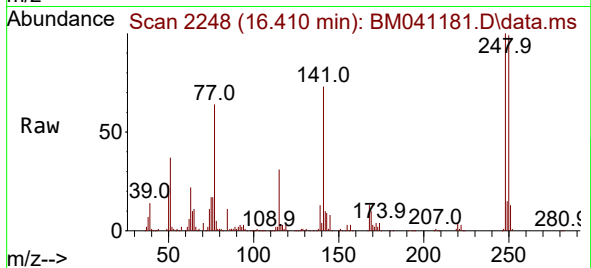




#67
4-Bromophenyl-phenylether
Concen: 41.856 ng
RT: 16.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

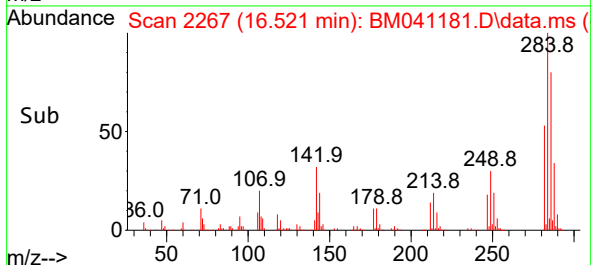
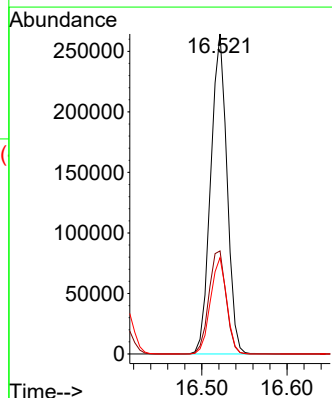
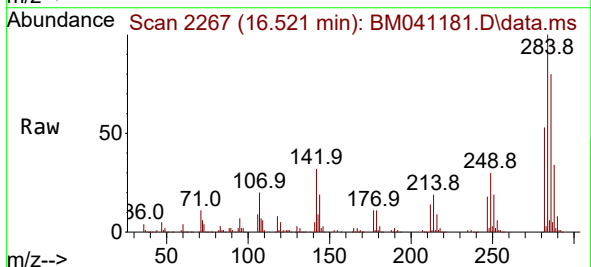
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

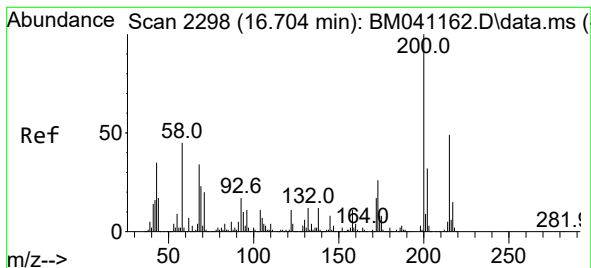
Tgt Ion:248 Resp: 319395
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 72.8 53.8 80.8



#68
Hexachlorobenzene
Concen: 41.297 ng
RT: 16.521 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:284 Resp: 350412
Ion Ratio Lower Upper
284 100
142 32.2 28.0 42.0
249 30.1 23.7 35.5





#69

Atrazine

Concen: 42.583 ng

RT: 16.698 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

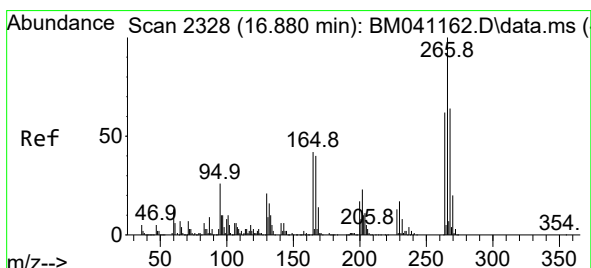
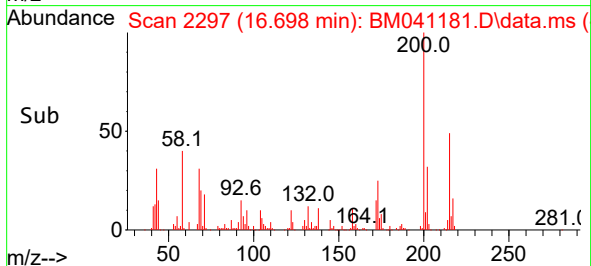
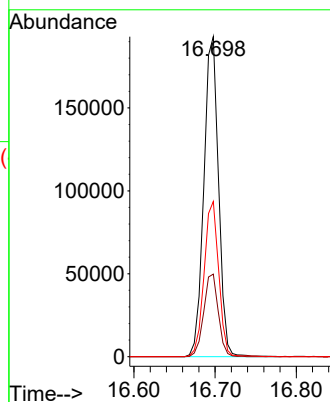
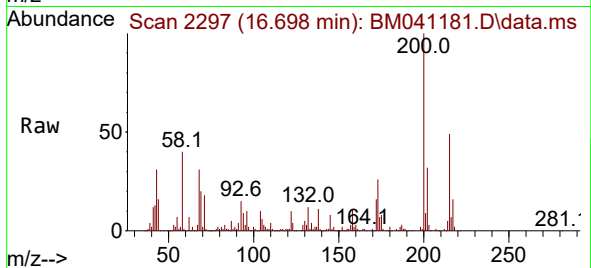
Tgt Ion:200 Resp: 242059

Ion Ratio Lower Upper

200 100

173 25.8 5.6 45.6

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 43.575 ng

RT: 16.874 min Scan# 2327

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

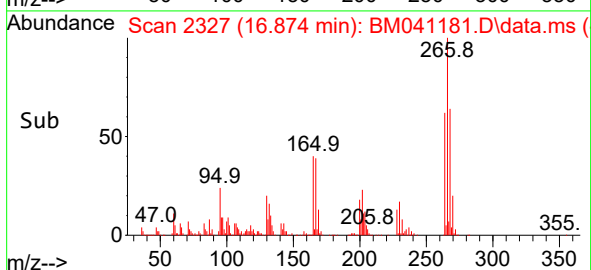
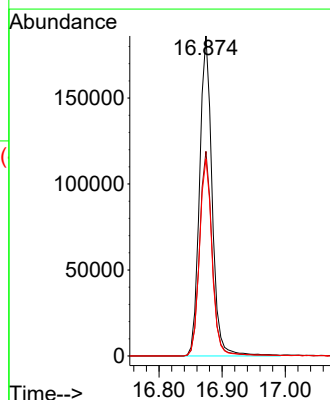
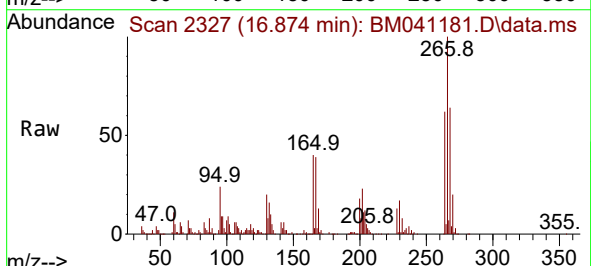
Tgt Ion:266 Resp: 256031

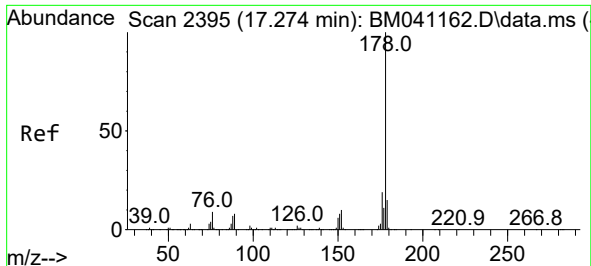
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 61.6 49.4 74.2

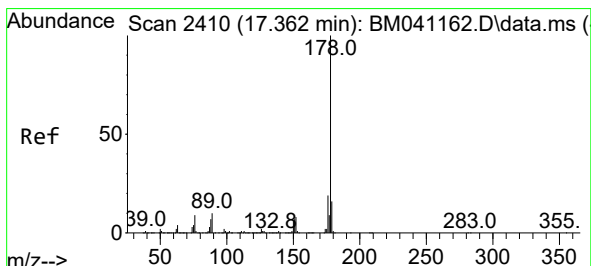
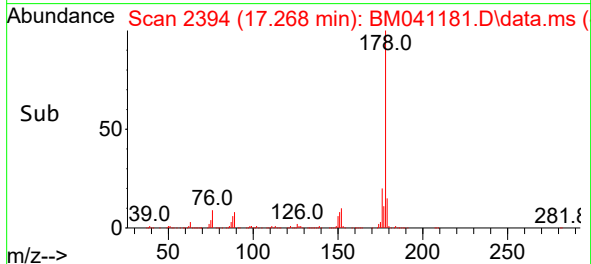
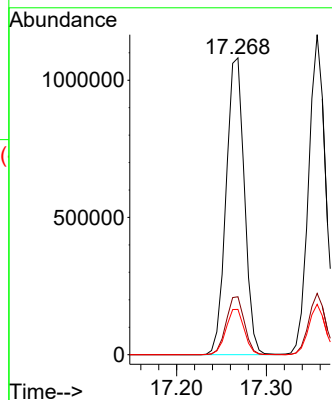
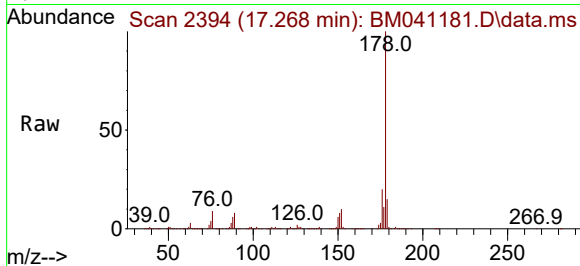




#71
Phenanthrene
Concen: 39.539 ng
RT: 17.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

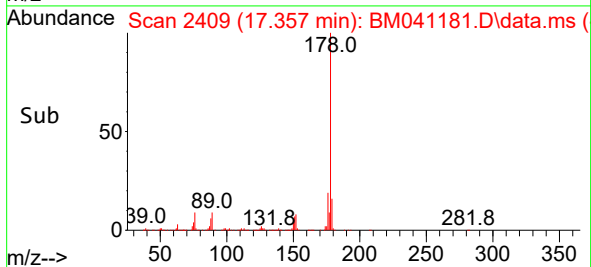
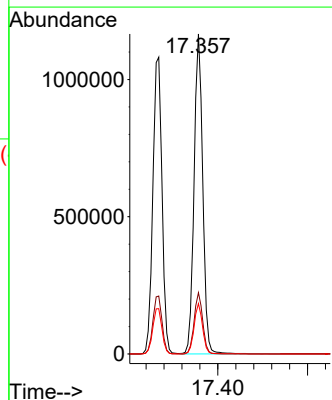
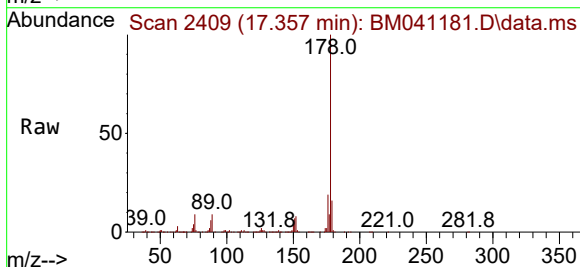
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

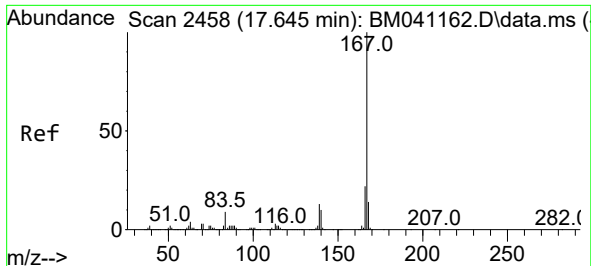
Tgt Ion:178 Resp: 1528935
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.1 18.1



#72
Anthracene
Concen: 40.808 ng
RT: 17.357 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:178 Resp: 1560655
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.7 12.4 18.6



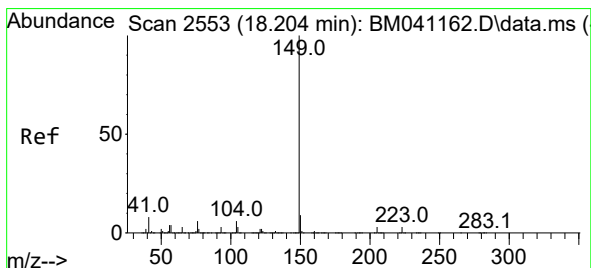
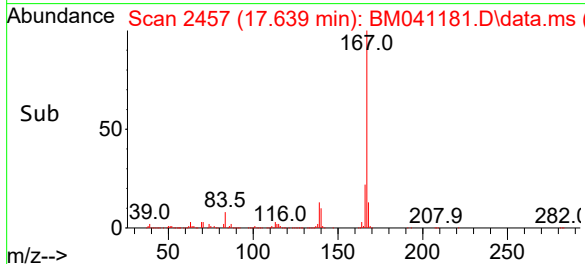
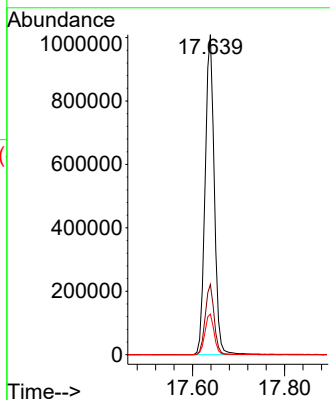
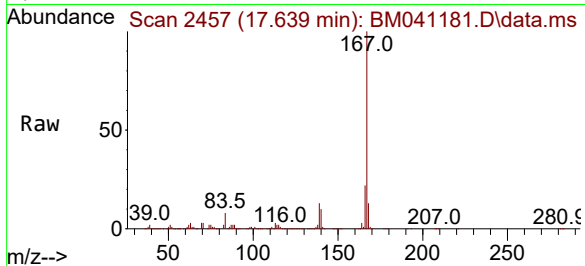


#73
 Carbazole
 Concen: 40.579 ng
 RT: 17.639 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BM041181.D
 Acq: 31 Jul 2023 10:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1404635

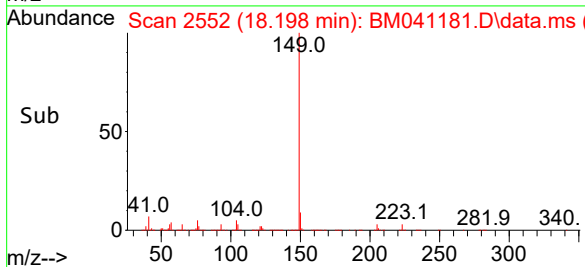
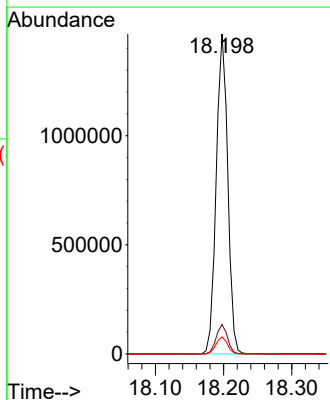
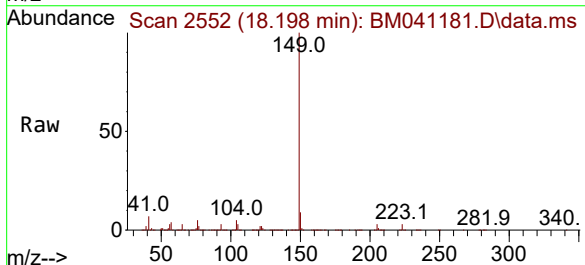
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.7	10.3	15.5

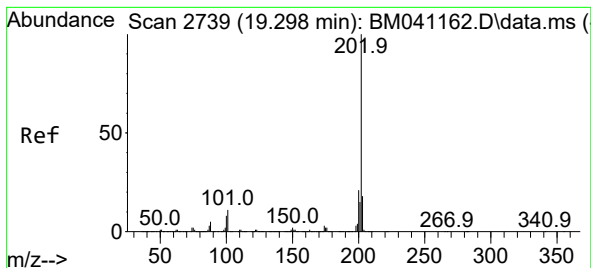


#74
 Di-n-butylphthalate
 Concen: 44.058 ng
 RT: 18.198 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: BM041181.D
 Acq: 31 Jul 2023 10:00

Tgt Ion:149 Resp: 1723334

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.3	4.5	6.7

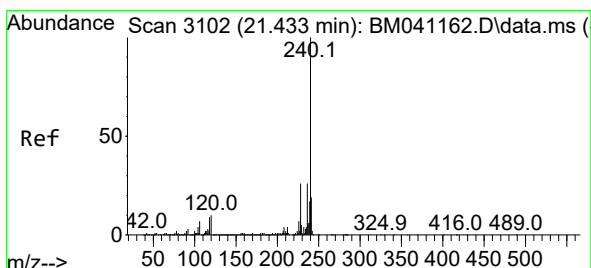
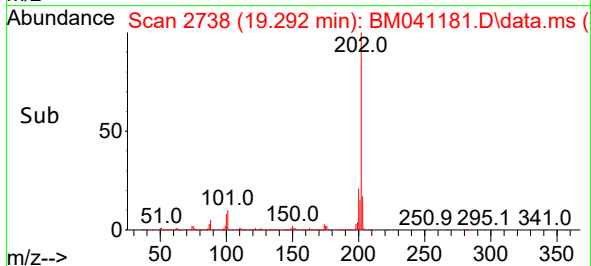
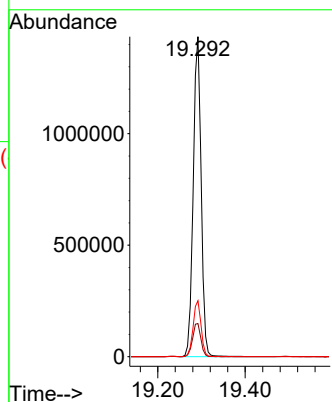
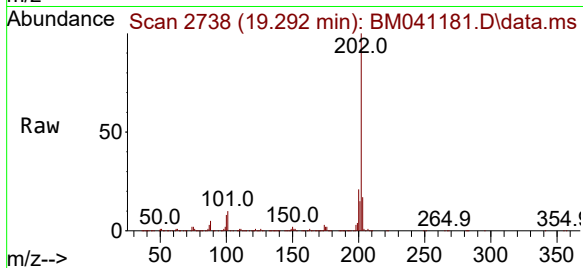




#75
Fluoranthene
Concen: 41.538 ng
RT: 19.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

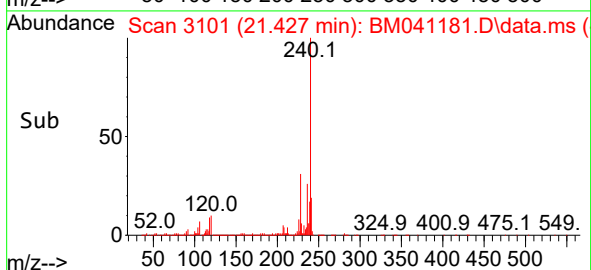
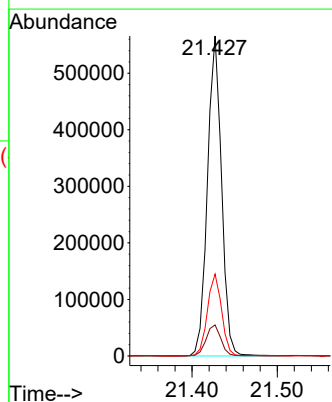
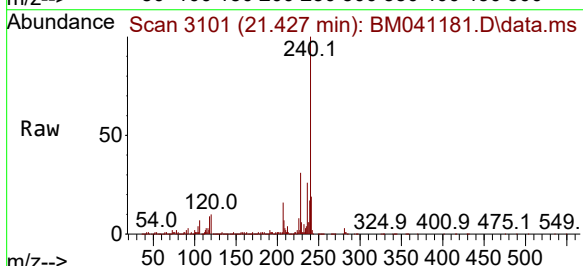
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

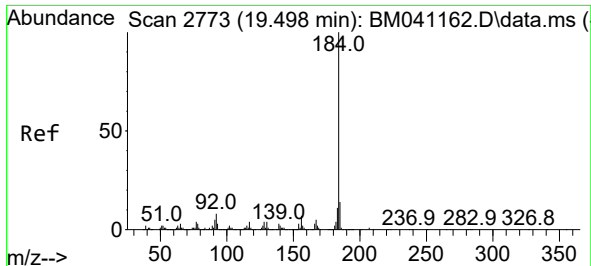
Tgt Ion:202 Resp: 1804571
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:240 Resp: 649582
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 25.6 20.6 30.8

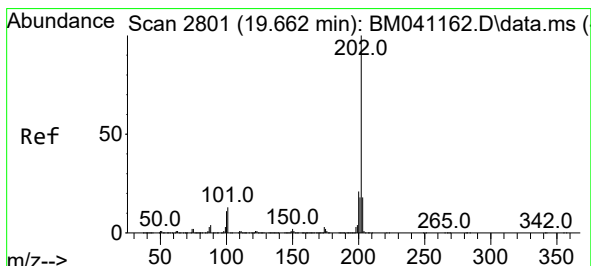
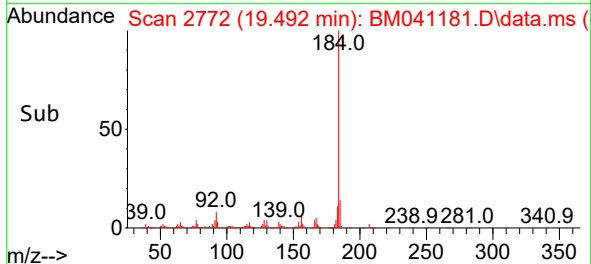
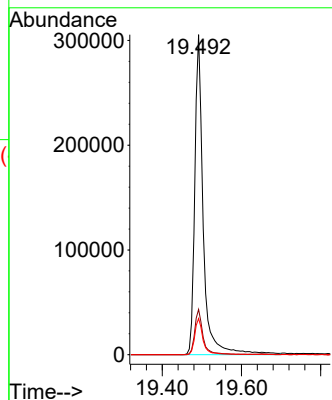
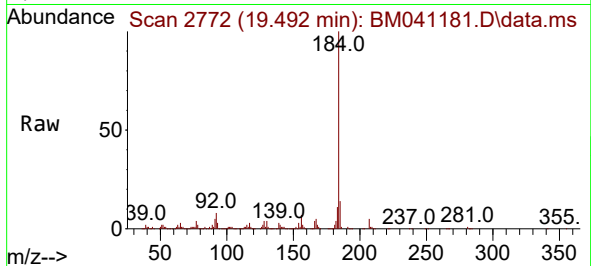




#77
Benzidine
Concen: 51.585 ng
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

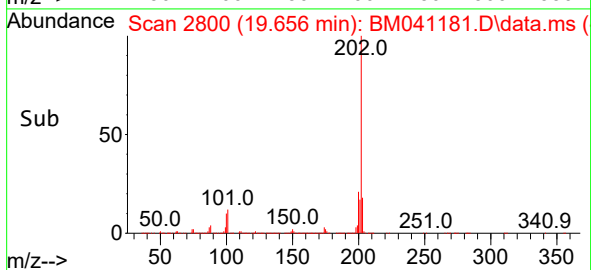
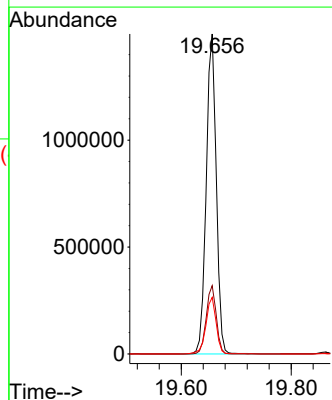
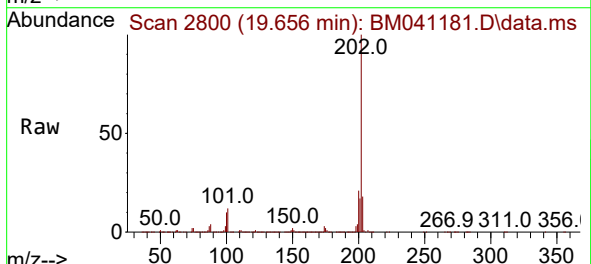
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

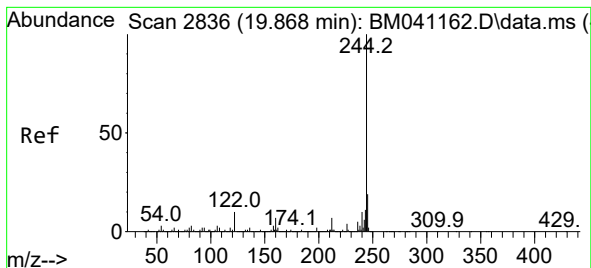
Tgt Ion:184 Resp: 456719
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.3 9.2 13.8



#78
Pyrene
Concen: 41.671 ng
RT: 19.656 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:202 Resp: 1892974
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 85.032 ng

RT: 19.862 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

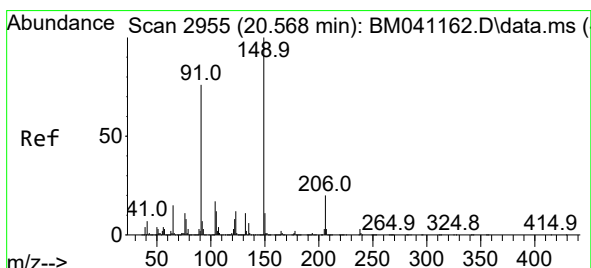
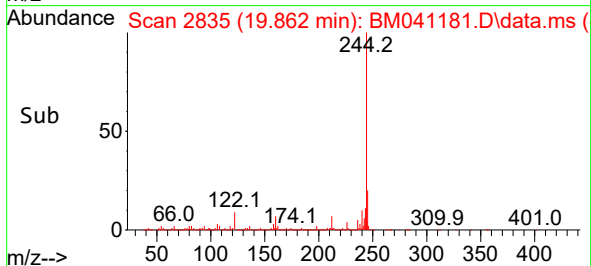
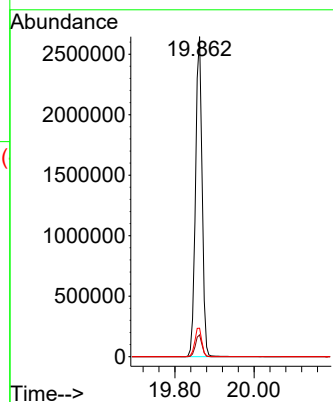
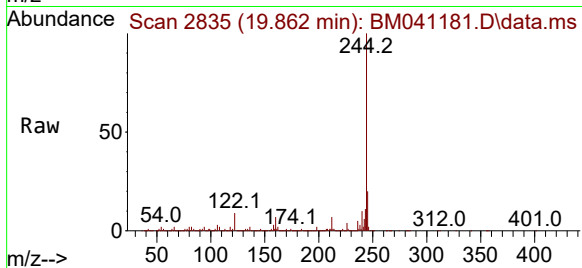
Tgt Ion:244 Resp: 3054962

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 8.9 7.8 11.6



#80

Butylbenzylphthalate

Concen: 46.343 ng

RT: 20.562 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

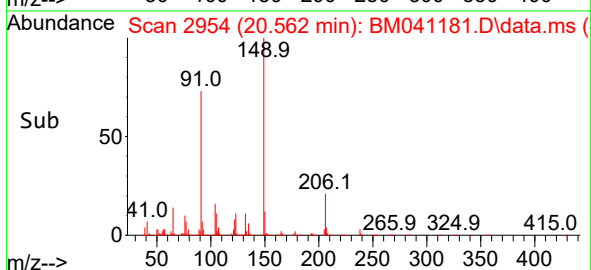
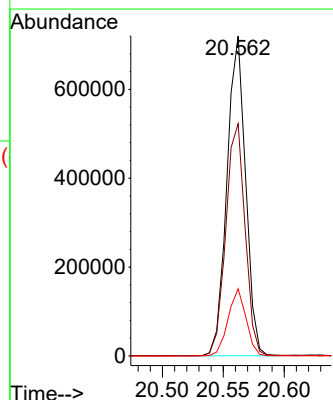
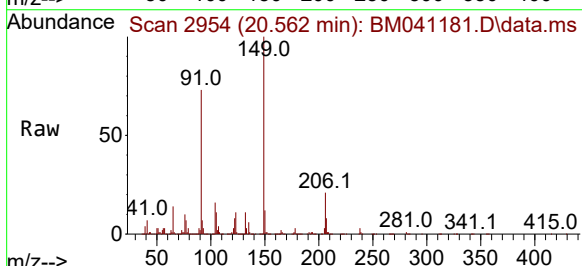
Tgt Ion:149 Resp: 768776

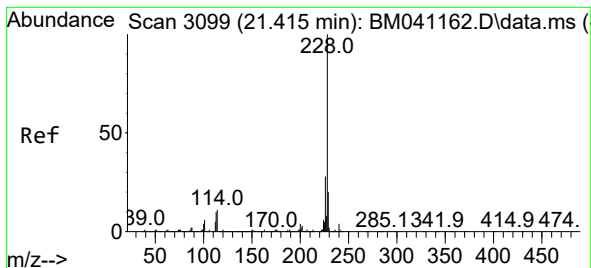
Ion Ratio Lower Upper

149 100

91 72.6 60.8 91.2

206 21.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 41.928 ng

RT: 21.409 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

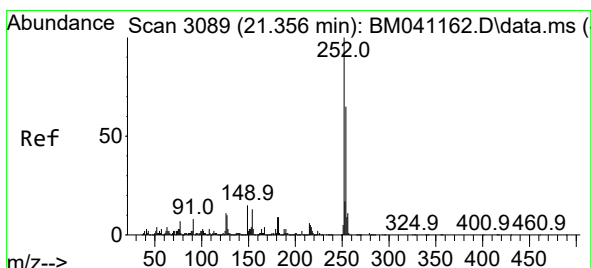
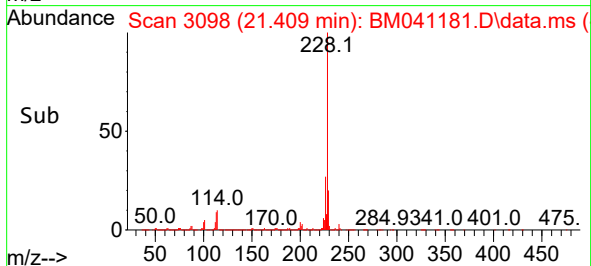
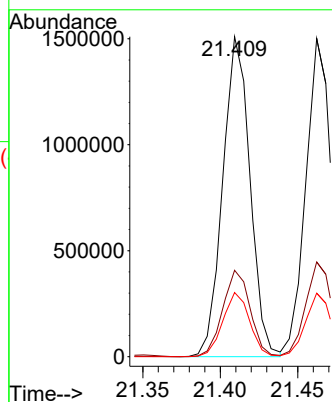
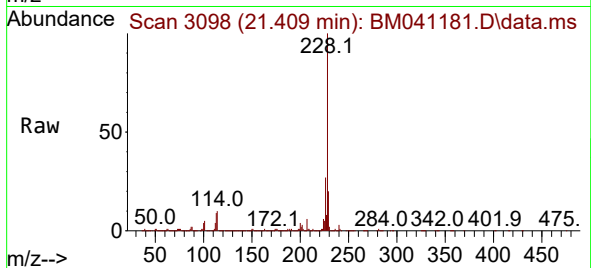
Tgt Ion:228 Resp: 1846344

Ion Ratio Lower Upper

228 100

226 27.0 22.4 33.6

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.202 ng

RT: 21.350 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

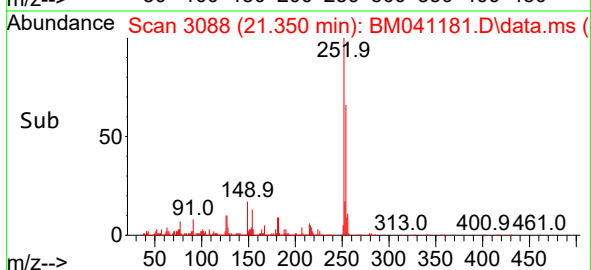
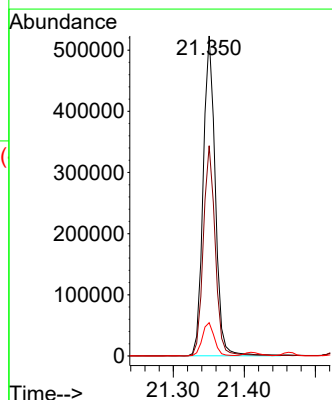
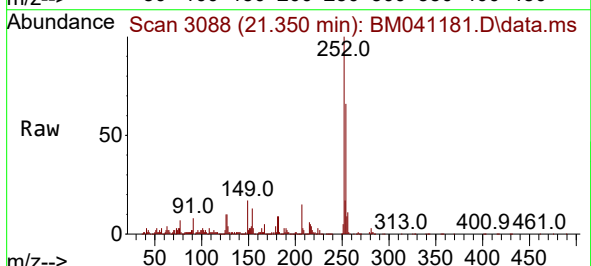
Tgt Ion:252 Resp: 620787

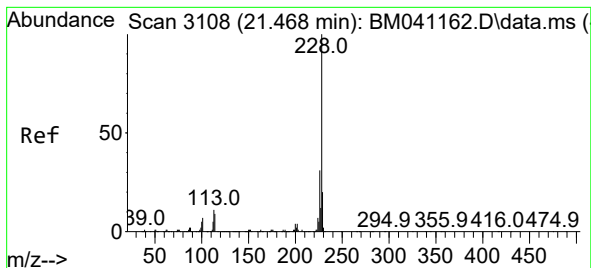
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

126 10.4 8.6 13.0





#83

Chrysene

Concen: 40.769 ng

RT: 21.462 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

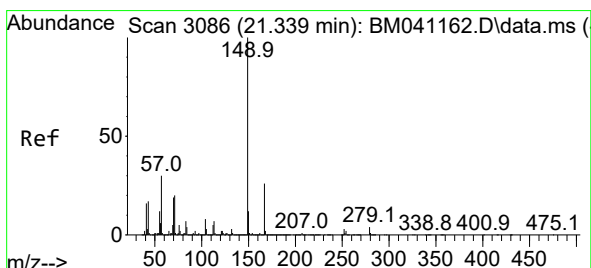
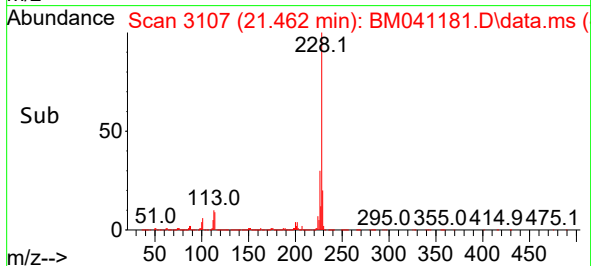
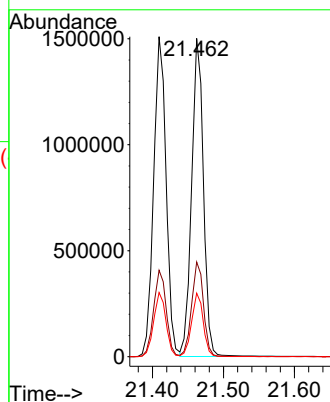
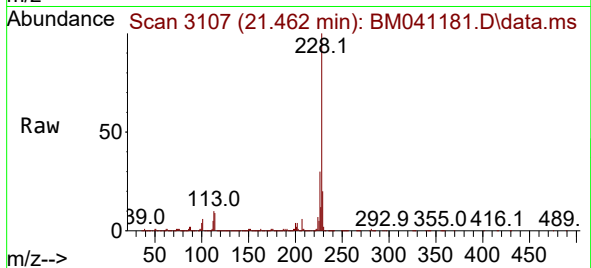
Tgt Ion:228 Resp: 1736531

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.074 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

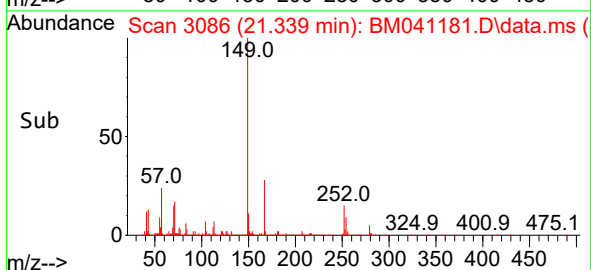
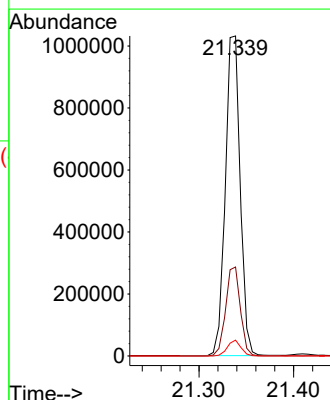
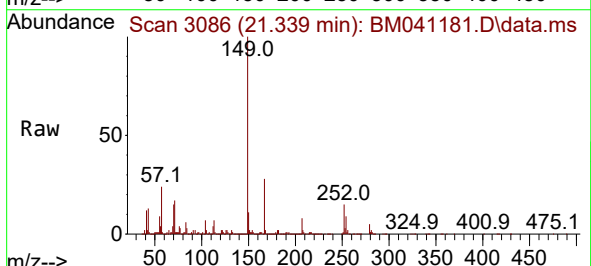
Tgt Ion:149 Resp: 1127487

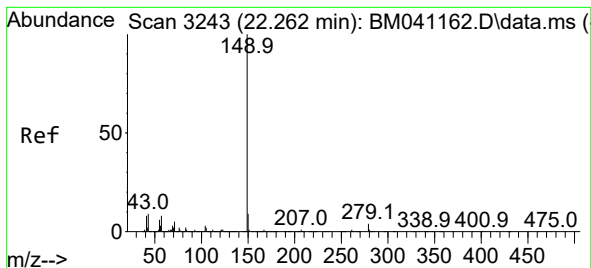
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 4.9 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 45.181 ng

RT: 22.256 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

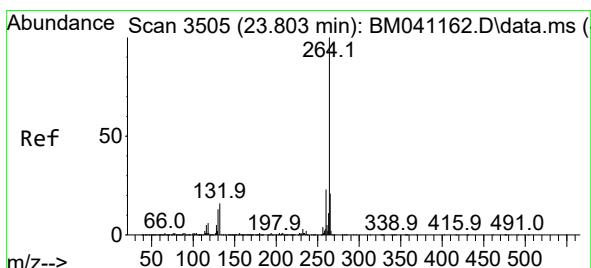
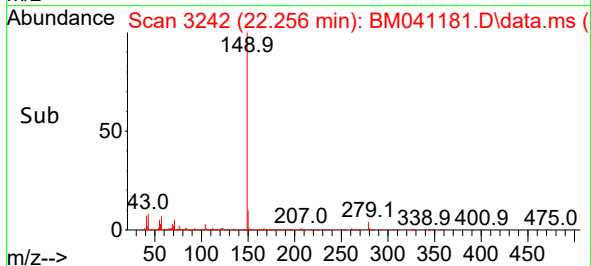
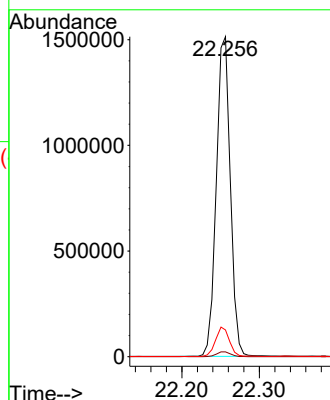
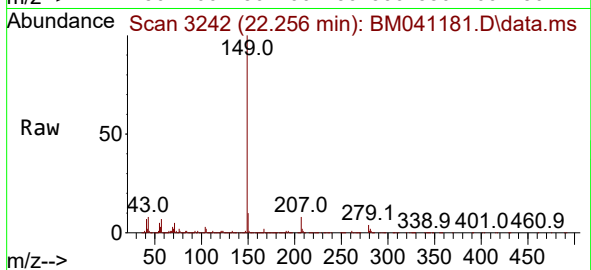
Tgt Ion:149 Resp: 1894228

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

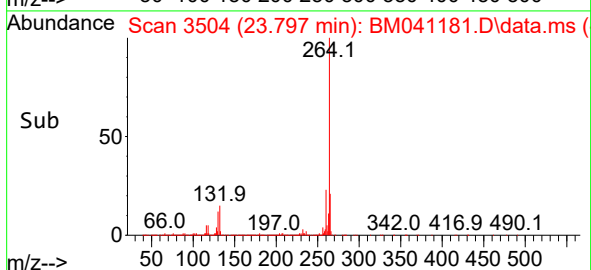
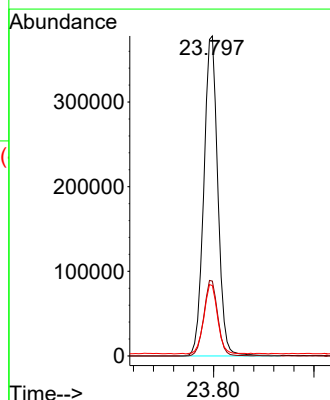
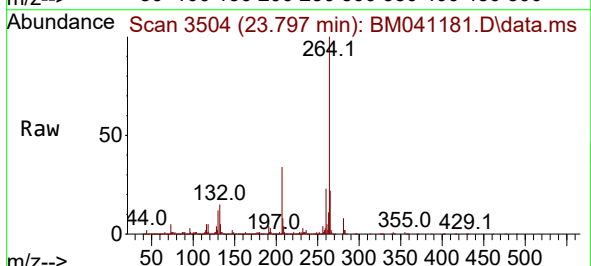
Tgt Ion:264 Resp: 732286

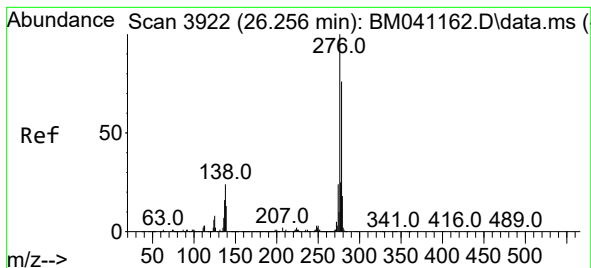
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.026 ng

RT: 26.244 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

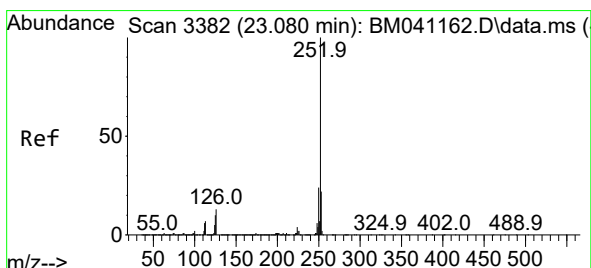
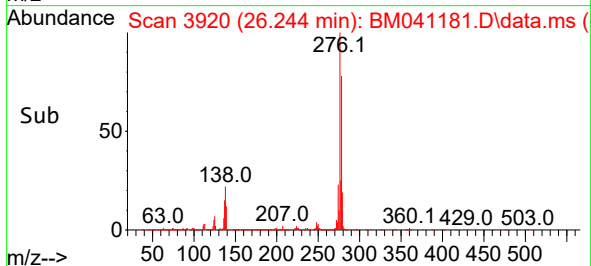
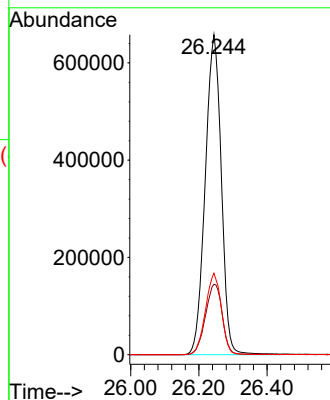
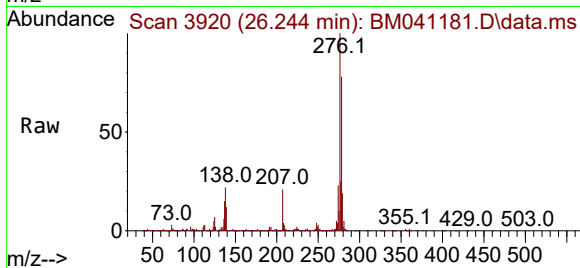
Tgt Ion:276 Resp: 2154932

Ion Ratio Lower Upper

276 100

138 23.0 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.553 ng

RT: 23.074 min Scan# 3381

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

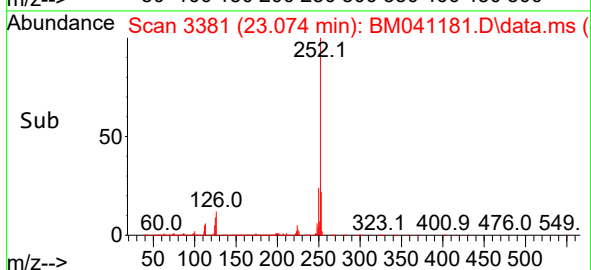
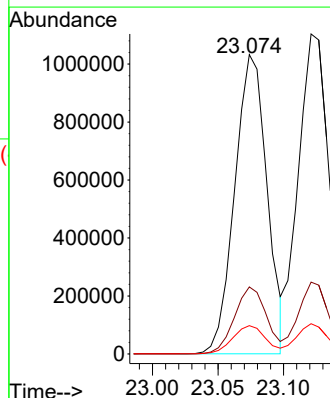
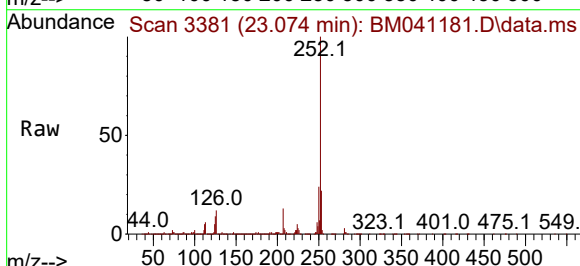
Tgt Ion:252 Resp: 1764153

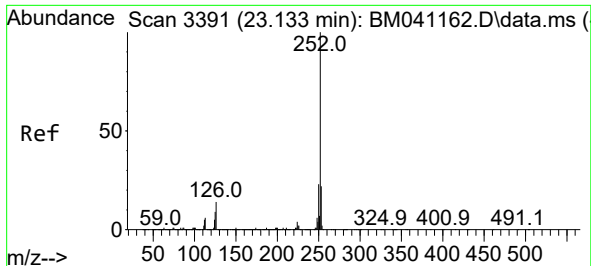
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.4 8.2 12.4

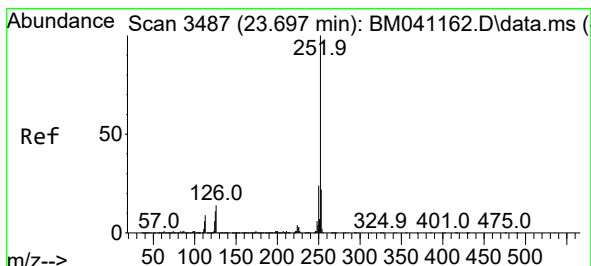
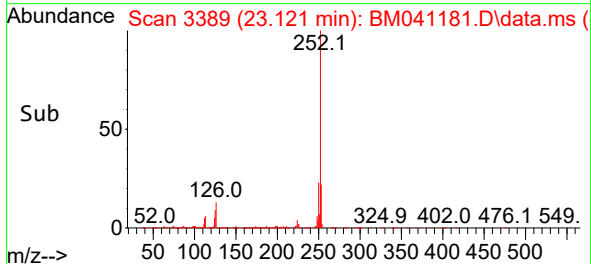
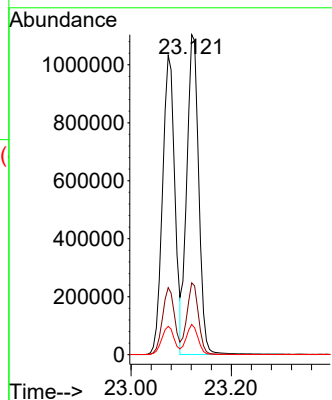
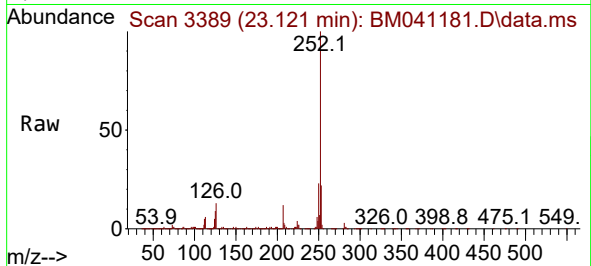




#89
Benzo(k)fluoranthene
Concen: 40.986 ng
RT: 23.121 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

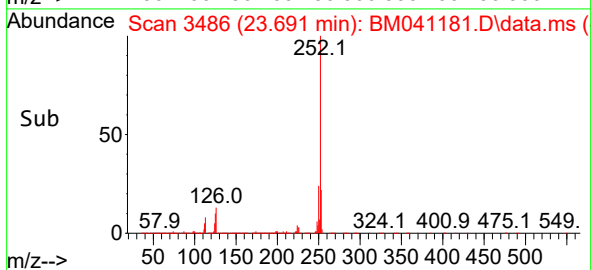
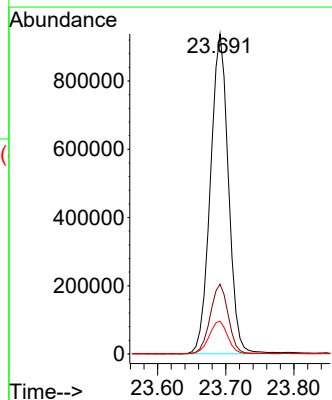
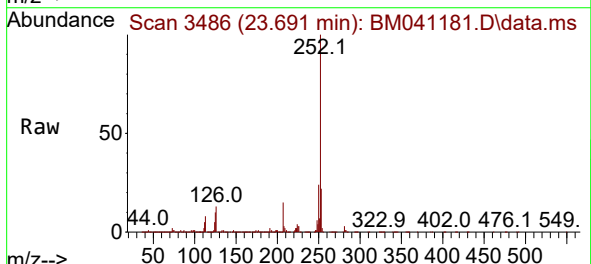
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

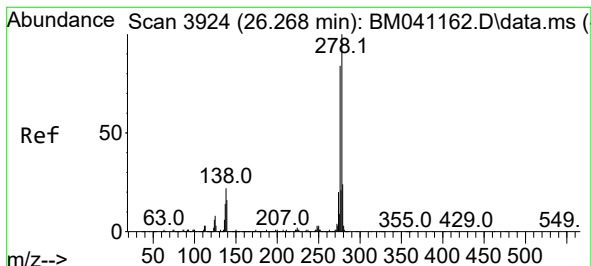
Tgt Ion:252 Resp: 1823848
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 9.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.227 ng
RT: 23.691 min Scan# 3486
Delta R.T. 0.000 min
Lab File: BM041181.D
Acq: 31 Jul 2023 10:00

Tgt Ion:252 Resp: 1723258
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.366 ng

RT: 26.256 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

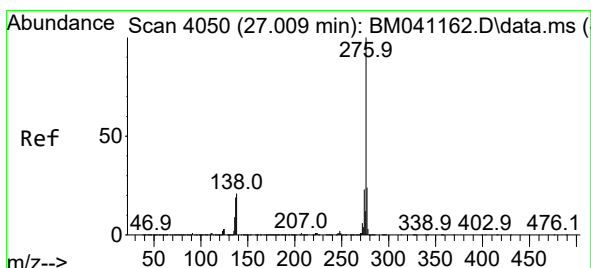
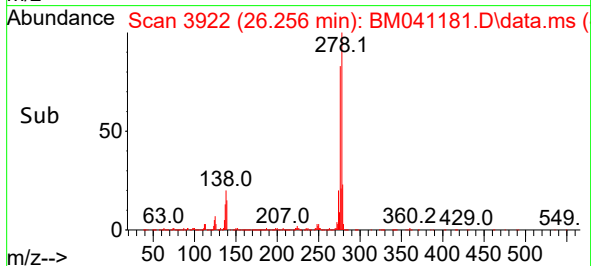
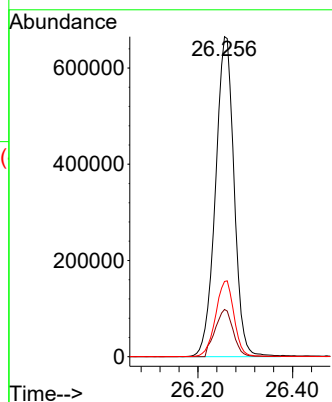
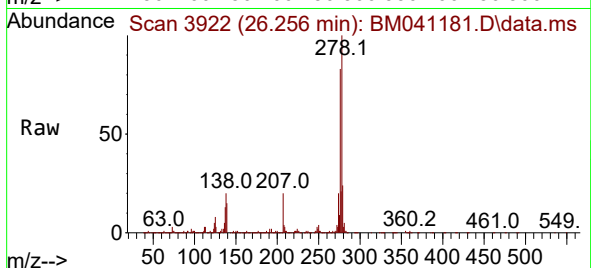
Tgt Ion:278 Resp: 1812687

Ion Ratio Lower Upper

278 100

139 14.8 12.7 19.1

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 39.317 ng

RT: 26.997 min Scan# 4048

Delta R.T. 0.000 min

Lab File: BM041181.D

Acq: 31 Jul 2023 10:00

Tgt Ion:276 Resp: 1727569

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.6 17.1 25.7

