

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039027.D
 Acq On : 16 Mar 2023 22:00
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 17 05:54:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	394146	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1702989	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	1039323	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2127996	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1650790	20.000	ng	0.00
86) Perylene-d12	23.980	264	1494746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2015895	77.705	ng	0.00
7) Phenol-d6	7.134	99	2812591	83.467	ng	0.00
23) Nitrobenzene-d5	9.145	82	2823959	81.454	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	977992	81.341	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5905435	73.968	ng	0.00
79) Terphenyl-d14	19.980	244	7857830	87.029	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	426419	36.947	ng	98
3) Pyridine	3.804	79	1291552	40.350	ng	98
4) n-Nitrosodimethylamine	3.710	42	544557	41.808	ng	97
6) Aniline	7.304	93	1919633	43.387	ng	99
8) 2-Chlorophenol	7.539	128	1123892	40.692	ng	99
9) Benzaldehyde	7.110	77	626650	39.080	ng	99
10) Phenol	7.163	94	1499031	41.891	ng	99
11) bis(2-Chloroethyl)ether	7.398	93	1218802	41.892	ng	99
12) 1,3-Dichlorobenzene	7.863	146	1139032	38.806	ng	99
13) 1,4-Dichlorobenzene	8.010	146	1162787	38.952	ng	99
14) 1,2-Dichlorobenzene	8.333	146	1130667	39.321	ng	99
15) Benzyl Alcohol	8.222	79	1106029	45.793	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1661904	45.230	ng	99
17) 2-Methylphenol	8.422	107	1069361	43.502	ng	99
18) Hexachloroethane	9.063	117	441628	40.097	ng	98
19) n-Nitroso-di-n-propyla...	8.792	70	1049148	49.431	ng	98
20) 3+4-Methylphenols	8.751	107	1457814	44.415	ng	99
22) Acetophenone	8.804	105	1887369	39.502	ng	# 98
24) Nitrobenzene	9.186	77	1480940	40.641	ng	98
25) Isophorone	9.716	82	2831925	44.388	ng	98
26) 2-Nitrophenol	9.898	139	625304	39.432	ng	98
27) 2,4-Dimethylphenol	9.957	122	1120146	40.295	ng	98
28) bis(2-Chloroethoxy)met...	10.198	93	1688394	41.188	ng	100
29) 2,4-Dichlorophenol	10.433	162	1062172	40.302	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	1063112	36.913	ng	99
31) Naphthalene	10.839	128	3766896	38.791	ng	99
32) Benzoic acid	10.104	122	891053	44.203	ng	98
33) 4-Chloroaniline	10.951	127	1746637	42.205	ng	99
34) Hexachlorobutadiene	11.127	225	594079	35.970	ng	98
35) Caprolactam	11.751	113	386446	48.177	ng	93
36) 4-Chloro-3-methylphenol	12.069	107	1252193	44.619	ng	97
37) 2-Methylnaphthalene	12.445	142	2657346	40.828	ng	100
38) 1-Methylnaphthalene	12.668	142	2516086	41.251	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	1190187	35.225	ng	99
41) Hexachlorocyclopentadiene	12.792	237	686590	37.020	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	852018	38.941	ng	99

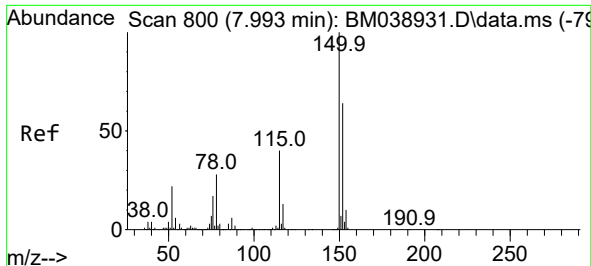
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.121	196	1003835	39.197	ng	99
46) 1,1'-Biphenyl	13.457	154	3304087	37.526	ng	100
47) 2-Chloronaphthalene	13.498	162	2467211	37.160	ng	100
48) 2-Nitroaniline	13.698	65	908114	42.963	ng	98
49) Acenaphthylene	14.339	152	4177830	39.504	ng	99
50) Dimethylphthalate	14.080	163	3279703	41.009	ng	100
51) 2,6-Dinitrotoluene	14.192	165	708917	40.326	ng	94
52) Acenaphthene	14.680	154	2514781	38.692	ng	99
53) 3-Nitroaniline	14.521	138	841904	40.960	ng	99
54) 2,4-Dinitrophenol	14.721	184	390694	41.129	ng	97
55) Dibenzofuran	15.015	168	3942056	38.759	ng	99
56) 4-Nitrophenol	14.821	139	682119	42.946	ng	97
57) 2,4-Dinitrotoluene	14.980	165	956469	41.390	ng	97
58) Fluorene	15.662	166	3218335	40.396	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	805809	40.799	ng	99
60) Diethylphthalate	15.439	149	3382853	43.472	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	1557146	39.784	ng	99
62) 4-Nitroaniline	15.686	138	877703	41.935	ng	98
63) Azobenzene	15.951	77	3655841	44.400	ng	99
65) 4,6-Dinitro-2-methylph...	15.739	198	540375	39.633	ng	99
66) n-Nitrosodiphenylamine	15.874	169	2780958	38.765	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	889188	38.686	ng	97
68) Hexachlorobenzene	16.662	284	957386	37.260	ng	97
69) Atrazine	16.821	200	848573	43.305	ng	99
70) Pentachlorophenol	17.009	266	737109	39.004	ng	99
71) Phenanthrene	17.403	178	4810250	38.515	ng	99
72) Anthracene	17.498	178	4888091	39.246	ng	99
73) Carbazole	17.762	167	4528251	39.836	ng	99
74) Di-n-butylphthalate	18.327	149	5768624	41.847	ng	100
75) Fluoranthene	19.415	202	5170868	39.212	ng	98
77) Benzidine	19.597	184	1653571	44.357	ng	100
78) Pyrene	19.780	202	5386020	43.440	ng	99
80) Butylbenzylphthalate	20.674	149	2380389	45.348	ng	95
81) Benzo(a)anthracene	21.527	228	4703329	39.563	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1525878	41.763	ng	99
83) Chrysene	21.580	228	4514854	39.048	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	3484479	45.831	ng	99
85) Di-n-octyl phthalate	22.391	149	5416712	43.230	ng	98
87) Indeno(1,2,3-cd)pyrene	26.526	276	4178371	36.736	ng	98
88) Benzo(b)fluoranthene	23.238	252	3995816	41.844	ng	100
89) Benzo(k)fluoranthene	23.285	252	4009586	40.346	ng	99
90) Benzo(a)pyrene	23.874	252	3713837	40.409	ng	100
91) Dibenzo(a,h)anthracene	26.538	278	3551929	36.875	ng	98
92) Benzo(g,h,i)perylene	27.303	276	3338908	35.430	ng	97

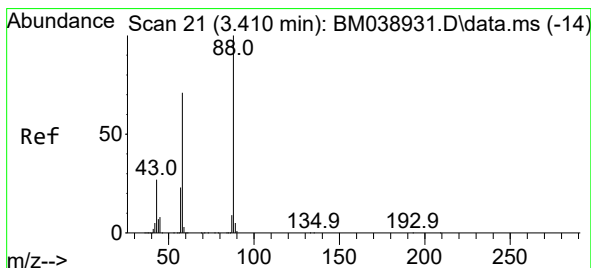
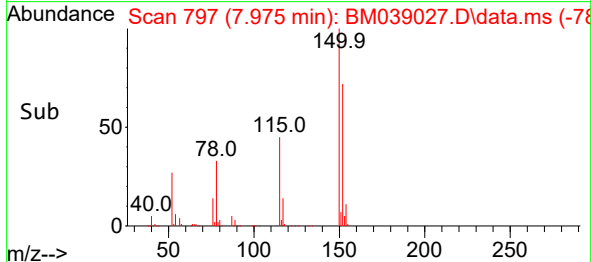
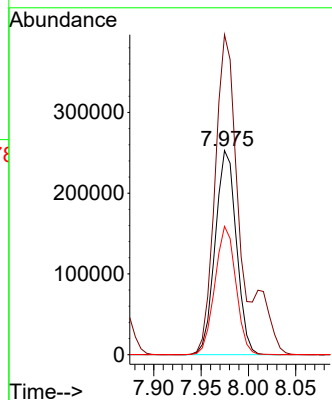
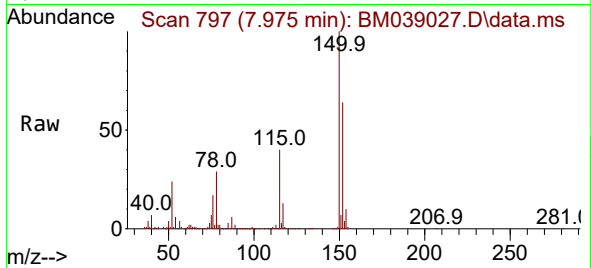
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

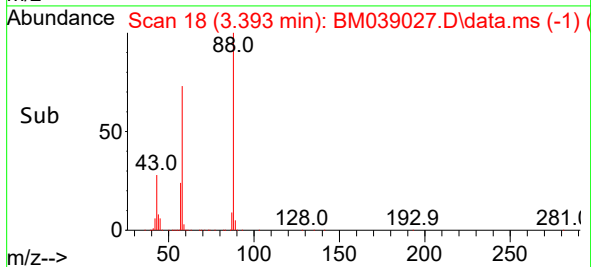
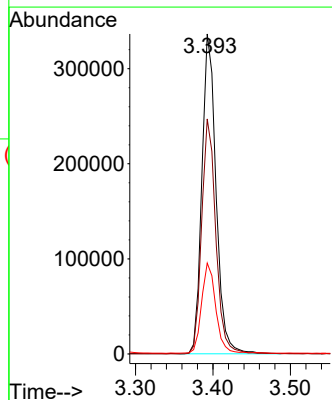
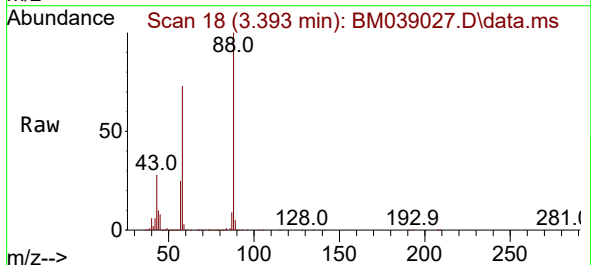
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

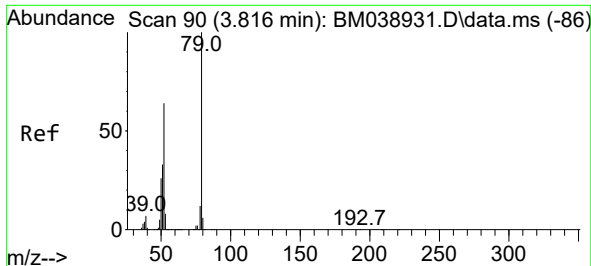
Tgt Ion:152 Resp: 394146
Ion Ratio Lower Upper
152 100
150 156.7 125.1 187.7
115 62.9 49.6 74.4



#2
1,4-Dioxane
Concen: 36.947 ng
RT: 3.393 min Scan# 18
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion: 88 Resp: 426419
Ion Ratio Lower Upper
88 100
58 73.7 57.2 85.8
43 28.2 22.0 33.0

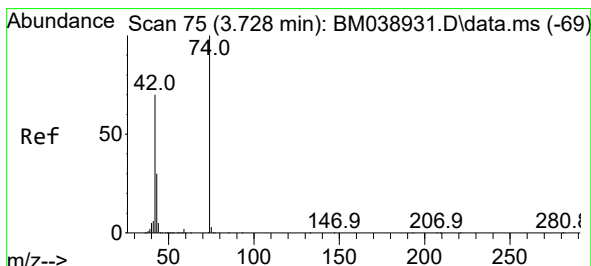
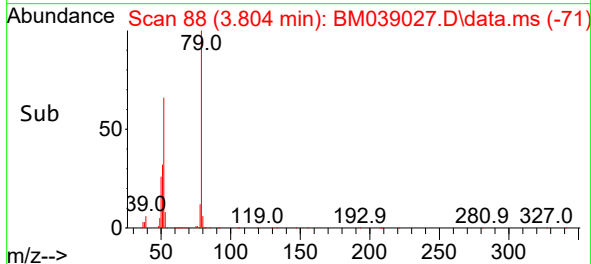
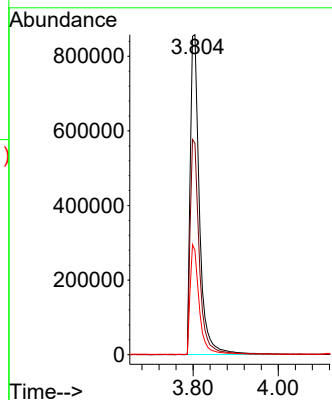
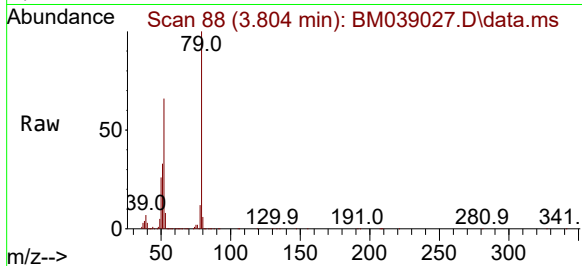




#3
 Pyridine
 Concen: 40.350 ng
 RT: 3.804 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM039027.D
 Acq: 16 Mar 2023 22:00

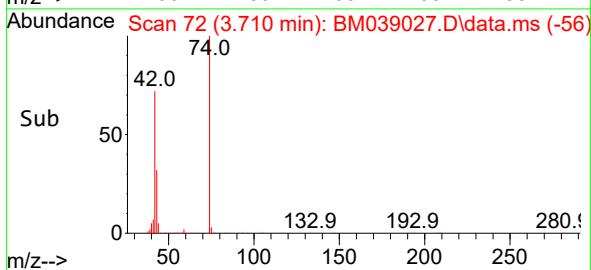
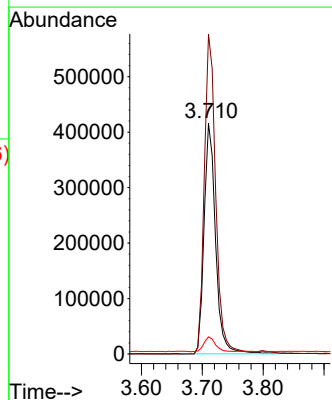
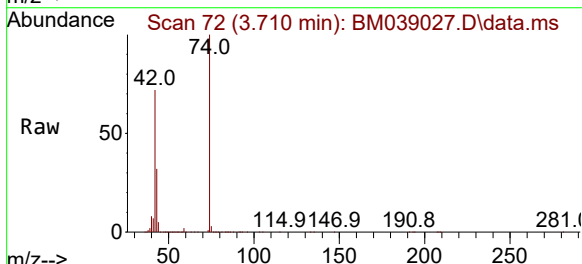
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 ClientSampleId :
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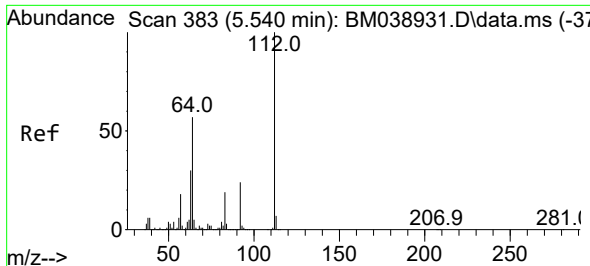
Tgt Ion: 79 Resp: 1291552
 Ion Ratio Lower Upper
 79 100
 52 66.1 51.4 77.2
 51 32.6 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 41.808 ng
 RT: 3.710 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM039027.D
 Acq: 16 Mar 2023 22:00

Tgt Ion: 42 Resp: 544557
 Ion Ratio Lower Upper
 42 100
 74 138.8 113.8 170.8
 44 7.4 6.2 9.2





#5

2-Fluorophenol

Concen: 77.705 ng

RT: 5.528 min Scan# 381

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

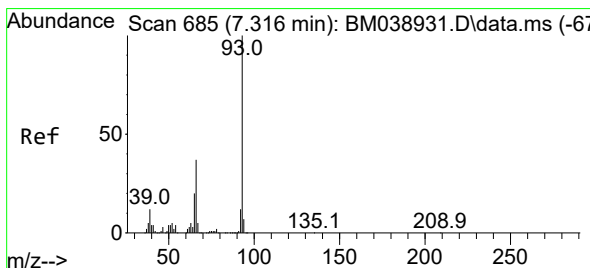
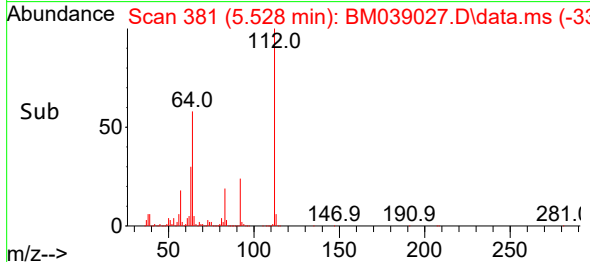
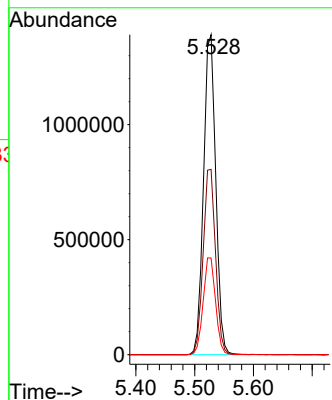
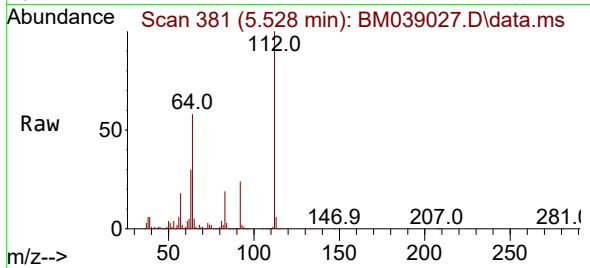
Tgt Ion:112 Resp: 2015895

Ion Ratio Lower Upper

112 100

64 57.9 45.9 68.9

63 30.2 23.8 35.8



#6

Aniline

Concen: 43.387 ng

RT: 7.304 min Scan# 683

Delta R.T. 0.006 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

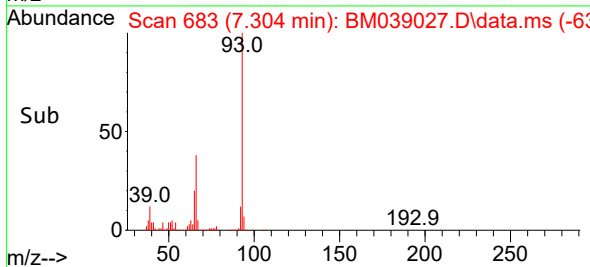
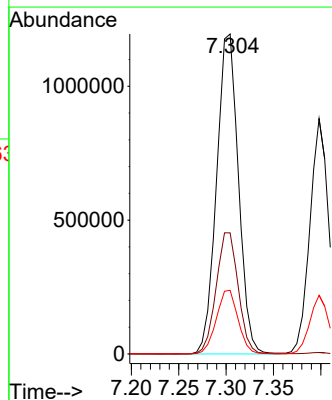
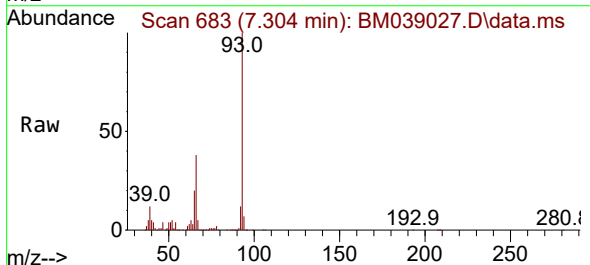
Tgt Ion: 93 Resp: 1919633

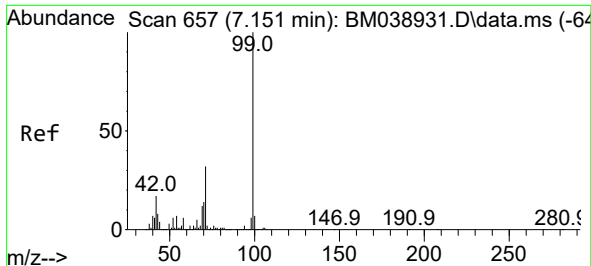
Ion Ratio Lower Upper

93 100

66 37.9 30.0 45.0

65 19.9 15.8 23.6

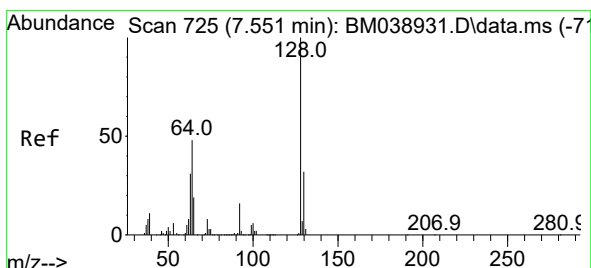
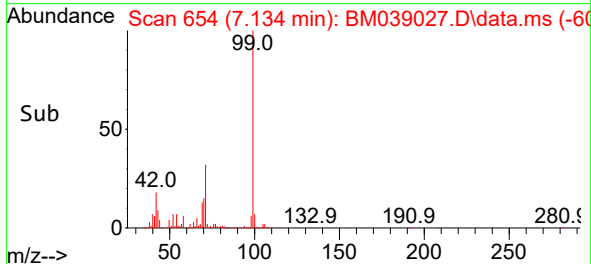
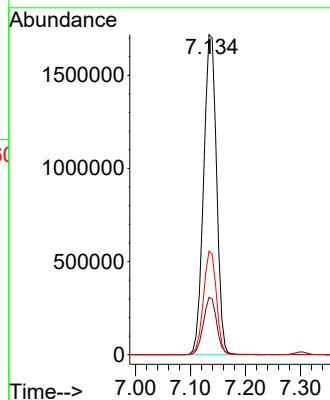
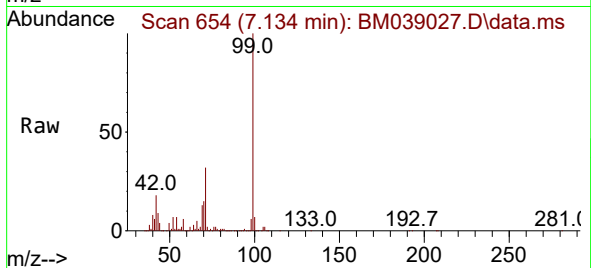




#7
Phenol-d6
Concen: 83.467 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

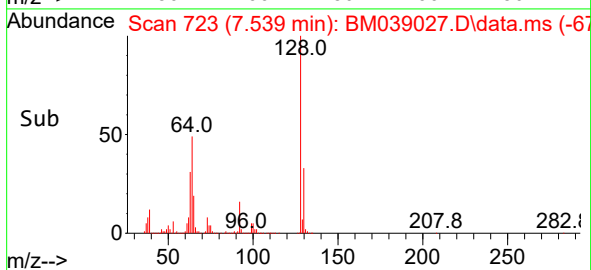
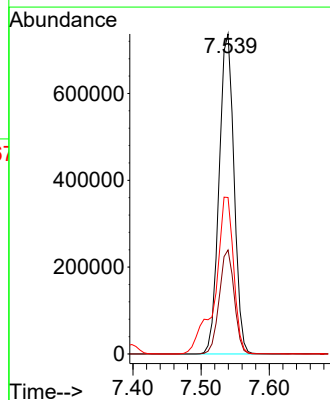
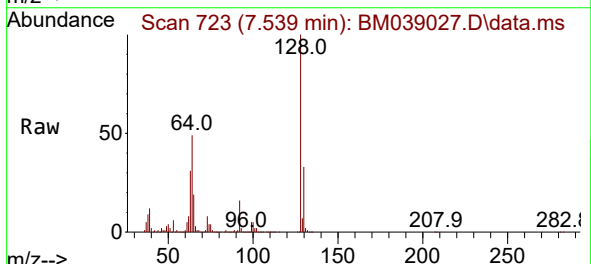
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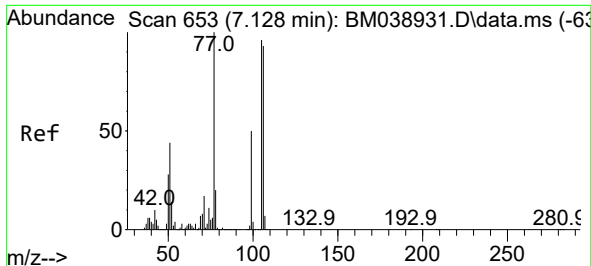
Tgt Ion: 99 Resp: 2812591
Ion Ratio Lower Upper
99 100
42 17.9 13.5 20.3
71 32.4 25.6 38.4



#8
2-Chlorophenol
Concen: 40.692 ng
RT: 7.539 min Scan# 723
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:128 Resp: 1123892
Ion Ratio Lower Upper
128 100
130 32.5 11.9 51.9
64 48.9 28.6 68.6

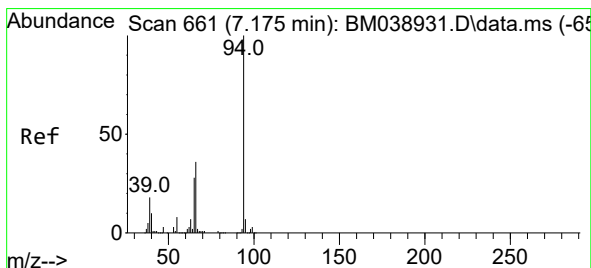
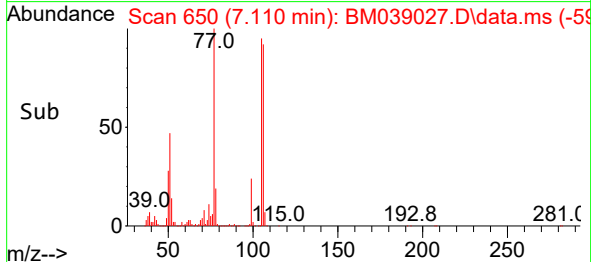
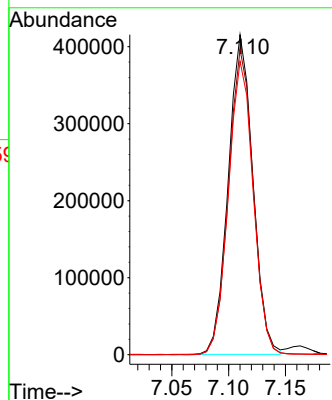
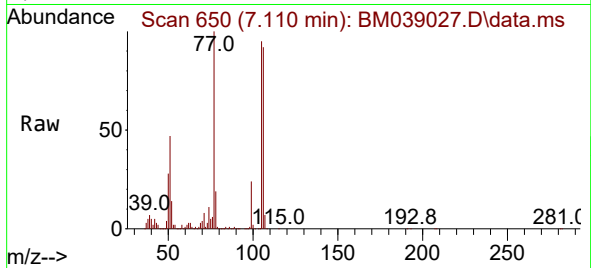




#9
Benzaldehyde
Concen: 39.080 ng
RT: 7.110 min Scan# 610
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

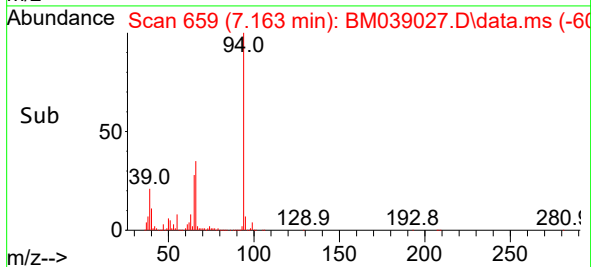
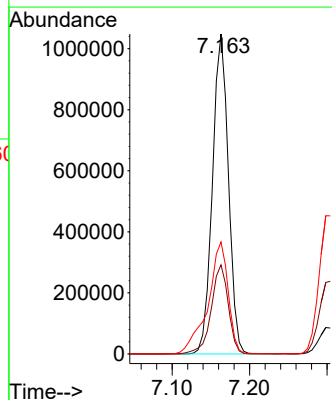
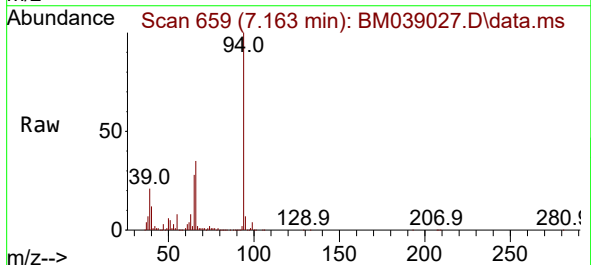
Instrument :
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ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 626650
Ion Ratio Lower Upper
77 100
105 95.4 75.8 115.8
106 91.7 72.6 112.6



#10
Phenol
Concen: 41.891 ng
RT: 7.163 min Scan# 659
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion: 94 Resp: 1499031
Ion Ratio Lower Upper
94 100
65 27.9 7.9 47.9
66 35.0 15.8 55.8



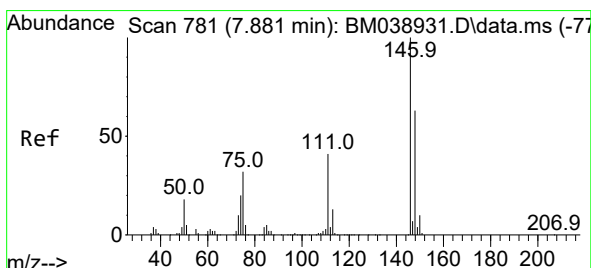
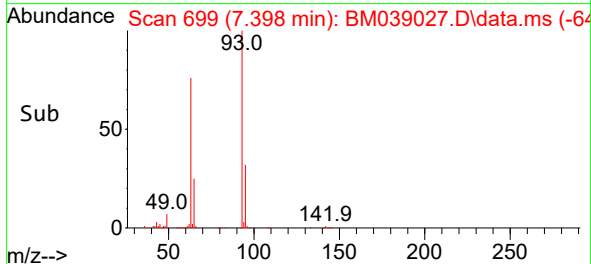
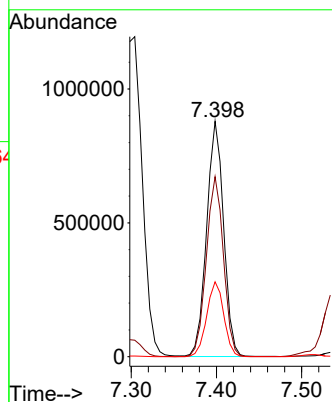
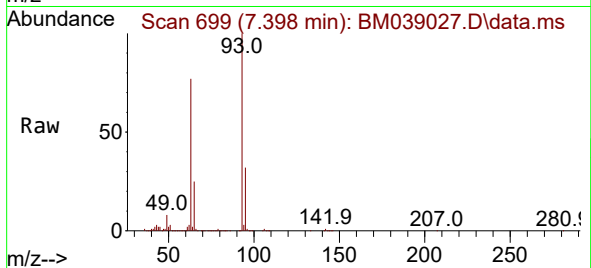


#11
bis(2-Chloroethyl)ether
Concen: 41.892 ng
RT: 7.398 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 1218802

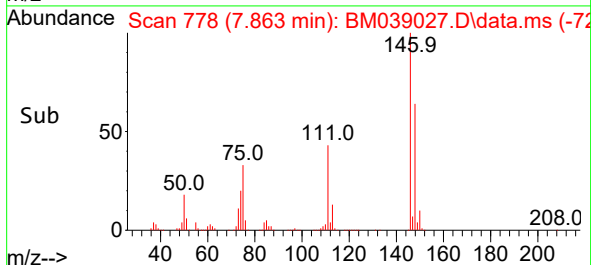
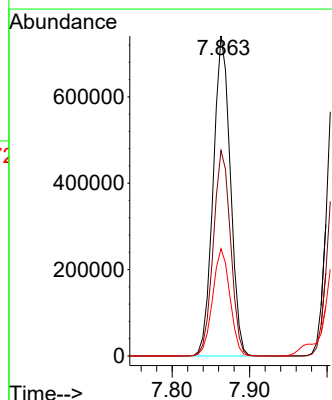
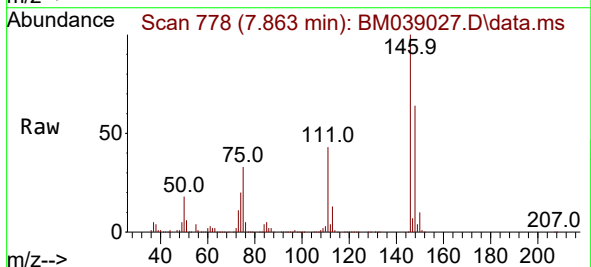
Ion	Ratio	Lower	Upper
93	100		
63	76.5	55.8	95.8
95	31.8	12.2	52.2

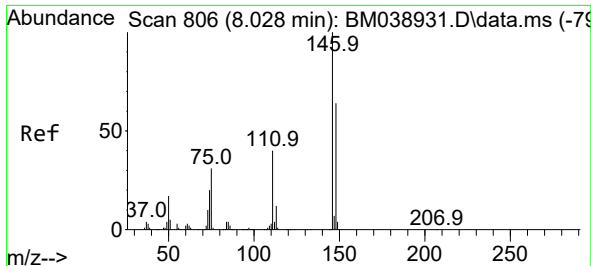


#12
1,3-Dichlorobenzene
Concen: 38.806 ng
RT: 7.863 min Scan# 778
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:146 Resp: 1139032

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
75	33.5	26.0	39.0

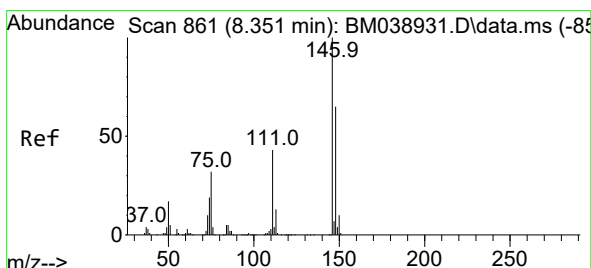
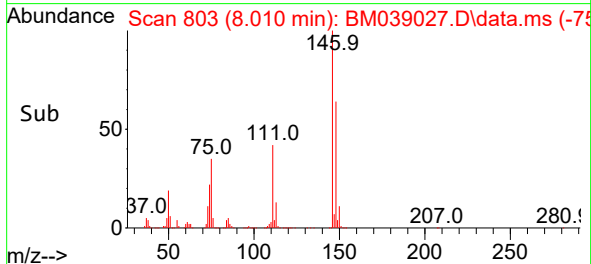
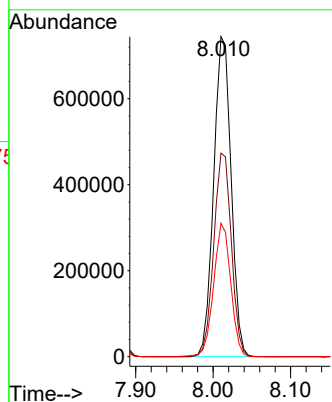
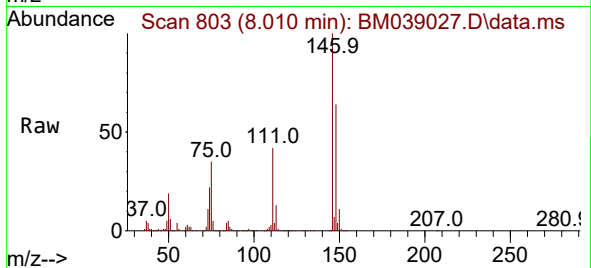




#13
1,4-Dichlorobenzene
Concen: 38.952 ng
RT: 8.010 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

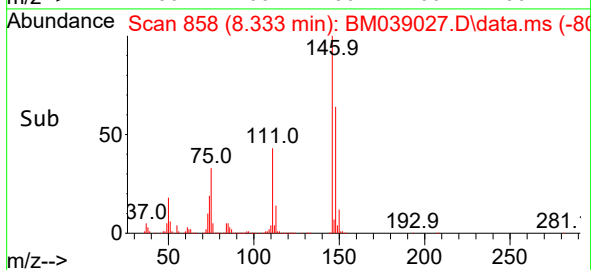
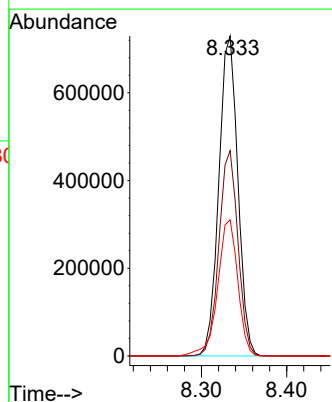
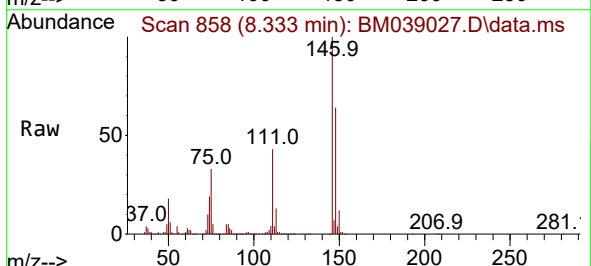
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

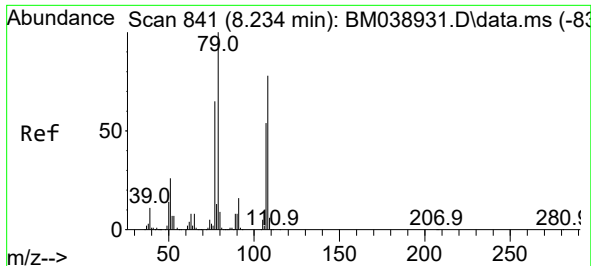
Tgt Ion:146 Resp: 1162787
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
111 41.6 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 39.321 ng
RT: 8.333 min Scan# 858
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:146 Resp: 1130667
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
111 42.5 34.2 51.4

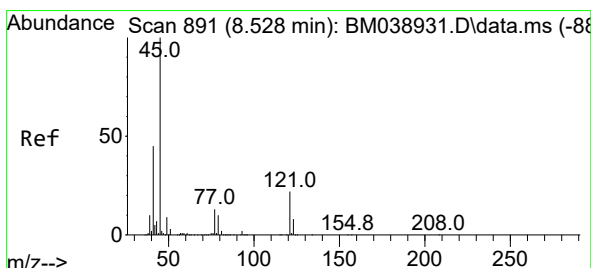
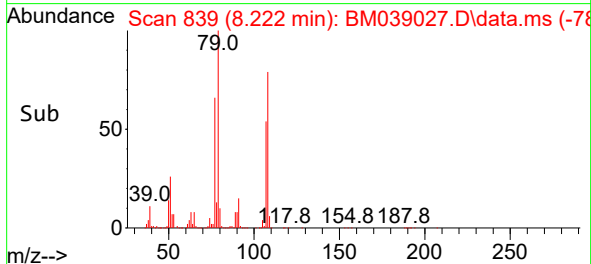
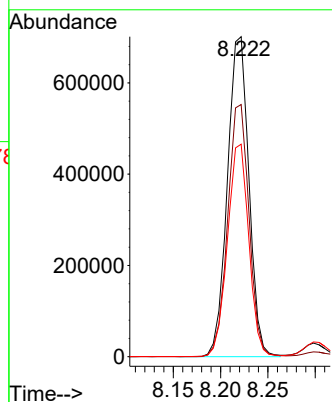
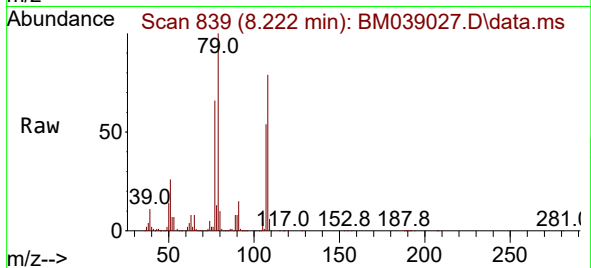




#15
Benzyl Alcohol
Concen: 45.793 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

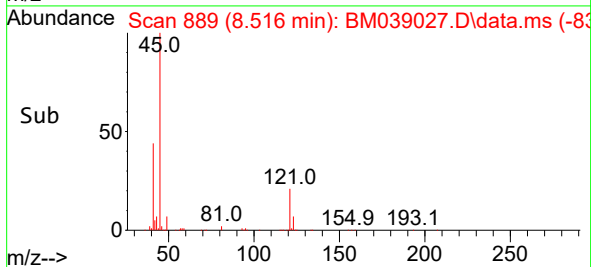
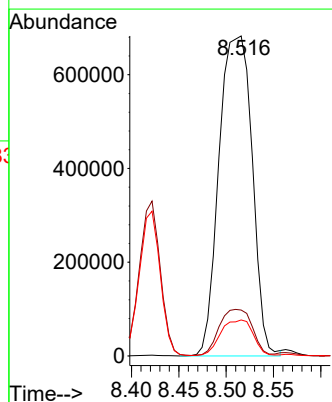
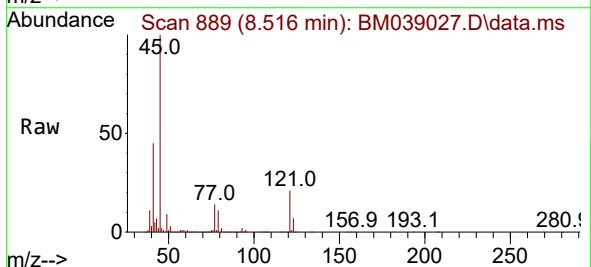
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

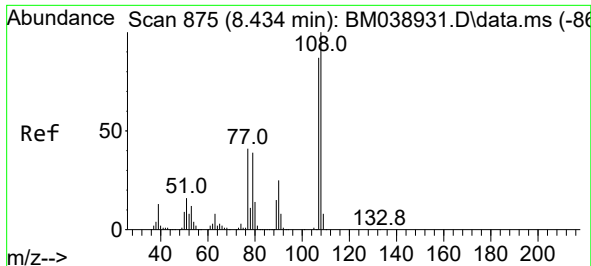
Tgt Ion: 79 Resp: 1106029
Ion Ratio Lower Upper
79 100
108 78.8 62.4 93.6
77 66.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.230 ng
RT: 8.516 min Scan# 889
Delta R.T. 0.006 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion: 45 Resp: 1661904
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.8
79 11.2 0.0 31.5

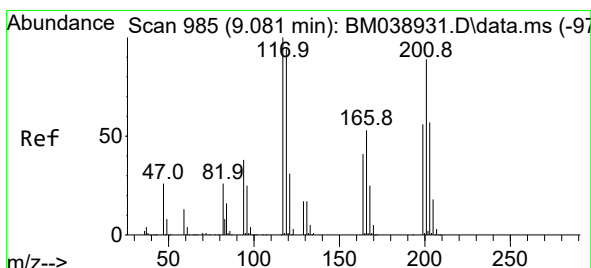
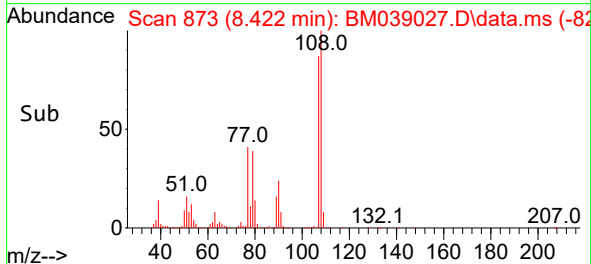
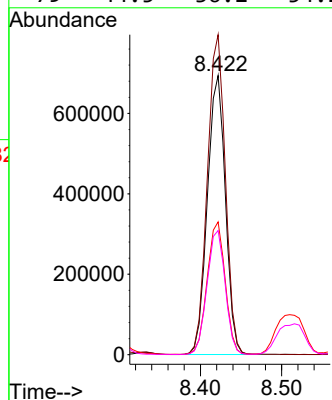
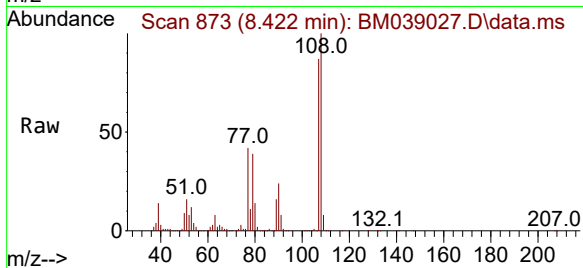




#17
2-Methylphenol
Concen: 43.502 ng
RT: 8.422 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

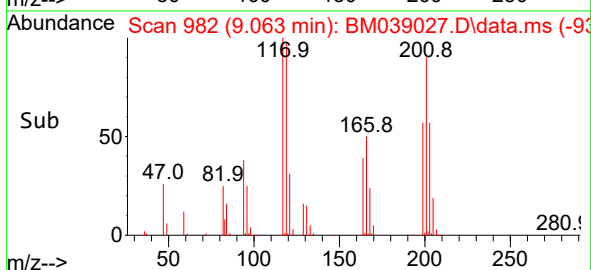
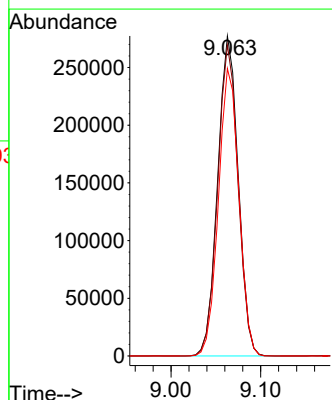
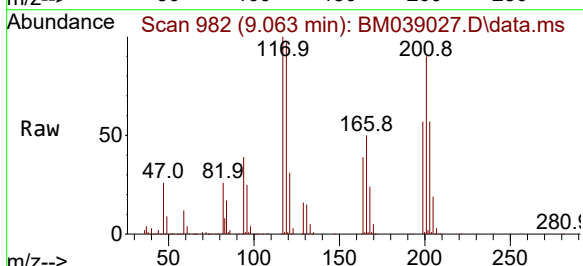
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

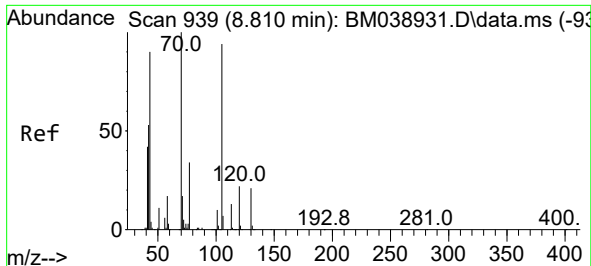
Tgt Ion:107 Resp: 1069361
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 47.6 37.4 56.2
79 44.5 36.2 54.2



#18
Hexachloroethane
Concen: 40.097 ng
RT: 9.063 min Scan# 982
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:117 Resp: 441628
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
201 89.8 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 49.431 ng

RT: 8.792 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 1049148

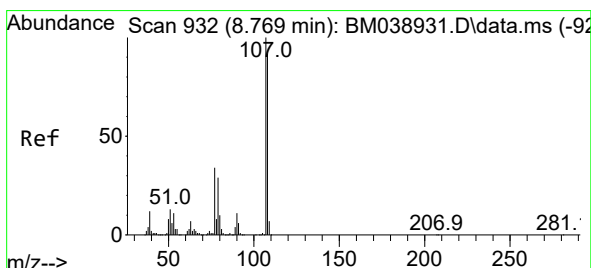
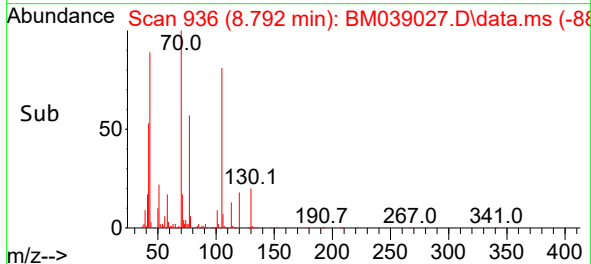
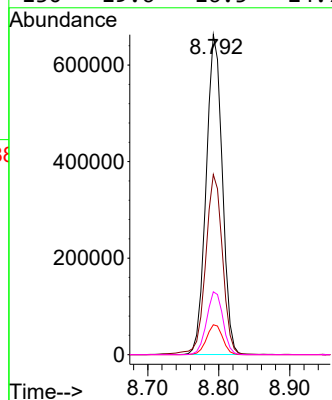
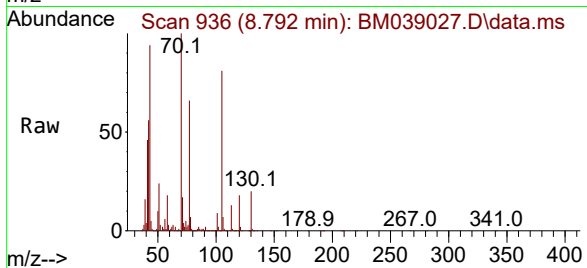
Ion Ratio Lower Upper

70 100

42 56.3 43.4 65.2

101 9.3 7.6 11.4

130 19.6 16.5 24.7



#20

3+4-Methylphenols

Concen: 44.415 ng

RT: 8.751 min Scan# 929

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Tgt Ion: 107 Resp: 1457814

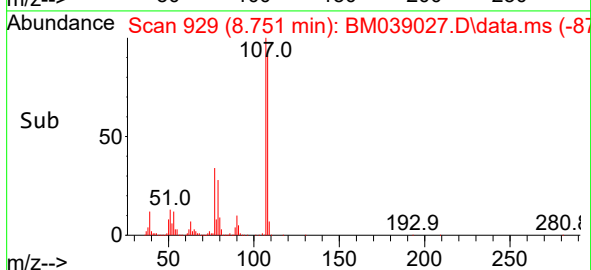
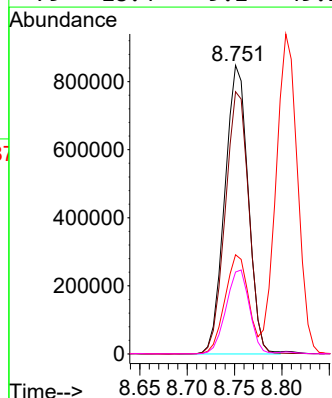
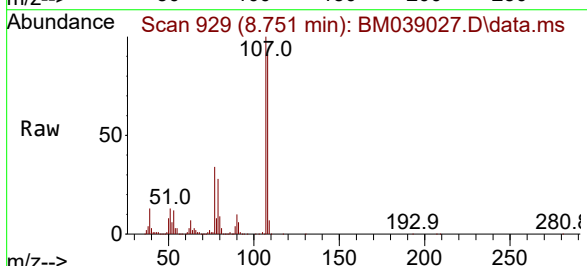
Ion Ratio Lower Upper

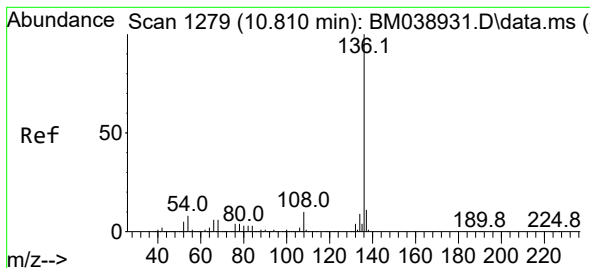
107 100

108 90.9 71.8 111.8

77 34.4 13.6 53.6

79 28.4 9.2 49.2

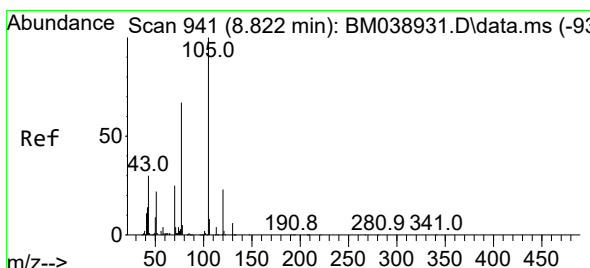
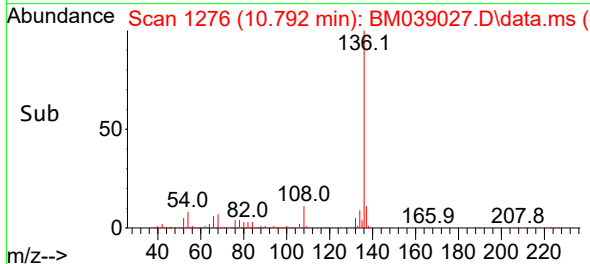
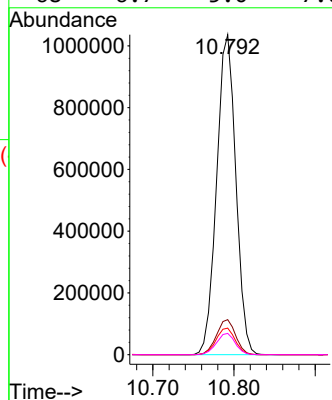
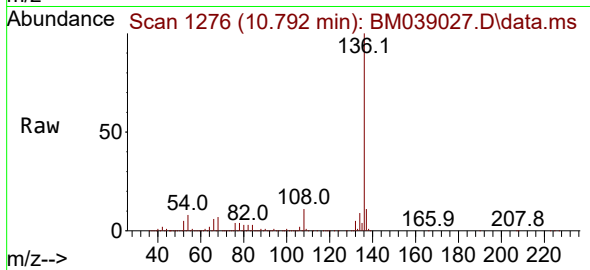




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

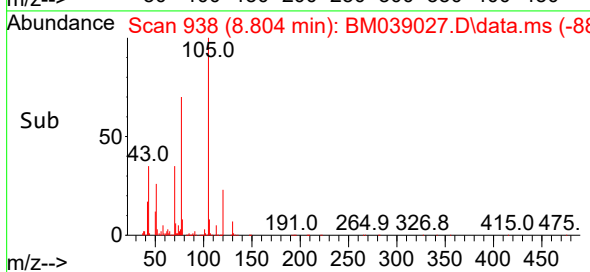
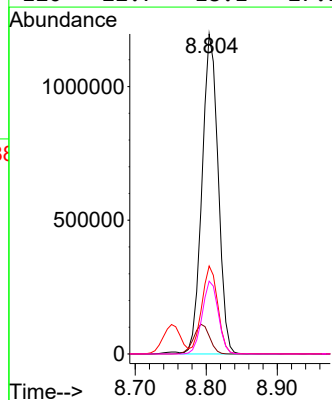
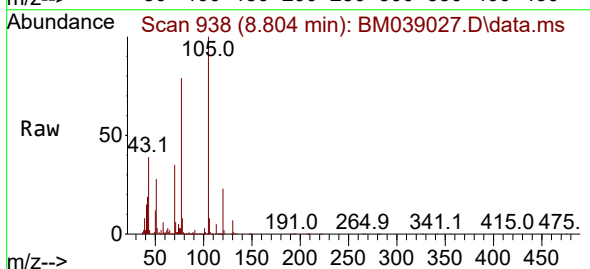
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

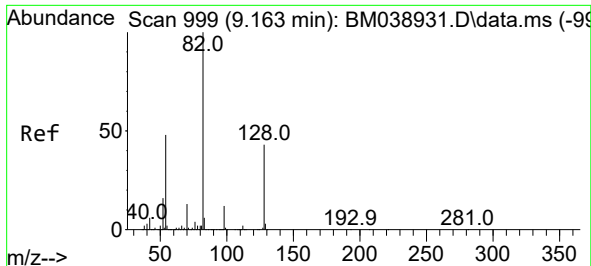
Tgt Ion:136 Resp: 1702989
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.3 6.3 9.5
68 6.7 5.0 7.6



#22
Acetophenone
Concen: 39.502 ng
RT: 8.804 min Scan# 938
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:105 Resp: 1887369
Ion Ratio Lower Upper
105 100
71 5.6 3.4 5.0#
51 27.5 21.0 31.4
120 22.7 18.1 27.1

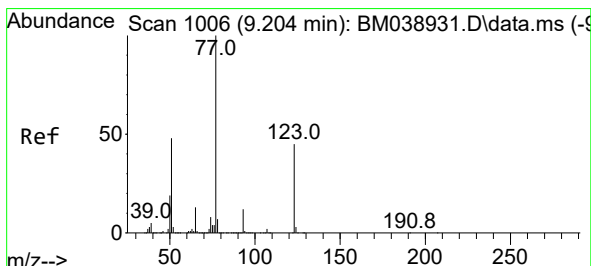
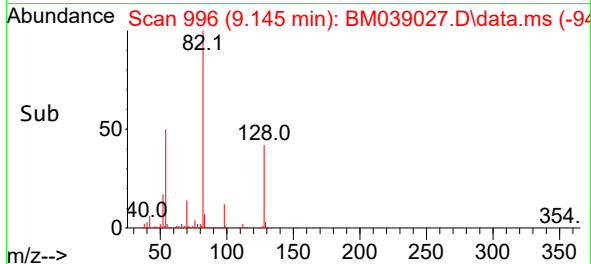
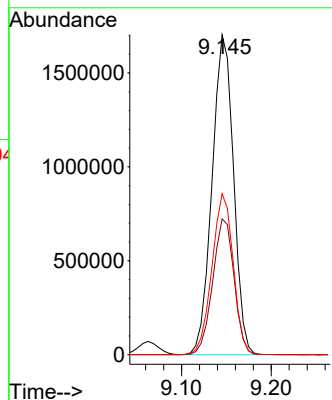
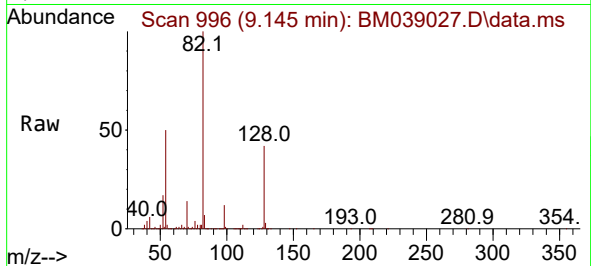




#23
Nitrobenzene-d5
Concen: 81.454 ng
RT: 9.145 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

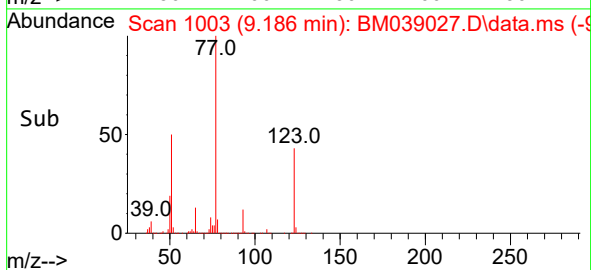
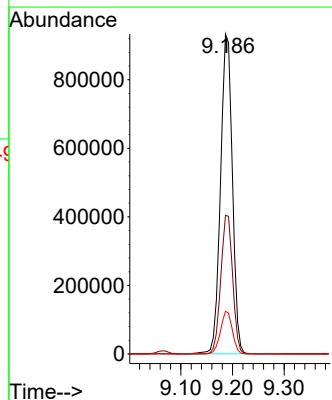
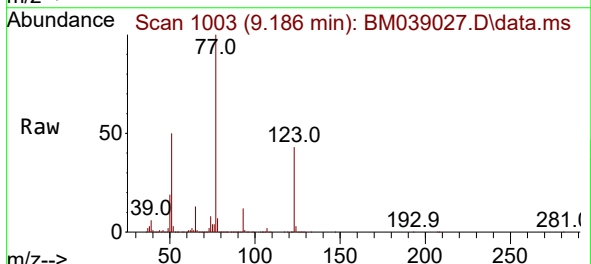
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

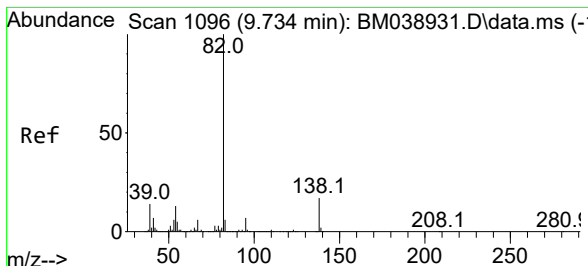
Tgt Ion: 82 Resp: 2823959
Ion Ratio Lower Upper
82 100
128 42.5 34.4 51.6
54 50.3 38.8 58.2



#24
Nitrobenzene
Concen: 40.641 ng
RT: 9.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion: 77 Resp: 1480940
Ion Ratio Lower Upper
77 100
123 43.4 35.8 53.6
65 13.3 10.2 15.4





#25

Isophorone

Concen: 44.388 ng

RT: 9.716 min Scan# 1096

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

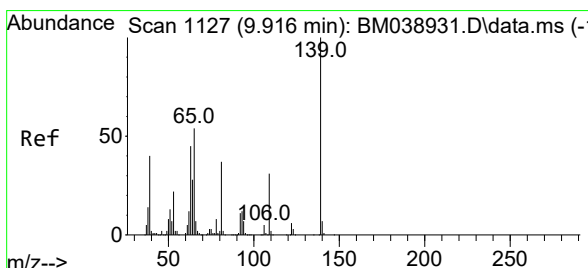
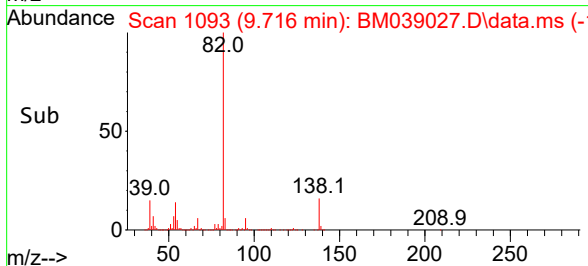
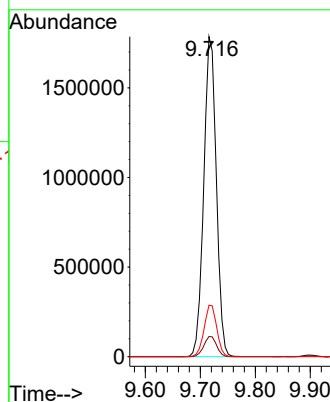
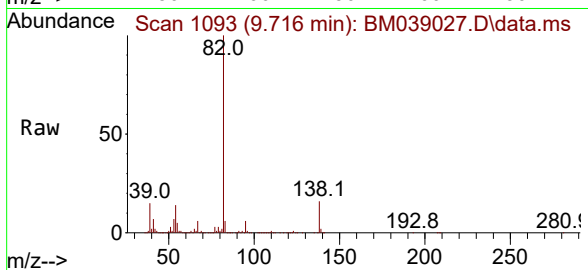
Tgt Ion: 82 Resp: 2831925

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 16.1 13.6 20.4



#26

2-Nitrophenol

Concen: 39.432 ng

RT: 9.898 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

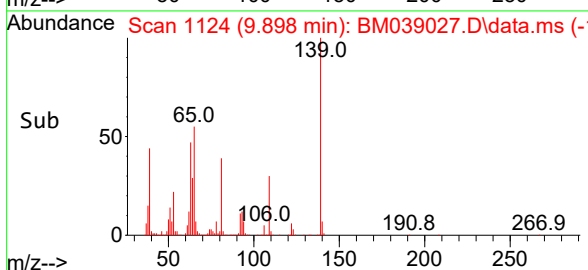
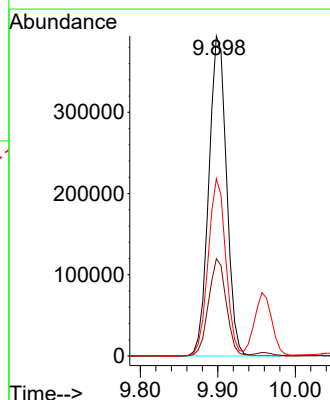
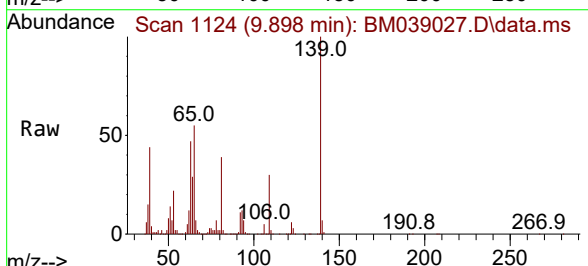
Tgt Ion: 139 Resp: 625304

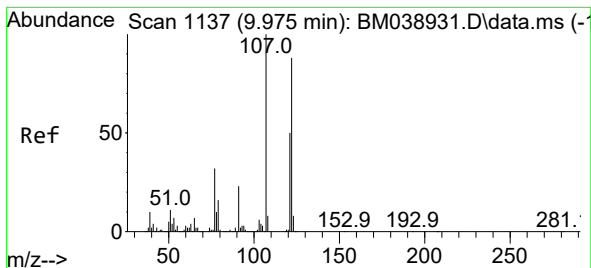
Ion Ratio Lower Upper

139 100

109 30.4 24.5 36.7

65 55.4 43.0 64.6

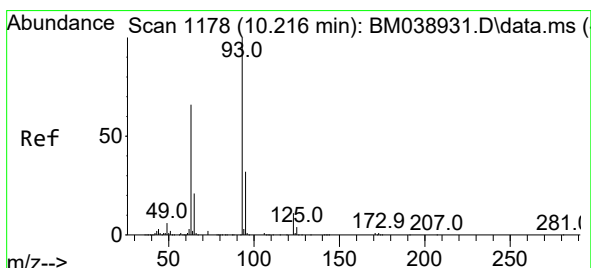
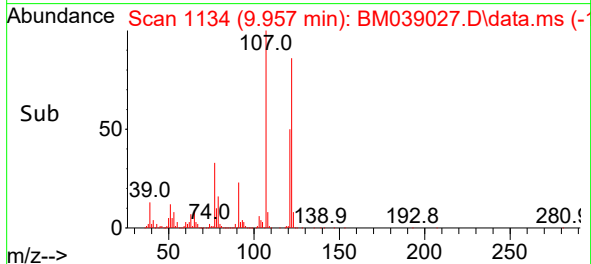
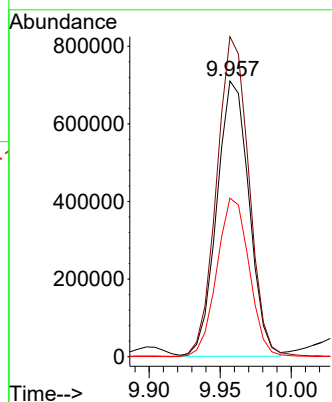
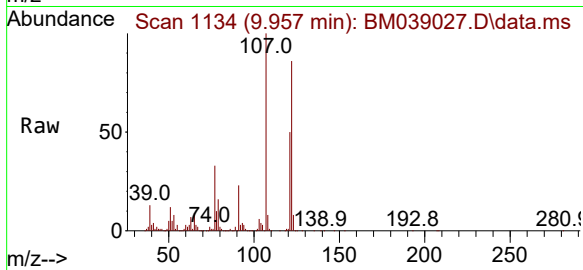




#27
2,4-Dimethylphenol
Concen: 40.295 ng
RT: 9.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

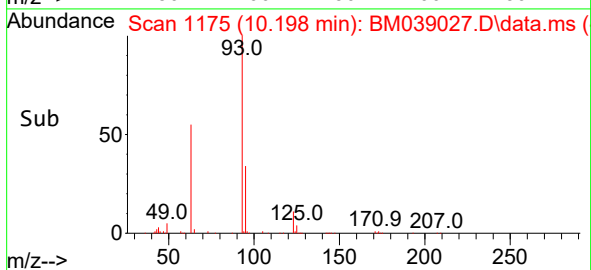
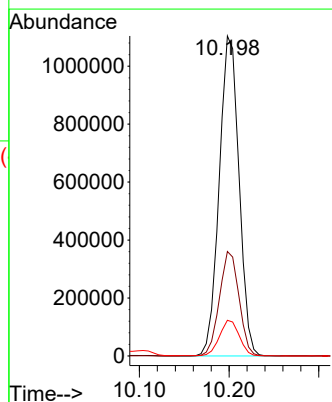
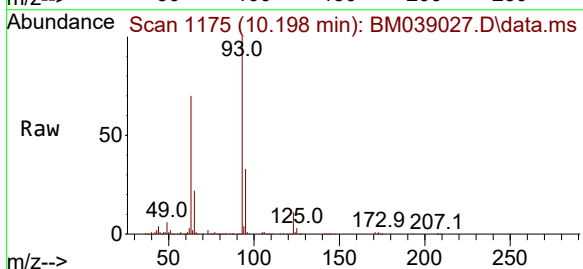
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

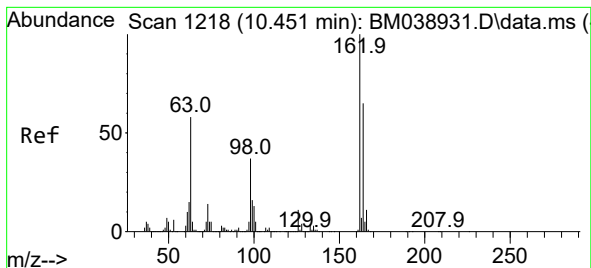
Tgt Ion:122 Resp: 1120146
Ion Ratio Lower Upper
122 100
107 116.1 91.0 136.4
121 57.5 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.188 ng
RT: 10.198 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion: 93 Resp: 1688394
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 40.302 ng

RT: 10.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

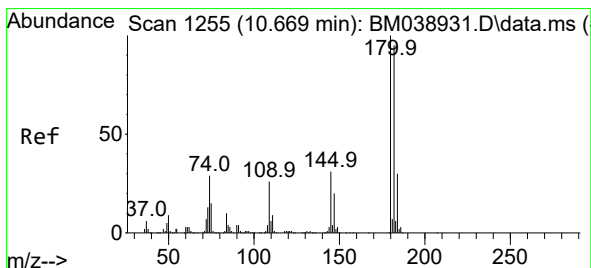
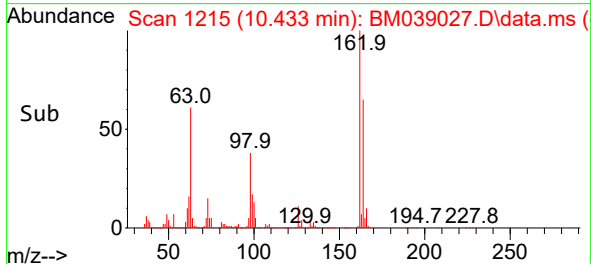
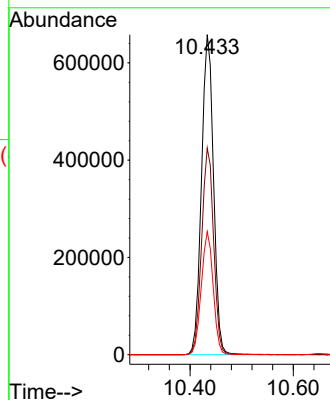
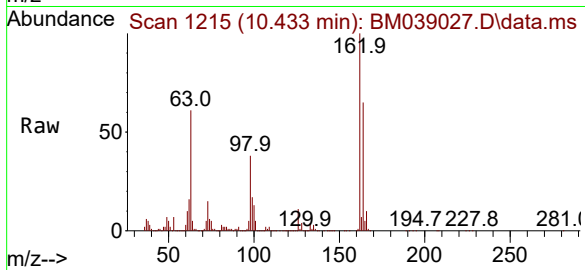
Tgt Ion:162 Resp: 1062172

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 38.4 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 36.913 ng

RT: 10.651 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

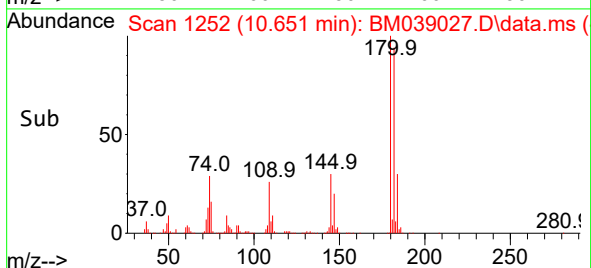
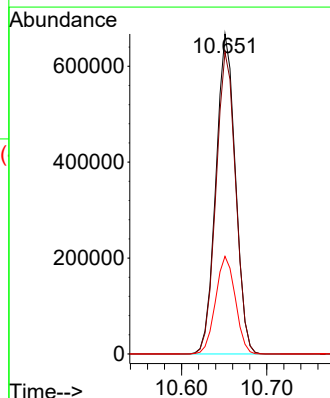
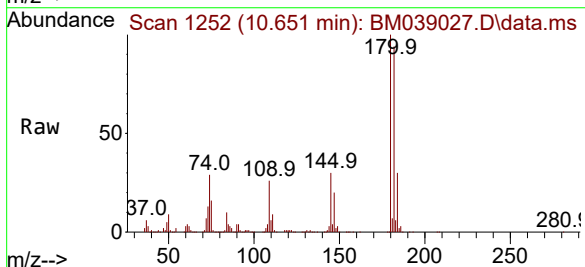
Tgt Ion:180 Resp: 1063112

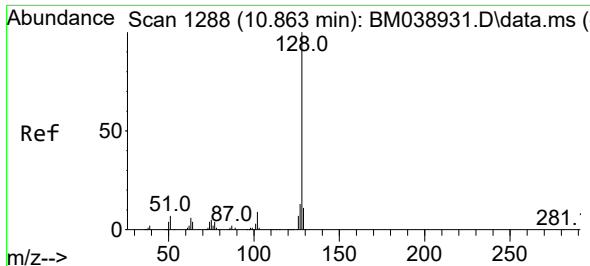
Ion Ratio Lower Upper

180 100

182 94.3 76.3 114.5

145 30.5 25.0 37.4

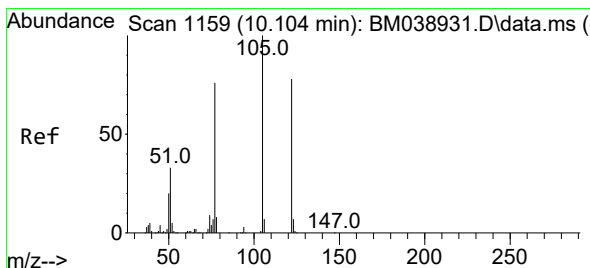
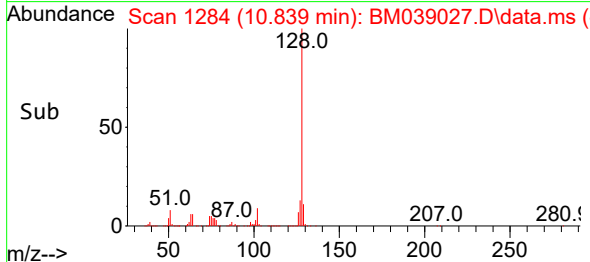
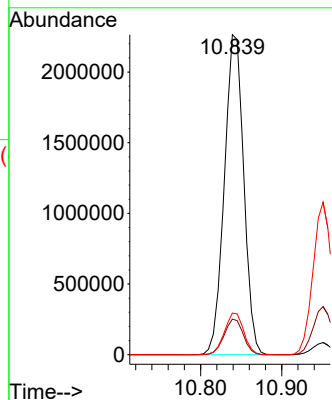
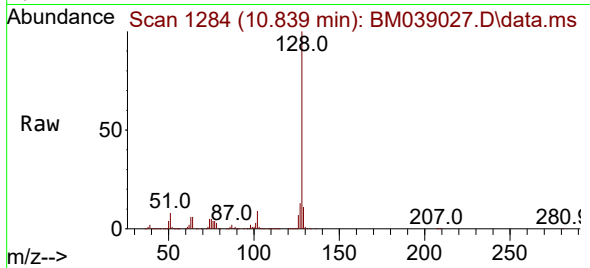




#31
Naphthalene
Concen: 38.791 ng
RT: 10.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

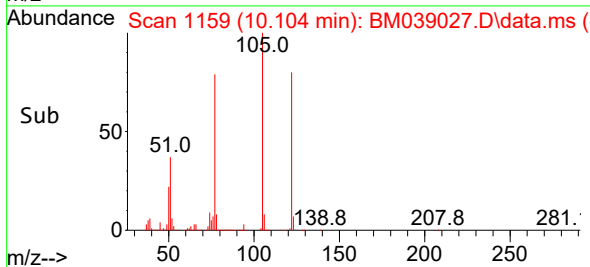
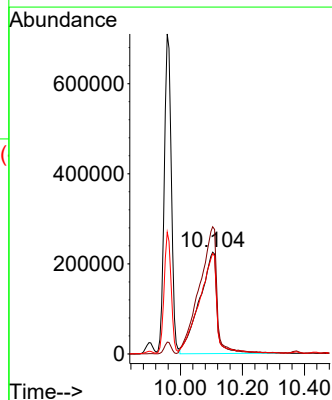
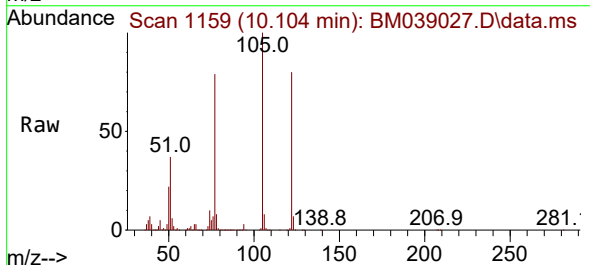
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

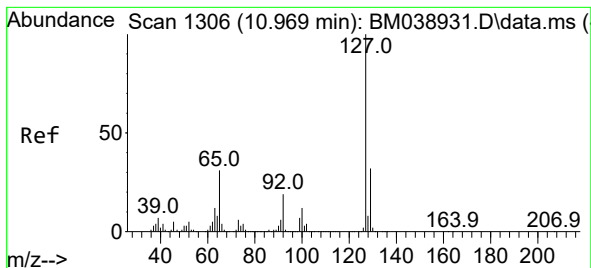
Tgt Ion:128 Resp: 3766896
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 44.203 ng
RT: 10.104 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:122 Resp: 891053
Ion Ratio Lower Upper
122 100
105 125.1 104.2 144.2
77 98.7 75.1 115.1

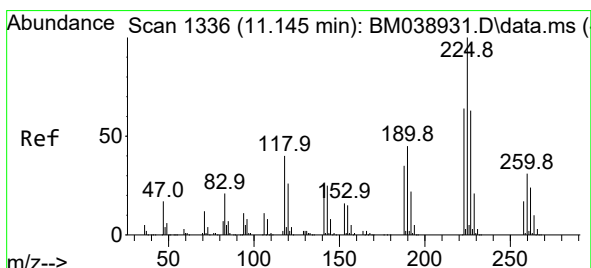
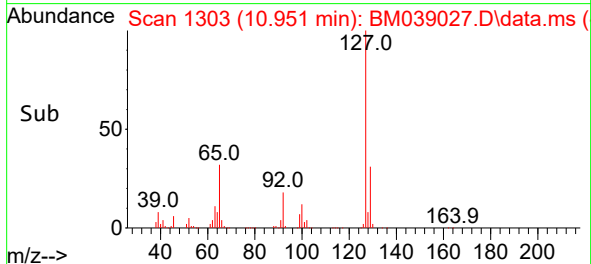
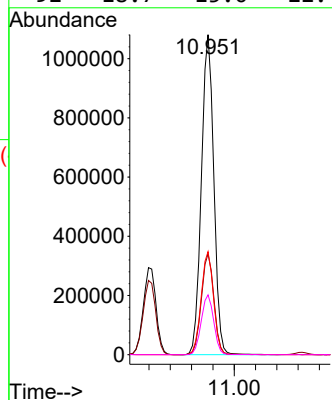
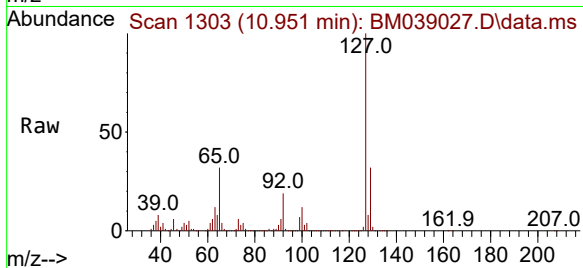




#33
4-Chloroaniline
Concen: 42.205 ng
RT: 10.951 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

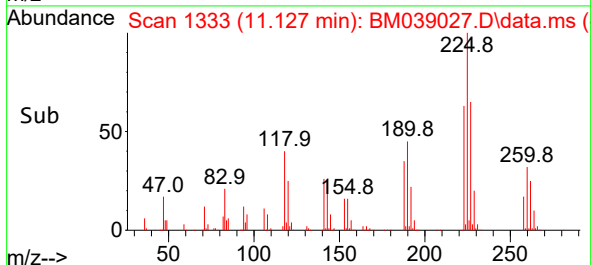
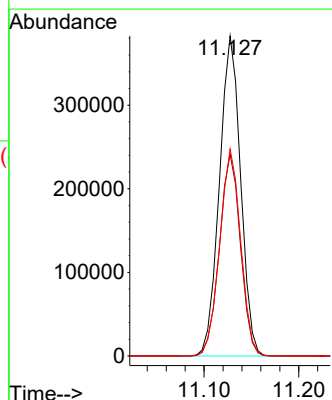
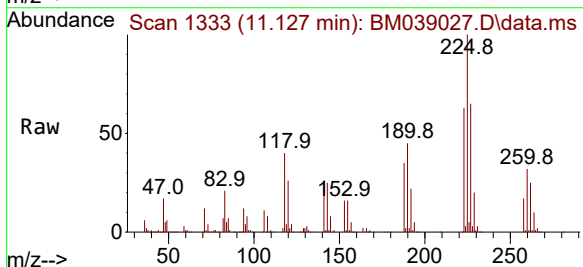
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

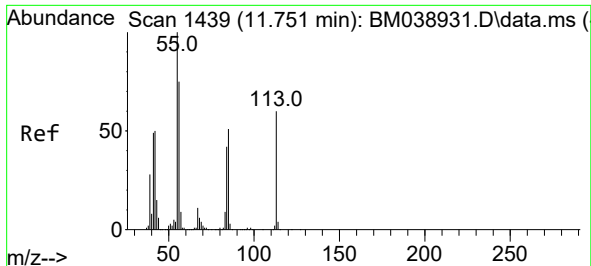
Tgt Ion:127 Resp: 1746637
Ion Ratio Lower Upper
127 100
129 31.5 25.4 38.2
65 32.2 24.4 36.6
92 18.7 15.0 22.4



#34
Hexachlorobutadiene
Concen: 35.970 ng
RT: 11.127 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:225 Resp: 594079
Ion Ratio Lower Upper
225 100
223 63.0 51.3 76.9
227 64.7 50.6 76.0

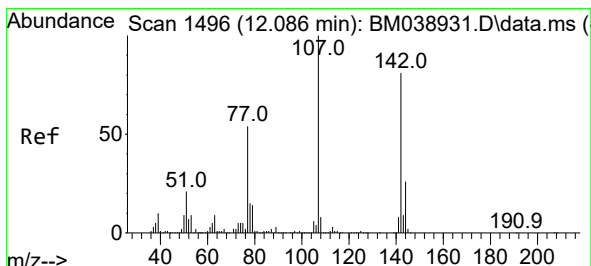
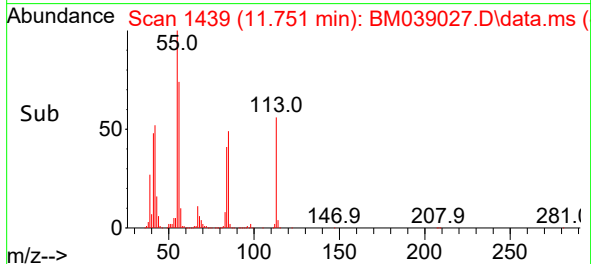
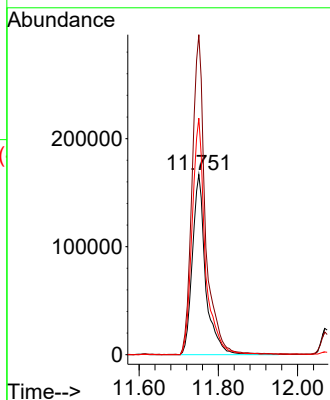
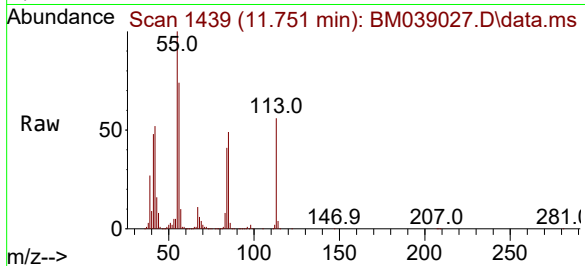




#35
 Caprolactam
 Concen: 48.177 ng
 RT: 11.751 min Scan# 1439
 Delta R.T. 0.012 min
 Lab File: BM039027.D
 Acq: 16 Mar 2023 22:00

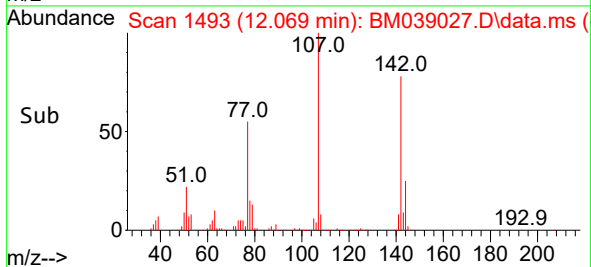
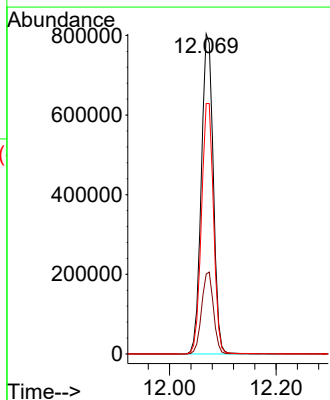
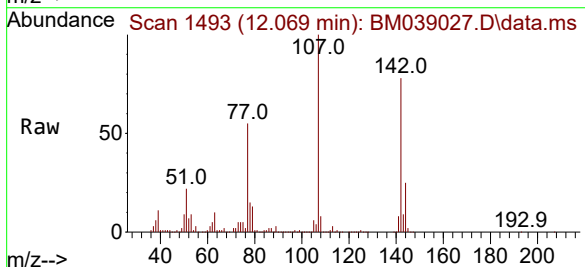
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

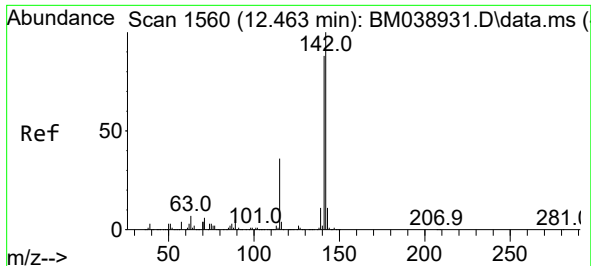
Tgt Ion:113 Resp: 386446
 Ion Ratio Lower Upper
 113 100
 55 177.6 147.0 187.0
 56 131.3 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.619 ng
 RT: 12.069 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: BM039027.D
 Acq: 16 Mar 2023 22:00

Tgt Ion:107 Resp: 1252193
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.7 31.1
 142 78.2 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.828 ng

RT: 12.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

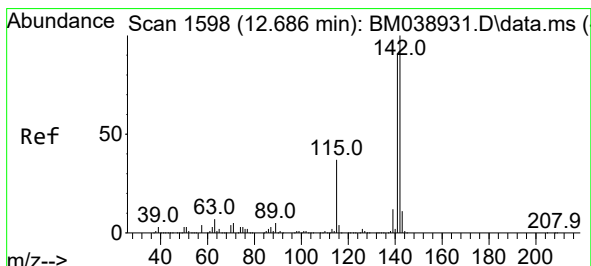
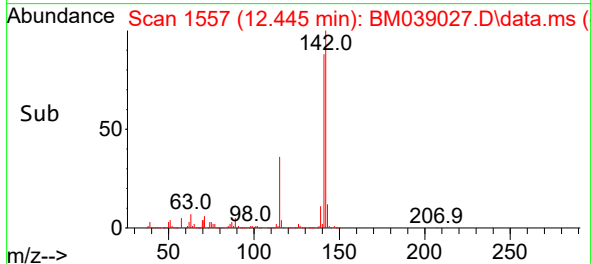
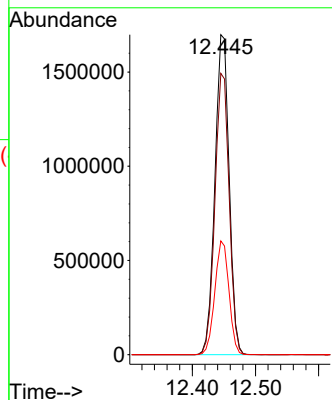
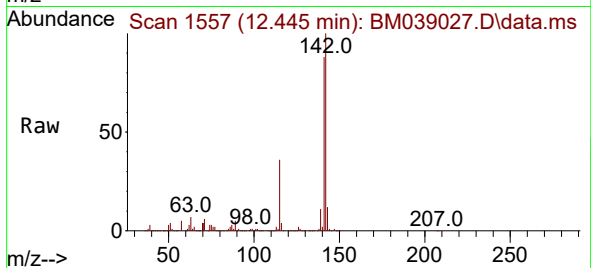
Tgt Ion:142 Resp: 2657346

Ion Ratio Lower Upper

142 100

141 87.9 70.6 106.0

115 35.5 28.5 42.7



#38

1-Methylnaphthalene

Concen: 41.251 ng

RT: 12.668 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

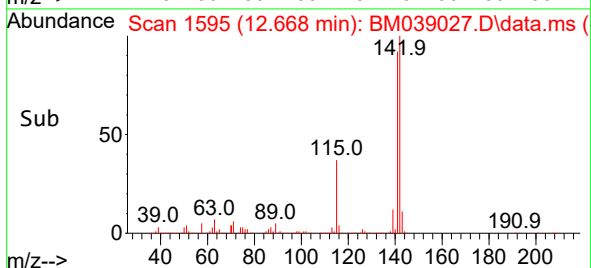
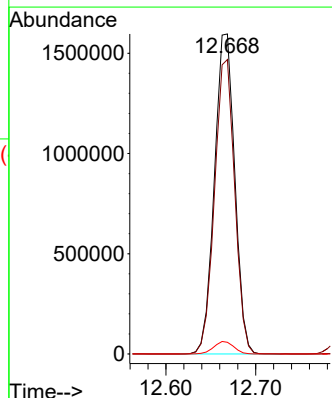
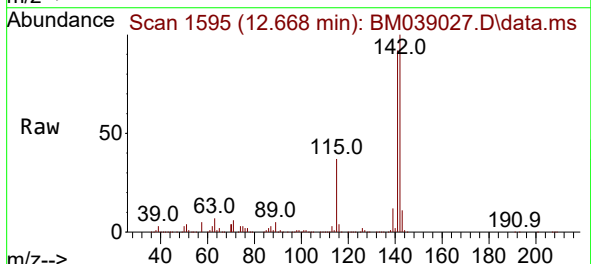
Tgt Ion:142 Resp: 2516086

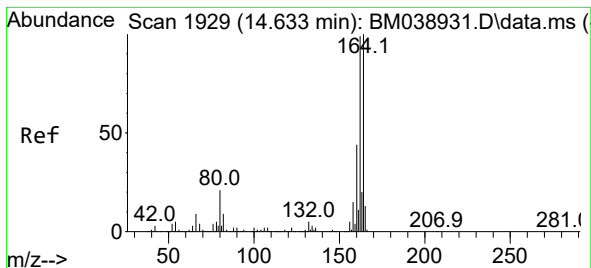
Ion Ratio Lower Upper

142 100

141 92.0 72.8 109.2

116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.615 min Scan# 1926

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

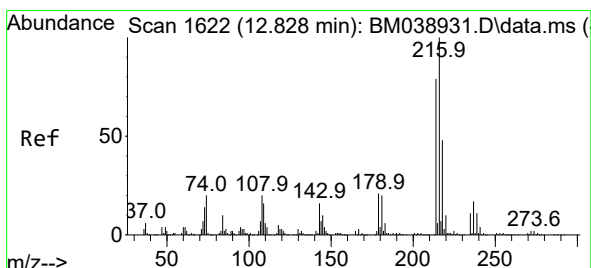
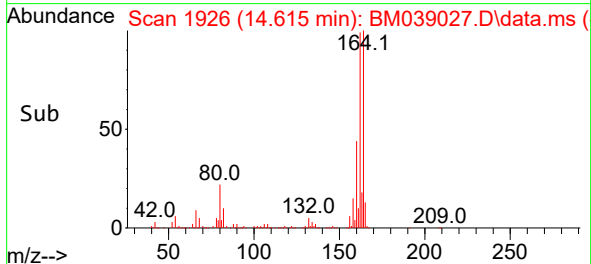
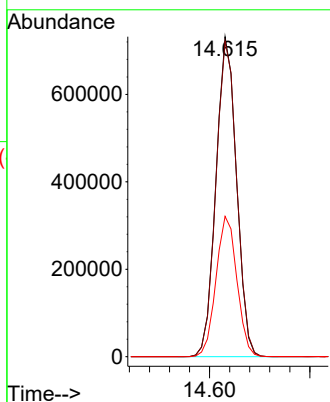
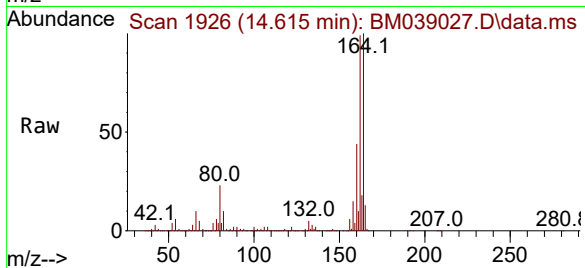
Tgt Ion:164 Resp: 1039323

Ion Ratio Lower Upper

164 100

162 98.5 79.2 118.8

160 43.9 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.225 ng

RT: 12.816 min Scan# 1620

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Tgt Ion:216 Resp: 1190187

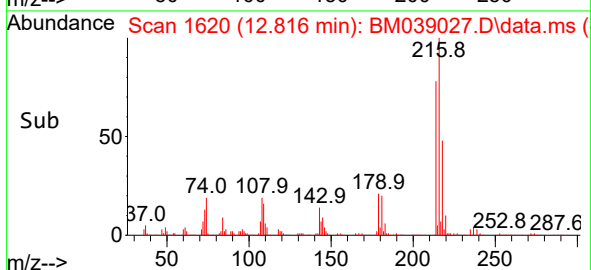
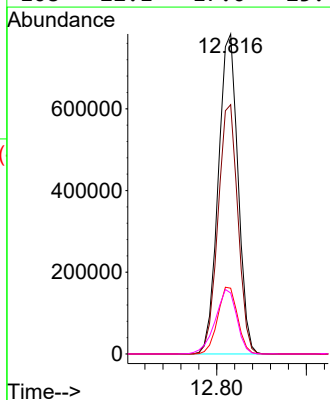
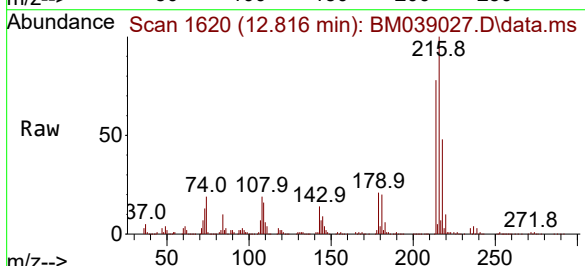
Ion Ratio Lower Upper

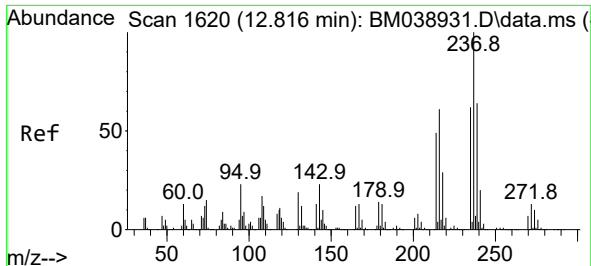
216 100

214 78.5 63.0 94.4

179 21.1 16.8 25.2

108 22.1 17.0 25.4

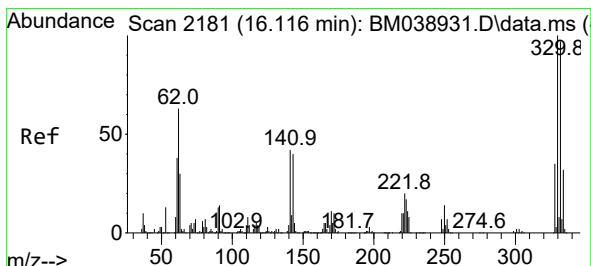
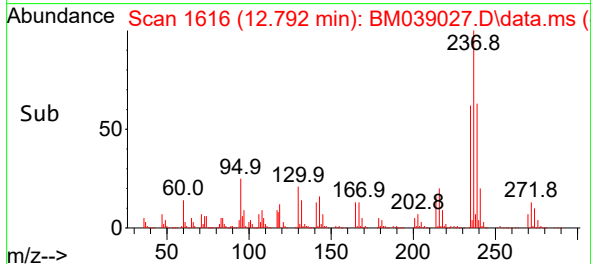
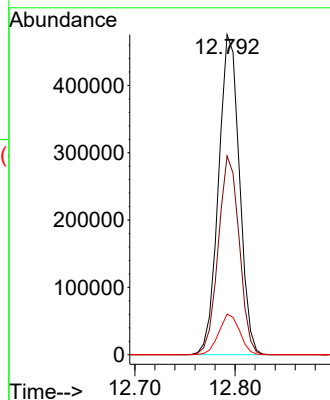
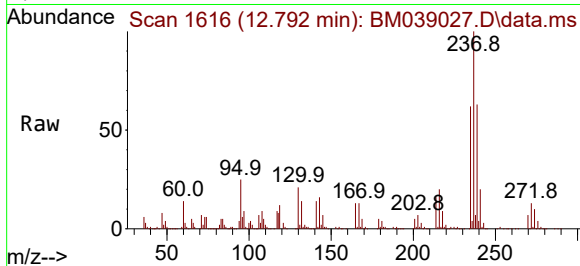




#41
Hexachlorocyclopentadiene
Concen: 37.020 ng
RT: 12.792 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

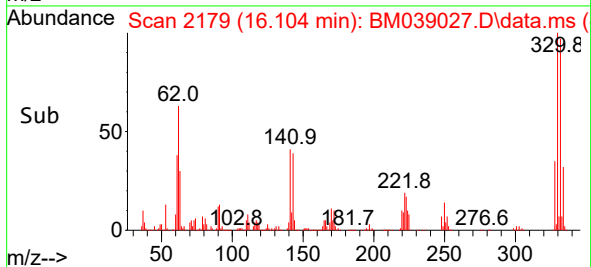
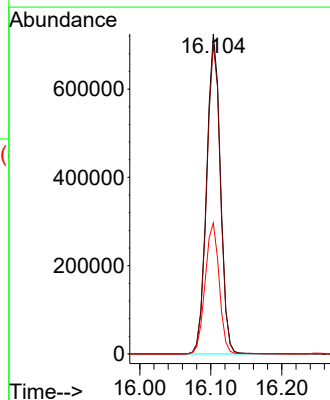
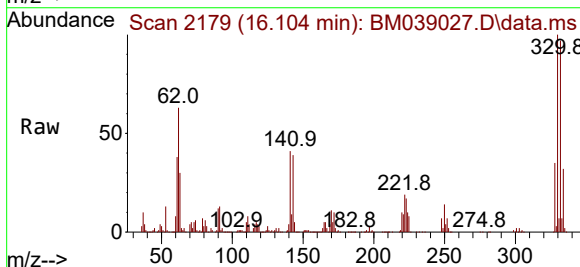
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

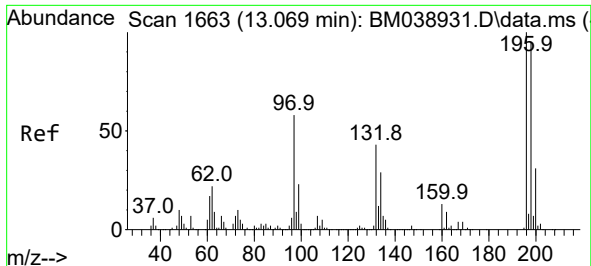
Tgt Ion:237 Resp: 686590
Ion Ratio Lower Upper
237 100
235 62.1 41.7 81.7
272 12.7 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 81.341 ng
RT: 16.104 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:330 Resp: 977992
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 41.8 32.2 48.4

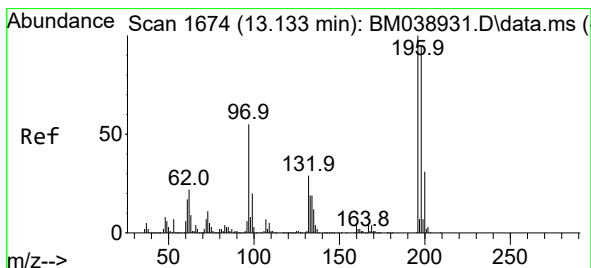
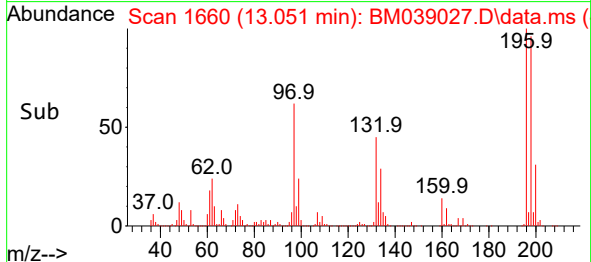
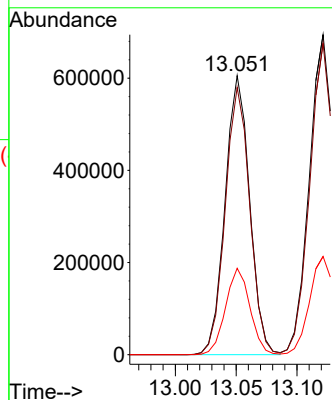
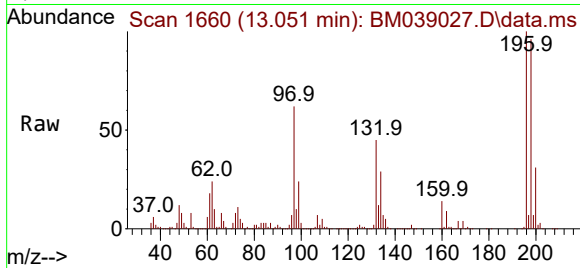




#43
2,4,6-Trichlorophenol
Concen: 38.941 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

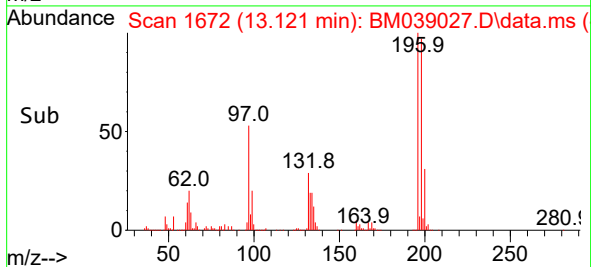
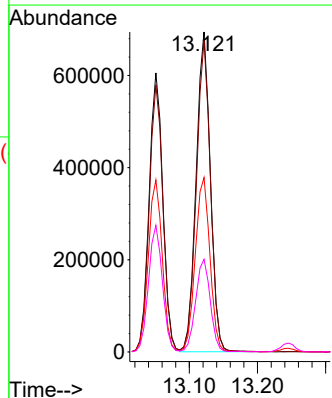
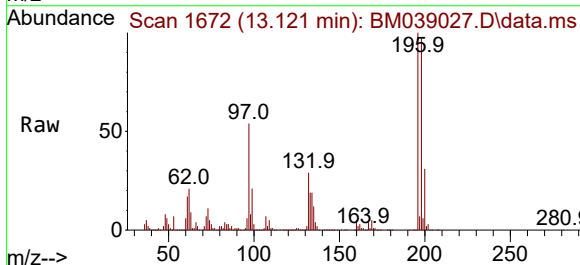
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

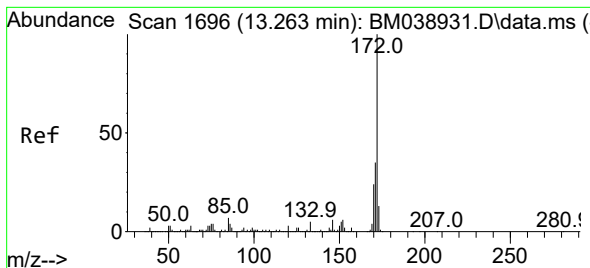
Tgt Ion:196 Resp: 852018
Ion Ratio Lower Upper
196 100
198 95.8 75.8 113.8
200 31.0 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 39.197 ng
RT: 13.121 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:196 Resp: 1003835
Ion Ratio Lower Upper
196 100
198 97.3 76.3 114.5
97 54.5 44.2 66.4
132 28.9 23.4 35.2

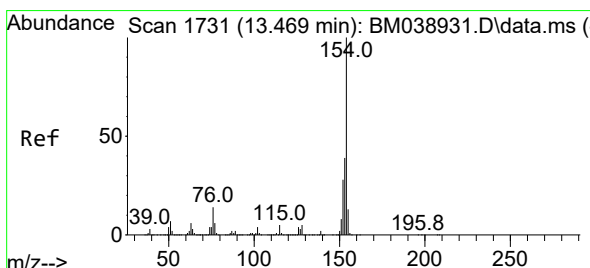
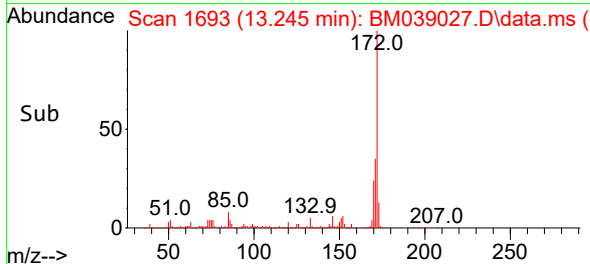
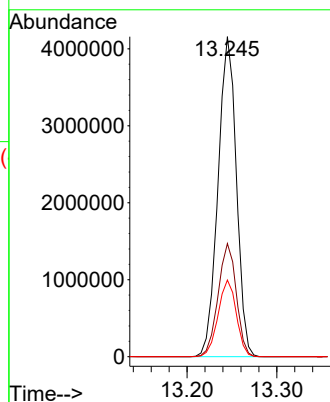
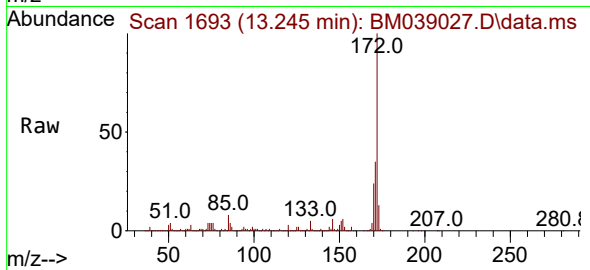




#45
2-Fluorobiphenyl
Concen: 73.968 ng
RT: 13.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

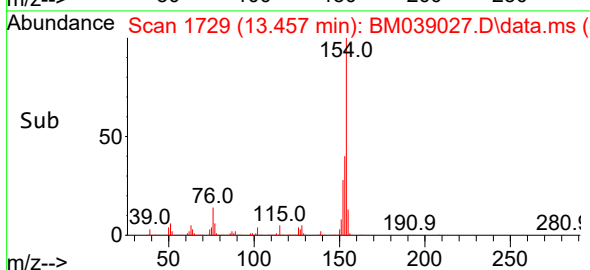
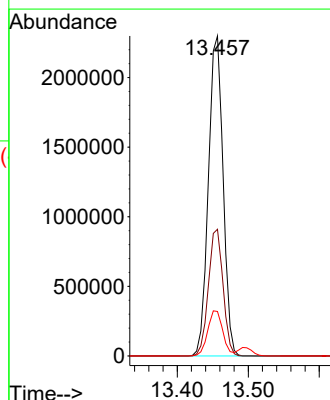
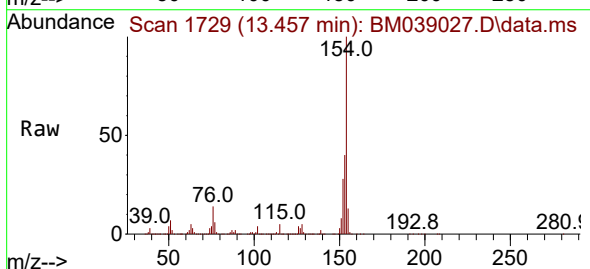
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

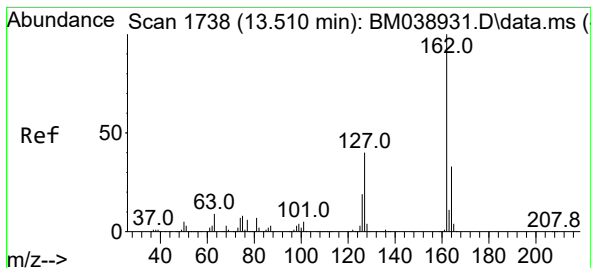
Tgt Ion:172 Resp: 5905435
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 37.526 ng
RT: 13.457 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:154 Resp: 3304087
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 37.160 ng

RT: 13.498 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

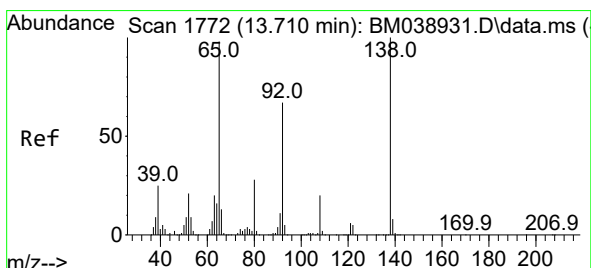
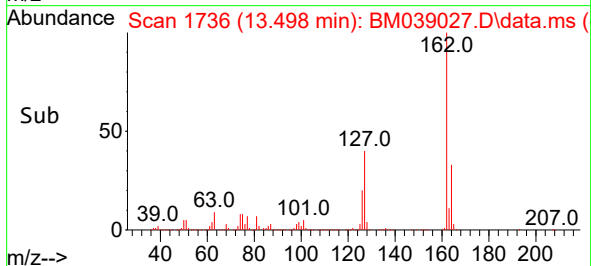
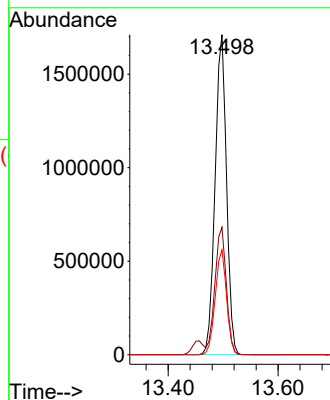
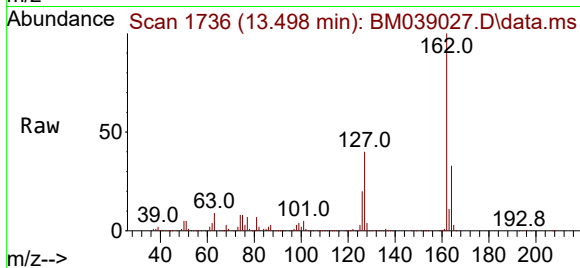
Tgt Ion:162 Resp: 2467211

Ion Ratio Lower Upper

162 100

127 39.8 32.1 48.1

164 32.7 26.2 39.4



#48

2-Nitroaniline

Concen: 42.963 ng

RT: 13.698 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

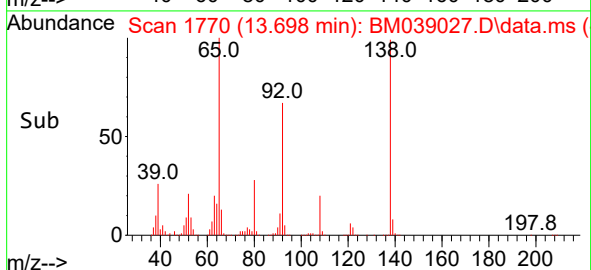
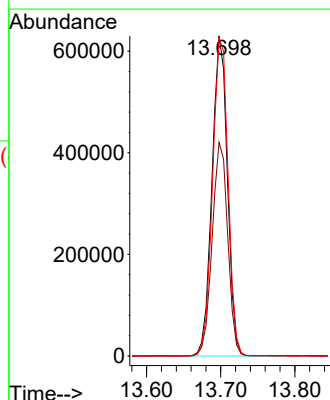
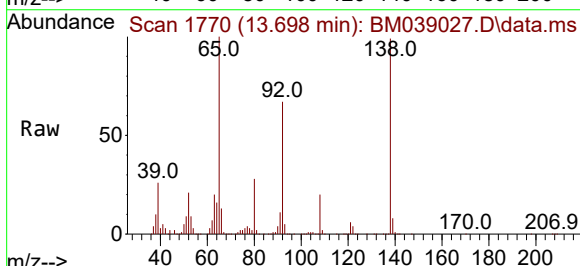
Tgt Ion: 65 Resp: 908114

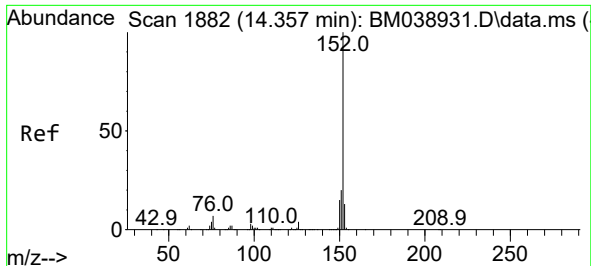
Ion Ratio Lower Upper

65 100

92 66.8 54.9 82.3

138 99.4 81.6 122.4

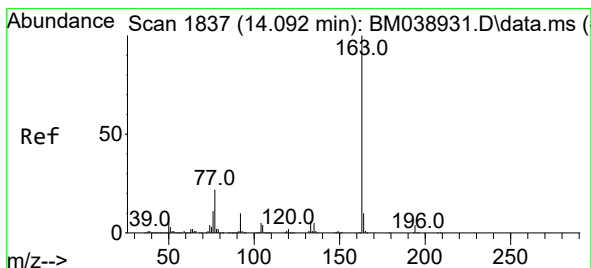
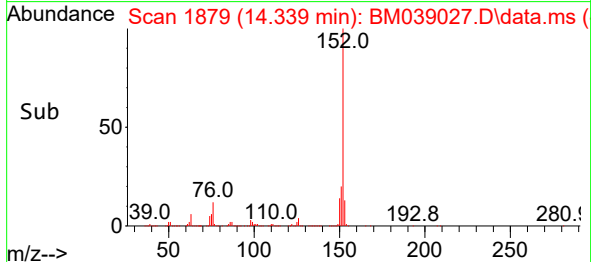
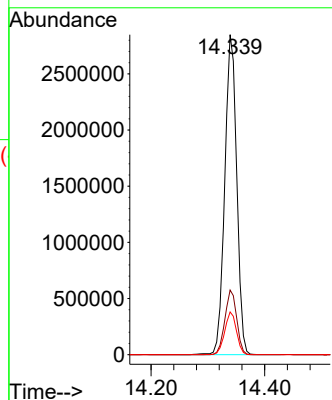
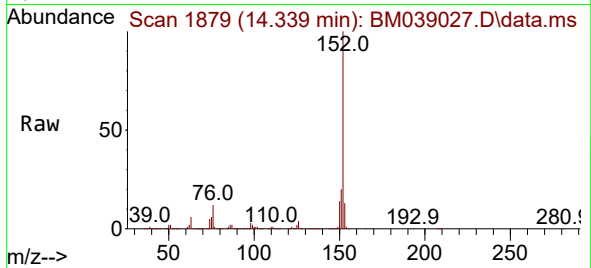




#49
Acenaphthylene
Concen: 39.504 ng
RT: 14.339 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

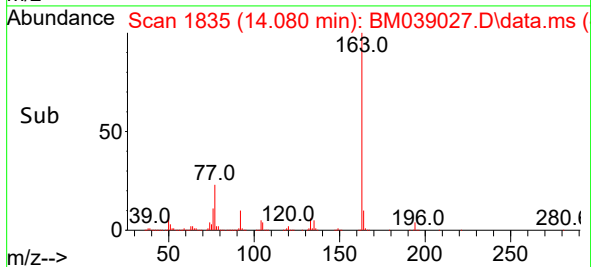
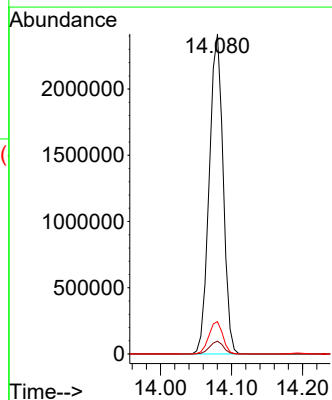
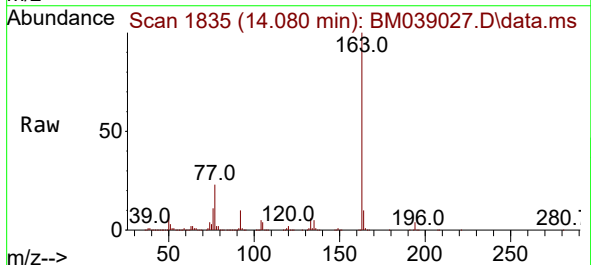
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

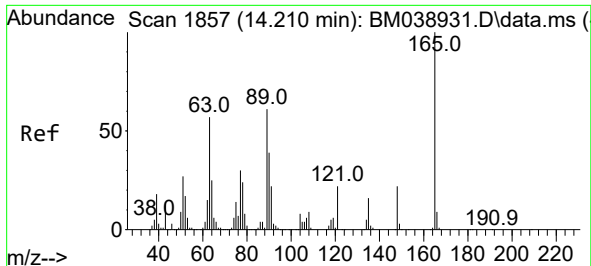
Tgt Ion:152 Resp: 4177830
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 41.009 ng
RT: 14.080 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:163 Resp: 3279703
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1

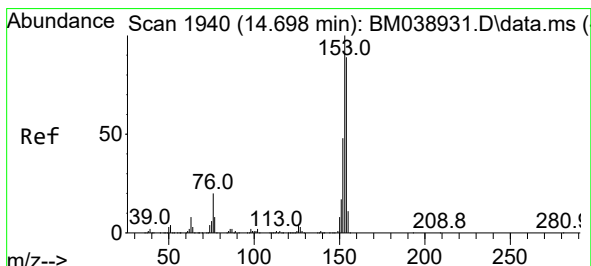
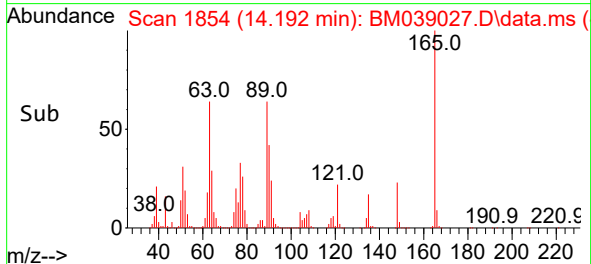
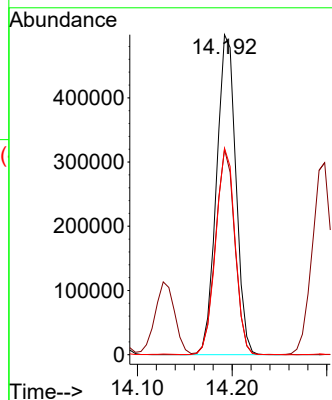
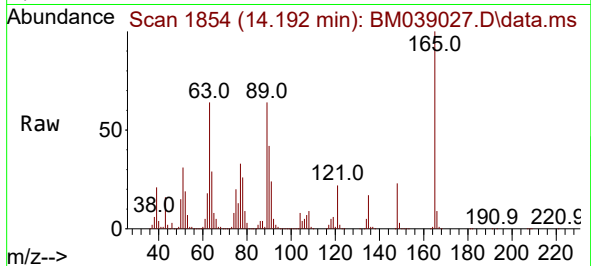




#51
2,6-Dinitrotoluene
Concen: 40.326 ng
RT: 14.192 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

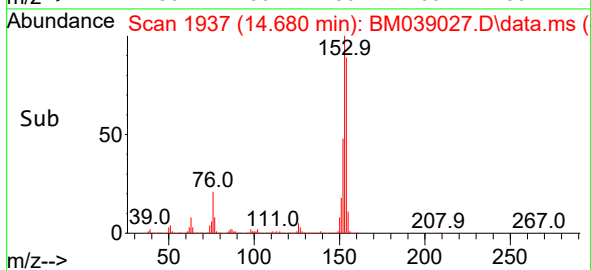
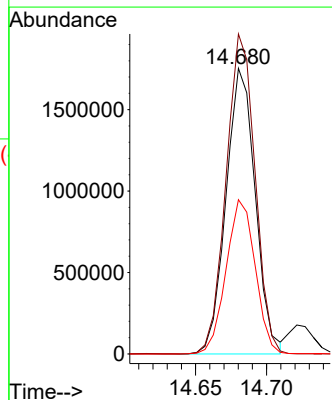
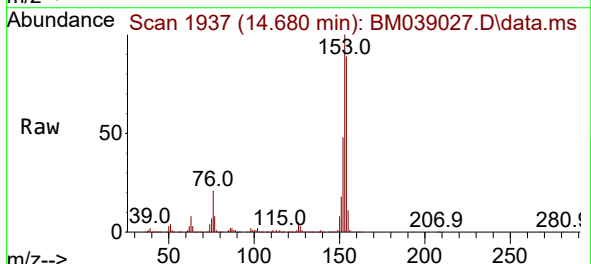
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

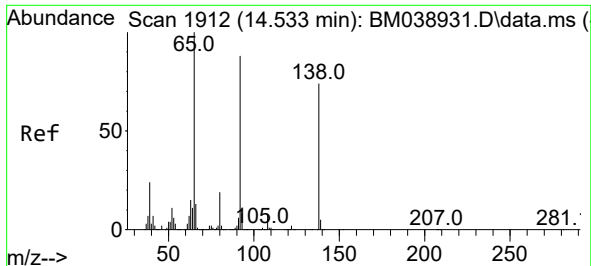
Tgt Ion:165 Resp: 708917
Ion Ratio Lower Upper
165 100
63 64.2 46.6 70.0
89 64.5 48.6 73.0



#52
Acenaphthene
Concen: 38.692 ng
RT: 14.680 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:154 Resp: 2514781
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 54.0 43.4 65.2

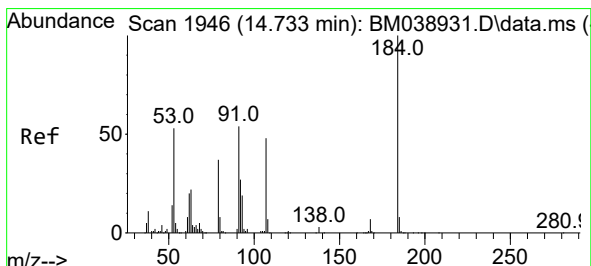
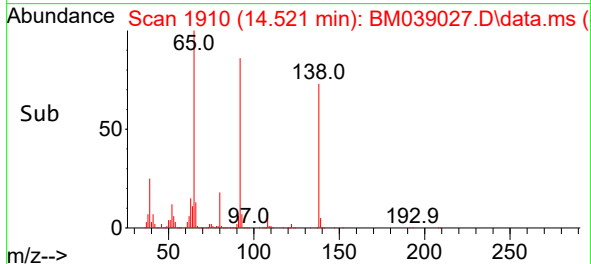
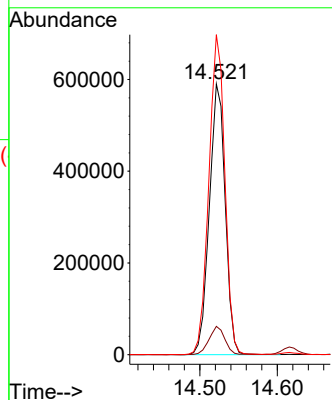
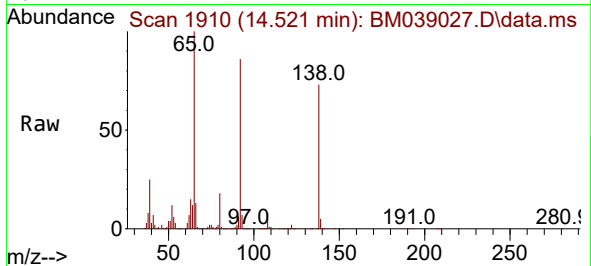




#53
3-Nitroaniline
Concen: 40.960 ng
RT: 14.521 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

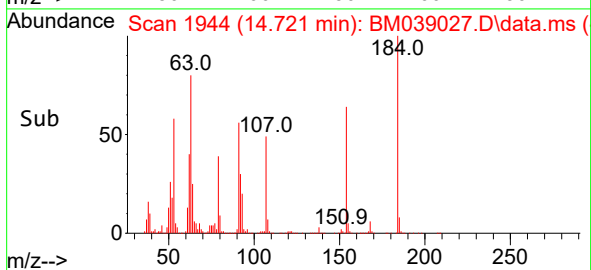
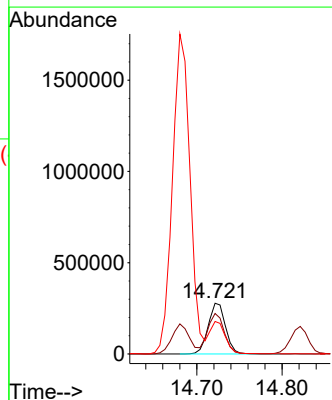
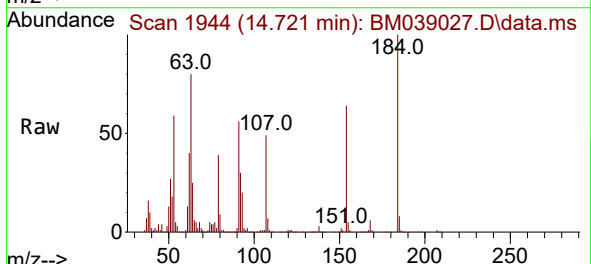
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

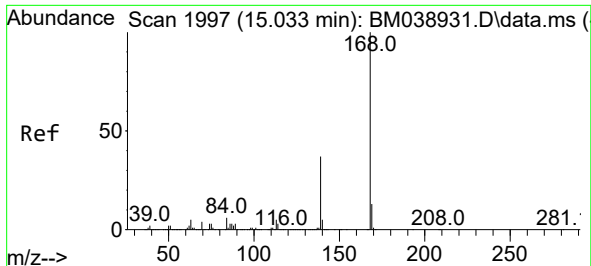
Tgt Ion:138 Resp: 841904
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 118.2 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 41.129 ng
RT: 14.721 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:184 Resp: 390694
Ion Ratio Lower Upper
184 100
63 79.8 60.6 90.8
154 64.0 51.4 77.2

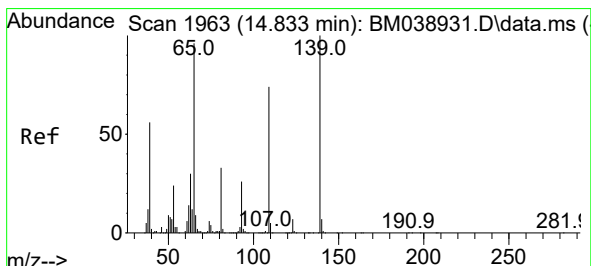
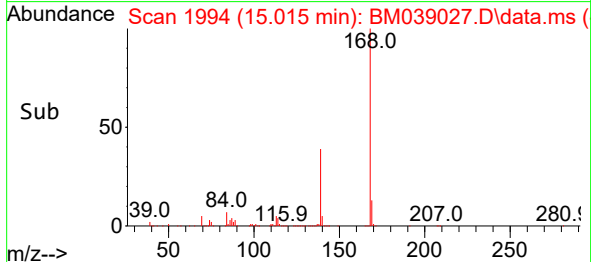
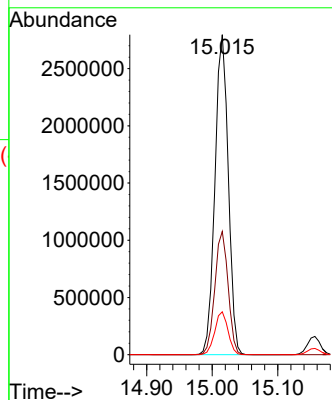
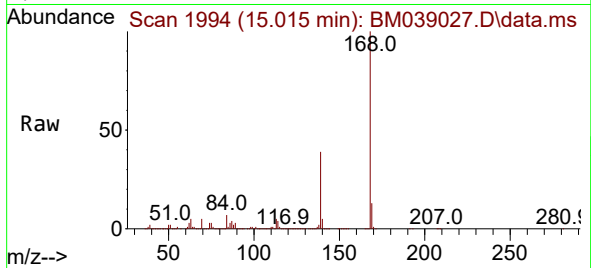




#55
Dibenzofuran
Concen: 38.759 ng
RT: 15.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

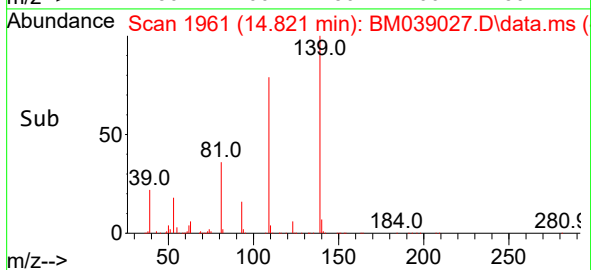
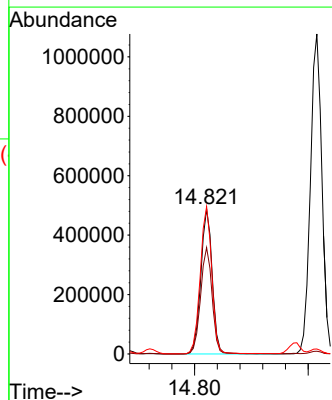
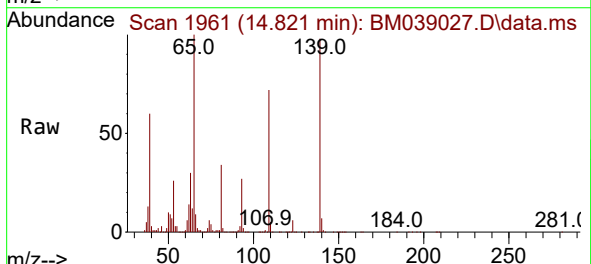
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

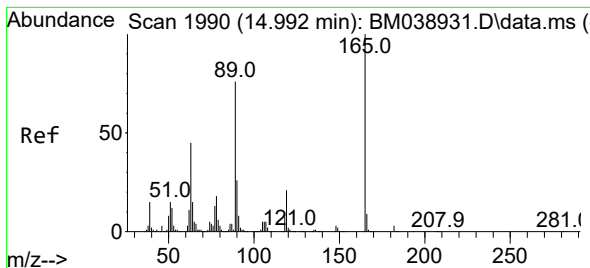
Tgt Ion:168 Resp: 3942056
Ion Ratio Lower Upper
168 100
139 38.5 29.9 44.9
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 42.946 ng
RT: 14.821 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:139 Resp: 682119
Ion Ratio Lower Upper
139 100
109 73.5 53.5 93.5
65 101.8 76.4 116.4

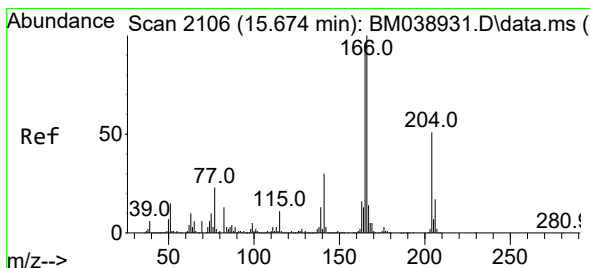
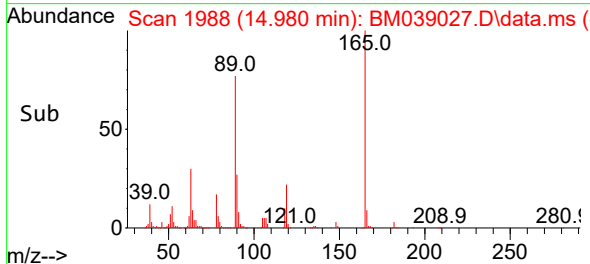
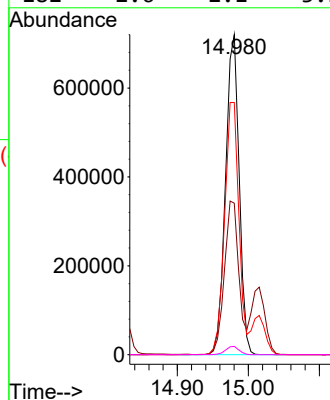
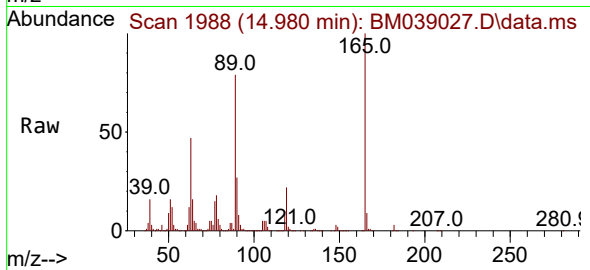




#57
2,4-Dinitrotoluene
Concen: 41.390 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

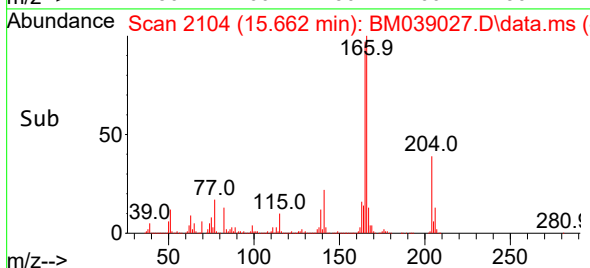
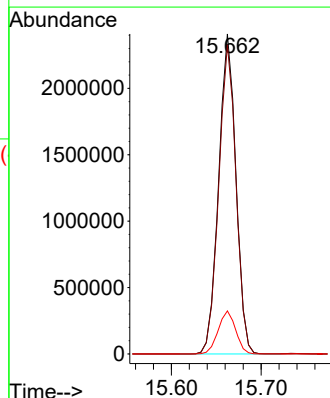
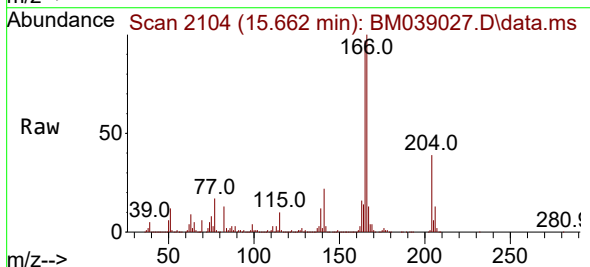
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

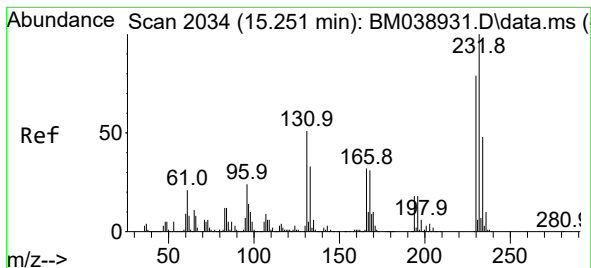
Tgt Ion:165 Resp: 956469
Ion Ratio Lower Upper
165 100
63 47.4 35.9 53.9
89 78.8 61.0 91.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.396 ng
RT: 15.662 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:166 Resp: 3218335
Ion Ratio Lower Upper
166 100
165 96.6 77.1 115.7
167 13.5 10.9 16.3

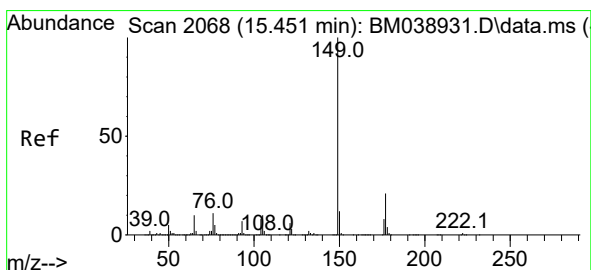
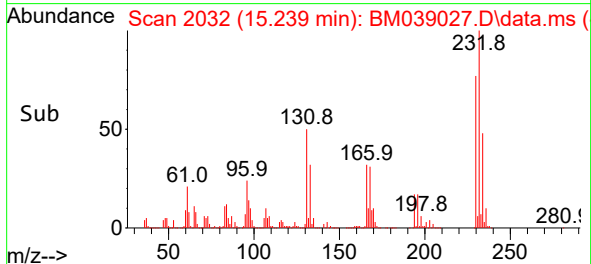
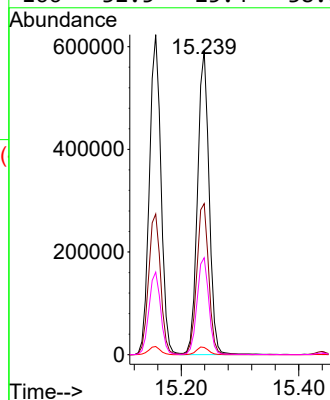
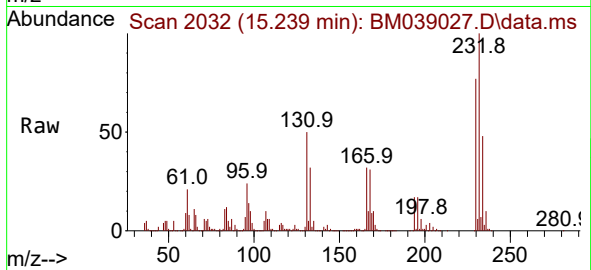




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.799 ng
RT: 15.239 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

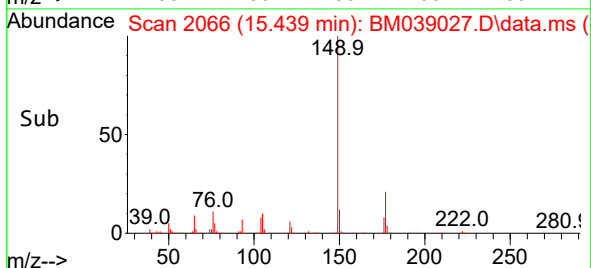
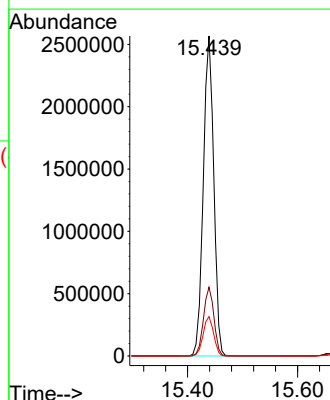
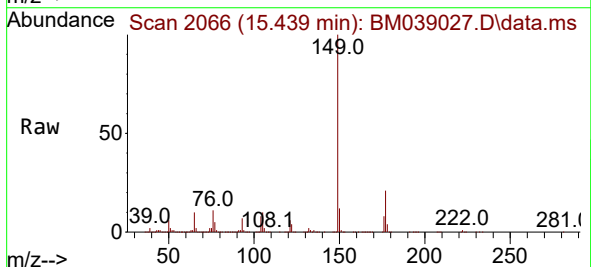
Instrument :
BNA_M
ClientSampleId :
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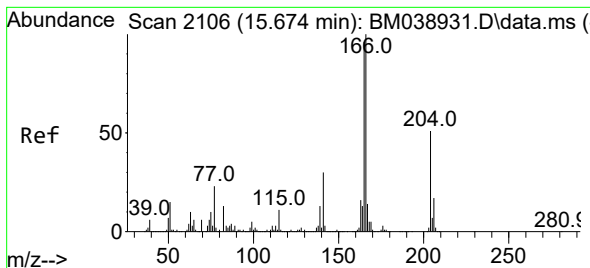
Tgt Ion:232 Resp: 805809
Ion Ratio Lower Upper
232 100
131 51.0 40.0 60.0
130 2.7 2.0 3.0
166 32.5 25.4 38.0



#60
Diethylphthalate
Concen: 43.472 ng
RT: 15.439 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:149 Resp: 3382853
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.3 9.7 14.5

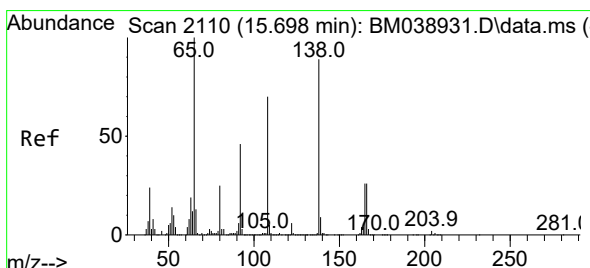
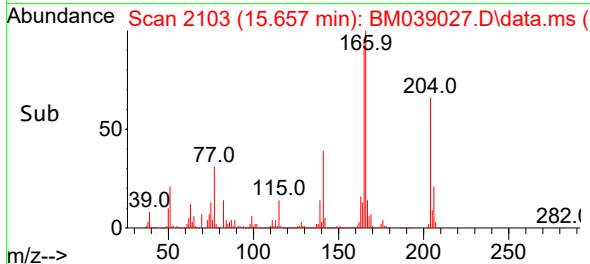
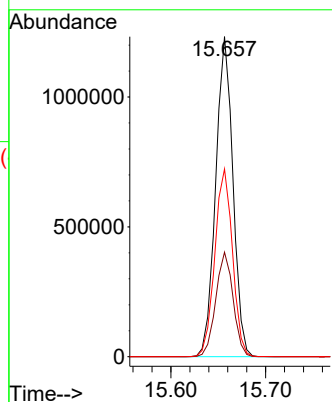
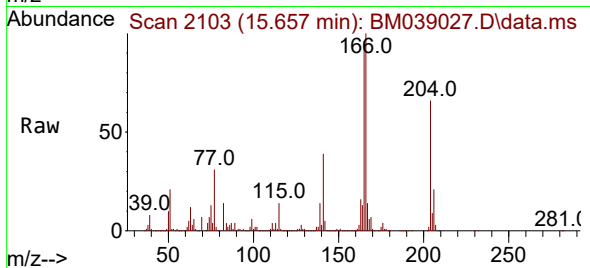




#61
4-Chlorophenyl-phenylether
Concen: 39.784 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

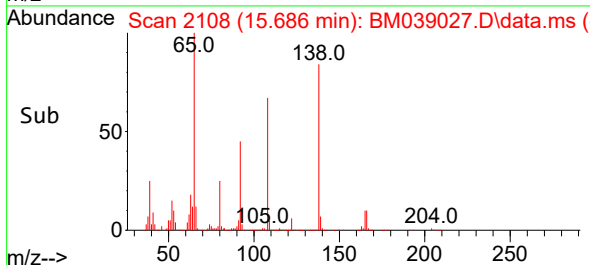
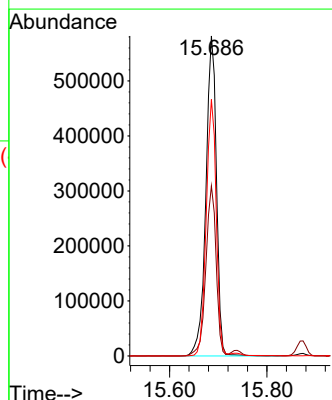
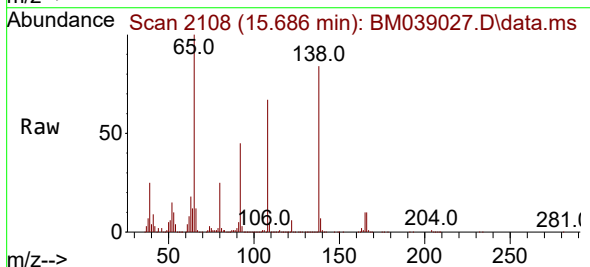
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

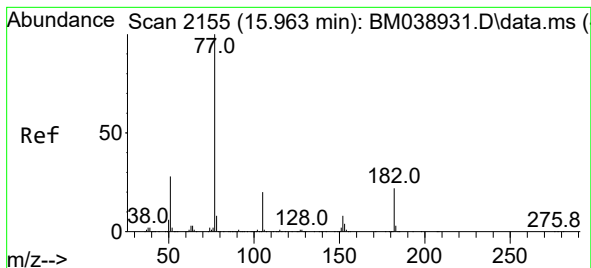
Tgt Ion:204 Resp: 1557146
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.6 46.4 69.6



#62
4-Nitroaniline
Concen: 41.935 ng
RT: 15.686 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:138 Resp: 877703
Ion Ratio Lower Upper
138 100
92 53.1 31.6 71.6
108 80.1 58.6 98.6





#63

Azobenzene

Concen: 44.400 ng

RT: 15.951 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 3655841

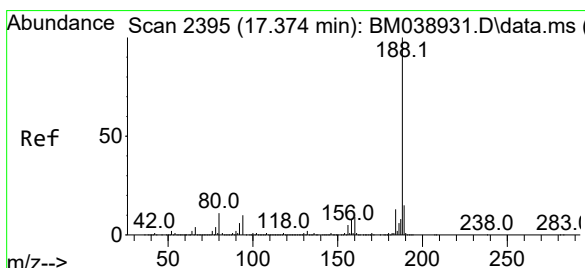
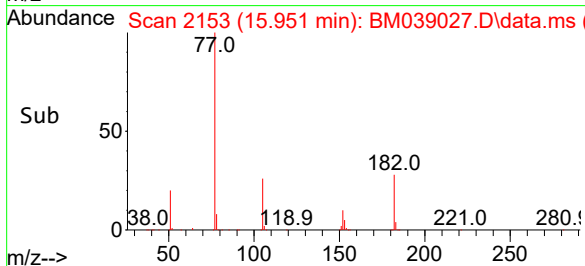
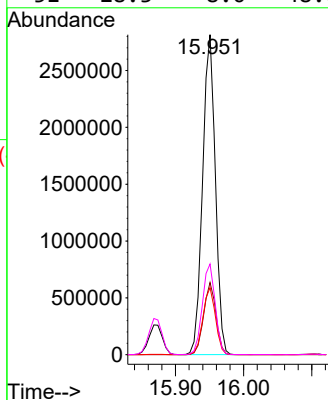
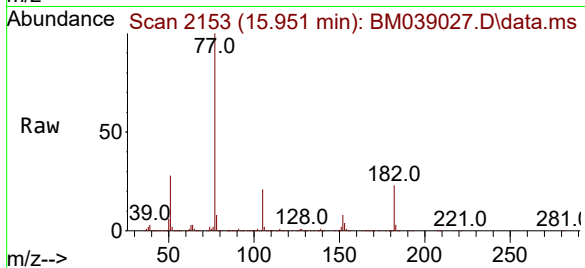
Ion Ratio Lower Upper

77 100

182 22.6 2.0 42.0

105 20.9 0.4 40.4

51 28.3 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 2393

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

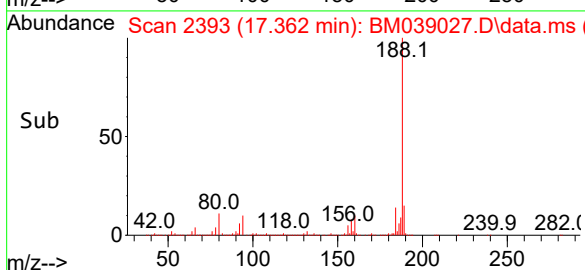
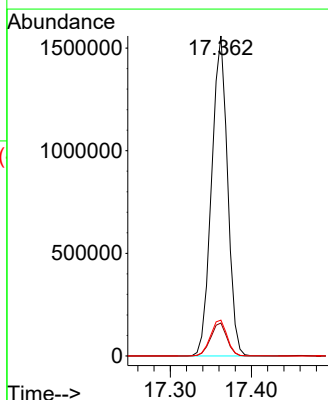
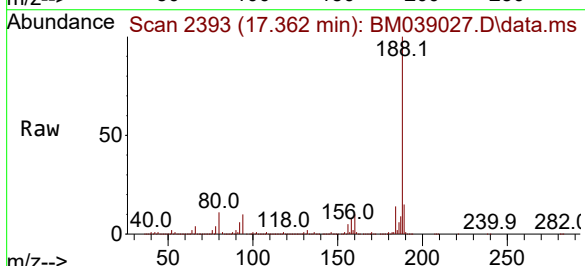
Tgt Ion:188 Resp: 2127996

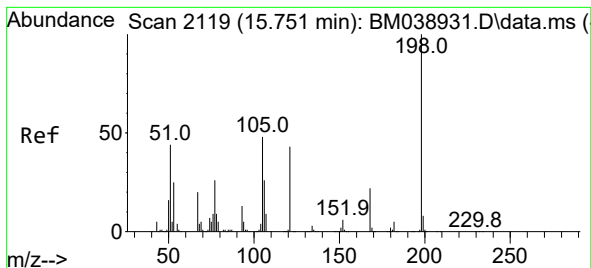
Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.2 8.5 12.7

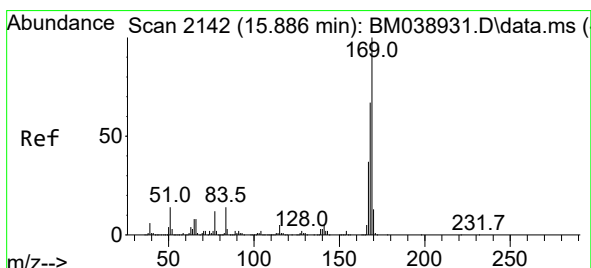
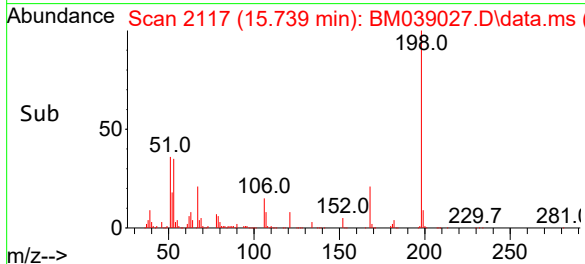
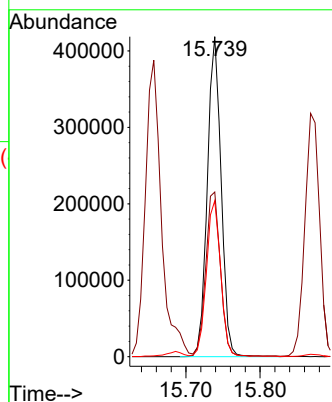
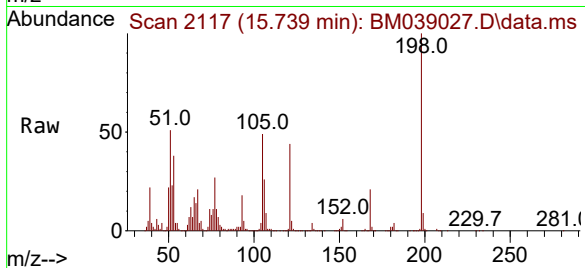




#65
4,6-Dinitro-2-methylphenol
Concen: 39.633 ng
RT: 15.739 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

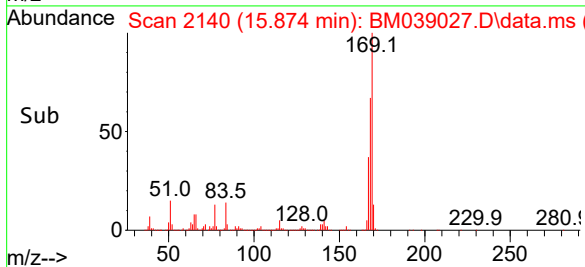
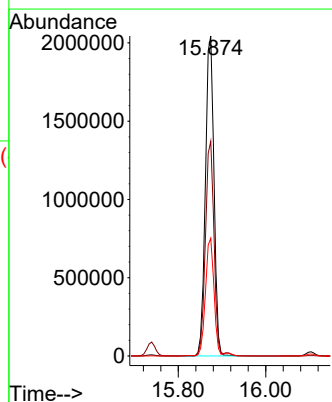
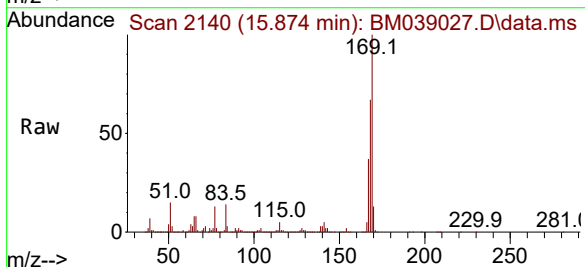
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

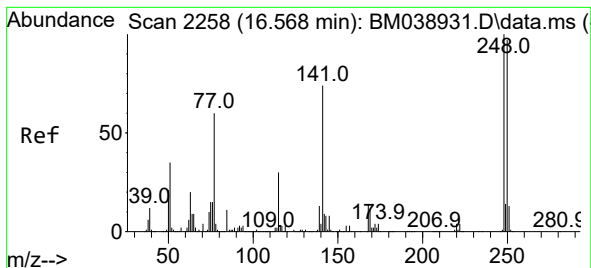
Tgt Ion:198 Resp: 540375
Ion Ratio Lower Upper
198 100
51 51.4 30.1 70.1
105 48.7 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 38.765 ng
RT: 15.874 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:169 Resp: 2780958
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.8 29.4 44.0

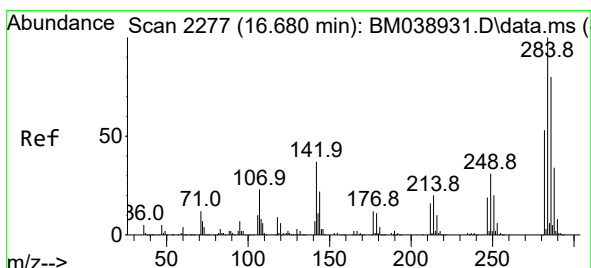
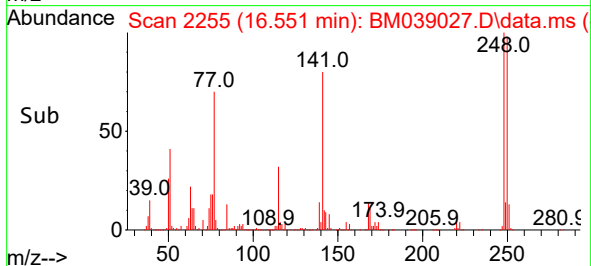
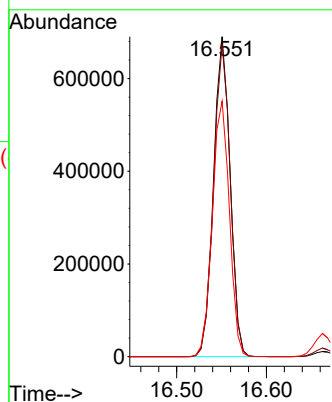
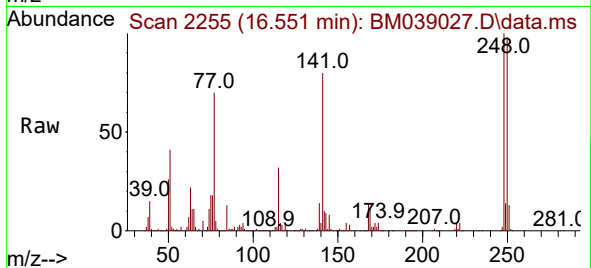




#67
4-Bromophenyl-phenylether
Concen: 38.686 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

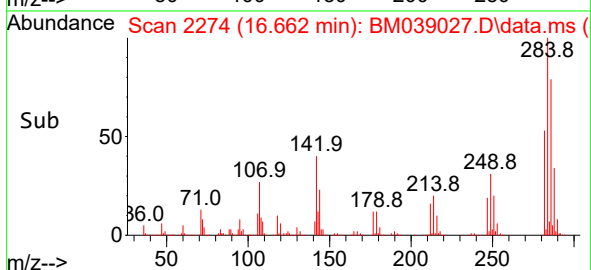
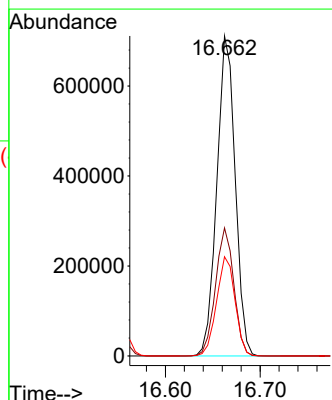
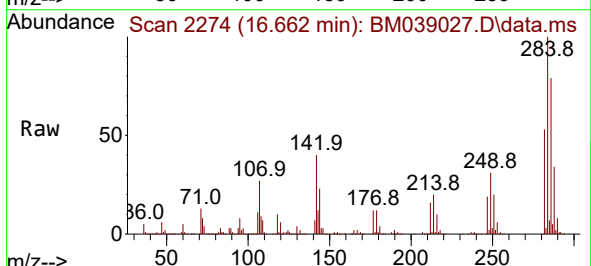
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

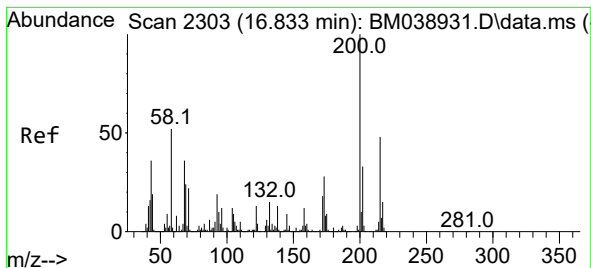
Tgt Ion:248 Resp: 889188
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.8
141 79.8 59.0 88.4



#68
Hexachlorobenzene
Concen: 37.260 ng
RT: 16.662 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:284 Resp: 957386
Ion Ratio Lower Upper
284 100
142 40.0 29.5 44.3
249 31.0 25.0 37.4





#69

Atrazine

Concen: 43.305 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

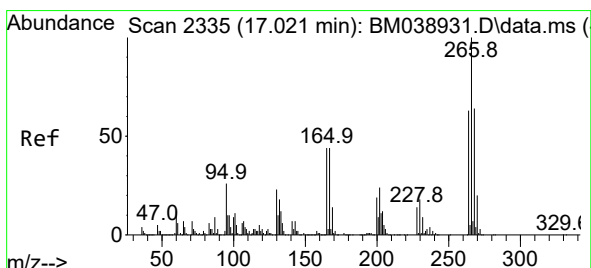
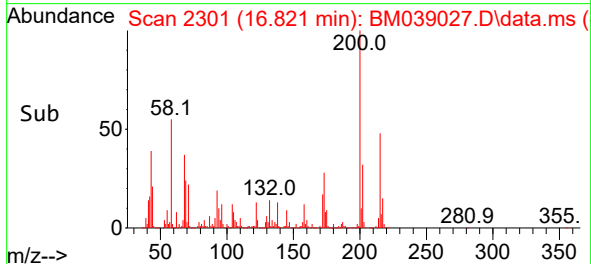
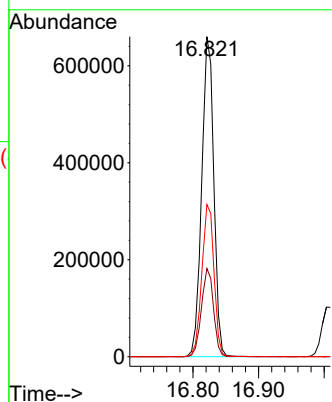
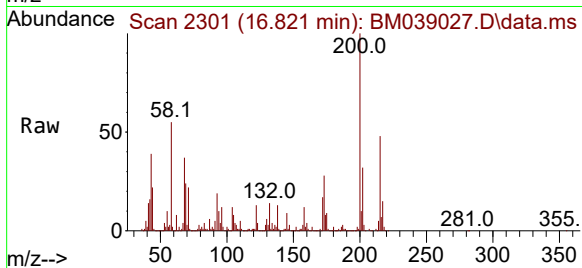
Tgt Ion:200 Resp: 848573

Ion Ratio Lower Upper

200 100

173 27.6 8.2 48.2

215 47.5 27.8 67.8



#70

Pentachlorophenol

Concen: 39.004 ng

RT: 17.009 min Scan# 2333

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

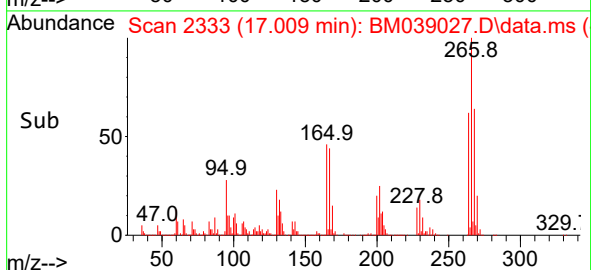
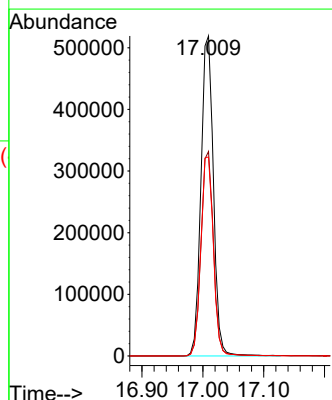
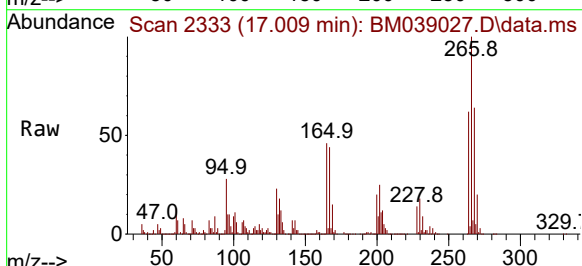
Tgt Ion:266 Resp: 737109

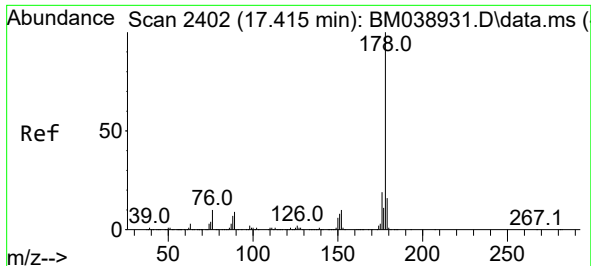
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.4

264 62.2 50.3 75.5

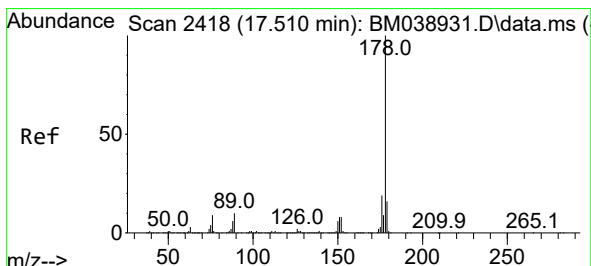
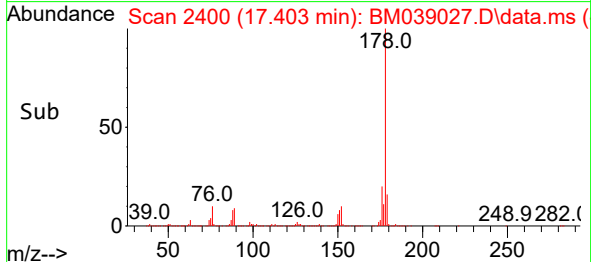
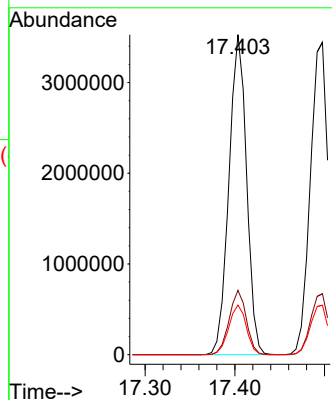
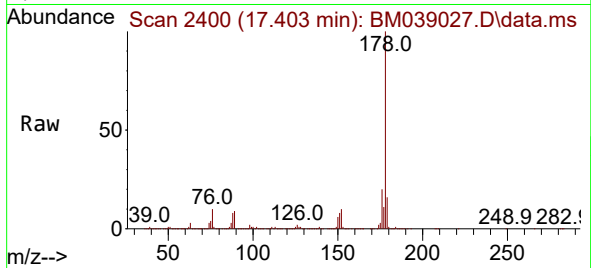




#71
Phenanthrene
Concen: 38.515 ng
RT: 17.403 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

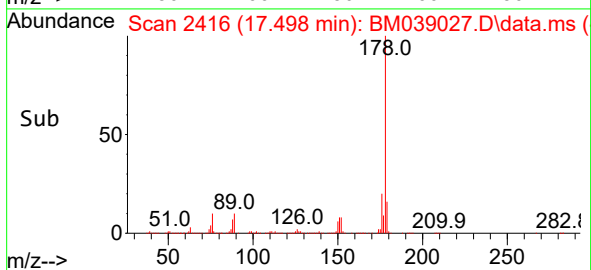
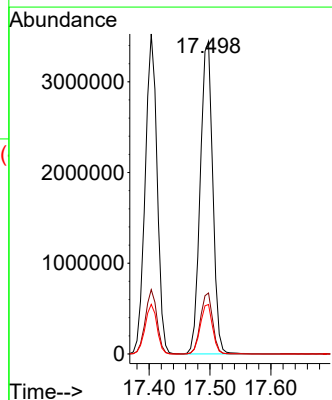
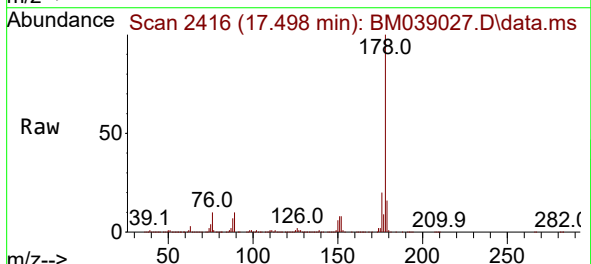
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

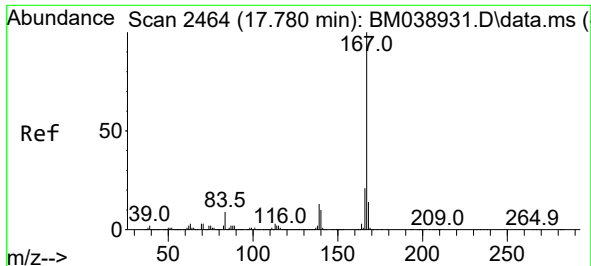
Tgt Ion:178 Resp: 4810250
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.5 12.5 18.7



#72
Anthracene
Concen: 39.246 ng
RT: 17.498 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:178 Resp: 4888091
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.5 18.7

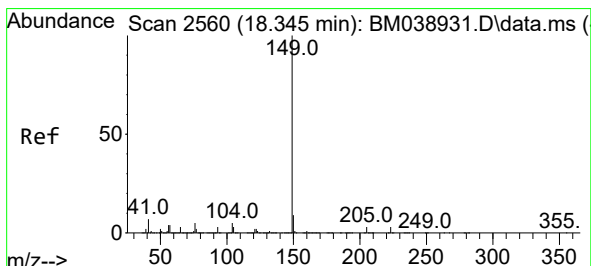
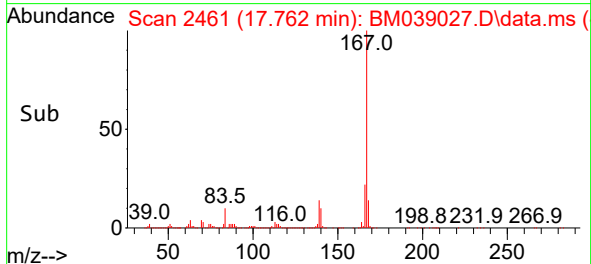
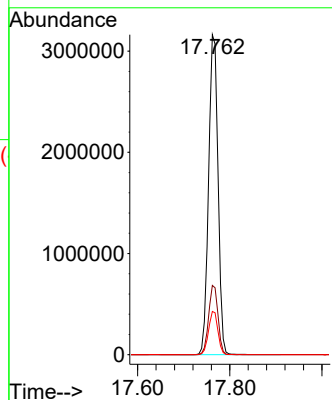
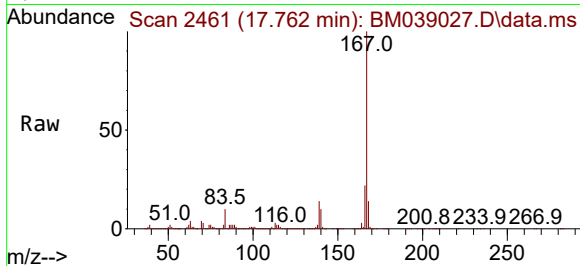




#73
 Carbazole
 Concen: 39.836 ng
 RT: 17.762 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM039027.D
 Acq: 16 Mar 2023 22:00

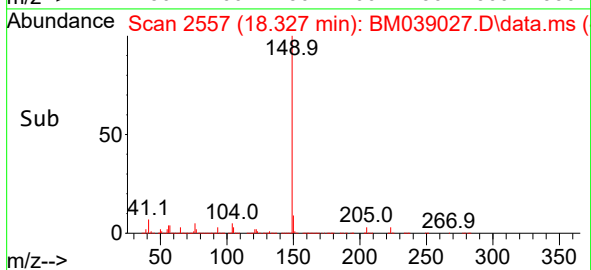
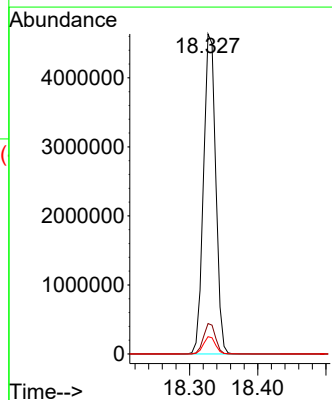
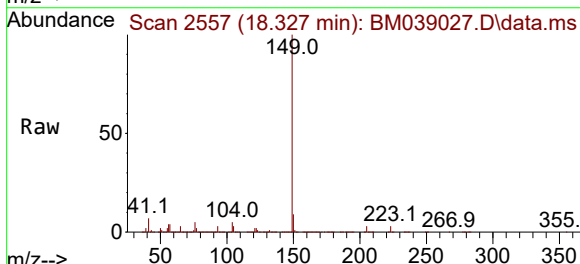
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

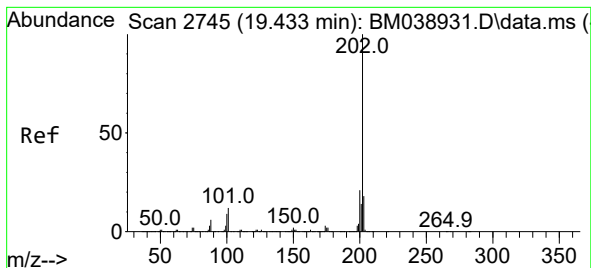
Tgt Ion:167 Resp: 4528251
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 13.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 41.847 ng
 RT: 18.327 min Scan# 2557
 Delta R.T. -0.000 min
 Lab File: BM039027.D
 Acq: 16 Mar 2023 22:00

Tgt Ion:149 Resp: 5768624
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 39.212 ng

RT: 19.415 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

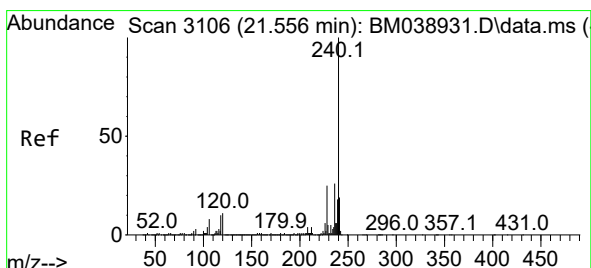
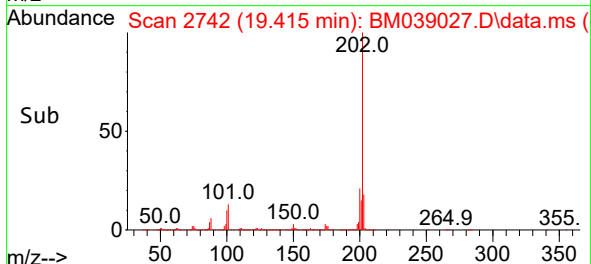
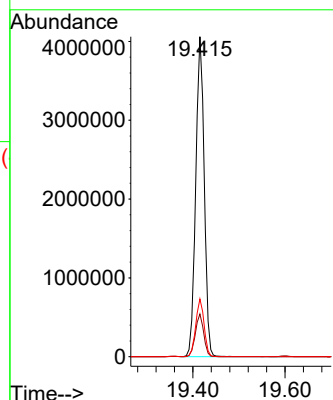
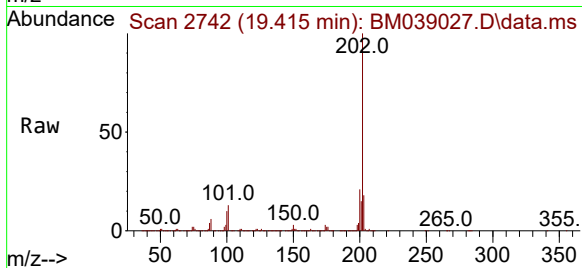
Tgt Ion:202 Resp: 5170868

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.7

203 18.1 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

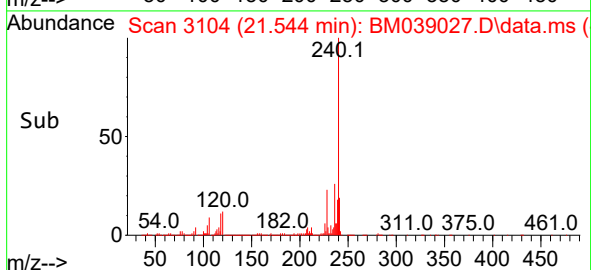
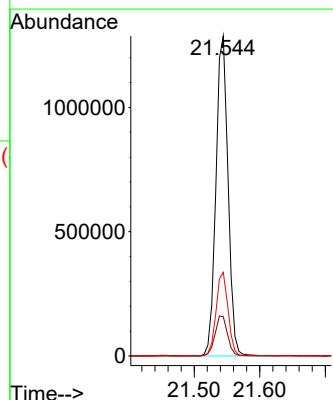
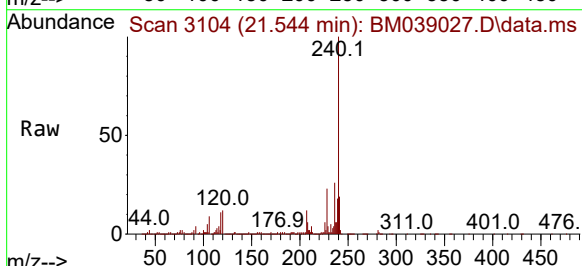
Tgt Ion:240 Resp: 1650790

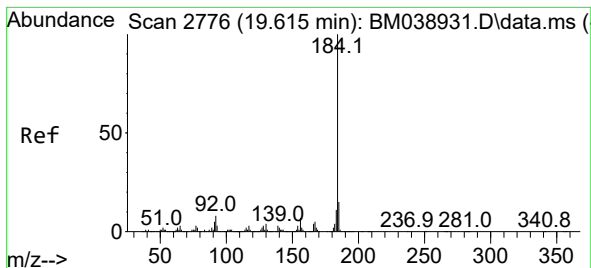
Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

236 26.2 20.8 31.2





#77

Benzidine

Concen: 44.357 ng

RT: 19.597 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

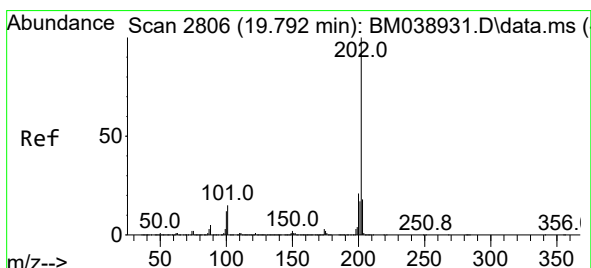
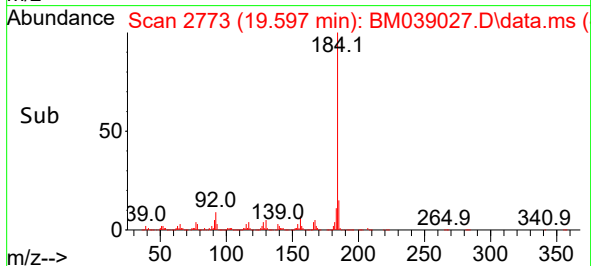
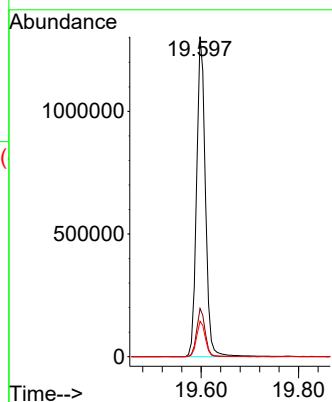
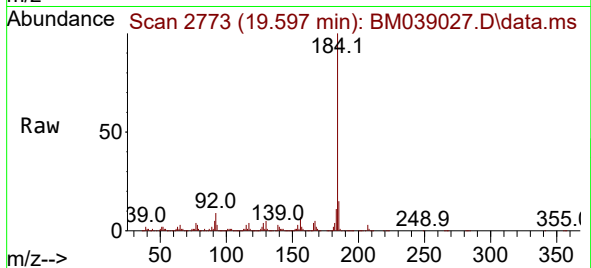
Tgt Ion:184 Resp: 1653571

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.4

183 11.1 8.8 13.2



#78

Pyrene

Concen: 43.440 ng

RT: 19.780 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

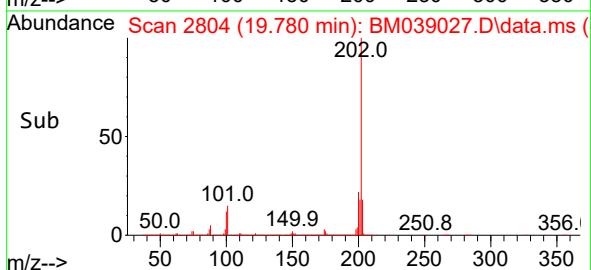
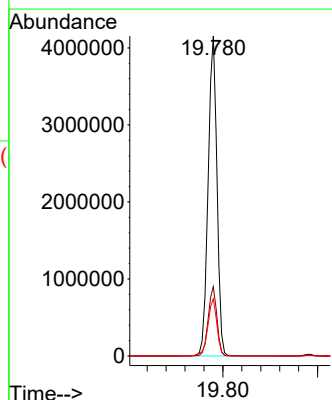
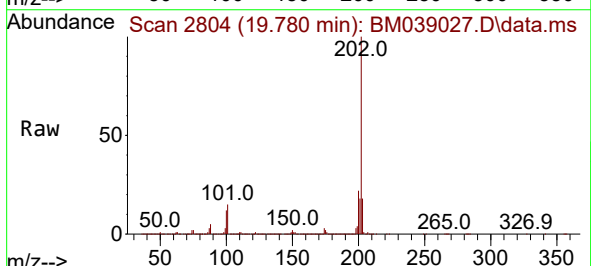
Tgt Ion:202 Resp: 5386020

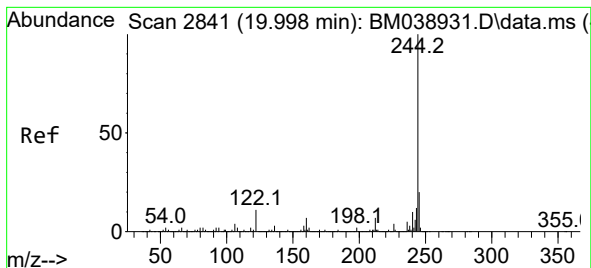
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 87.029 ng

RT: 19.980 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

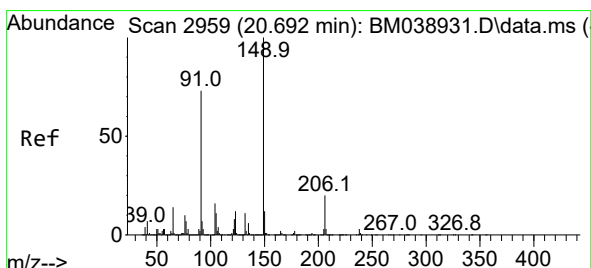
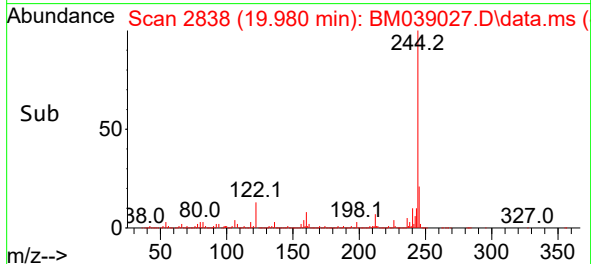
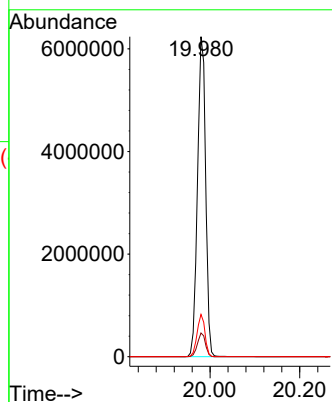
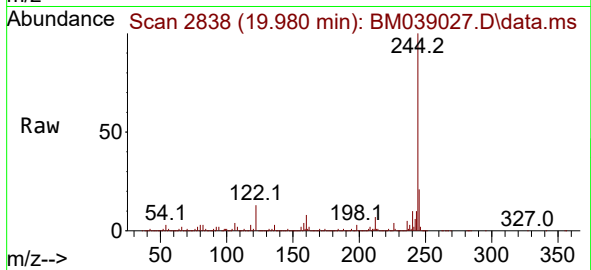
Tgt Ion:244 Resp: 7857830

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

122 13.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 45.348 ng

RT: 20.674 min Scan# 2956

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

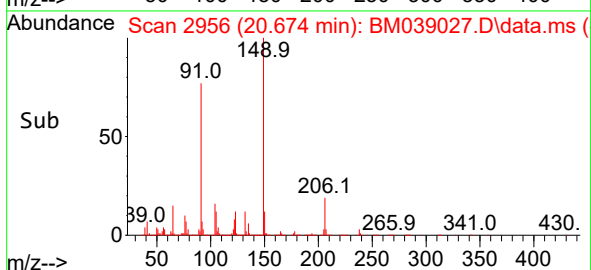
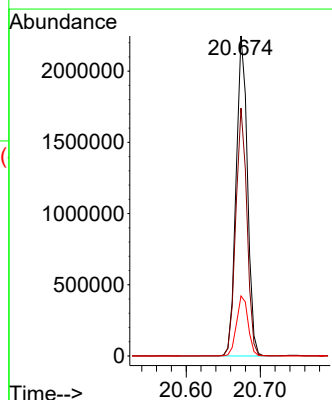
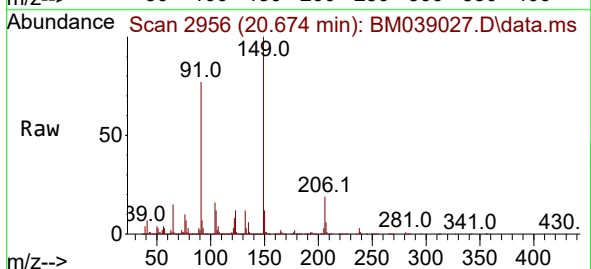
Tgt Ion:149 Resp: 2380389

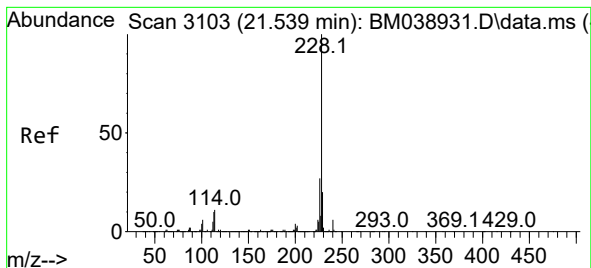
Ion Ratio Lower Upper

149 100

91 77.4 58.4 87.6

206 18.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.563 ng

RT: 21.527 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

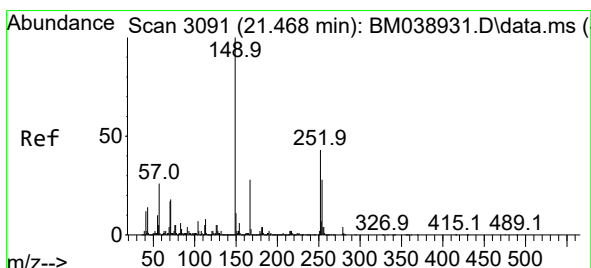
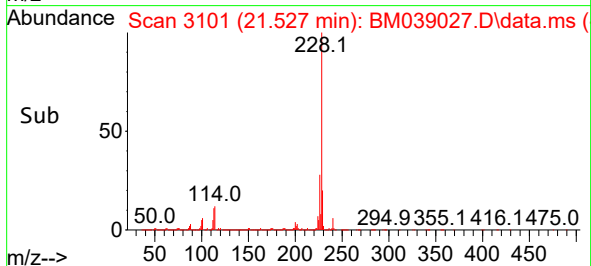
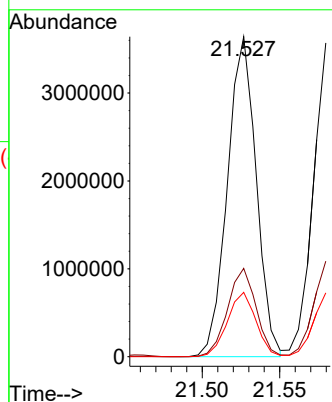
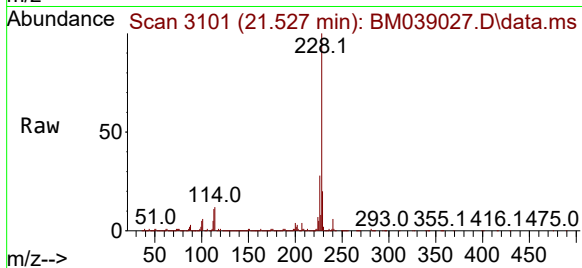
Tgt Ion:228 Resp: 4703329

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 41.763 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

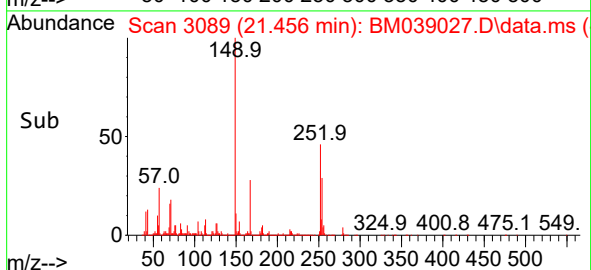
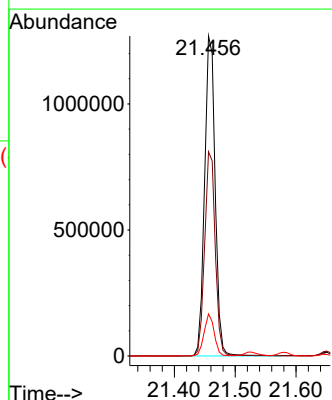
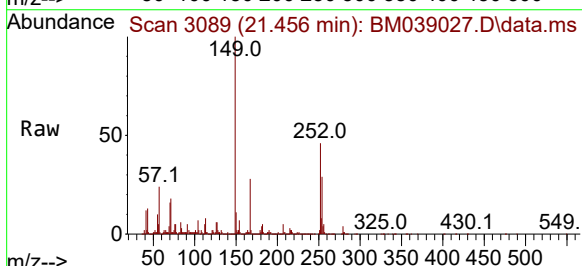
Tgt Ion:252 Resp: 1525878

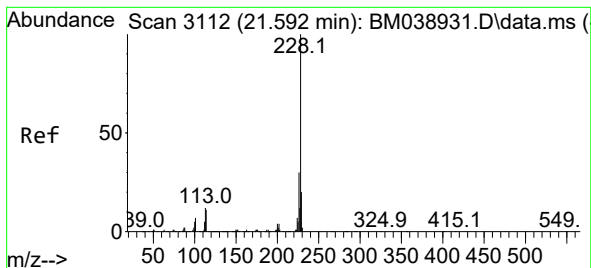
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 13.2 9.9 14.9





#83

Chrysene

Concen: 39.048 ng

RT: 21.580 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

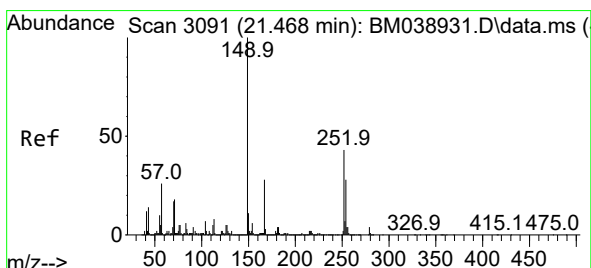
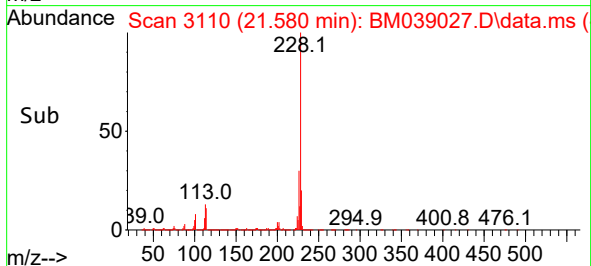
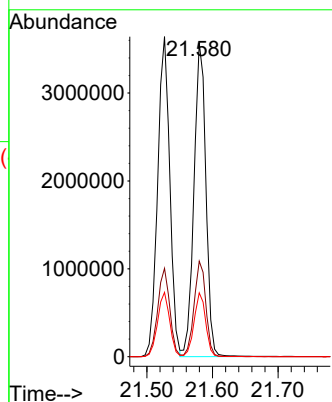
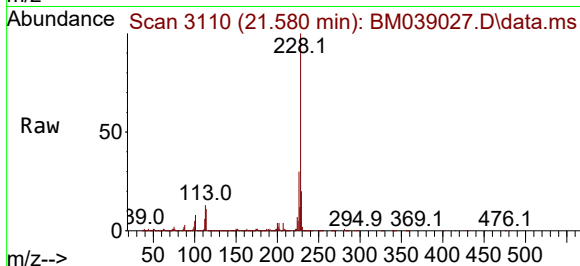
Tgt Ion:228 Resp: 4514854

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.831 ng

RT: 21.450 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

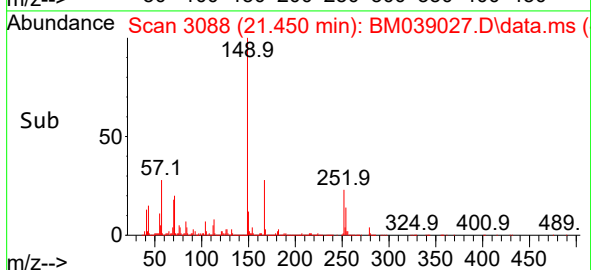
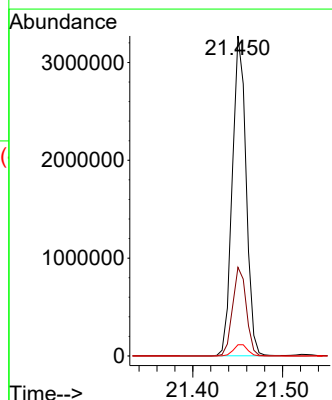
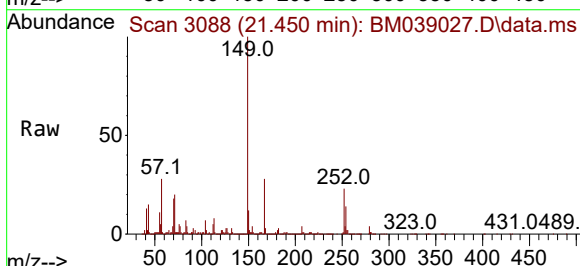
Tgt Ion:149 Resp: 3484479

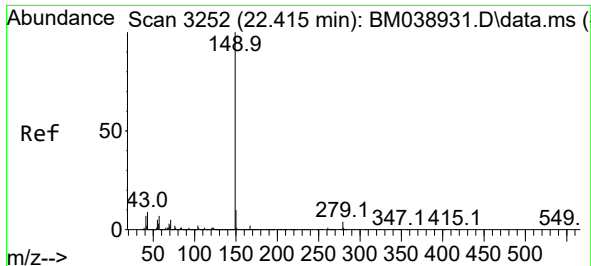
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 3.5 3.2 4.8

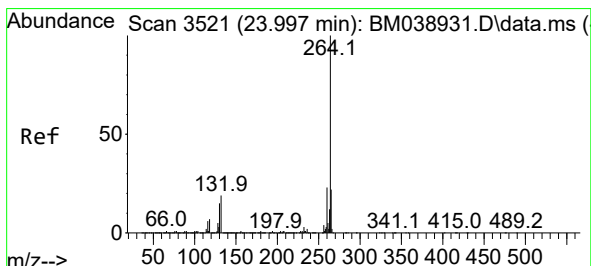
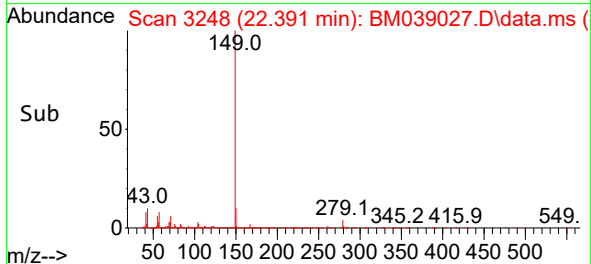
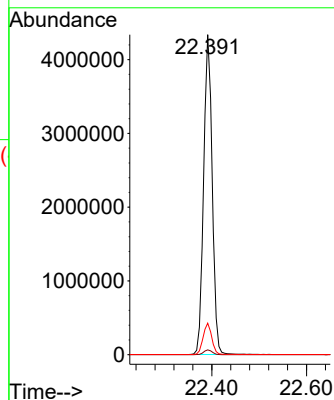
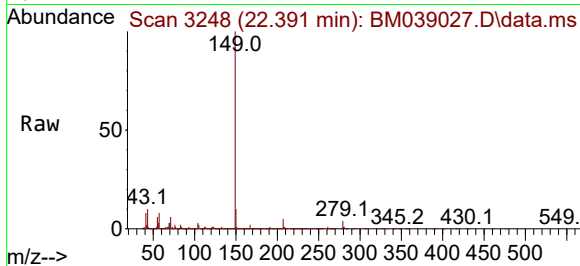




#85
Di-n-octyl phthalate
Concen: 43.230 ng
RT: 22.391 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

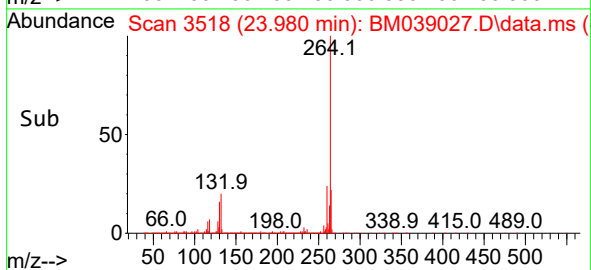
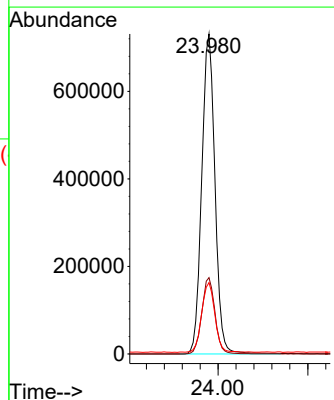
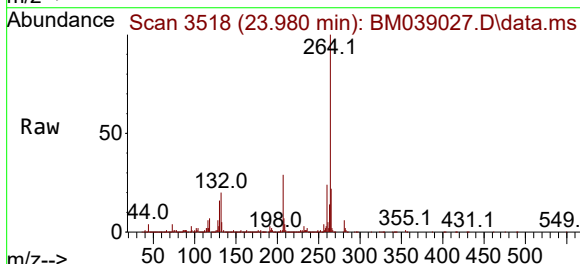
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

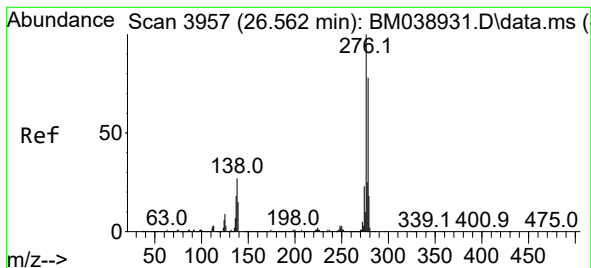
Tgt Ion:149 Resp: 5416712
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.980 min Scan# 3518
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:264 Resp: 1494746
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.736 ng

RT: 26.526 min Scan# 3392

Delta R.T. 0.006 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

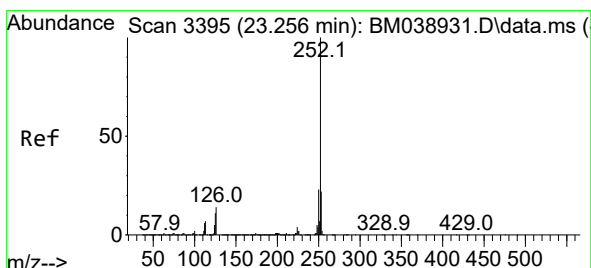
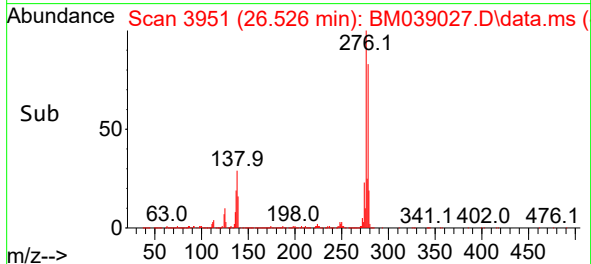
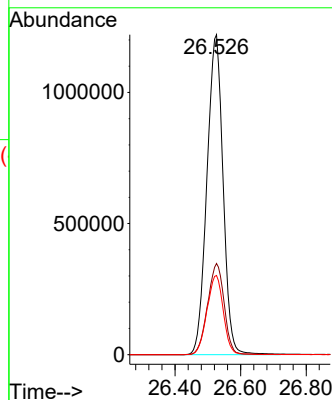
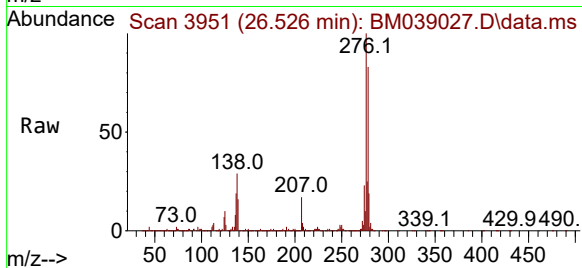
Tgt Ion:276 Resp: 4178371

Ion Ratio Lower Upper

276 100

138 29.3 22.1 33.1

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 41.844 ng

RT: 23.238 min Scan# 3392

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

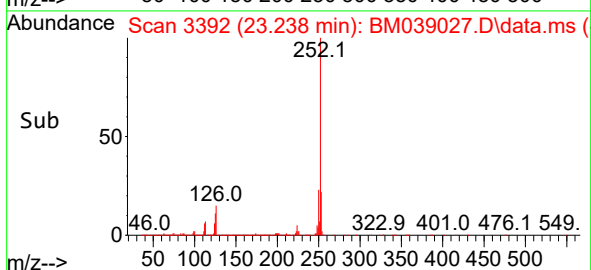
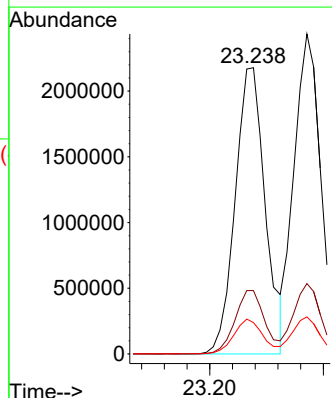
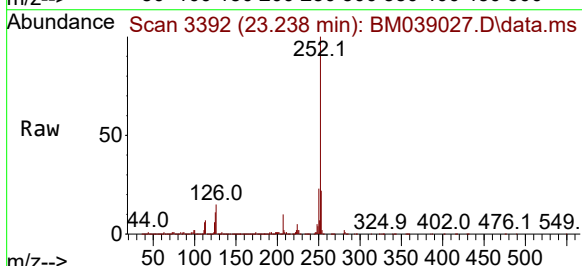
Tgt Ion:252 Resp: 3995816

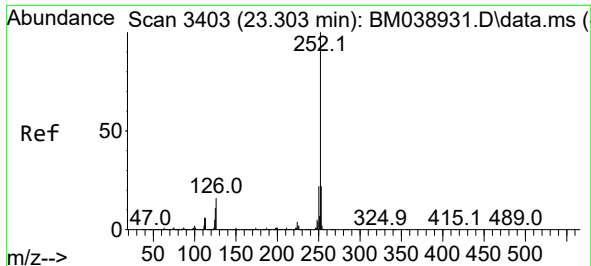
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.0 8.8 13.2

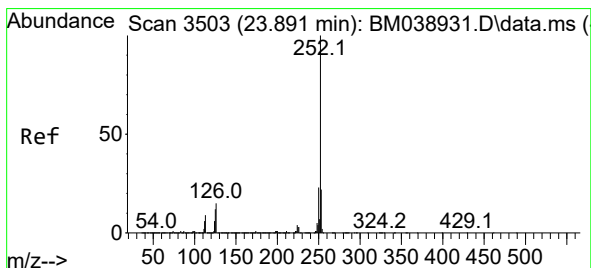
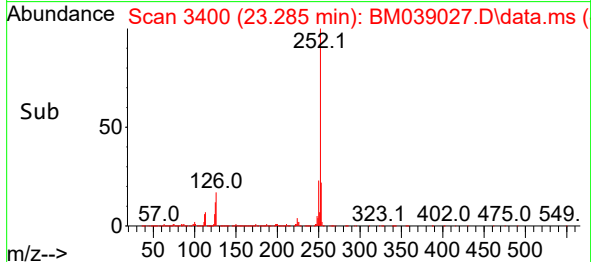
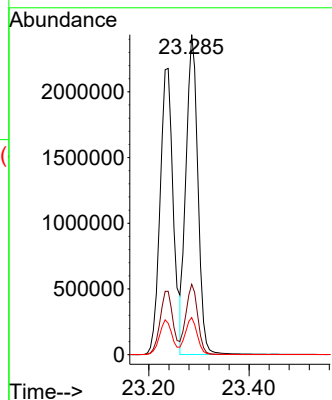
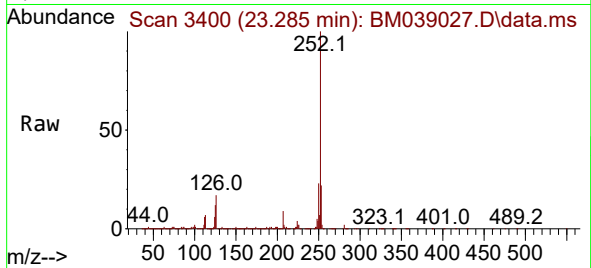




#89
Benzo(k)fluoranthene
Concen: 40.346 ng
RT: 23.285 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

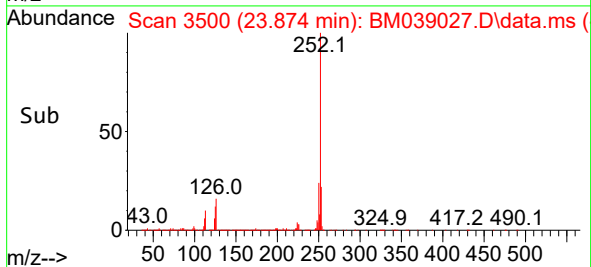
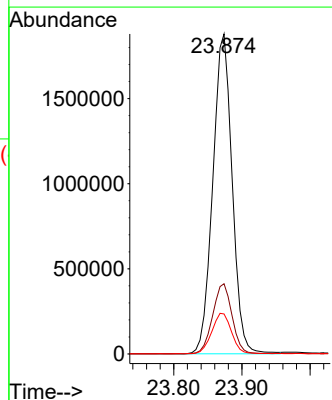
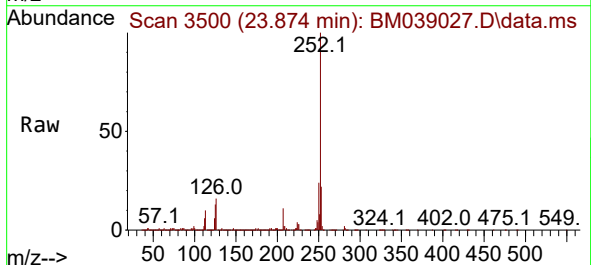
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

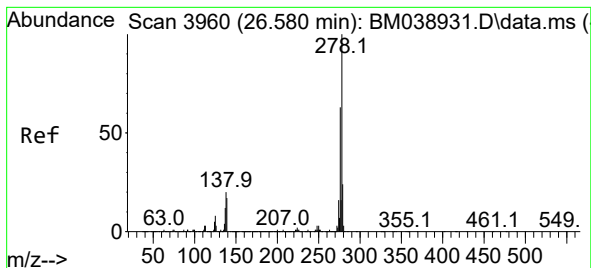
Tgt Ion:252 Resp: 4009586
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 40.409 ng
RT: 23.874 min Scan# 3500
Delta R.T. -0.000 min
Lab File: BM039027.D
Acq: 16 Mar 2023 22:00

Tgt Ion:252 Resp: 3713837
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 36.875 ng

RT: 26.538 min Scan# 3953

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

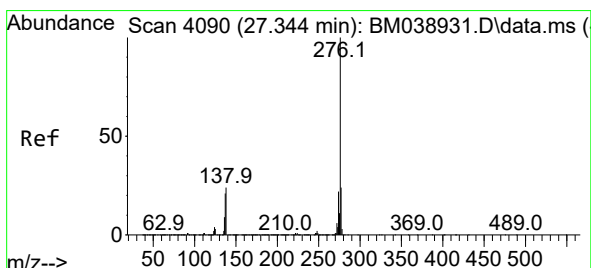
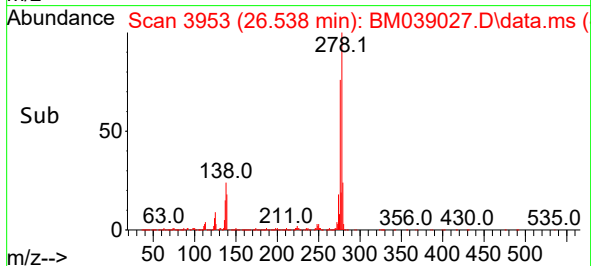
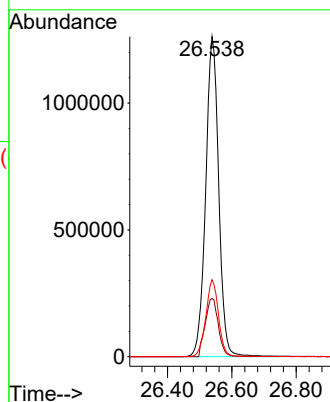
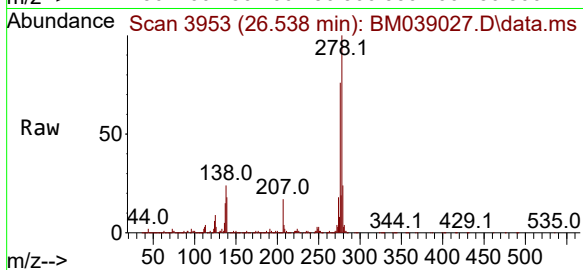
Tgt Ion:278 Resp: 3551929

Ion Ratio Lower Upper

278 100

139 18.2 13.7 20.5

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 35.430 ng

RT: 27.303 min Scan# 4083

Delta R.T. -0.000 min

Lab File: BM039027.D

Acq: 16 Mar 2023 22:00

Tgt Ion:276 Resp: 3338908

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 26.1 19.0 28.6

