

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039156.D
 Acq On : 27 Mar 2023 11:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 28 01:47:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	274766	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1081288	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	601697	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1186846	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1060689	20.000	ng	0.00
86) Perylene-d12	23.939	264	1207038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1464024	80.952	ng	0.00
7) Phenol-d6	7.110	99	1864332	79.364	ng	0.00
23) Nitrobenzene-d5	9.116	82	1804778	81.988	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	602135	86.505	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	3609820	78.100	ng	0.00
79) Terphenyl-d14	19.956	244	4650817	80.167	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	313696	38.989	ng	99
3) Pyridine	3.781	79	885537	39.686	ng	99
4) n-Nitrosodimethylamine	3.687	42	344286	37.917	ng	95
6) Aniline	7.269	93	1211828	39.289	ng	99
8) 2-Chlorophenol	7.510	128	781618	40.595	ng	97
9) Benzaldehyde	7.081	77	402762	36.030	ng	97
10) Phenol	7.140	94	984714	39.474	ng	97
11) bis(2-Chloroethyl)ether	7.369	93	790681	38.985	ng	100
12) 1,3-Dichlorobenzene	7.834	146	814130	39.788	ng	98
13) 1,4-Dichlorobenzene	7.981	146	826501	39.717	ng	100
14) 1,2-Dichlorobenzene	8.298	146	805036	40.161	ng	99
15) Benzyl Alcohol	8.193	79	686587	40.778	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.481	45	1032648	40.315	ng	99
17) 2-Methylphenol	8.393	107	709630	41.411	ng	99
18) Hexachloroethane	9.028	117	320167	41.699	ng	96
19) n-Nitroso-di-n-propyla...	8.763	70	636133	42.993	ng	97
20) 3+4-Methylphenols	8.722	107	957018	41.826	ng	97
22) Acetophenone	8.775	105	1193000	39.325	ng	# 99
24) Nitrobenzene	9.157	77	924500	39.958	ng	98
25) Isophorone	9.687	82	1688765	41.689	ng	100
26) 2-Nitrophenol	9.869	139	433375	42.769	ng	96
27) 2,4-Dimethylphenol	9.934	122	709665	40.207	ng	100
28) bis(2-Chloroethoxy)met...	10.169	93	1036585	39.826	ng	100
29) 2,4-Dichlorophenol	10.404	162	698751	41.757	ng	100
30) 1,2,4-Trichlorobenzene	10.622	180	733661	40.121	ng	99
31) Naphthalene	10.810	128	2414882	39.166	ng	100
32) Benzoic acid	10.075	122	558890	43.735	ng	97
33) 4-Chloroaniline	10.922	127	1065147	40.536	ng	99
34) Hexachlorobutadiene	11.092	225	428965	40.907	ng	98
35) Caprolactam	11.722	113	223414	43.866	ng	96
36) 4-Chloro-3-methylphenol	12.045	107	735987	41.303	ng	99
37) 2-Methylnaphthalene	12.416	142	1626724	39.364	ng	99
38) 1-Methylnaphthalene	12.639	142	1517732	39.190	ng	100
40) 1,2,4,5-Tetrachloroben...	12.786	216	760598	38.884	ng	99
41) Hexachlorocyclopentadiene	12.763	237	365808	34.069	ng	99
43) 2,4,6-Trichlorophenol	13.028	196	526654	41.578	ng	98

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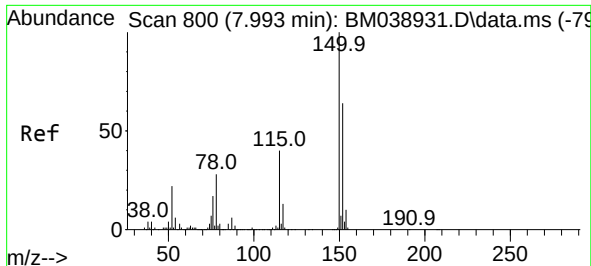
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	619965	41.815	ng	97
46) 1,1'-Biphenyl	13.427	154	1996080	39.159	ng	100
47) 2-Chloronaphthalene	13.469	162	1517464	39.478	ng	99
48) 2-Nitroaniline	13.675	65	501274	41.067	ng	95
49) Acenaphthylene	14.310	152	2457760	40.142	ng	99
50) Dimethylphthalate	14.051	163	1883536	40.681	ng	99
51) 2,6-Dinitrotoluene	14.169	165	417500	40.995	ng	98
52) Acenaphthene	14.657	154	1463704	38.900	ng	99
53) 3-Nitroaniline	14.498	138	484440	40.720	ng	94
54) 2,4-Dinitrophenol	14.704	184	253933	45.538	ng	96
55) Dibenzofuran	14.986	168	2309374	39.221	ng	100
56) 4-Nitrophenol	14.810	139	382057	41.549	ng	96
57) 2,4-Dinitrotoluene	14.957	165	558337	41.717	ng	98
58) Fluorene	15.639	166	1838531	39.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.216	232	480127	41.990	ng	98
60) Diethylphthalate	15.410	149	1907581	42.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.627	204	915256	40.392	ng	100
62) 4-Nitroaniline	15.663	138	493183	40.753	ng	96
63) Azobenzene	15.921	77	1954868	41.010	ng	98
65) 4,6-Dinitro-2-methylph...	15.716	198	336804	43.693	ng	99
66) n-Nitrosodiphenylamine	15.845	169	1603728	40.082	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	537461	41.926	ng	98
68) Hexachlorobenzene	16.639	284	575513	40.160	ng	99
69) Atrazine	16.798	200	481381	44.047	ng	99
70) Pentachlorophenol	16.986	266	434408	41.214	ng	99
71) Phenanthrene	17.380	178	2693525	38.668	ng	100
72) Anthracene	17.468	178	2813163	40.497	ng	99
73) Carbazole	17.739	167	2584855	40.772	ng	100
74) Di-n-butylphthalate	18.304	149	3241849	42.152	ng	99
75) Fluoranthene	19.392	202	2999112	40.778	ng	99
77) Benzidine	19.580	184	893050	38.061	ng	98
78) Pyrene	19.756	202	3158648	39.648	ng	100
80) Butylbenzylphthalate	20.645	149	1476457	43.891	ng	99
81) Benzo(a)anthracene	21.498	228	3132141	41.004	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	1077854	45.913	ng	100
83) Chrysene	21.550	228	2963579	39.891	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	2180348	44.697	ng	99
85) Di-n-octyl phthalate	22.356	149	3791998	46.761	ng	99
87) Indeno(1,2,3-cd)pyrene	26.468	276	3775734	41.109	ng	100
88) Benzo(b)fluoranthene	23.197	252	3024886	39.226	ng	99
89) Benzo(k)fluoranthene	23.250	252	3132888	39.038	ng	99
90) Benzo(a)pyrene	23.833	252	3030697	40.836	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	3162542	40.659	ng	99
92) Benzo(g,h,i)perylene	27.244	276	3116296	40.950	ng	99

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

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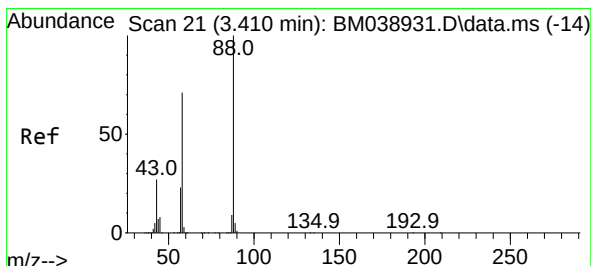
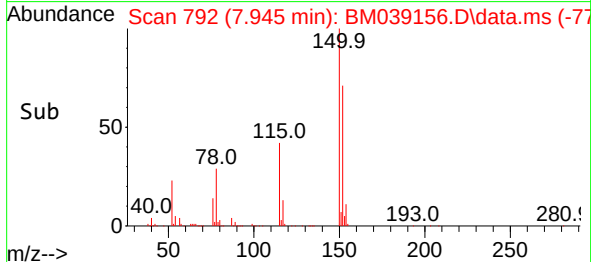
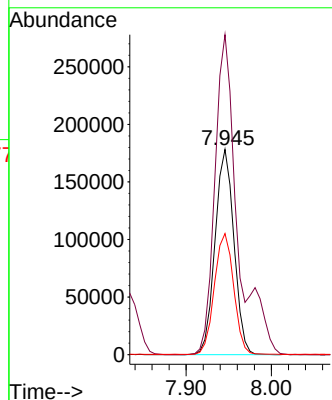
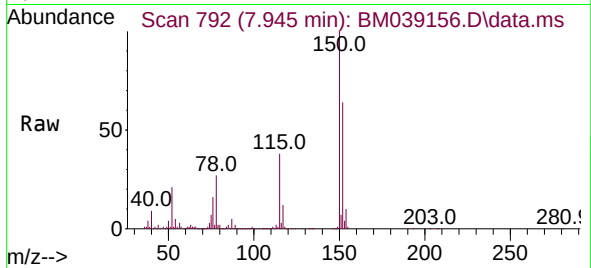




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.945 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM039156.D
 Acq: 27 Mar 2023 11:39

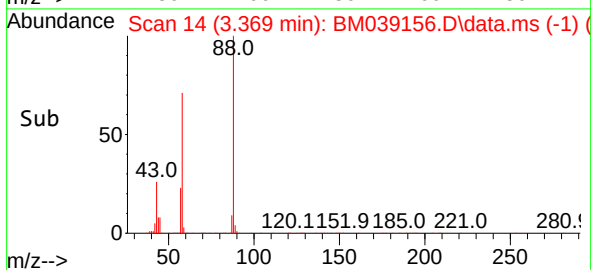
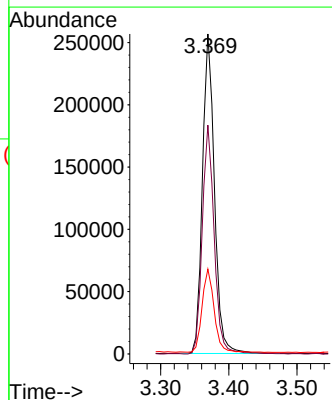
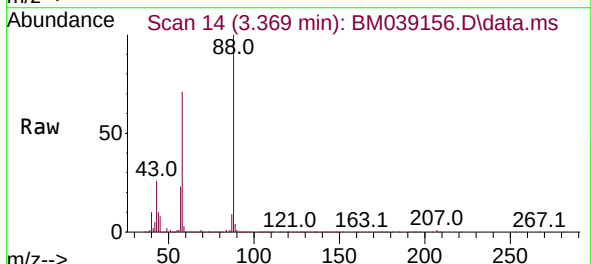
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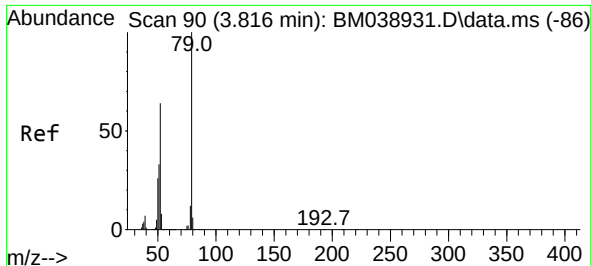
Tgt Ion:152 Resp: 274766
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.1 187.7
 115 59.0 49.6 74.4



#2
 1,4-Dioxane
 Concen: 38.989 ng
 RT: 3.369 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BM039156.D
 Acq: 27 Mar 2023 11:39

Tgt Ion: 88 Resp: 313696
 Ion Ratio Lower Upper
 88 100
 58 71.4 57.2 85.8
 43 26.3 22.0 33.0

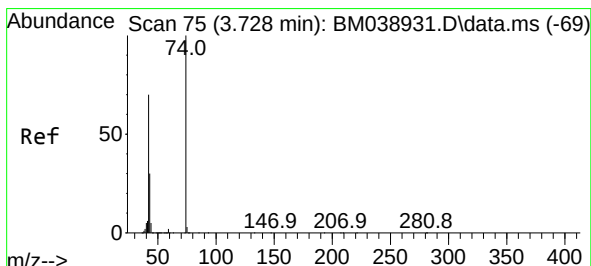
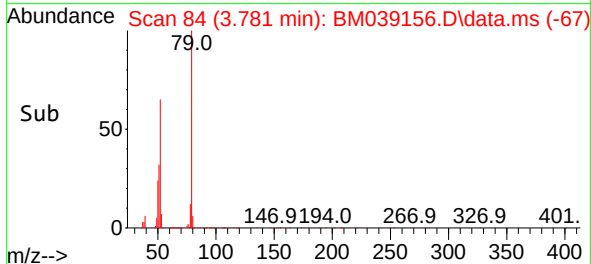
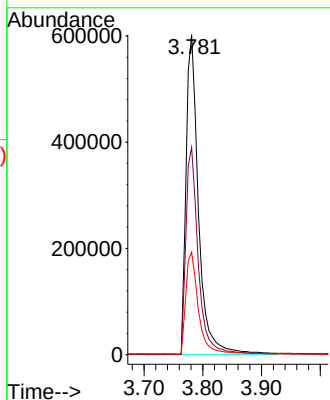
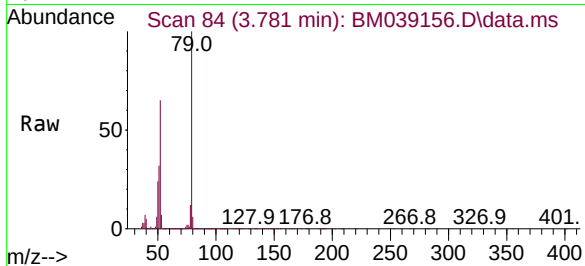




#3
Pyridine
Concen: 39.686 ng
RT: 3.781 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

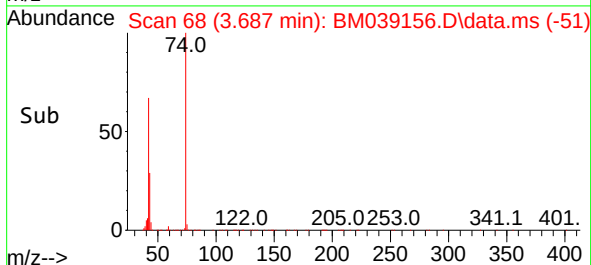
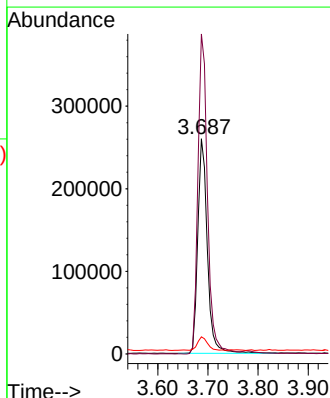
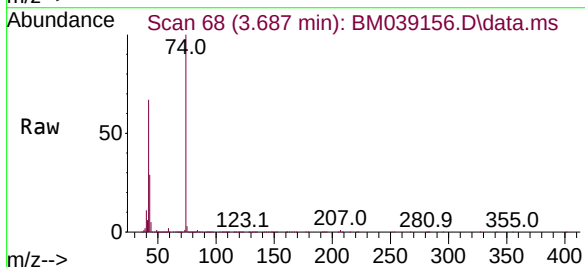
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ClientSampleId :
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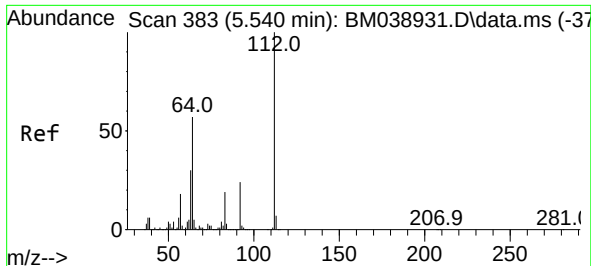
Tgt Ion: 79 Resp: 885537
Ion Ratio Lower Upper
79 100
52 64.7 51.4 77.2
51 32.0 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 37.917 ng
RT: 3.687 min Scan# 68
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 42 Resp: 344286
Ion Ratio Lower Upper
42 100
74 148.7 113.8 170.8
44 7.9 6.2 9.2

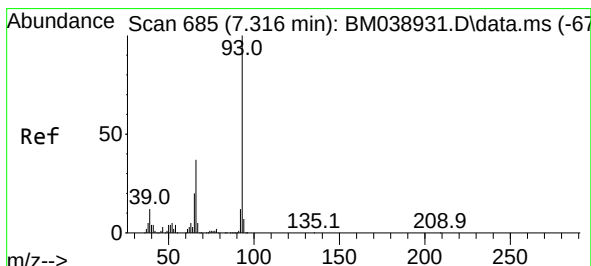
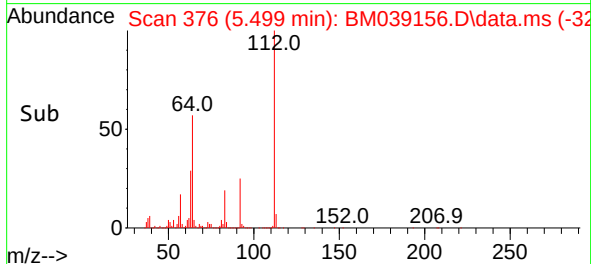
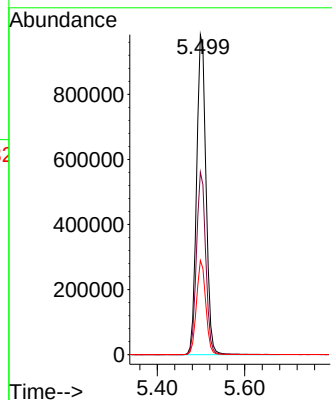
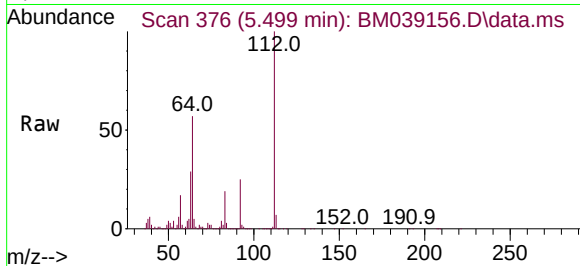




#5
2-Fluorophenol
Concen: 80.952 ng
RT: 5.499 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

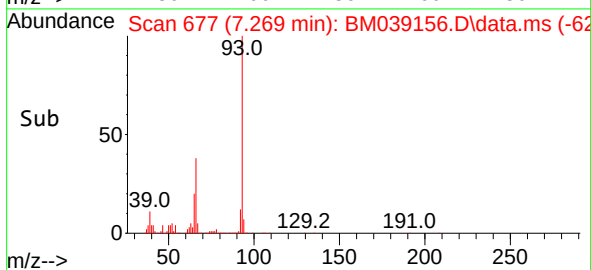
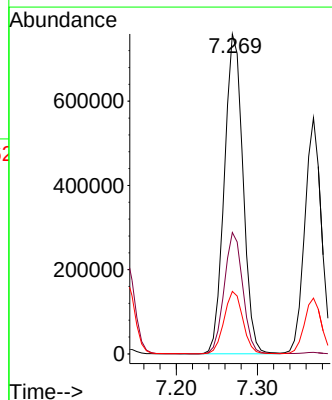
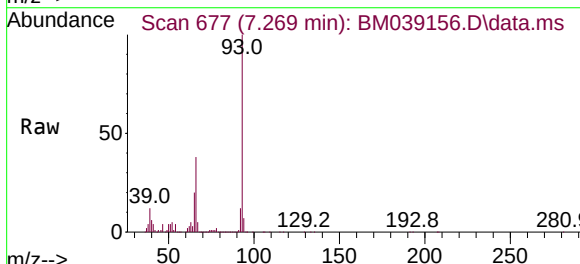
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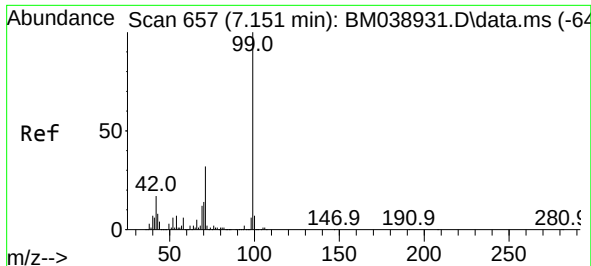
Tgt Ion:112 Resp: 1464024
Ion Ratio Lower Upper
112 100
64 57.0 45.9 68.9
63 29.4 23.8 35.8



#6
Aniline
Concen: 39.289 ng
RT: 7.269 min Scan# 677
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 93 Resp: 1211828
Ion Ratio Lower Upper
93 100
66 37.9 30.0 45.0
65 19.5 15.8 23.6

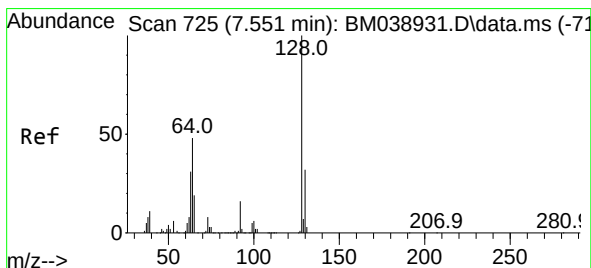
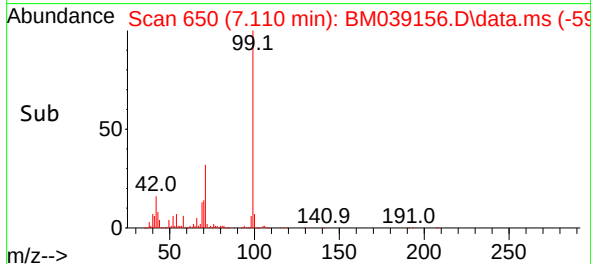
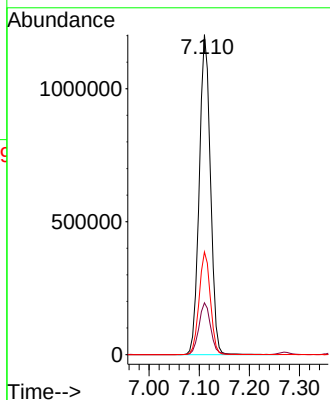
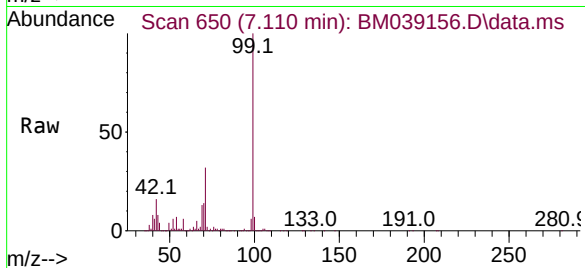




#7
Phenol-d6
Concen: 79.364 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039156.D
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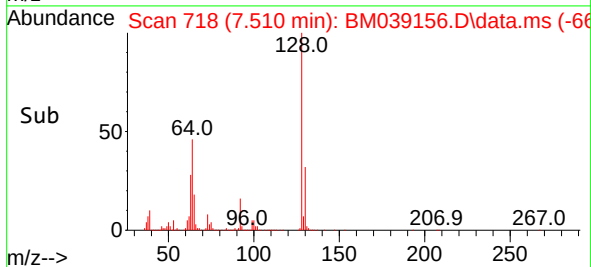
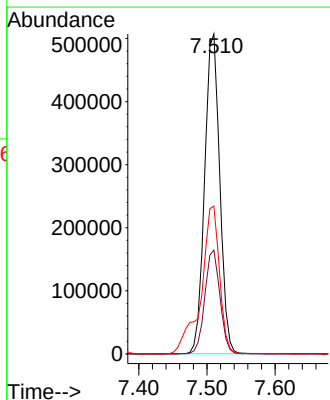
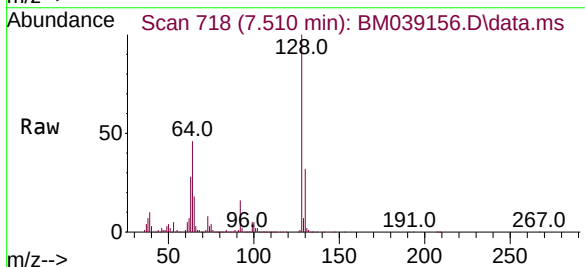
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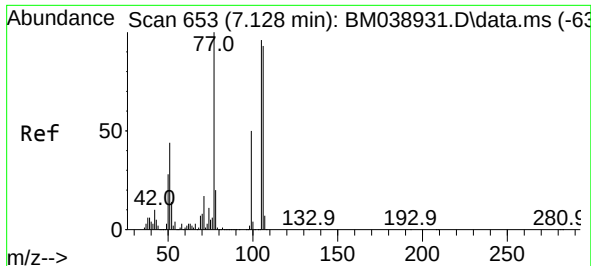
Tgt Ion: 99 Resp: 1864332
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 32.1 25.6 38.4



#8
2-Chlorophenol
Concen: 40.595 ng
RT: 7.510 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 128 Resp: 781618
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 46.2 28.6 68.6

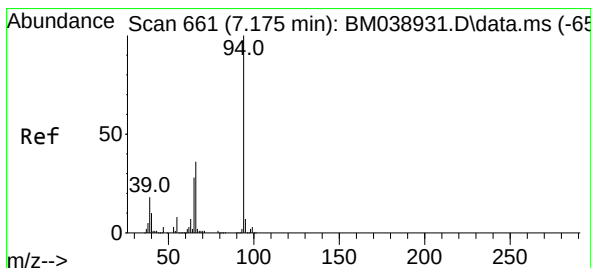
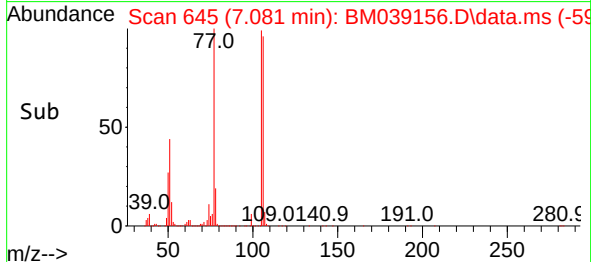
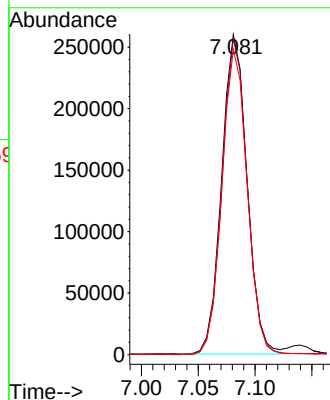
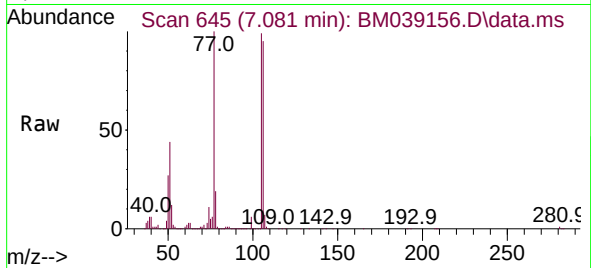




#9
Benzaldehyde
Concen: 36.030 ng
RT: 7.081 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

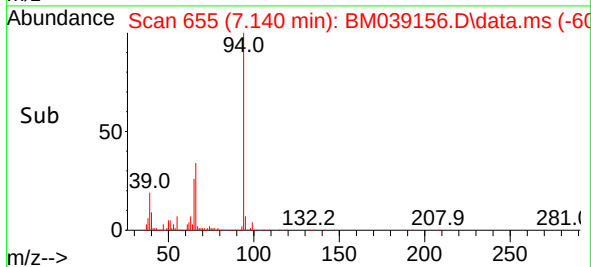
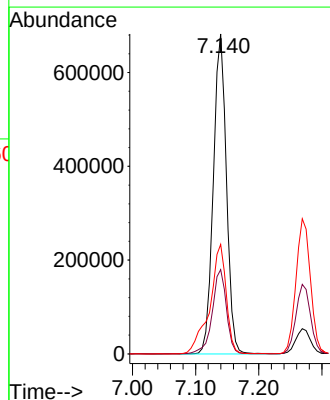
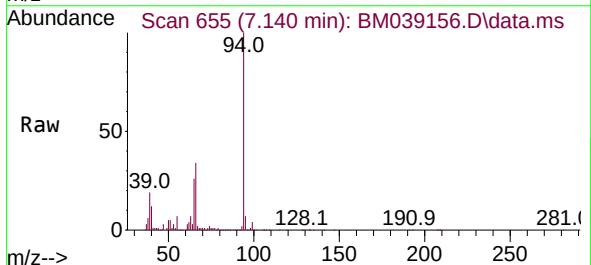
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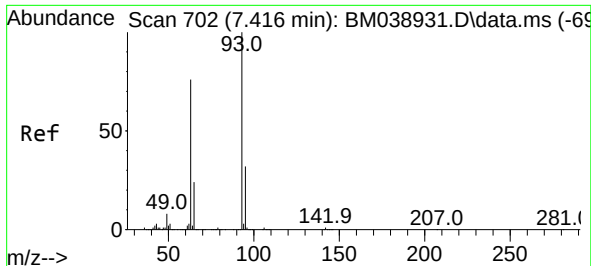
Tgt Ion: 77 Resp: 402762
Ion Ratio Lower Upper
77 100
105 98.7 75.8 115.8
106 95.5 72.6 112.6



#10
Phenol
Concen: 39.474 ng
RT: 7.140 min Scan# 655
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 984714
Ion Ratio Lower Upper
94 100
65 26.3 7.9 47.9
66 34.2 15.8 55.8

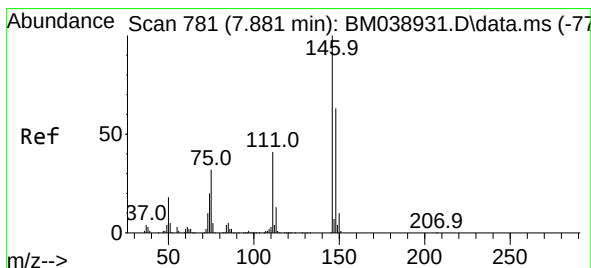
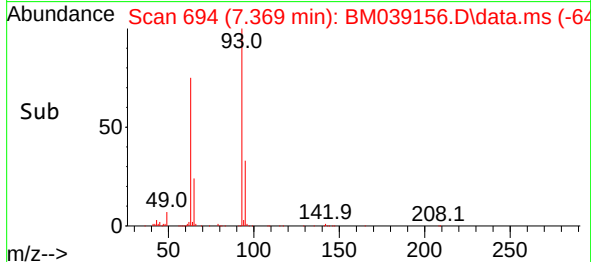
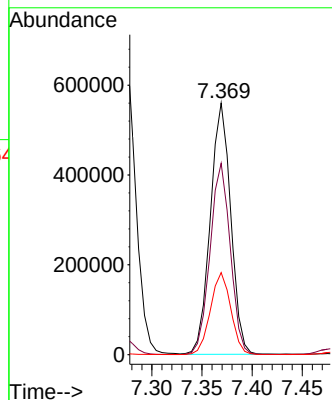
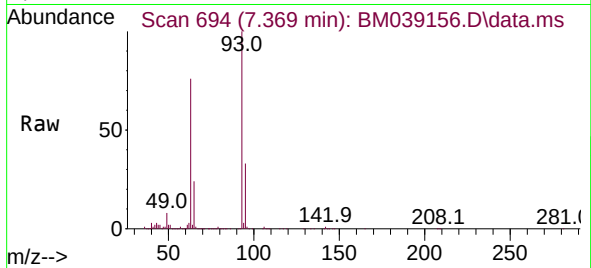




#11
bis(2-Chloroethyl)ether
Concen: 38.985 ng
RT: 7.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

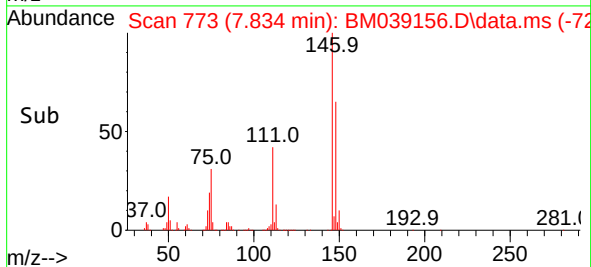
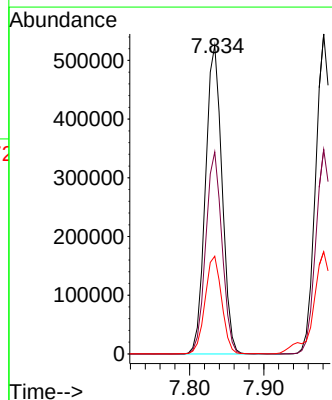
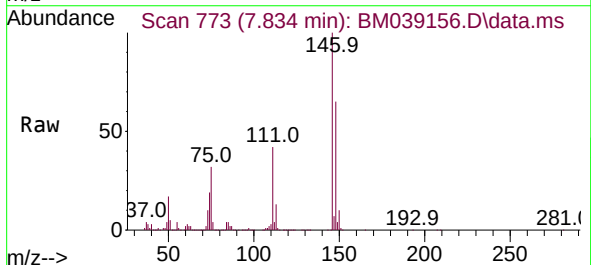
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

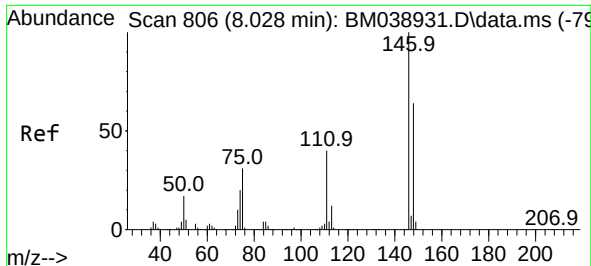
Tgt Ion: 93 Resp: 790681
Ion Ratio Lower Upper
93 100
63 76.0 55.8 95.8
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.788 ng
RT: 7.834 min Scan# 773
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 146 Resp: 814130
Ion Ratio Lower Upper
146 100
148 65.5 50.6 75.8
75 31.7 26.0 39.0

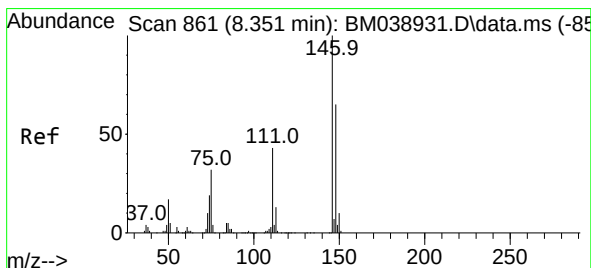
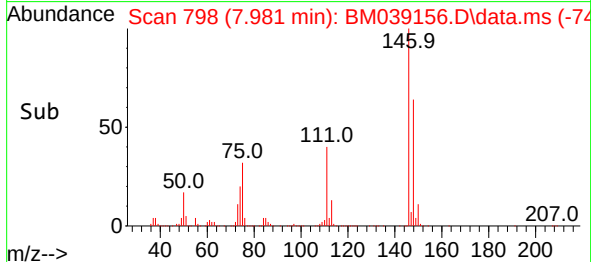
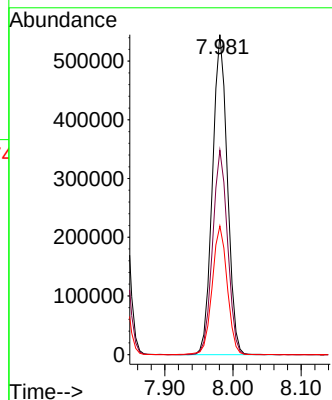
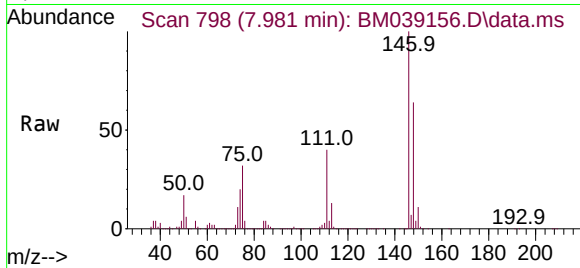




#13
1,4-Dichlorobenzene
Concen: 39.717 ng
RT: 7.981 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

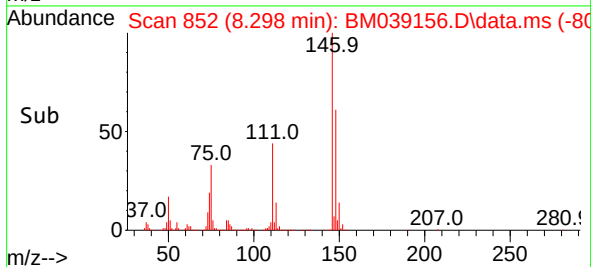
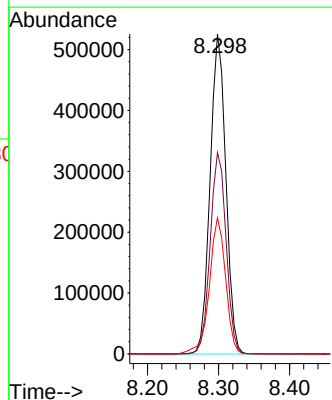
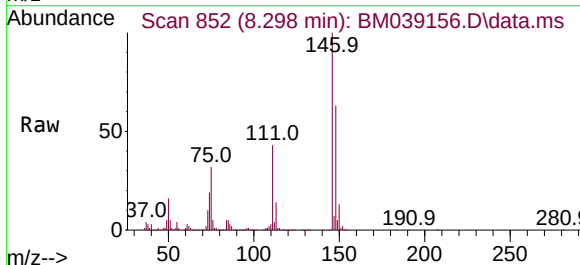
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

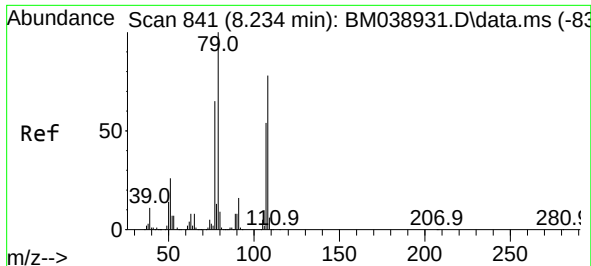
Tgt Ion:146 Resp: 826501
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 40.2 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 40.161 ng
RT: 8.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:146 Resp: 805036
Ion Ratio Lower Upper
146 100
148 62.9 51.7 77.5
111 42.6 34.2 51.4

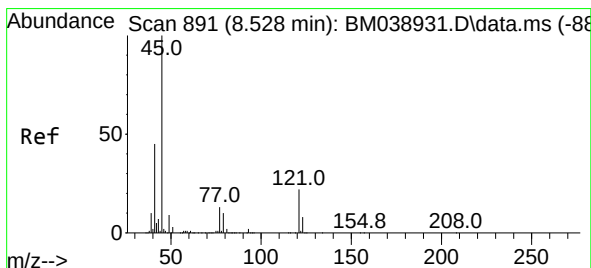
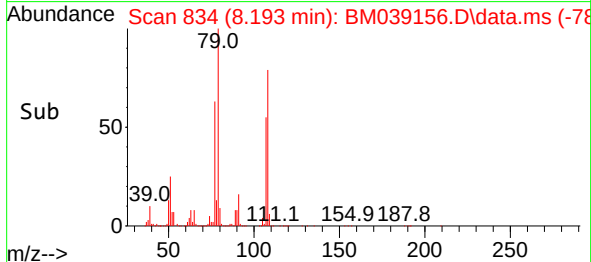
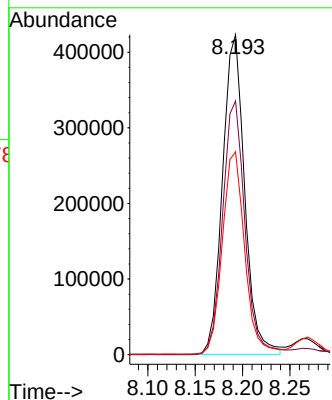
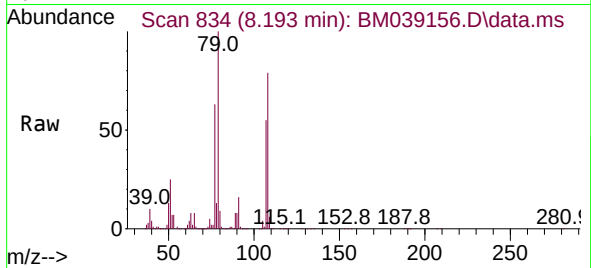




#15
Benzyl Alcohol
Concen: 40.778 ng
RT: 8.193 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

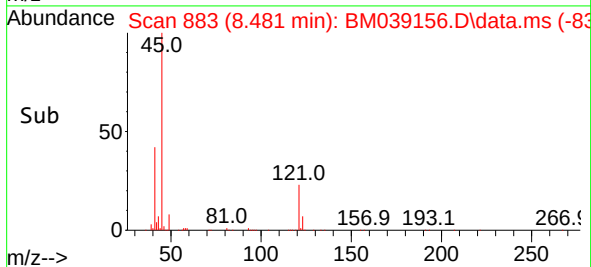
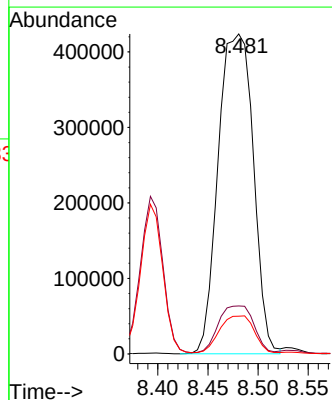
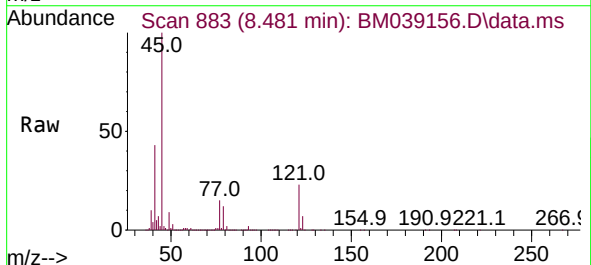
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

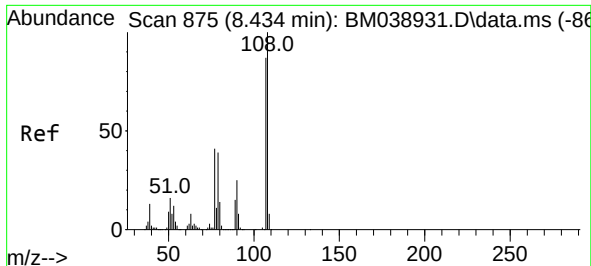
Tgt Ion: 79 Resp: 686587
Ion Ratio Lower Upper
79 100
108 79.3 62.4 93.6
77 63.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.315 ng
RT: 8.481 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 45 Resp: 1032648
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.8
79 11.8 0.0 31.5

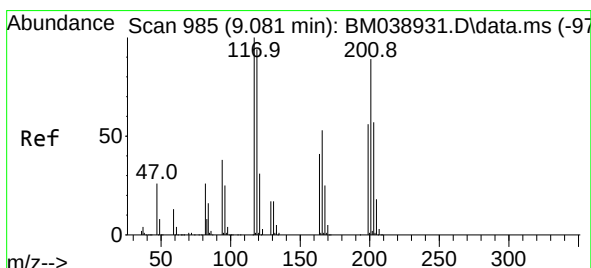
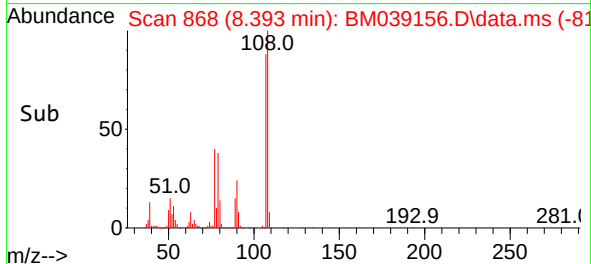
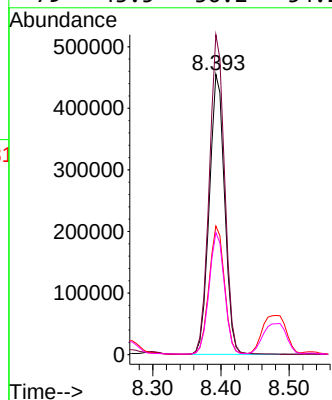
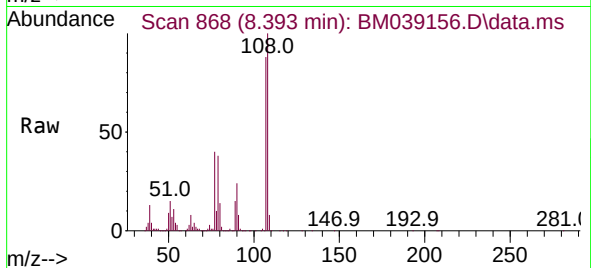




#17
2-Methylphenol
Concen: 41.411 ng
RT: 8.393 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

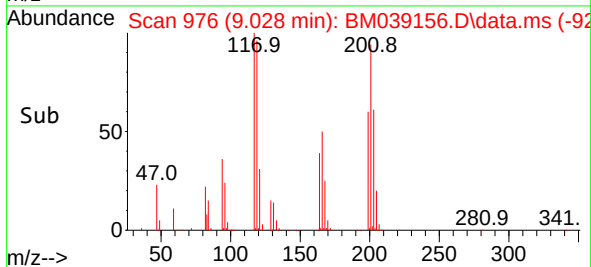
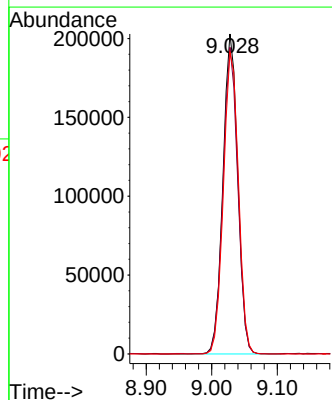
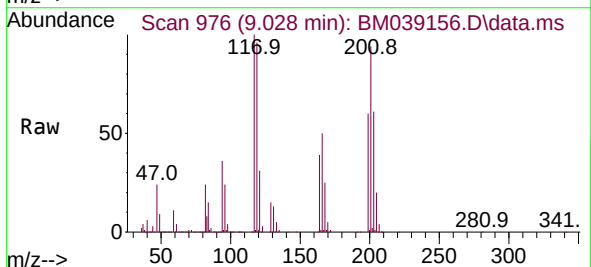
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

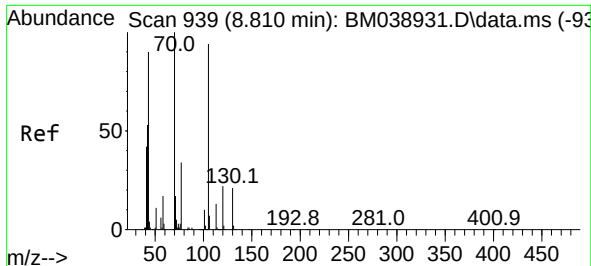
Tgt Ion:	107	Resp:	709630
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.7	137.5
77	45.9	37.4	56.2
79	43.5	36.2	54.2



#18
Hexachloroethane
Concen: 41.699 ng
RT: 9.028 min Scan# 976
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:	117	Resp:	320167
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
201	94.2	71.3	106.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.993 ng

RT: 8.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 636133

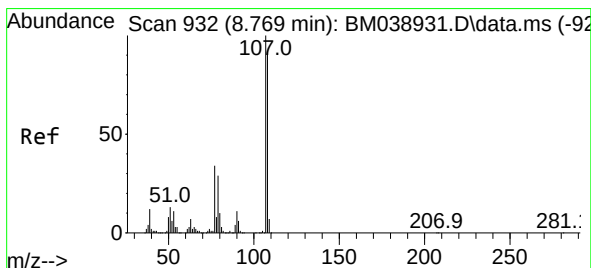
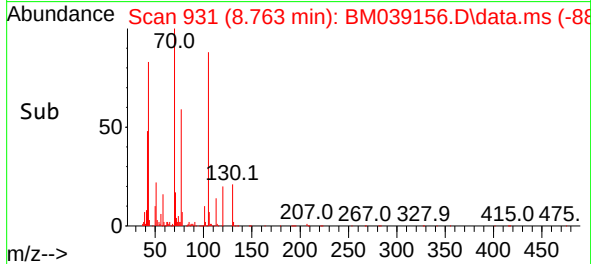
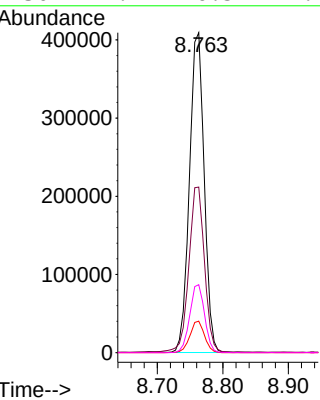
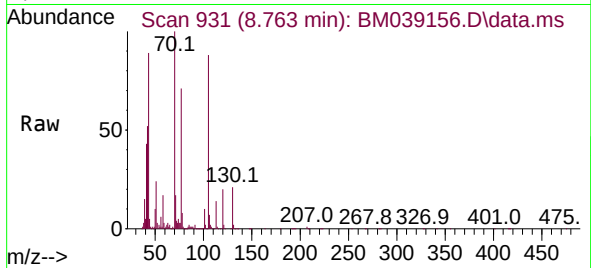
Ion Ratio Lower Upper

70 100

42 51.7 43.4 65.2

101 9.8 7.6 11.4

130 21.2 16.5 24.7



#20

3+4-Methylphenols

Concen: 41.826 ng

RT: 8.722 min Scan# 924

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Tgt Ion: 107 Resp: 957018

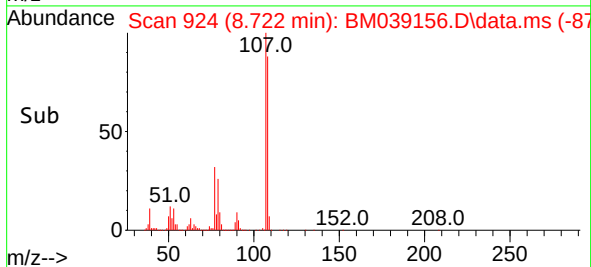
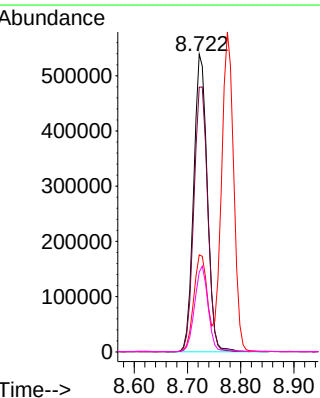
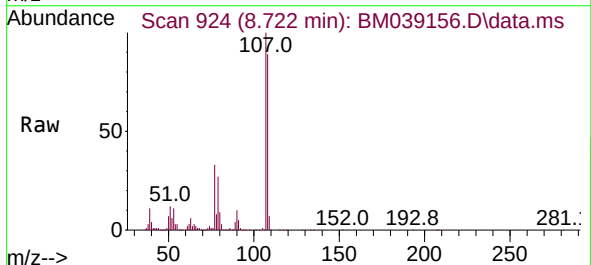
Ion Ratio Lower Upper

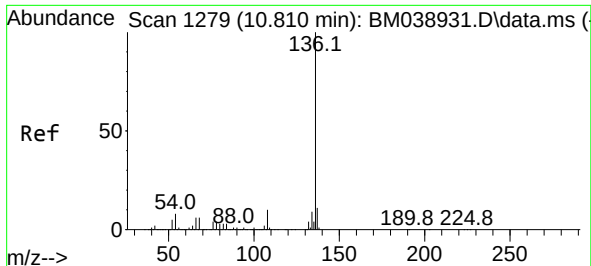
107 100

108 88.9 71.8 111.8

77 32.6 13.6 53.6

79 26.8 9.2 49.2

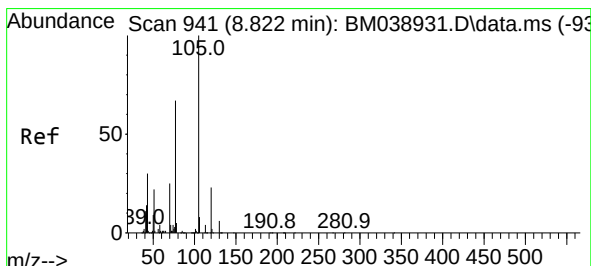
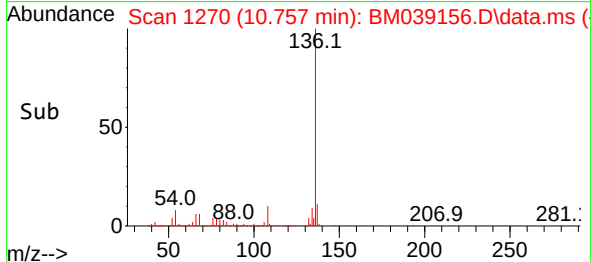
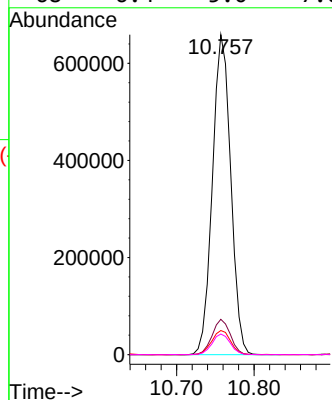
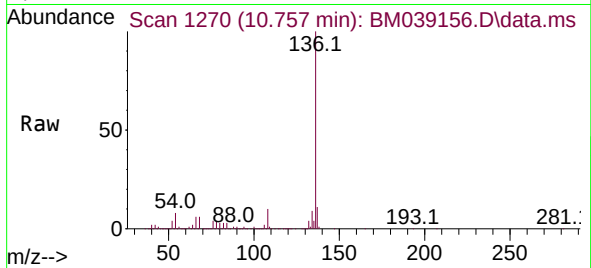




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

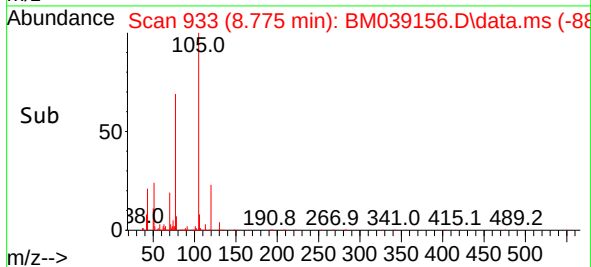
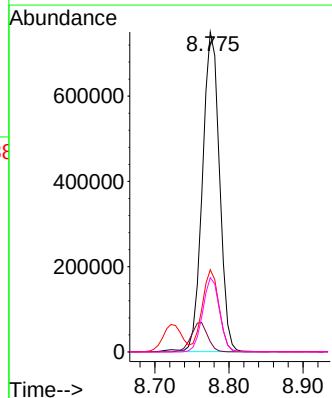
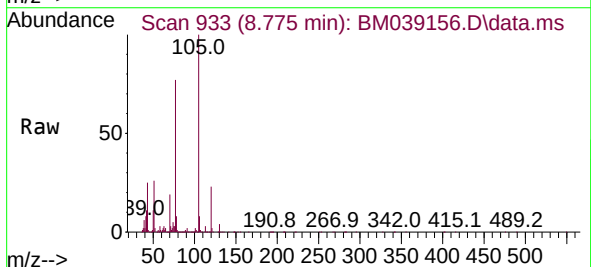
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

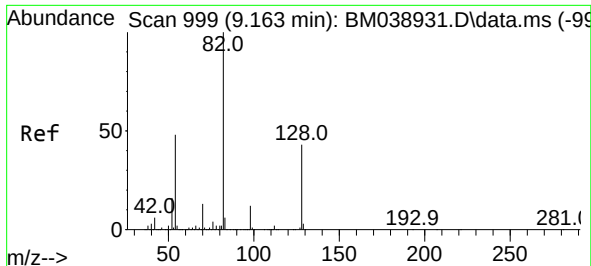
Tgt Ion:136 Resp: 1081288
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.5 6.3 9.5
68 6.4 5.0 7.6



#22
Acetophenone
Concen: 39.325 ng
RT: 8.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:105 Resp: 1193000
Ion Ratio Lower Upper
105 100
71 3.2 3.4 5.0#
51 25.7 21.0 31.4
120 23.2 18.1 27.1

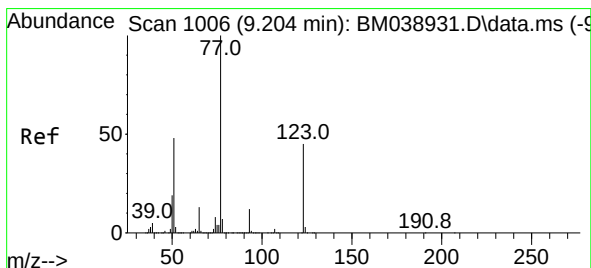
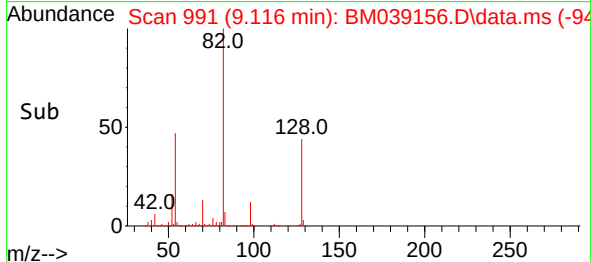
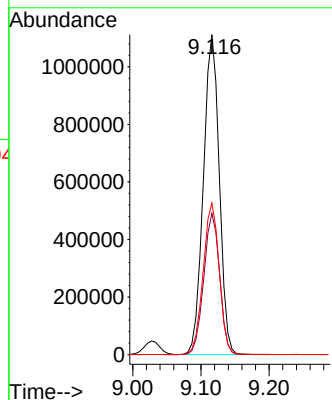
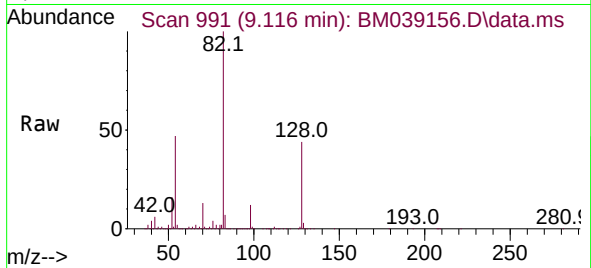




#23
Nitrobenzene-d5
Concen: 81.988 ng
RT: 9.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

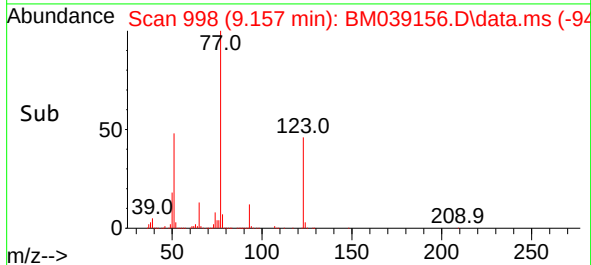
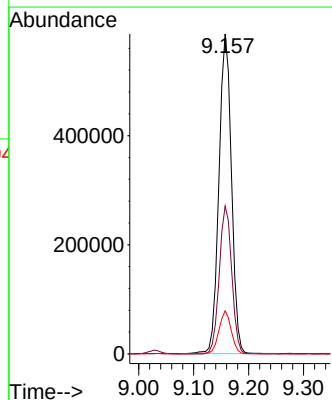
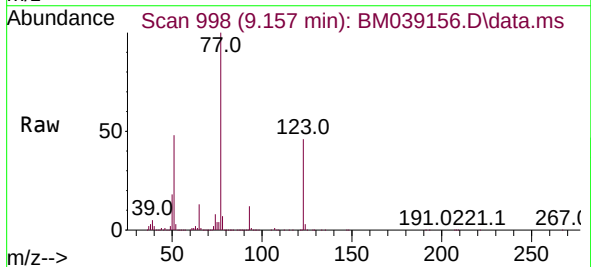
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

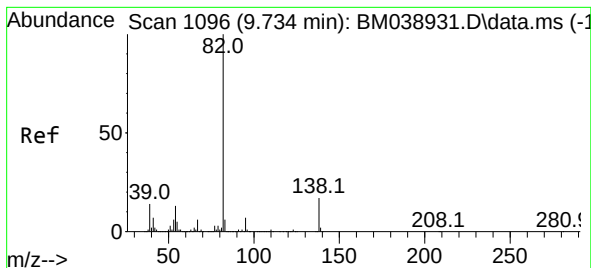
Tgt Ion: 82 Resp: 1804778
Ion Ratio Lower Upper
82 100
128 44.1 34.4 51.6
54 47.4 38.8 58.2



#24
Nitrobenzene
Concen: 39.958 ng
RT: 9.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 77 Resp: 924500
Ion Ratio Lower Upper
77 100
123 46.2 35.8 53.6
65 13.5 10.2 15.4





#25

Isophorone

Concen: 41.689 ng

RT: 9.687 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

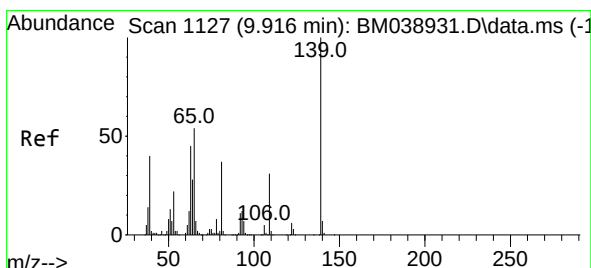
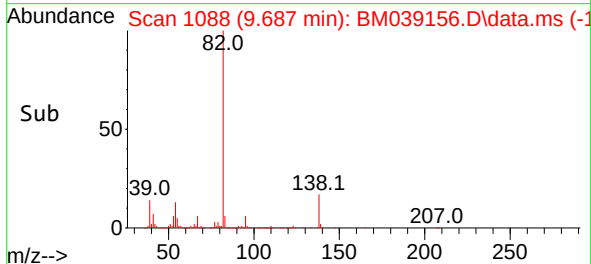
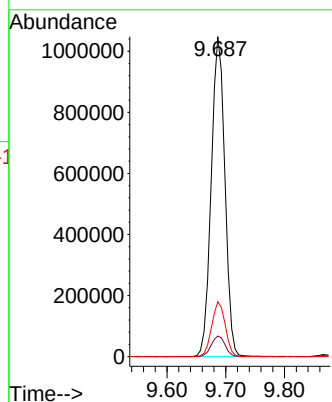
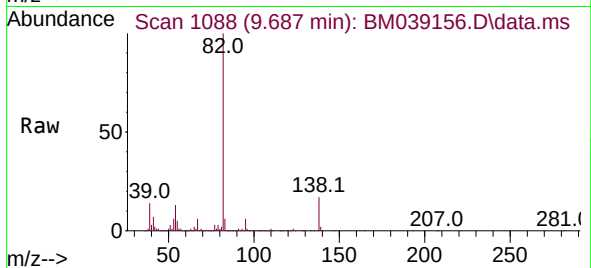
Tgt Ion: 82 Resp: 1688765

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.2 13.6 20.4



#26

2-Nitrophenol

Concen: 42.769 ng

RT: 9.869 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

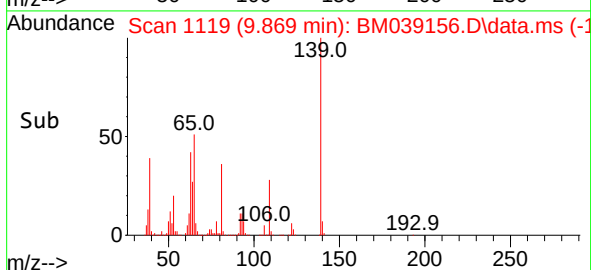
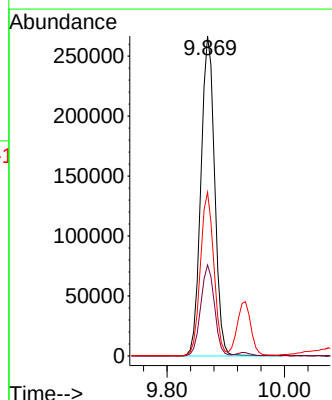
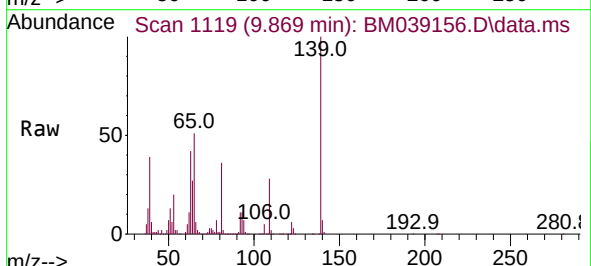
Tgt Ion:139 Resp: 433375

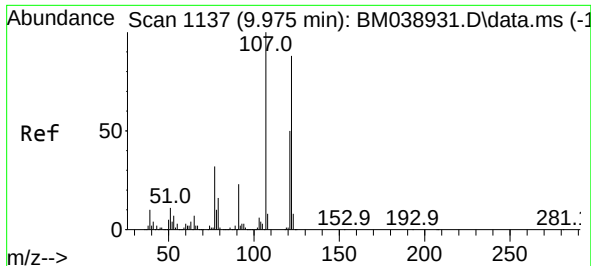
Ion Ratio Lower Upper

139 100

109 28.4 24.5 36.7

65 51.1 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 40.207 ng

RT: 9.934 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

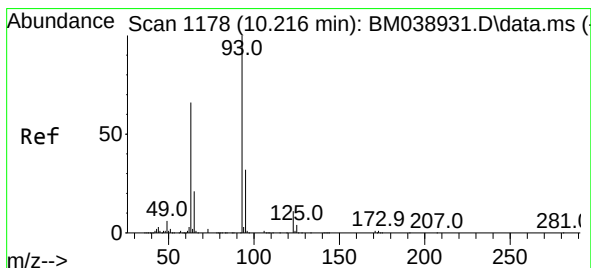
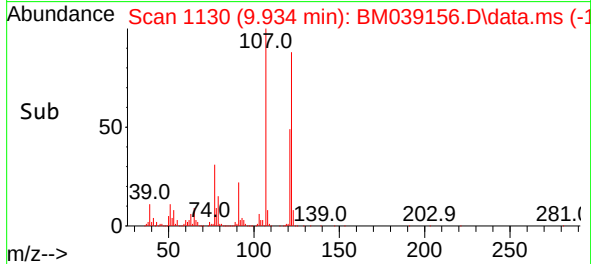
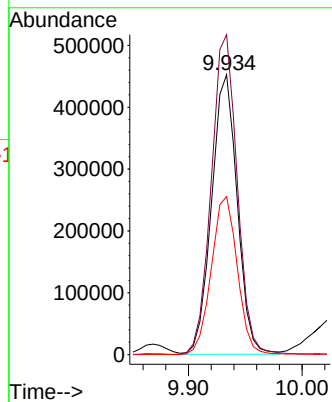
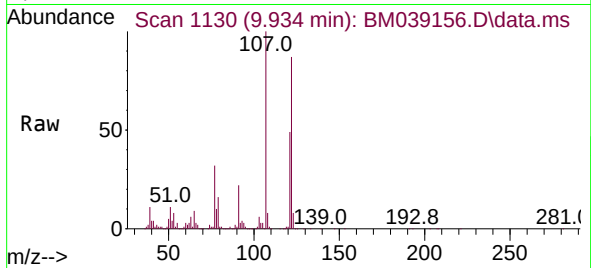
Tgt Ion:122 Resp: 709665

Ion Ratio Lower Upper

122 100

107 114.3 91.0 136.4

121 56.4 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 39.826 ng

RT: 10.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

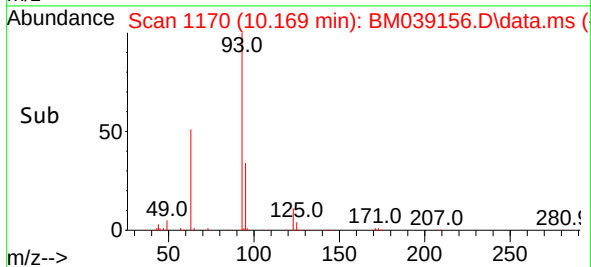
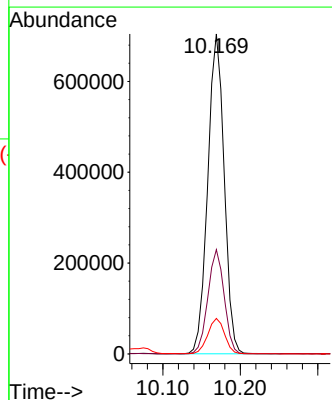
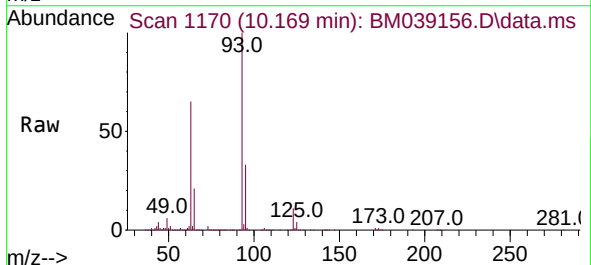
Tgt Ion: 93 Resp: 1036585

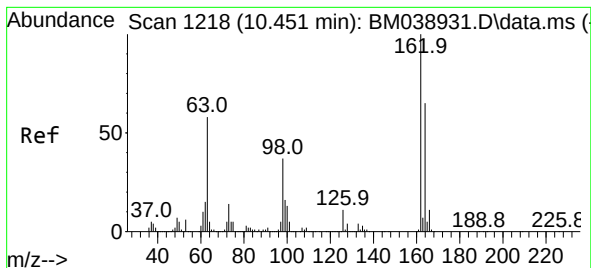
Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 11.1 8.8 13.2

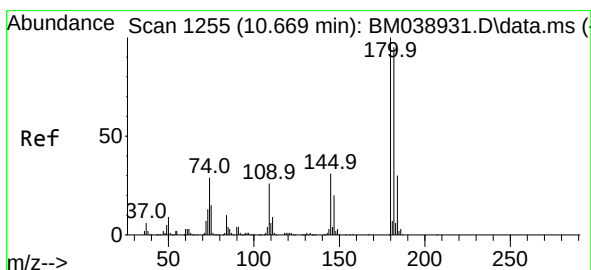
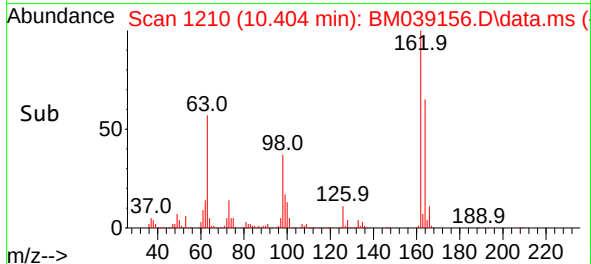
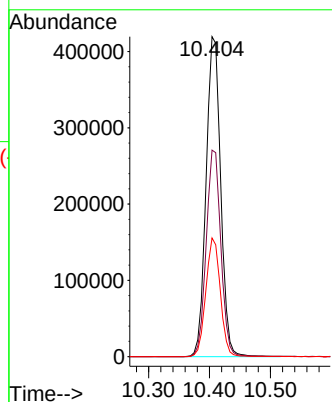
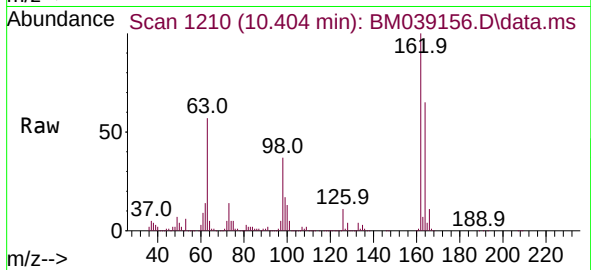




#29
2,4-Dichlorophenol
Concen: 41.757 ng
RT: 10.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

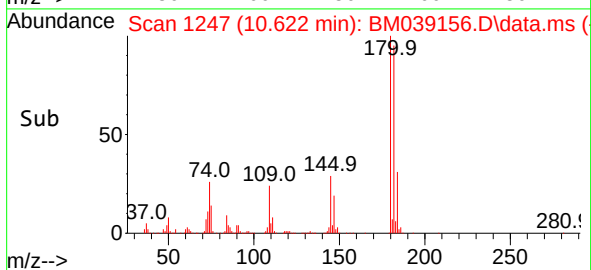
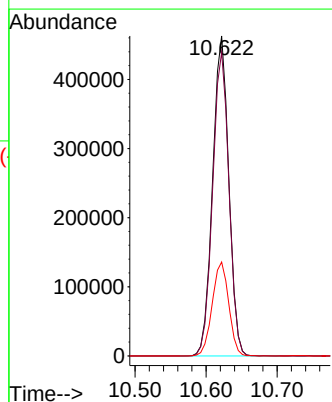
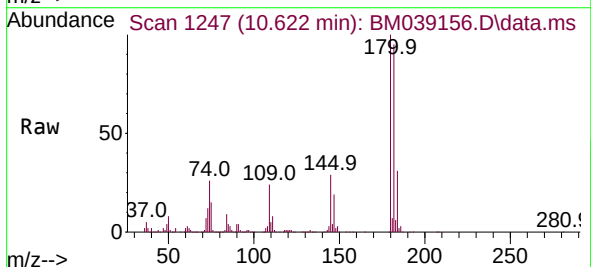
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

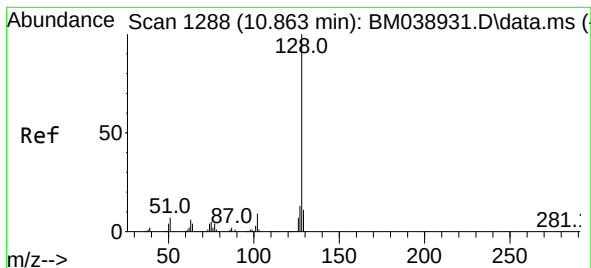
Tgt Ion:162 Resp: 698751
Ion Ratio Lower Upper
162 100
164 64.5 44.6 84.6
98 37.1 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 40.121 ng
RT: 10.622 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:180 Resp: 733661
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 29.3 25.0 37.4

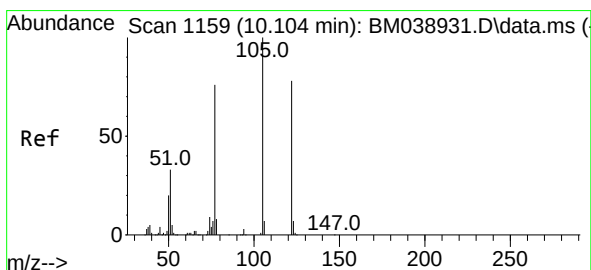
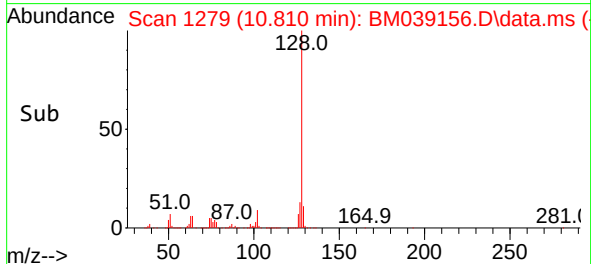
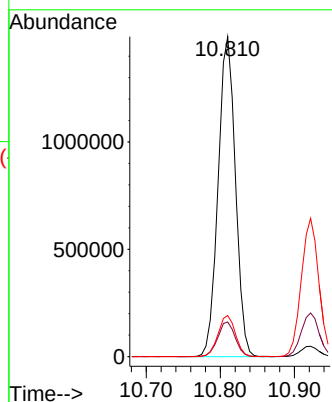
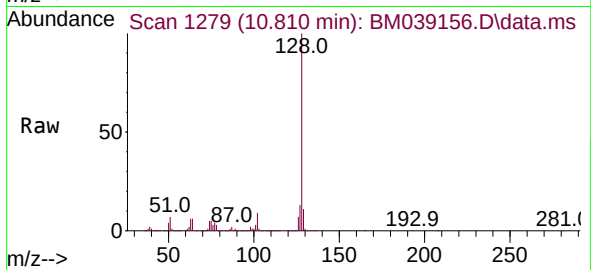




#31
Naphthalene
Concen: 39.166 ng
RT: 10.810 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

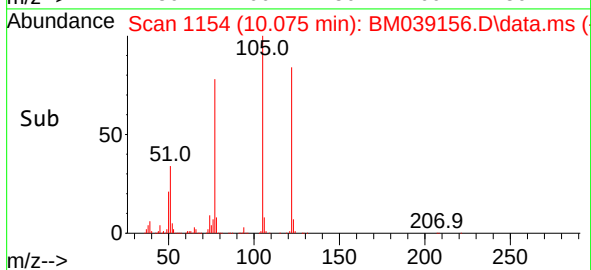
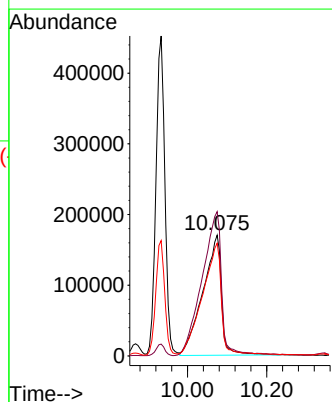
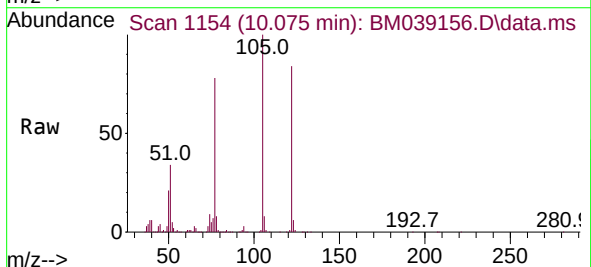
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

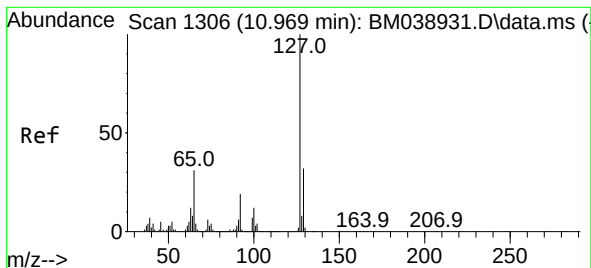
Tgt Ion:128 Resp: 2414882
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 43.735 ng
RT: 10.075 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:122 Resp: 558890
Ion Ratio Lower Upper
122 100
105 119.4 104.2 144.2
77 93.4 75.1 115.1

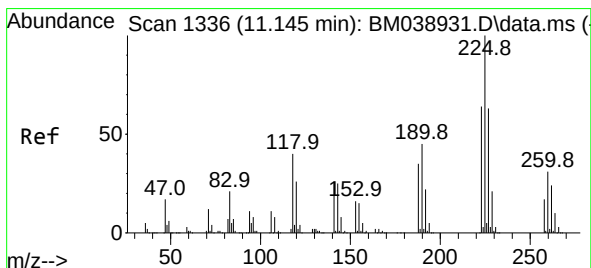
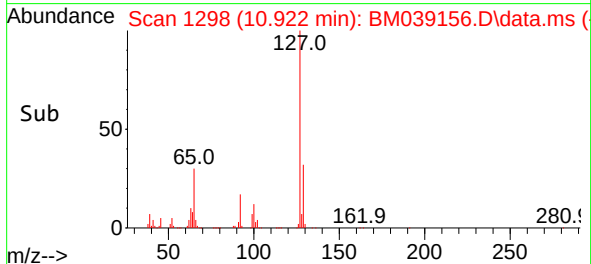
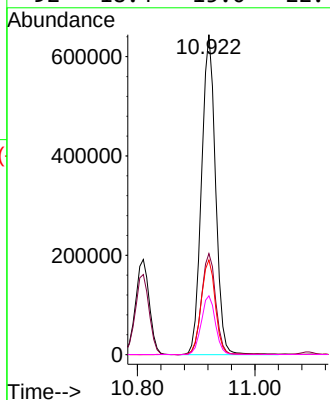
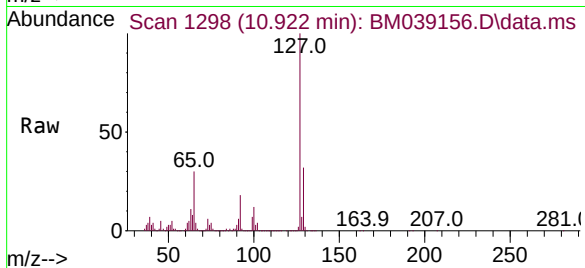




#33
4-Chloroaniline
Concen: 40.536 ng
RT: 10.922 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

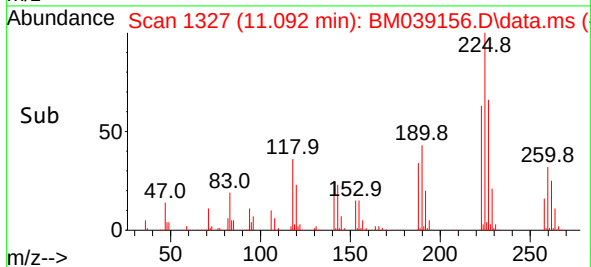
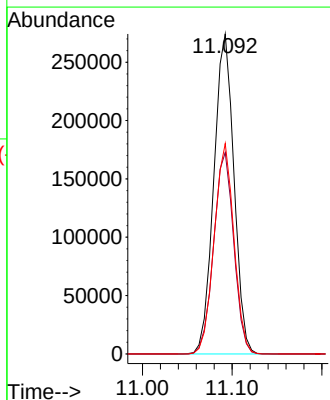
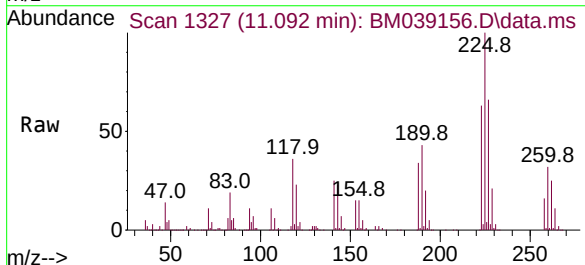
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

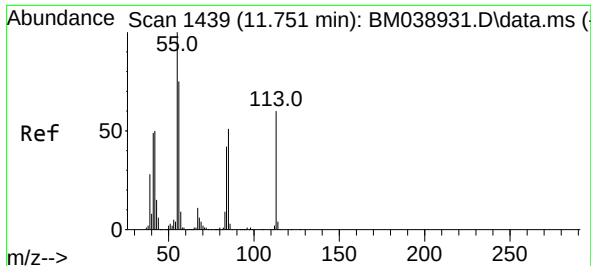
Tgt Ion:127 Resp: 1065147
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2
65 29.6 24.4 36.6
92 18.4 15.0 22.4



#34
Hexachlorobutadiene
Concen: 40.907 ng
RT: 11.092 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:225 Resp: 428965
Ion Ratio Lower Upper
225 100
223 62.9 51.3 76.9
227 65.7 50.6 76.0

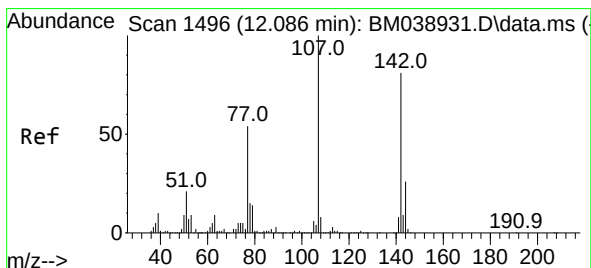
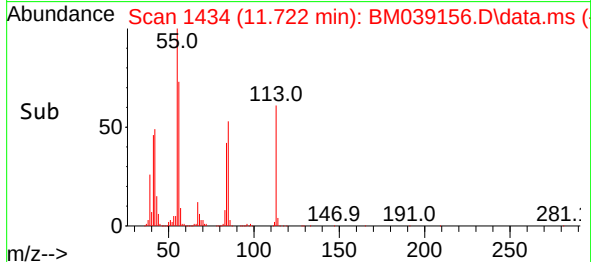
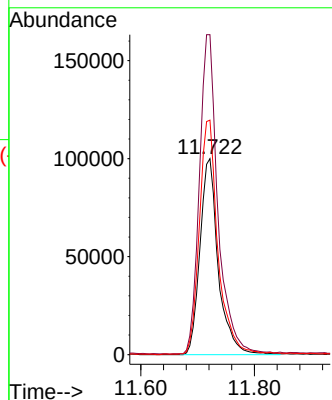
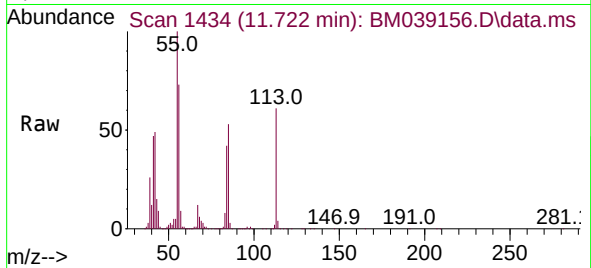




#35
Caprolactam
Concen: 43.866 ng
RT: 11.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

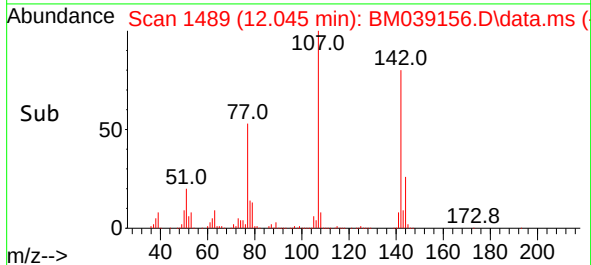
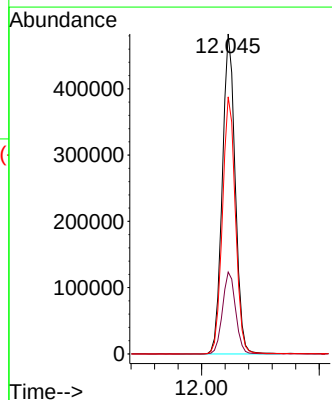
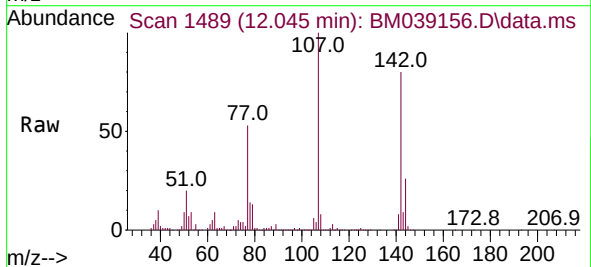
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

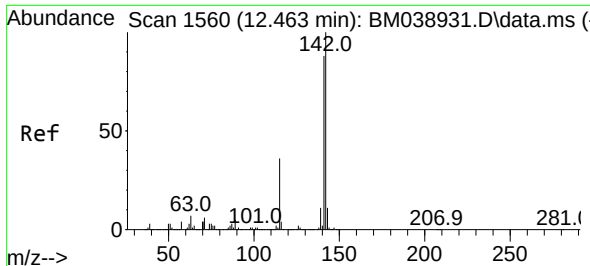
Tgt Ion:113 Resp: 223414
Ion Ratio Lower Upper
113 100
55 163.4 147.0 187.0
56 119.8 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 41.303 ng
RT: 12.045 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:107 Resp: 735987
Ion Ratio Lower Upper
107 100
144 25.6 20.7 31.1
142 80.3 64.6 97.0





#37

2-Methylnaphthalene

Concen: 39.364 ng

RT: 12.416 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

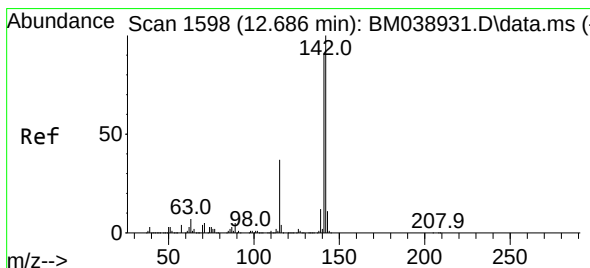
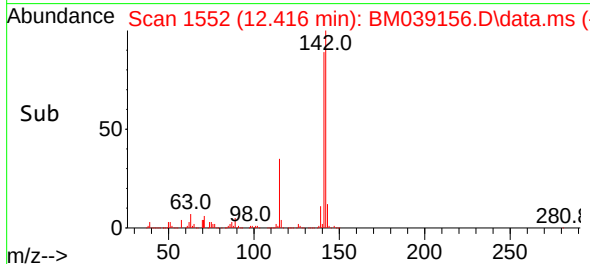
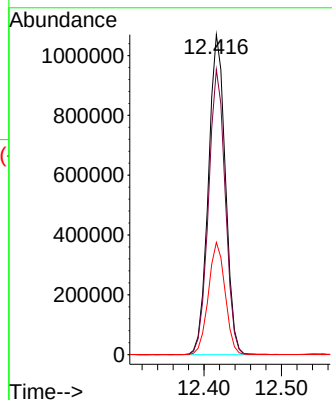
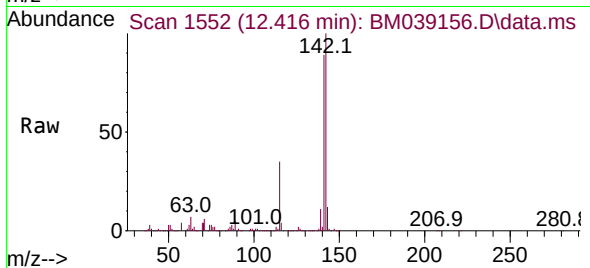
Tgt Ion:142 Resp: 1626724

Ion Ratio Lower Upper

142 100

141 89.1 70.6 106.0

115 35.1 28.5 42.7



#38

1-Methylnaphthalene

Concen: 39.190 ng

RT: 12.639 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

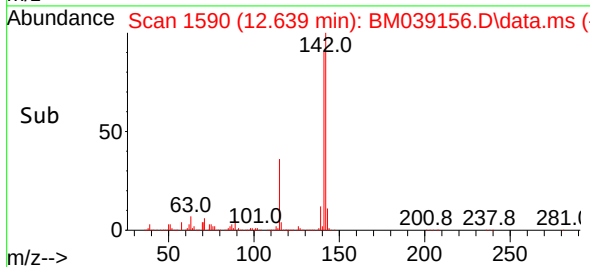
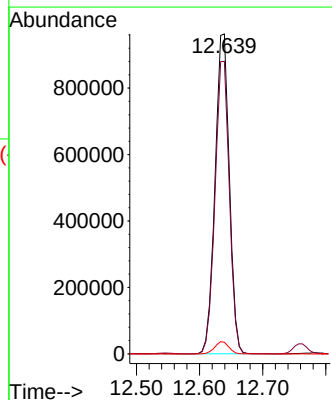
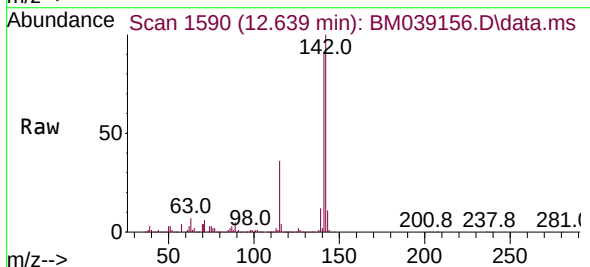
Tgt Ion:142 Resp: 1517732

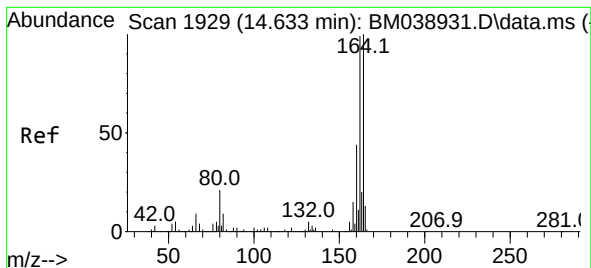
Ion Ratio Lower Upper

142 100

141 91.4 72.8 109.2

116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

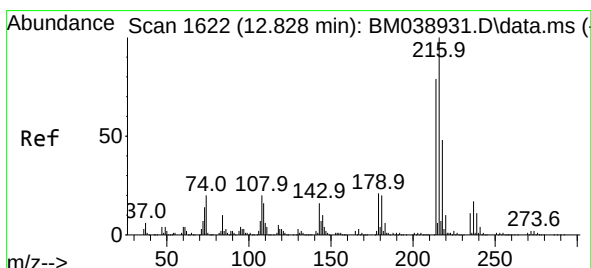
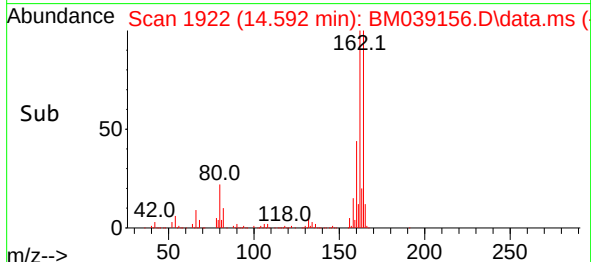
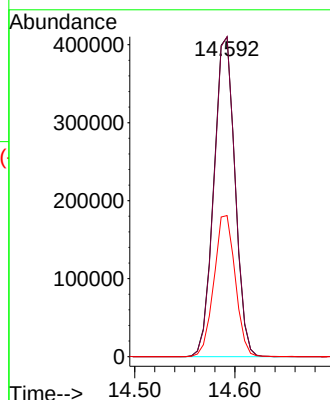
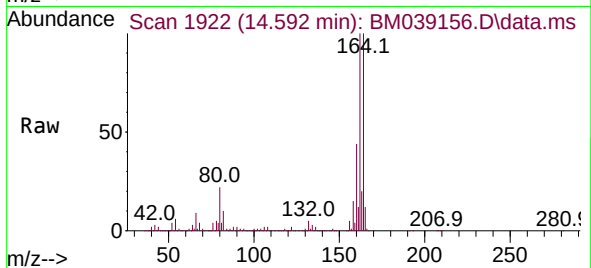
Tgt Ion:164 Resp: 601697

Ion Ratio Lower Upper

164 100

162 100.1 79.2 118.8

160 44.1 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.884 ng

RT: 12.786 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Tgt Ion:216 Resp: 760598

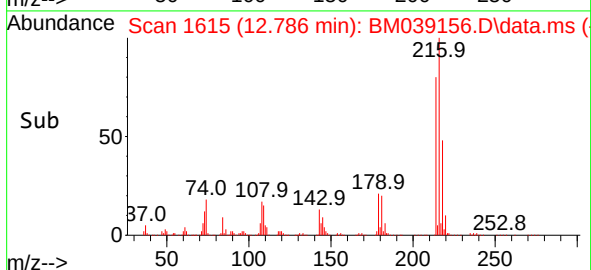
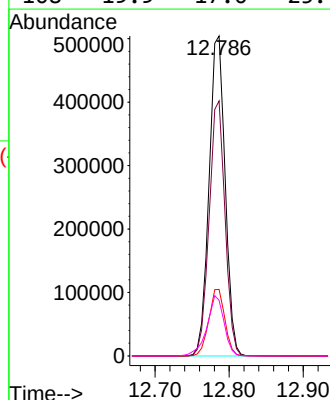
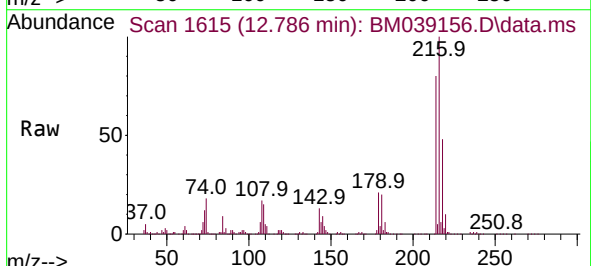
Ion Ratio Lower Upper

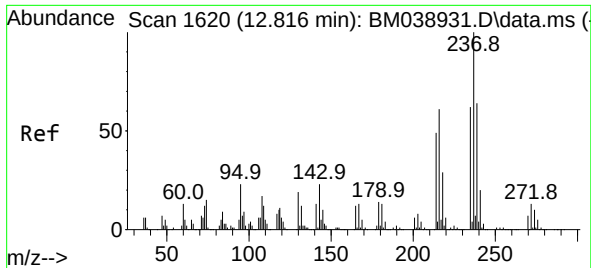
216 100

214 78.8 63.0 94.4

179 20.8 16.8 25.2

108 19.9 17.0 25.4

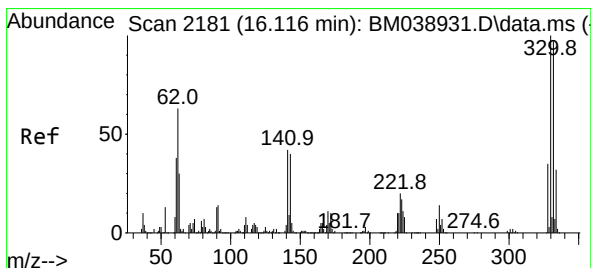
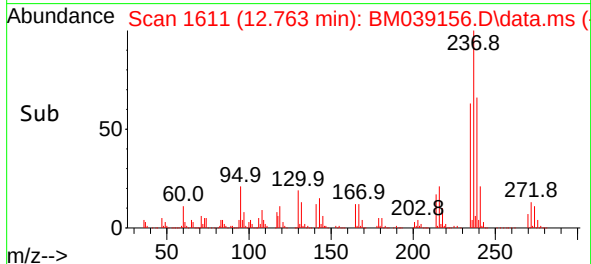
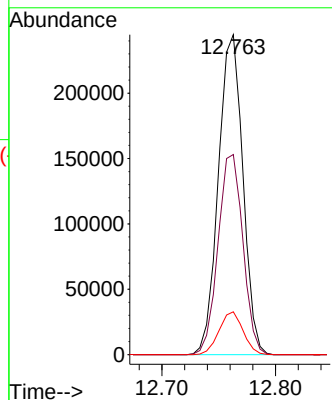
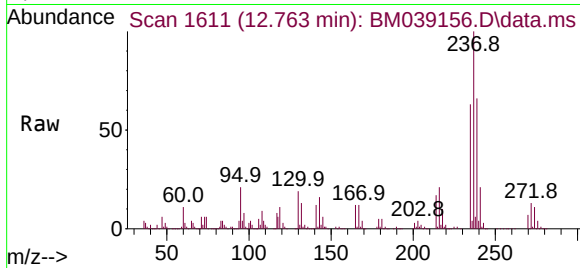




#41
Hexachlorocyclopentadiene
Concen: 34.069 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

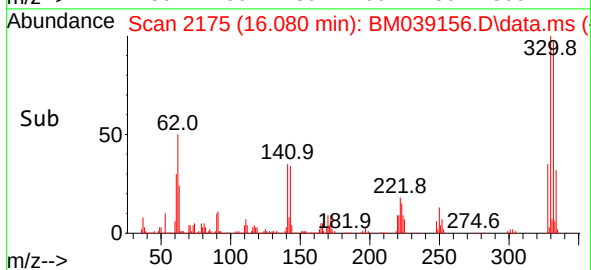
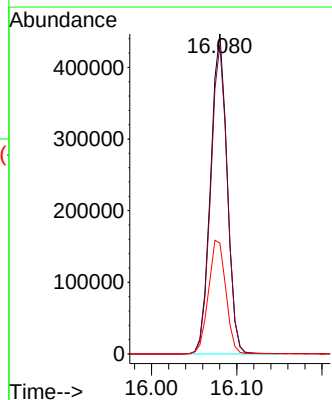
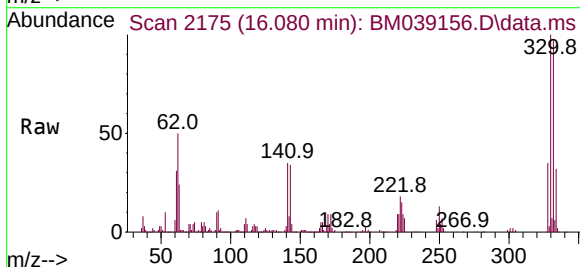
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

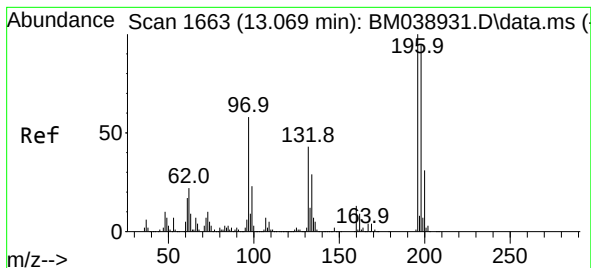
Tgt Ion:237 Resp: 365808
Ion Ratio Lower Upper
237 100
235 62.5 41.7 81.7
272 13.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 86.505 ng
RT: 16.080 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:330 Resp: 602135
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 37.4 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 41.578 ng

RT: 13.028 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

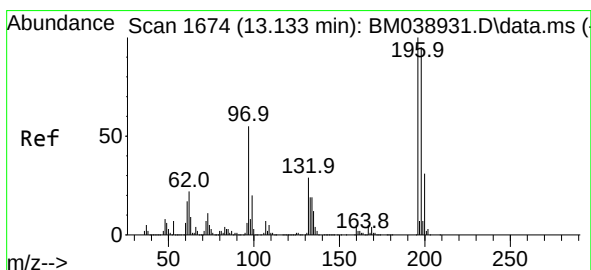
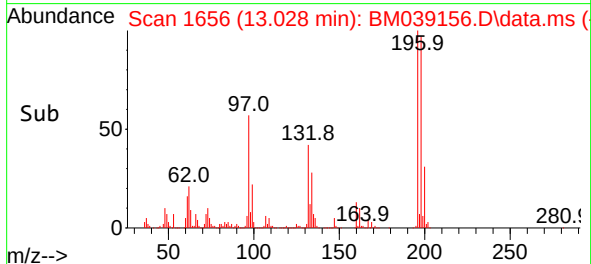
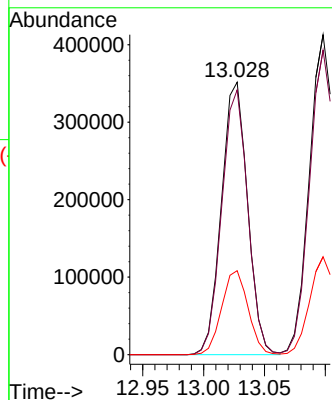
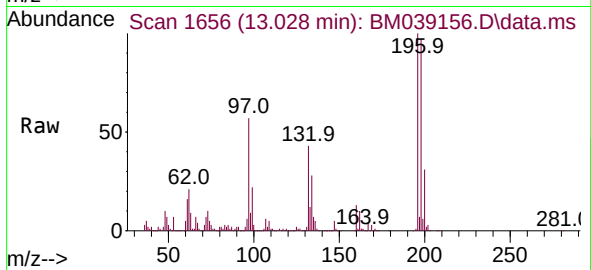
Tgt Ion:196 Resp: 526654

Ion Ratio Lower Upper

196 100

198 97.2 75.8 113.8

200 30.8 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 41.815 ng

RT: 13.098 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Tgt Ion:196 Resp: 619965

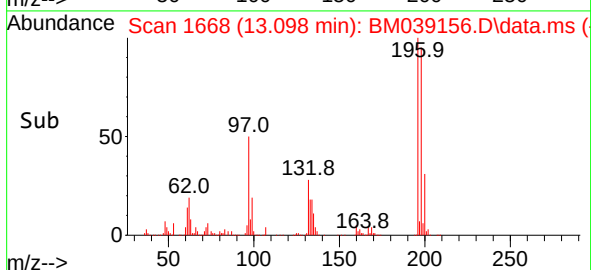
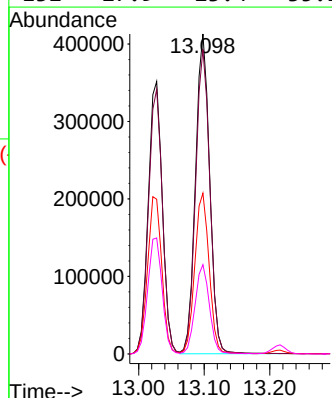
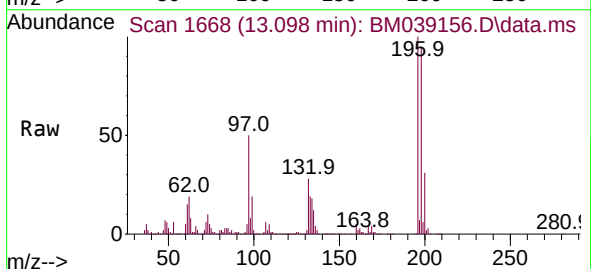
Ion Ratio Lower Upper

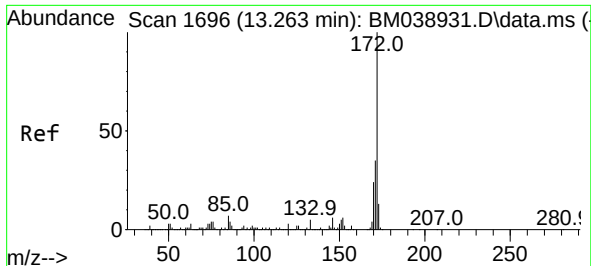
196 100

198 95.1 76.3 114.5

97 50.2 44.2 66.4

132 27.9 23.4 35.2

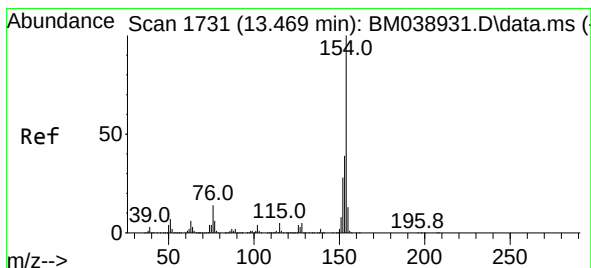
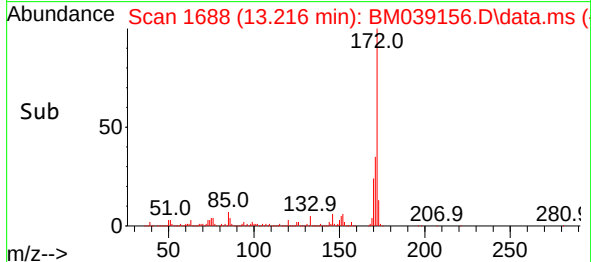
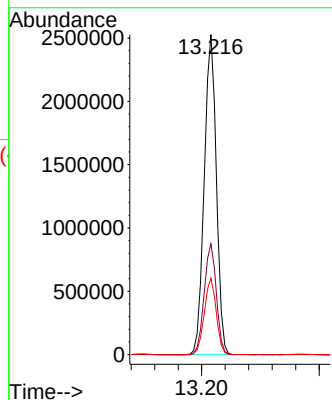
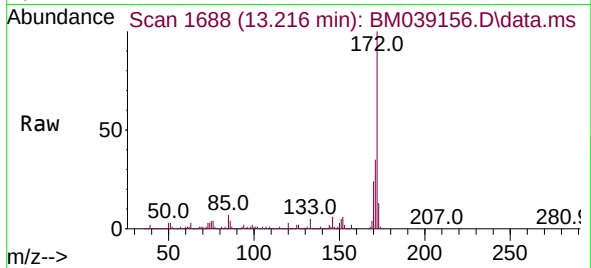




#45
2-Fluorobiphenyl
Concen: 78.100 ng
RT: 13.216 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

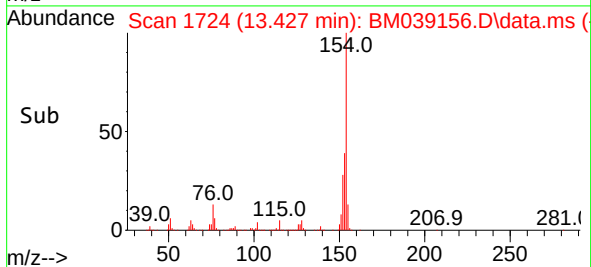
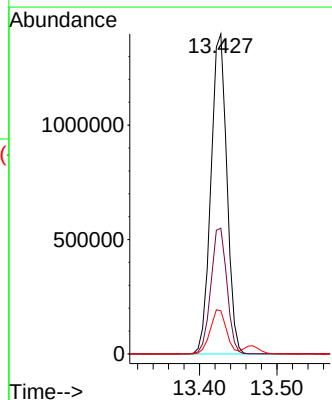
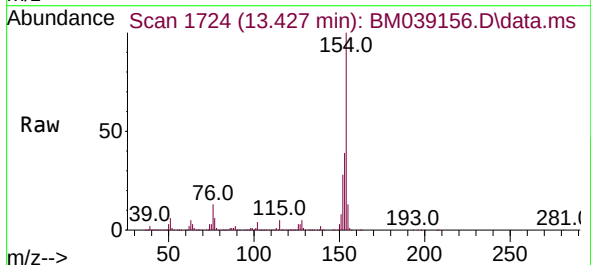
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

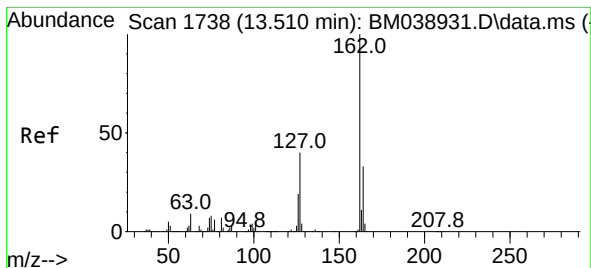
Tgt Ion:172 Resp: 3609820
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.159 ng
RT: 13.427 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:154 Resp: 1996080
Ion Ratio Lower Upper
154 100
153 39.3 19.3 59.3
76 13.5 0.0 34.0

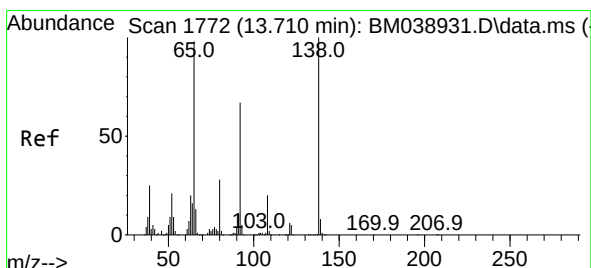
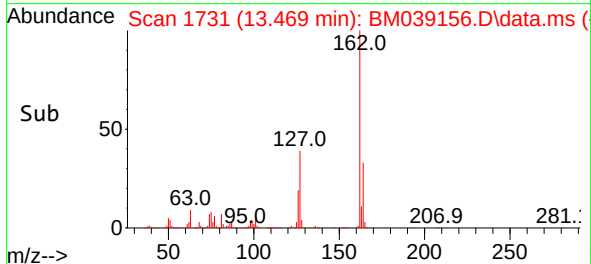
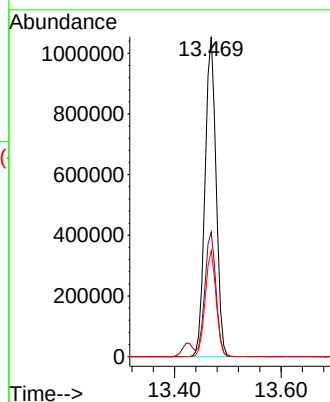
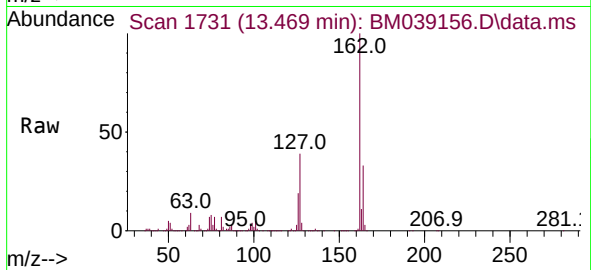




#47
2-Chloronaphthalene
Concen: 39.478 ng
RT: 13.469 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

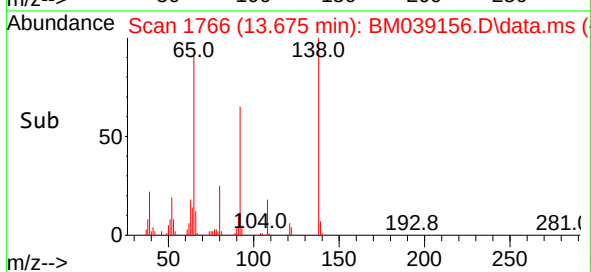
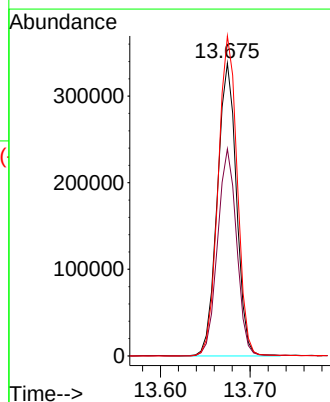
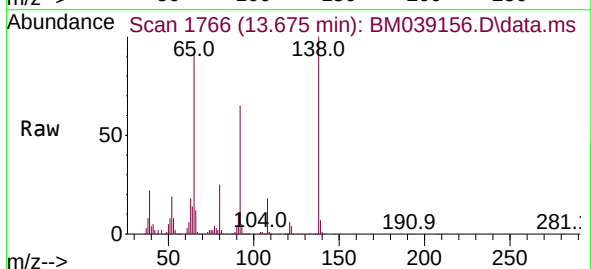
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

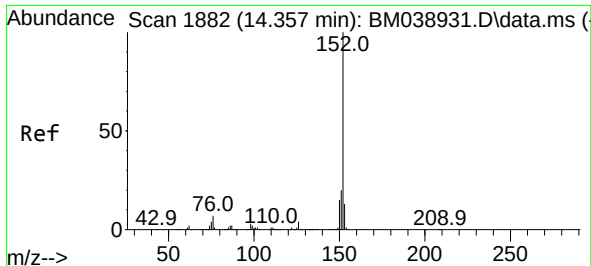
Tgt Ion:162 Resp: 1517464
Ion Ratio Lower Upper
162 100
127 38.9 32.1 48.1
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 41.067 ng
RT: 13.675 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 65 Resp: 501274
Ion Ratio Lower Upper
65 100
92 70.7 54.9 82.3
138 109.3 81.6 122.4

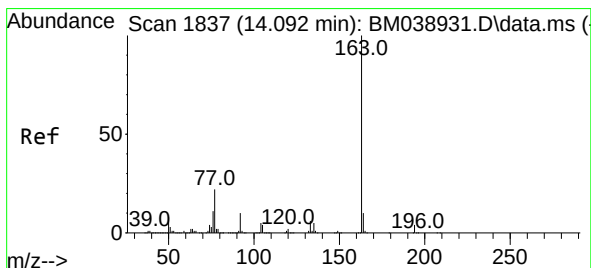
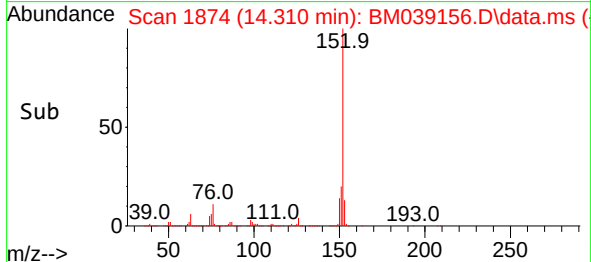
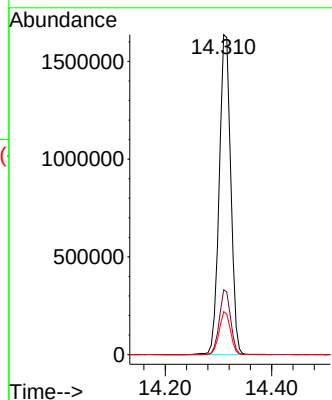
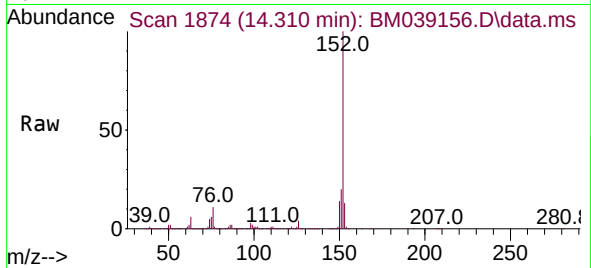




#49
Acenaphthylene
Concen: 40.142 ng
RT: 14.310 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

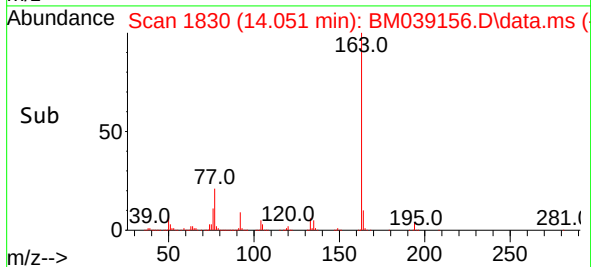
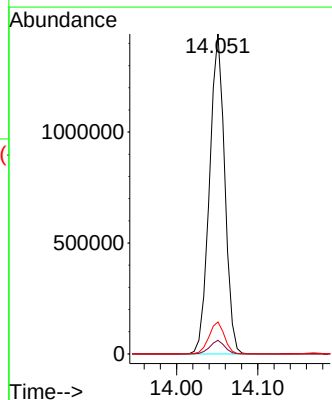
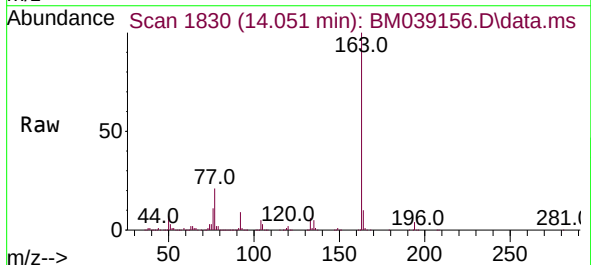
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

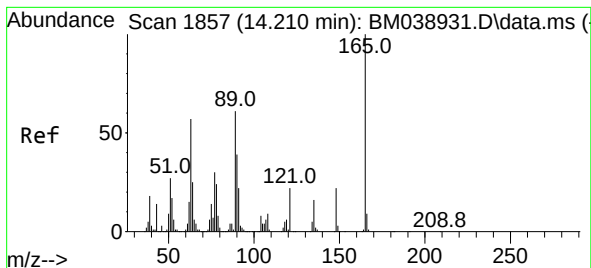
Tgt Ion:152 Resp: 2457760
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 40.681 ng
RT: 14.051 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:163 Resp: 1883536
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 8.1 12.1

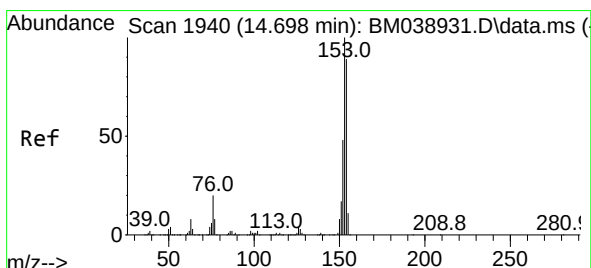
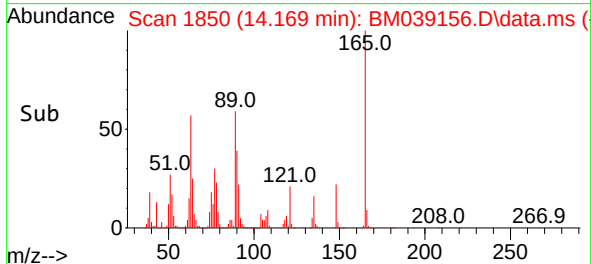
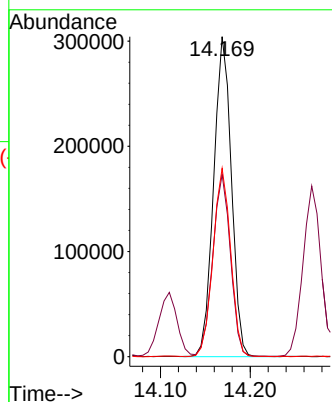
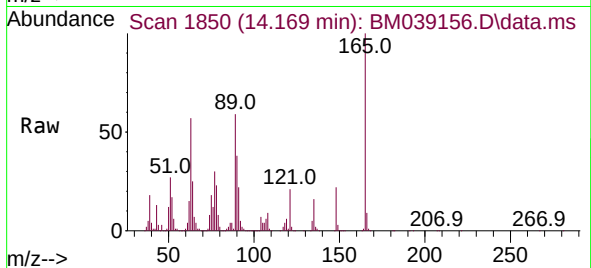




#51
2,6-Dinitrotoluene
Concen: 40.995 ng
RT: 14.169 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

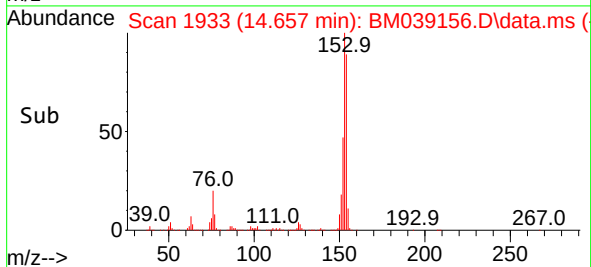
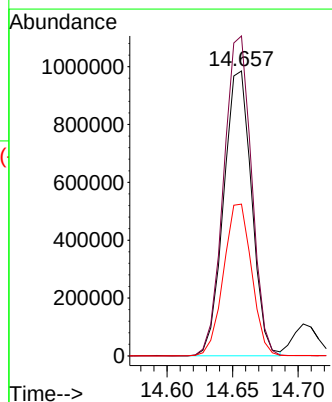
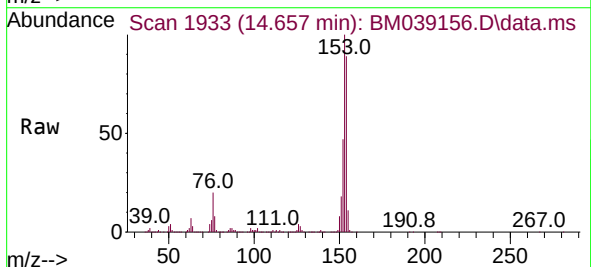
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

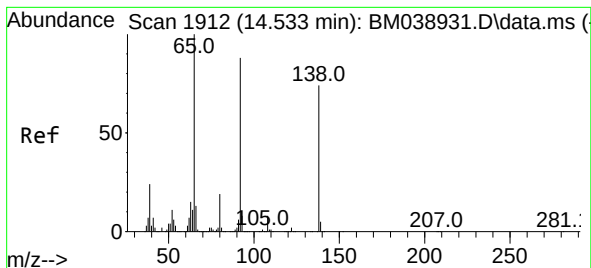
Tgt Ion:165 Resp: 417500
Ion Ratio Lower Upper
165 100
63 56.9 46.6 70.0
89 58.8 48.6 73.0



#52
Acenaphthene
Concen: 38.900 ng
RT: 14.657 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:154 Resp: 1463704
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.2
152 53.3 43.4 65.2

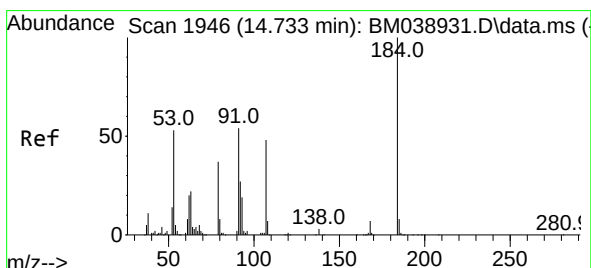
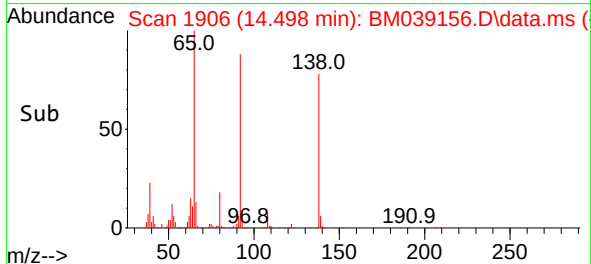
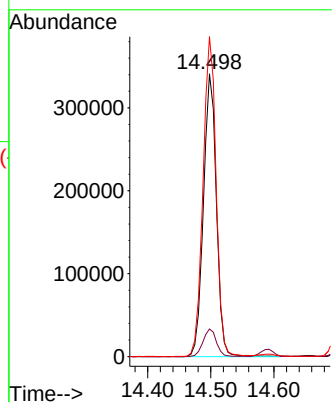
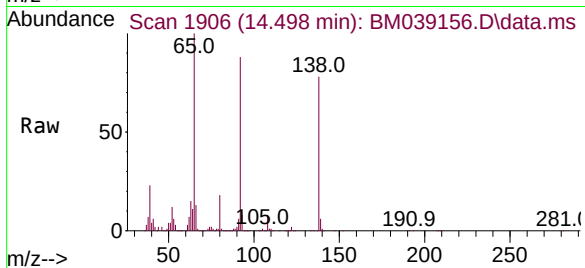




#53
3-Nitroaniline
Concen: 40.720 ng
RT: 14.498 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

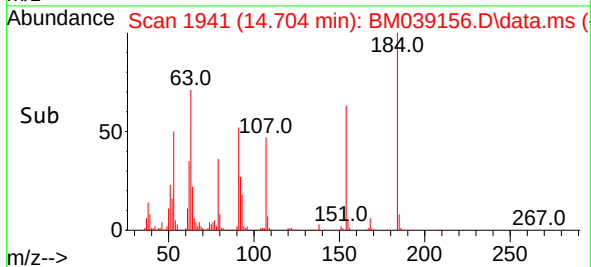
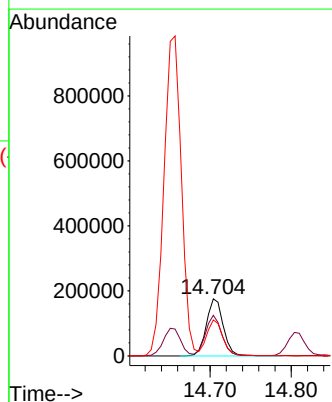
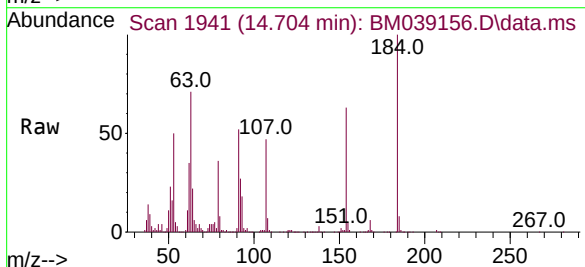
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

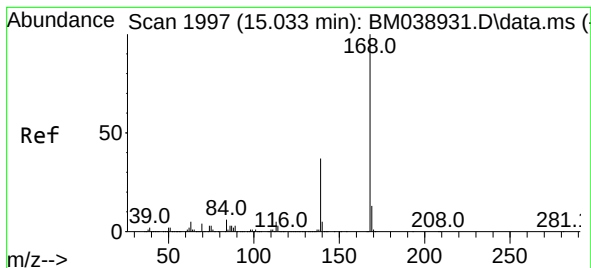
Tgt Ion:138 Resp: 484440
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 113.2 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 45.538 ng
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:184 Resp: 253933
Ion Ratio Lower Upper
184 100
63 71.1 60.6 90.8
154 63.0 51.4 77.2





#55

Dibenzenofuran

Concen: 39.221 ng

RT: 14.986 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

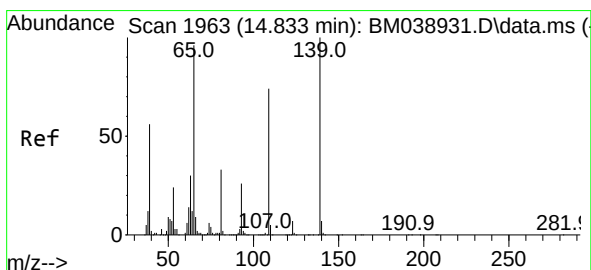
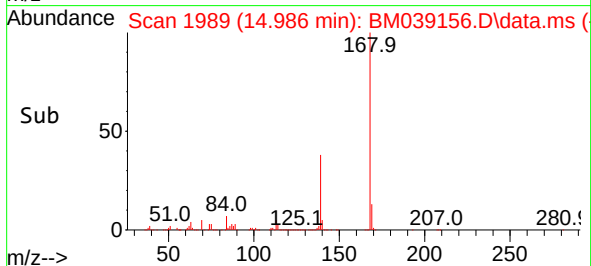
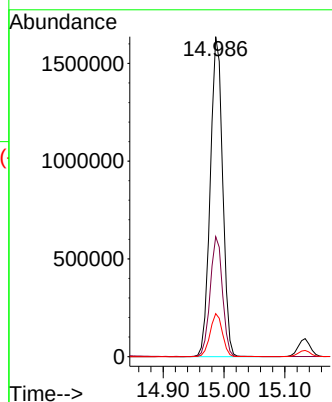
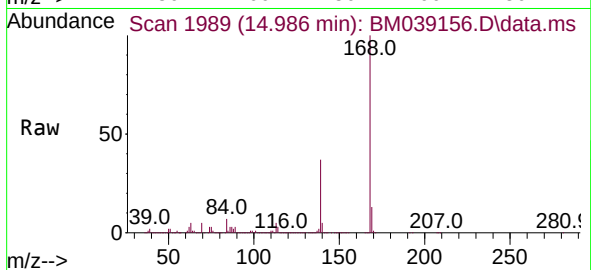
Tgt Ion:168 Resp: 2309374

Ion Ratio Lower Upper

168 100

139 37.5 29.9 44.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 41.549 ng

RT: 14.810 min Scan# 1959

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

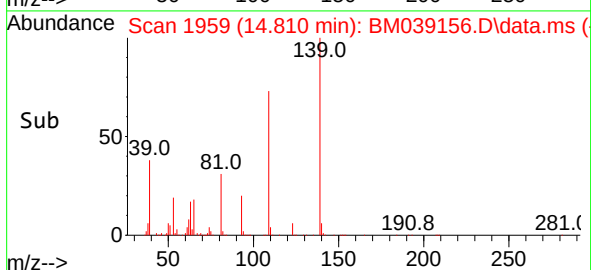
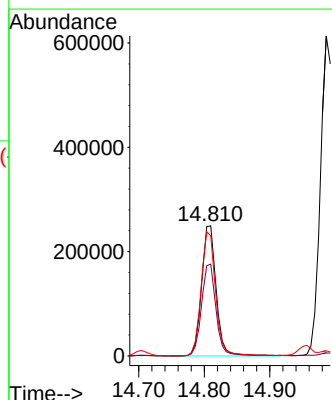
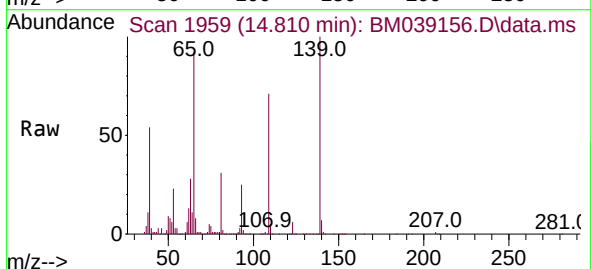
Tgt Ion:139 Resp: 382057

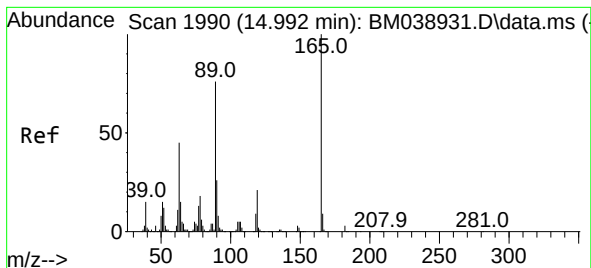
Ion Ratio Lower Upper

139 100

109 70.6 53.5 93.5

65 92.2 76.4 116.4

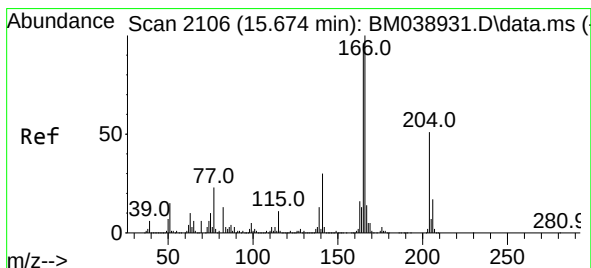
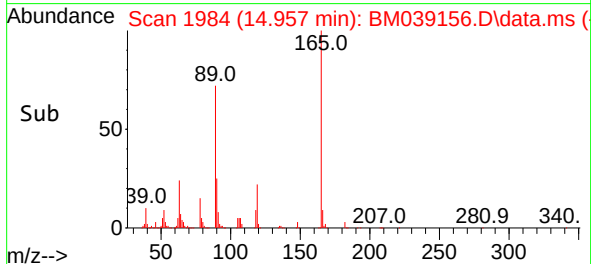
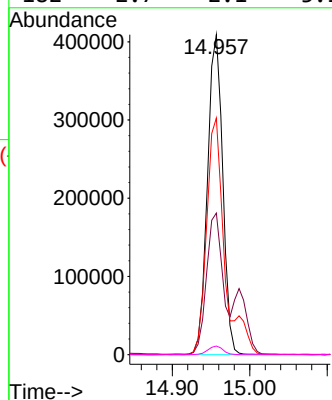
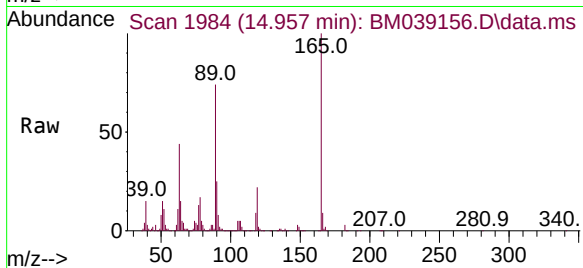




#57
2,4-Dinitrotoluene
Concen: 41.717 ng
RT: 14.957 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

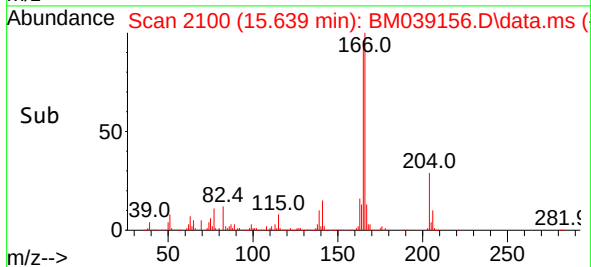
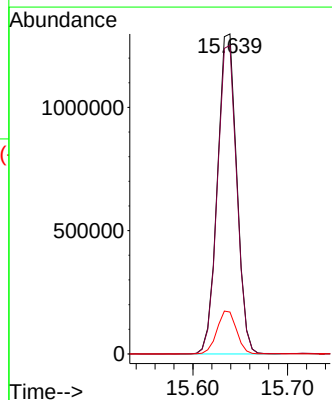
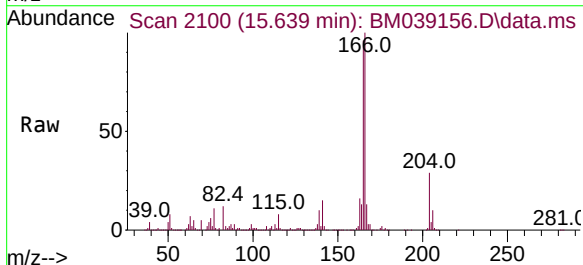
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

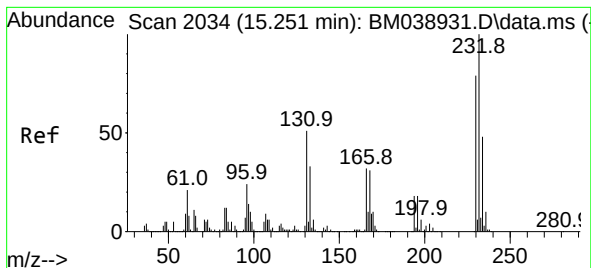
Tgt Ion:165 Resp: 558337
Ion Ratio Lower Upper
165 100
63 44.2 35.9 53.9
89 73.9 61.0 91.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 39.861 ng
RT: 15.639 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:166 Resp: 1838531
Ion Ratio Lower Upper
166 100
165 96.4 77.1 115.7
167 13.1 10.9 16.3

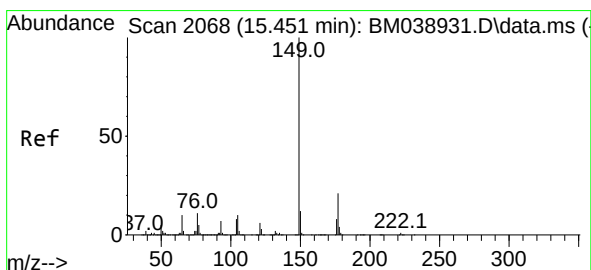
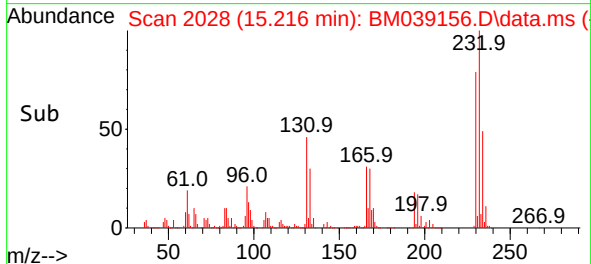
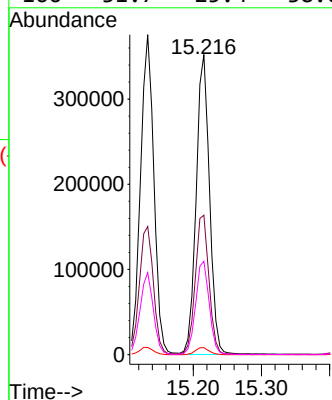
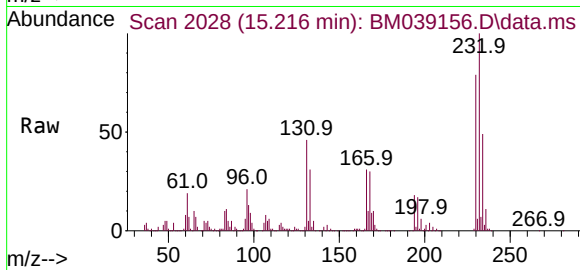




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.990 ng
RT: 15.216 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

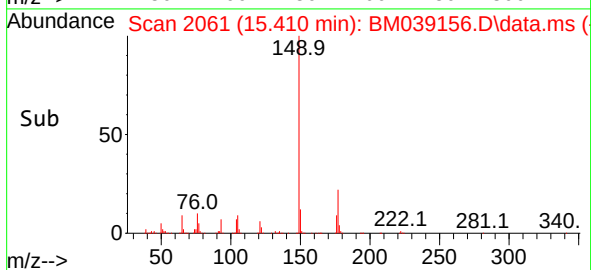
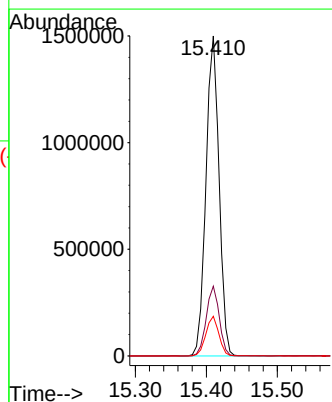
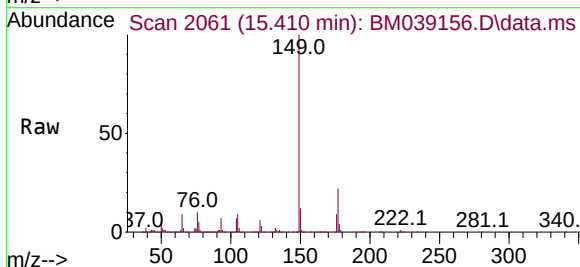
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

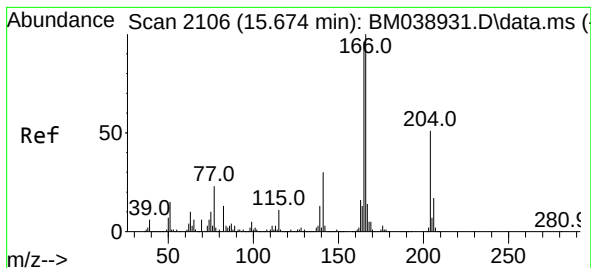
Tgt Ion:232 Resp: 480127
Ion Ratio Lower Upper
232 100
131 47.8 40.0 60.0
130 2.4 2.0 3.0
166 31.7 25.4 38.0



#60
Diethylphthalate
Concen: 42.343 ng
RT: 15.410 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:149 Resp: 1907581
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.4 9.7 14.5

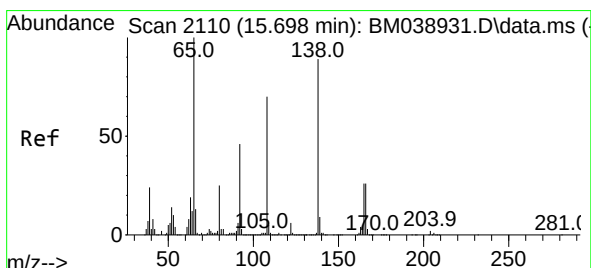
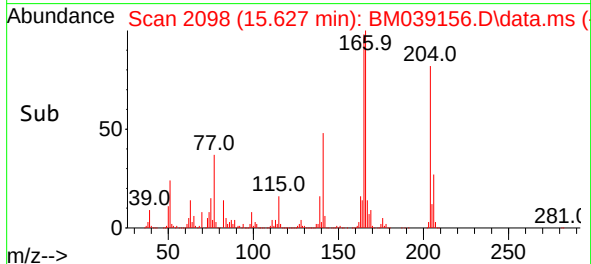
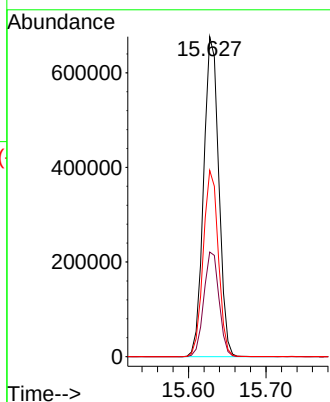
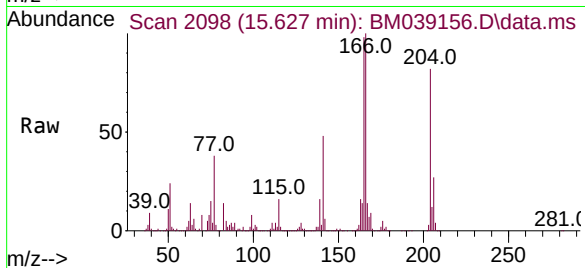




#61
4-Chlorophenyl-phenylether
Concen: 40.392 ng
RT: 15.627 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

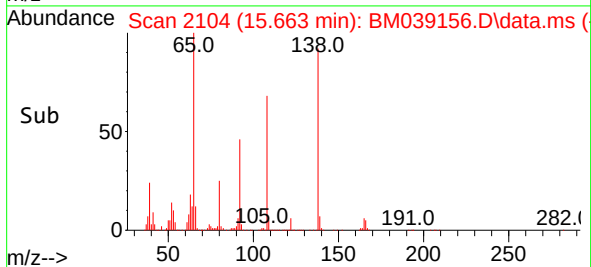
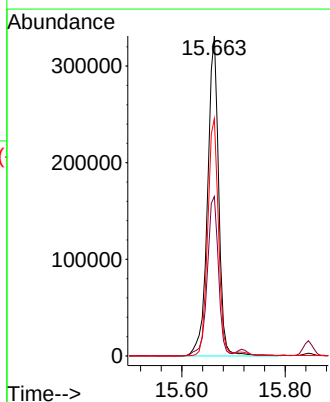
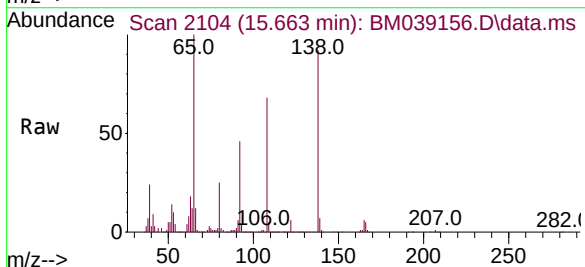
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

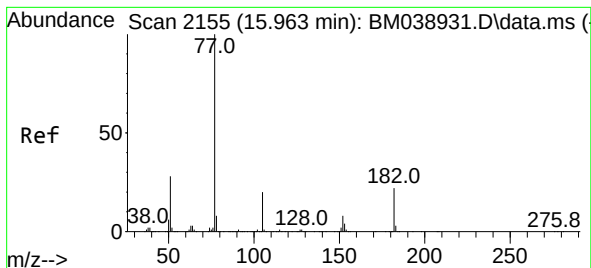
Tgt Ion:204 Resp: 915256
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.2 46.4 69.6



#62
4-Nitroaniline
Concen: 40.753 ng
RT: 15.663 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:138 Resp: 493183
Ion Ratio Lower Upper
138 100
92 49.8 31.6 71.6
108 74.1 58.6 98.6





#63

Azobenzene

Concen: 41.010 ng

RT: 15.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1954868

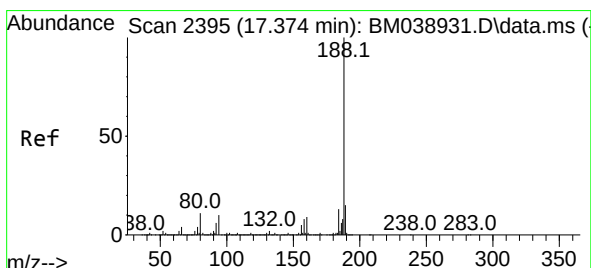
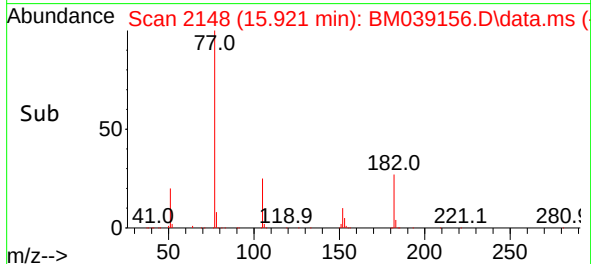
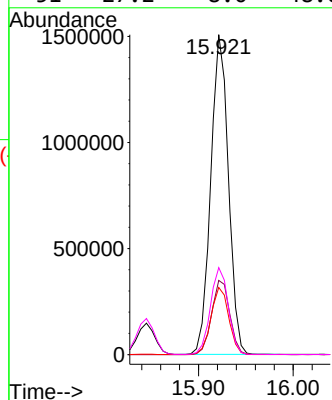
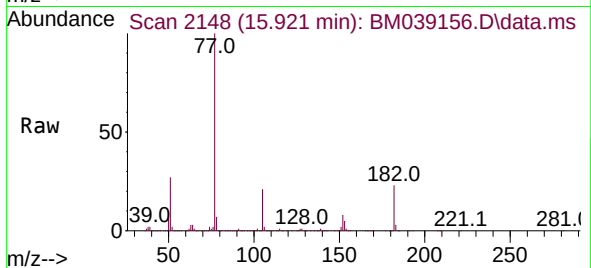
Ion Ratio Lower Upper

77 100

182 23.2 2.0 42.0

105 21.0 0.4 40.4

51 27.2 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2388

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

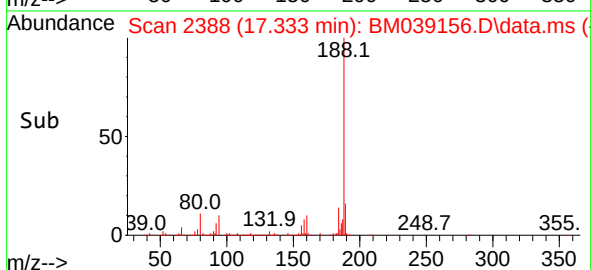
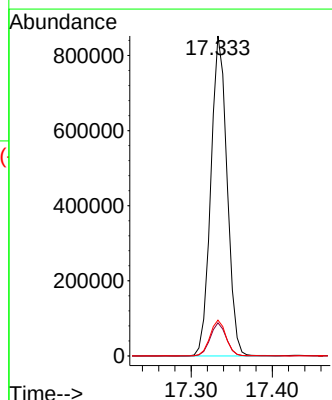
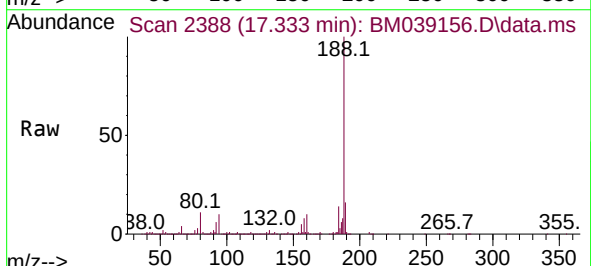
Tgt Ion:188 Resp: 1186846

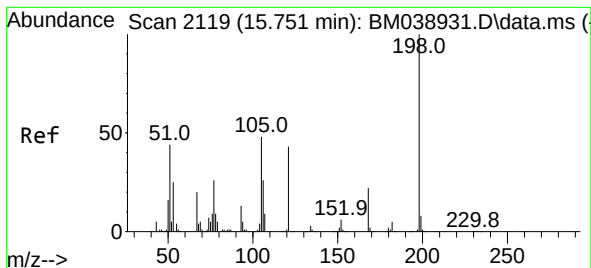
Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.2 8.5 12.7

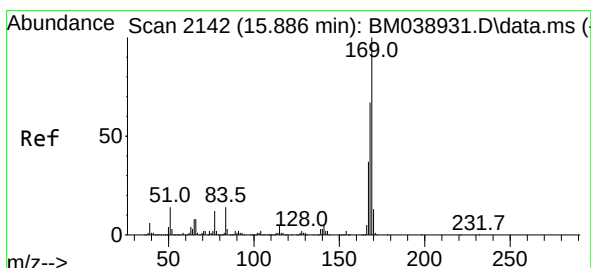
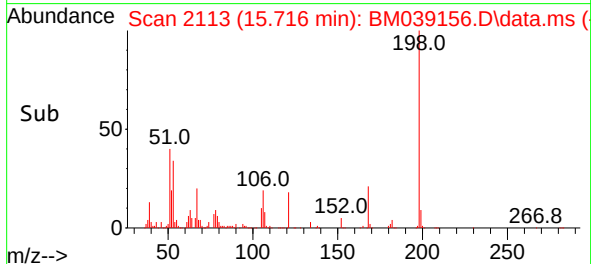
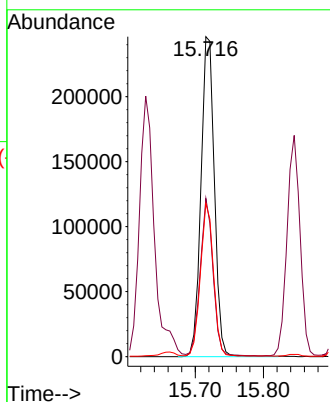
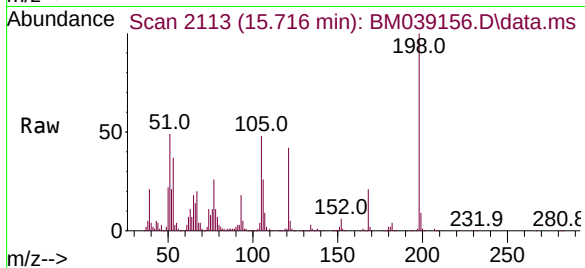




#65
4,6-Dinitro-2-methylphenol
Concen: 43.693 ng
RT: 15.716 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

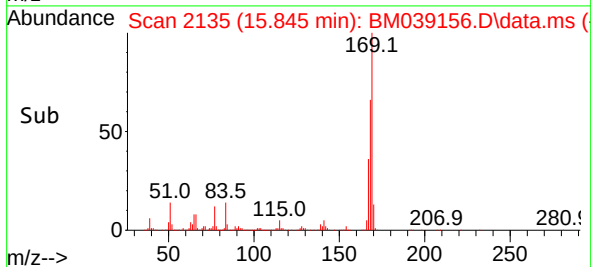
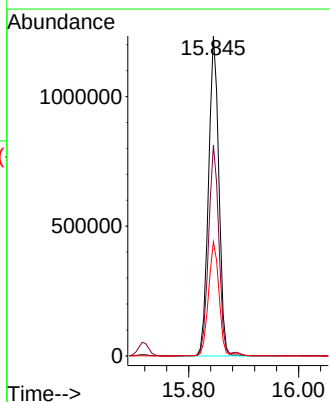
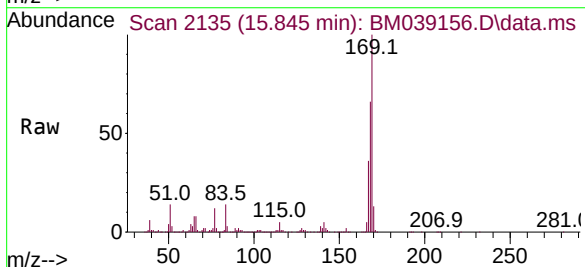
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

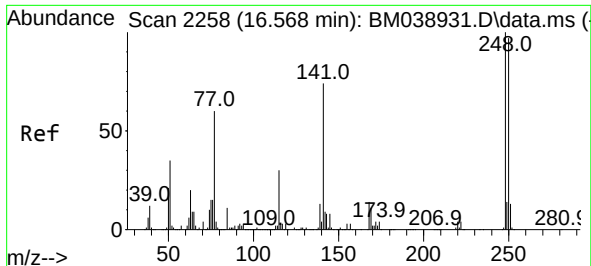
Tgt Ion:198 Resp: 336804
Ion Ratio Lower Upper
198 100
51 49.4 30.1 70.1
105 47.9 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 40.082 ng
RT: 15.845 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:169 Resp: 1603728
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 35.6 29.4 44.0

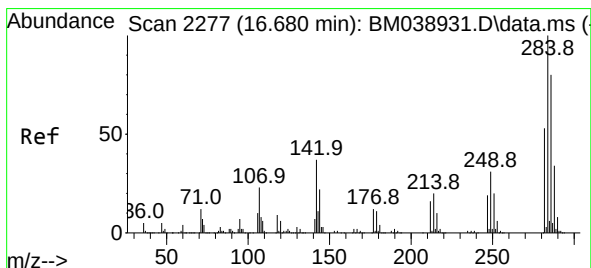
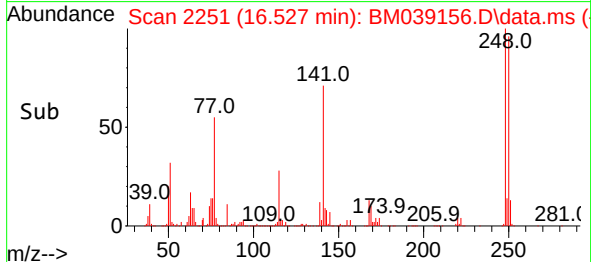
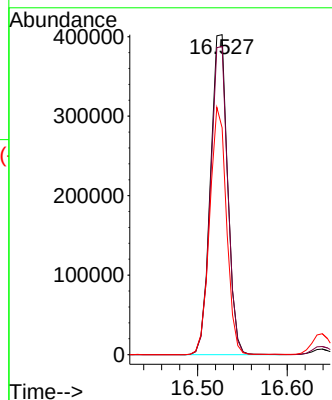
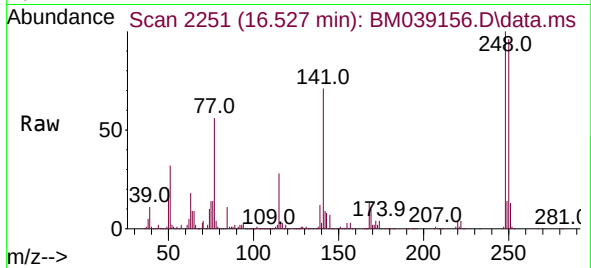




#67
4-Bromophenyl-phenylether
Concen: 41.926 ng
RT: 16.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

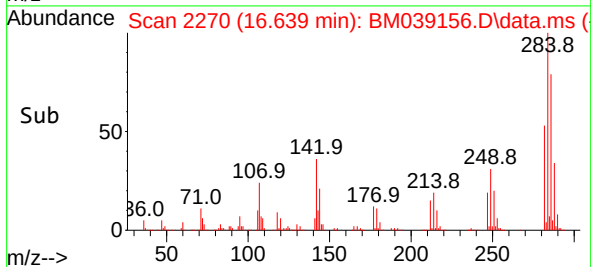
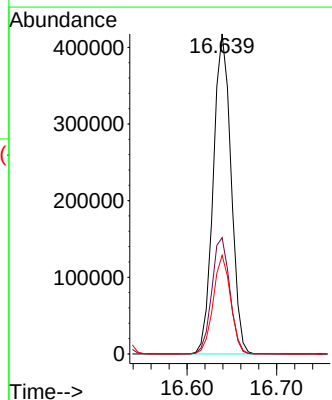
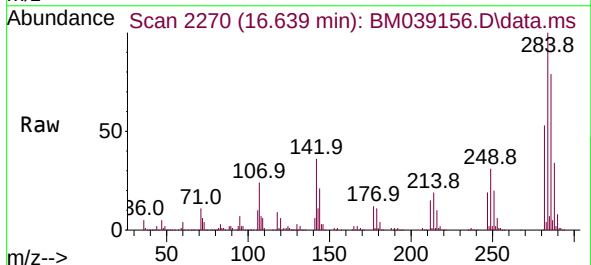
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

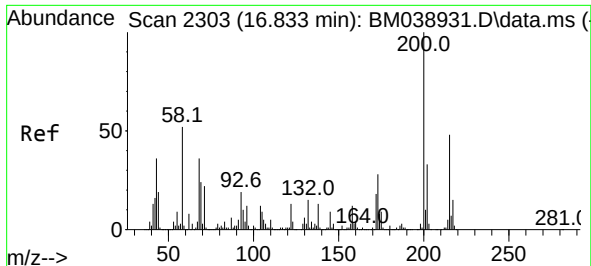
Tgt Ion:248 Resp: 537461
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.8
141 70.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 40.160 ng
RT: 16.639 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:284 Resp: 575513
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 30.8 25.0 37.4

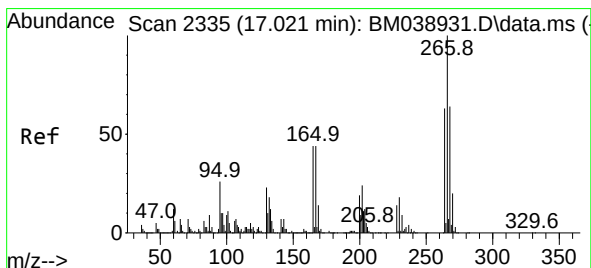
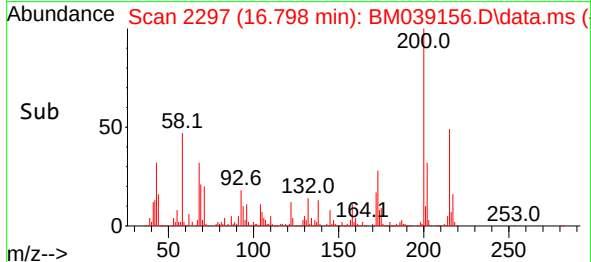
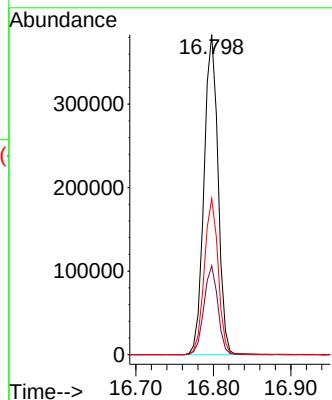
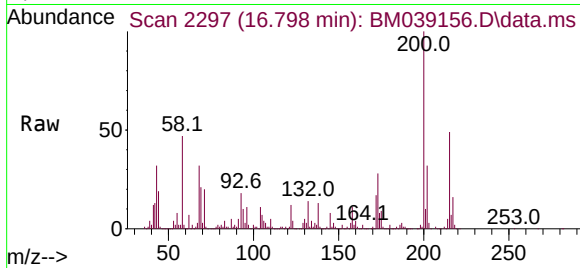




#69
 Atrazine
 Concen: 44.047 ng
 RT: 16.798 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039156.D
 Acq: 27 Mar 2023 11:39

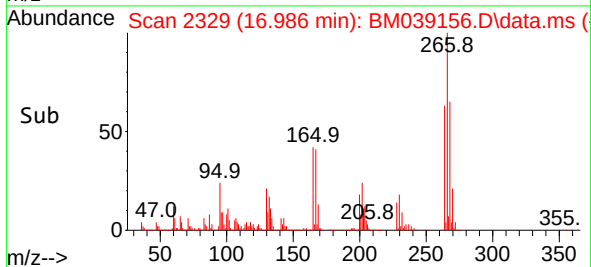
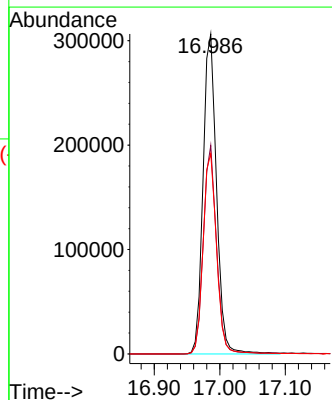
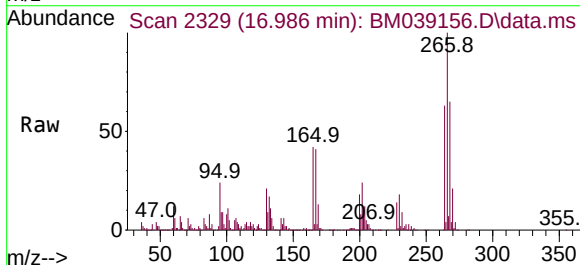
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

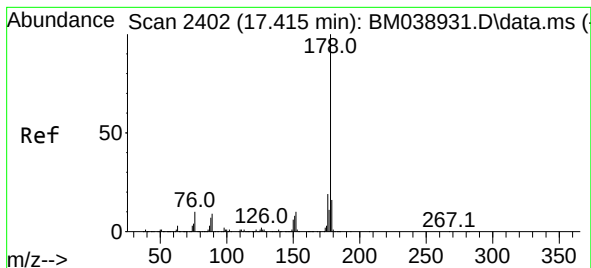
Tgt Ion:200 Resp: 481381
 Ion Ratio Lower Upper
 200 100
 173 27.7 8.2 48.2
 215 48.7 27.8 67.8



#70
 Pentachlorophenol
 Concen: 41.214 ng
 RT: 16.986 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BM039156.D
 Acq: 27 Mar 2023 11:39

Tgt Ion:266 Resp: 434408
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.0 76.4
 264 62.6 50.3 75.5





#71

Phenanthrene

Concen: 38.668 ng

RT: 17.380 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

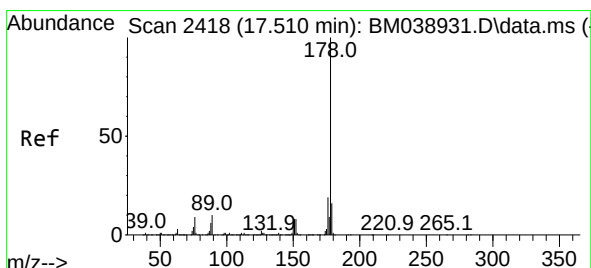
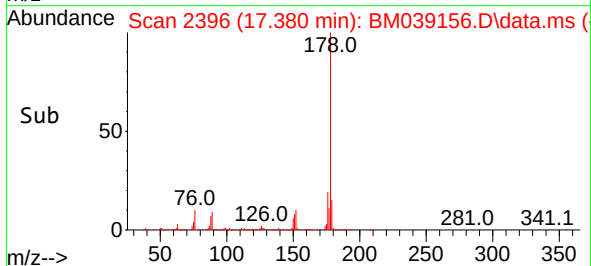
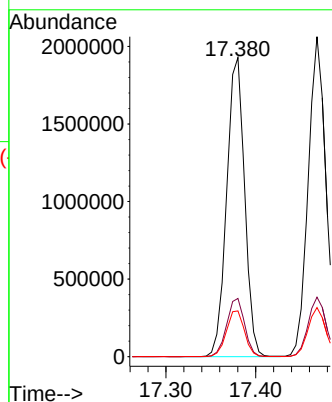
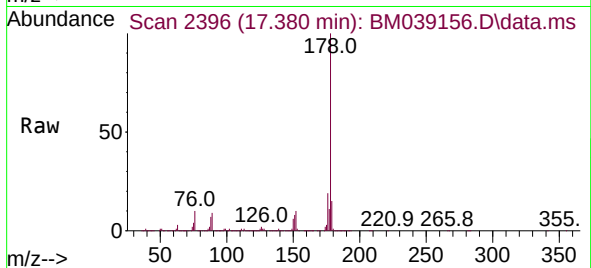
Tgt Ion:178 Resp: 2693525

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.3 12.5 18.7



#72

Anthracene

Concen: 40.497 ng

RT: 17.468 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

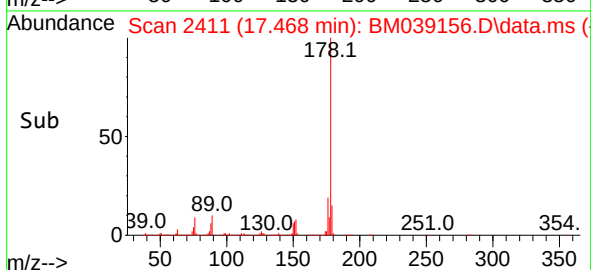
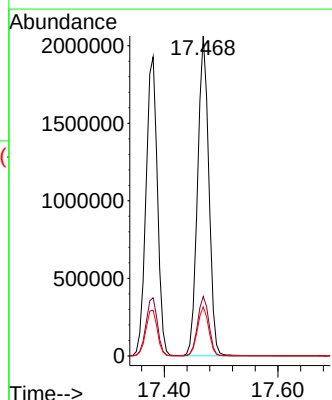
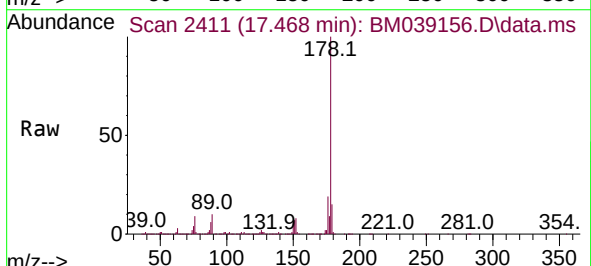
Tgt Ion:178 Resp: 2813163

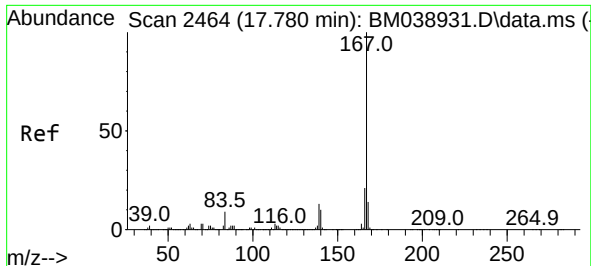
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.3 12.5 18.7

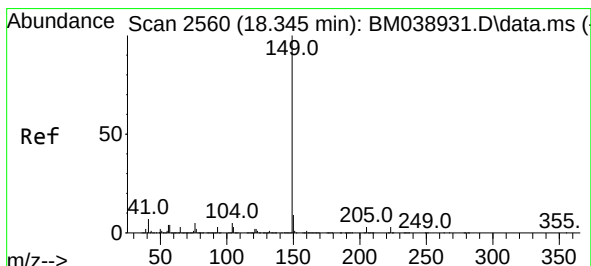
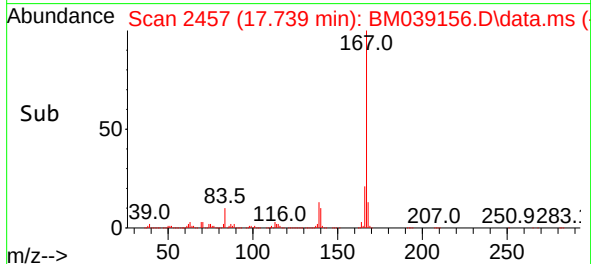
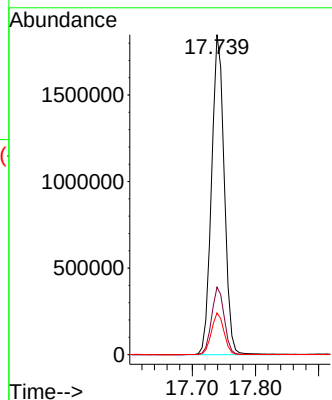
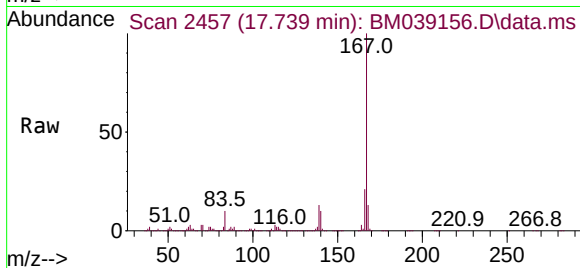




#73
 Carbazole
 Concen: 40.772 ng
 RT: 17.739 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM039156.D
 Acq: 27 Mar 2023 11:39

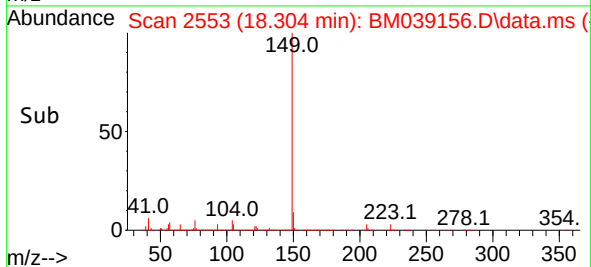
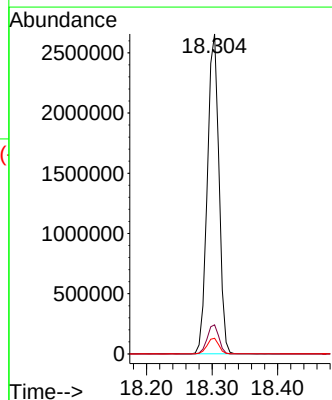
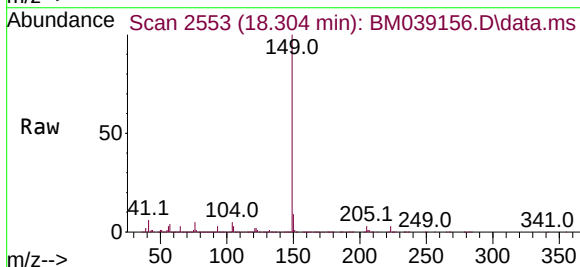
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

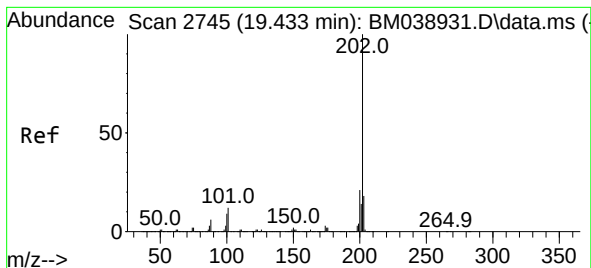
Tgt Ion:167 Resp: 2584855
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 13.0 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 42.152 ng
 RT: 18.304 min Scan# 2553
 Delta R.T. 0.000 min
 Lab File: BM039156.D
 Acq: 27 Mar 2023 11:39

Tgt Ion:149 Resp: 3241849
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 40.778 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

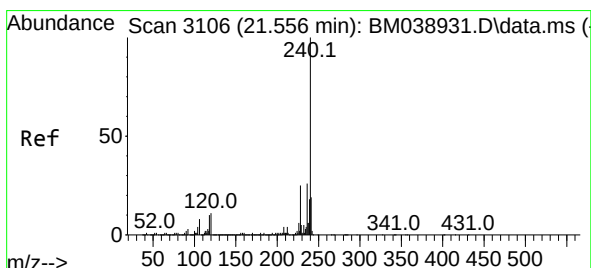
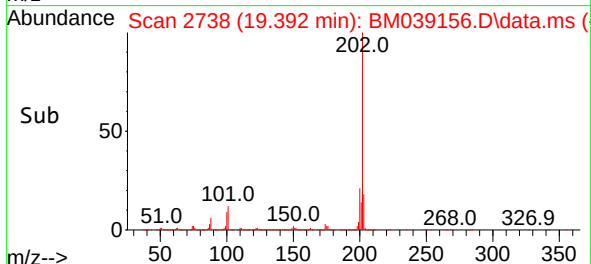
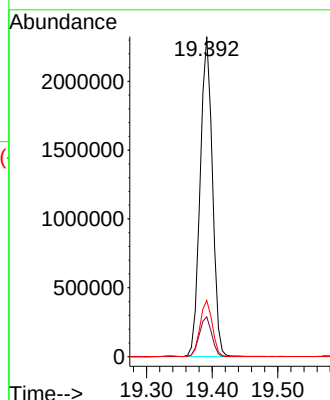
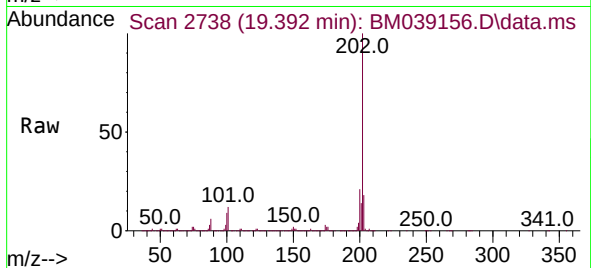
Tgt Ion:202 Resp: 2999112

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.7

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

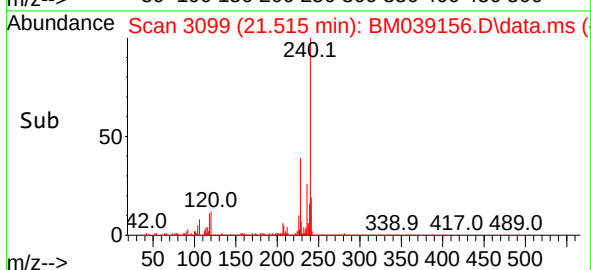
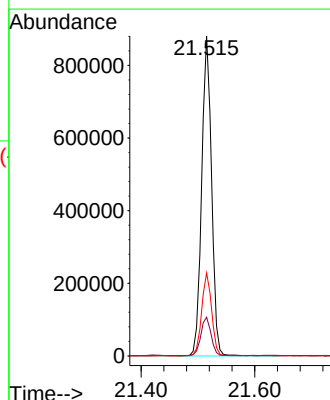
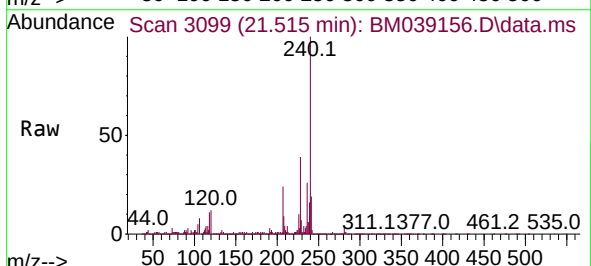
Tgt Ion:240 Resp: 1060689

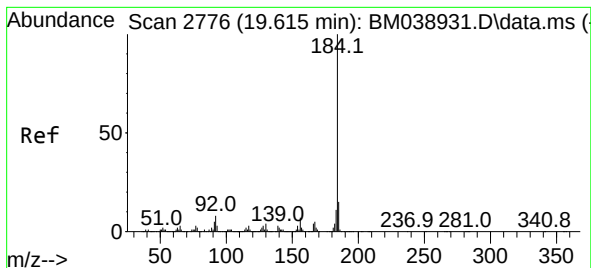
Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 25.9 20.8 31.2





#77

Benzidine

Concen: 38.061 ng

RT: 19.580 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

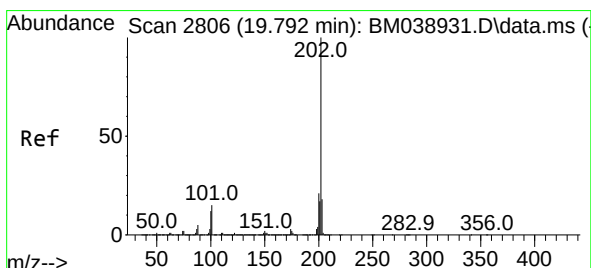
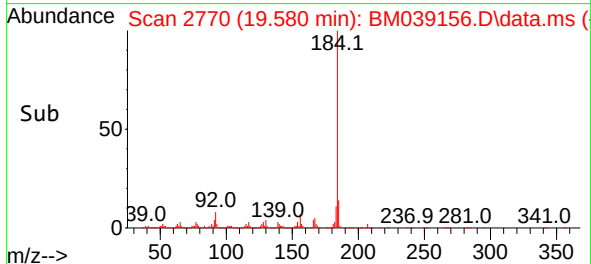
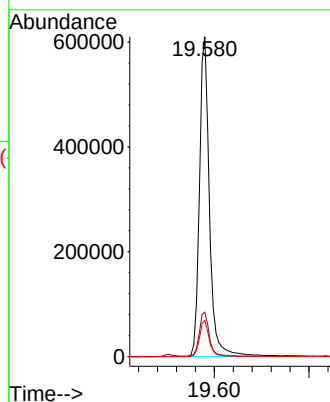
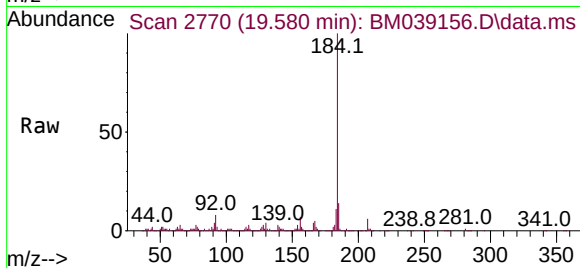
Tgt Ion:184 Resp: 893050

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.4

183 11.3 8.8 13.2



#78

Pyrene

Concen: 39.648 ng

RT: 19.756 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

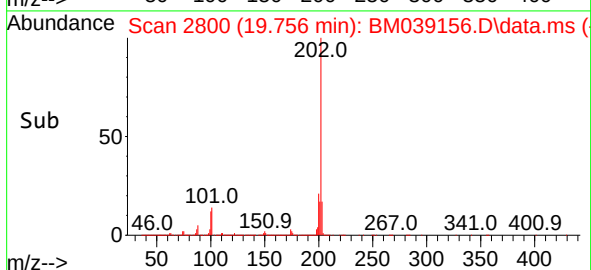
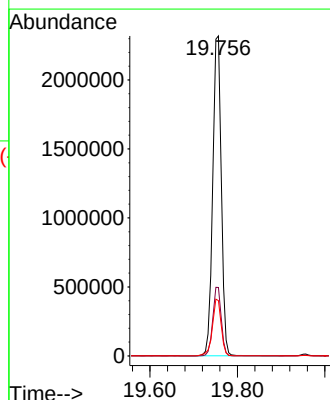
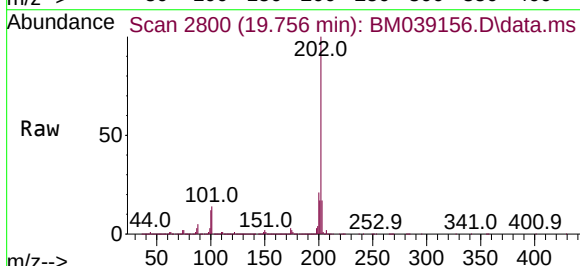
Tgt Ion:202 Resp: 3158648

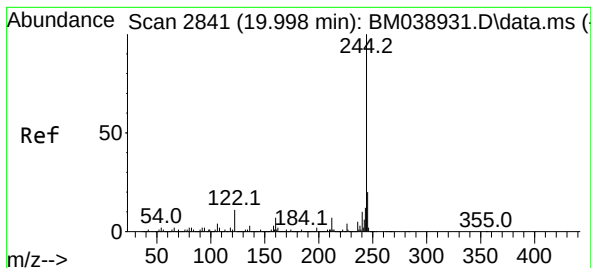
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 80.167 ng

RT: 19.956 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

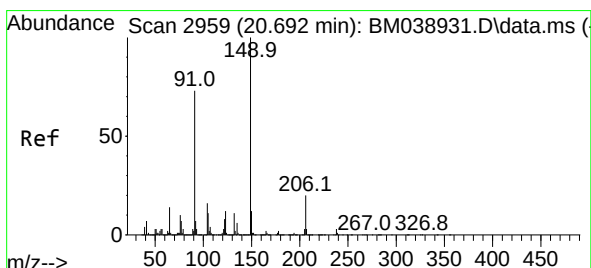
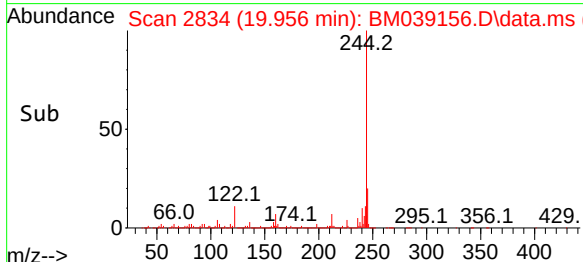
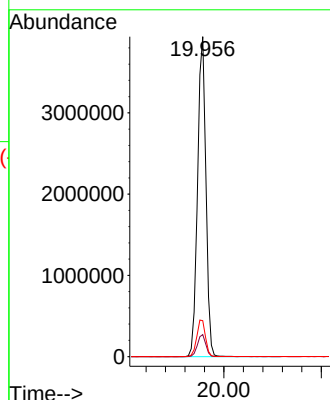
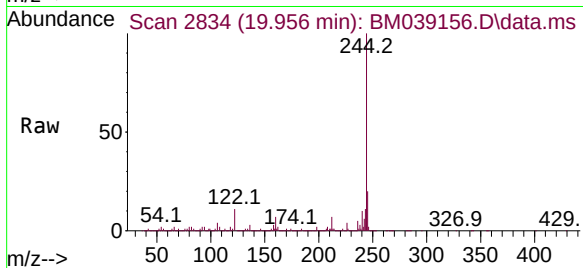
Tgt Ion:244 Resp: 4650817

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.891 ng

RT: 20.645 min Scan# 2951

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

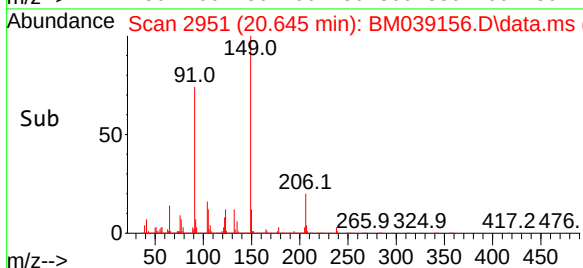
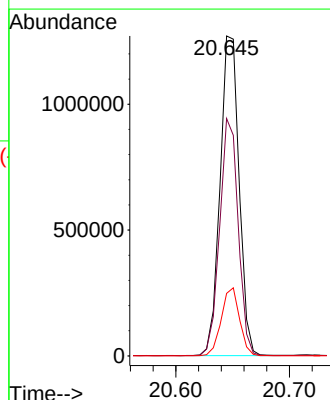
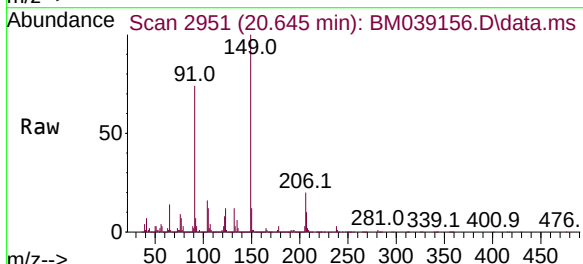
Tgt Ion:149 Resp: 1476457

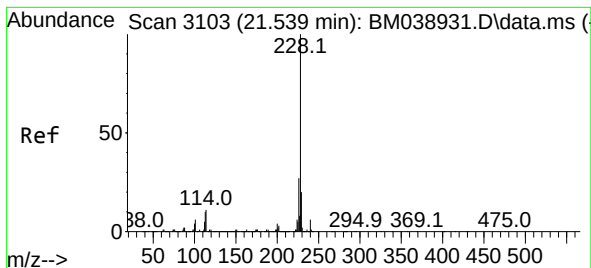
Ion Ratio Lower Upper

149 100

91 74.2 58.4 87.6

206 19.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 41.004 ng

RT: 21.498 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

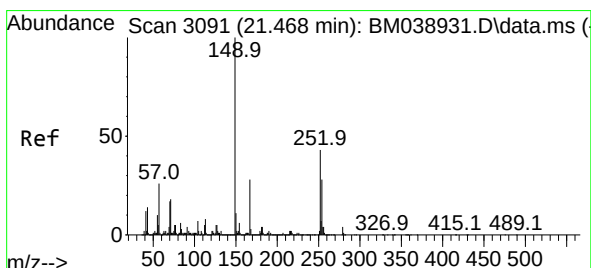
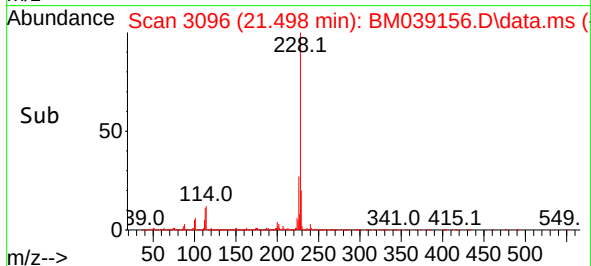
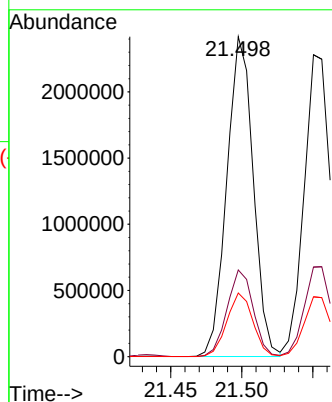
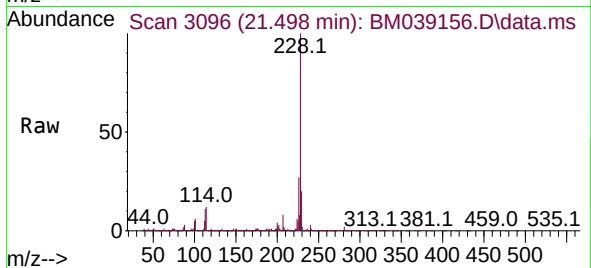
Tgt Ion:228 Resp: 3132141

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 45.913 ng

RT: 21.433 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

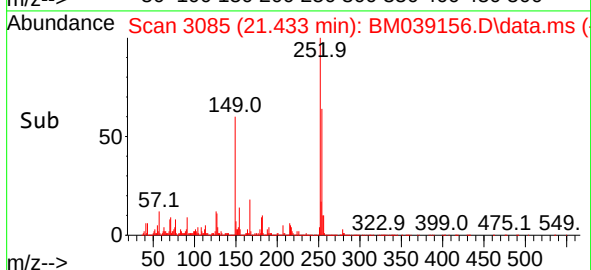
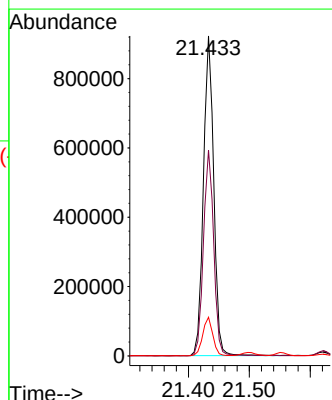
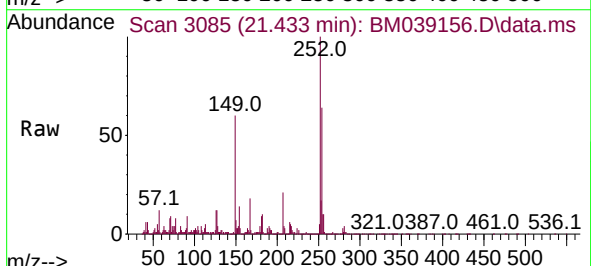
Tgt Ion:252 Resp: 1077854

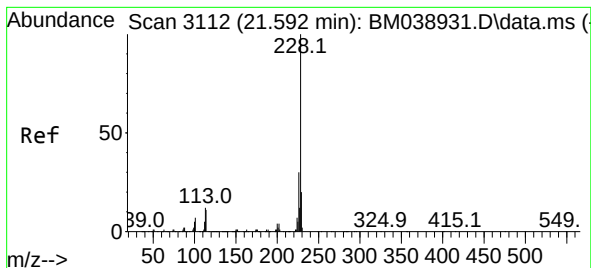
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 12.1 9.9 14.9





#83

Chrysene

Concen: 39.891 ng

RT: 21.550 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

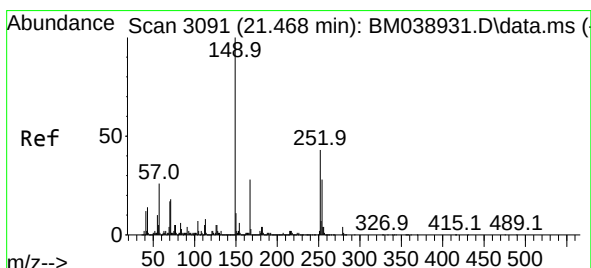
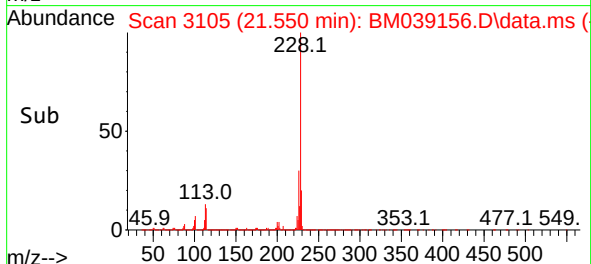
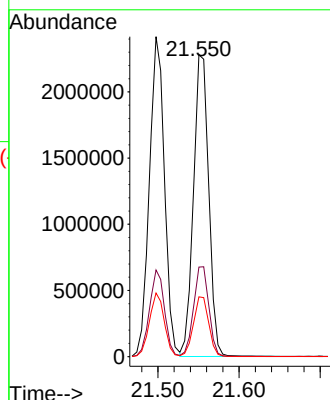
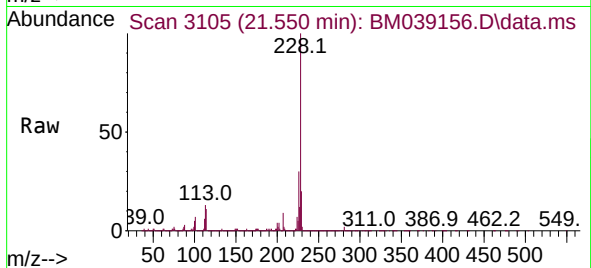
Tgt Ion:228 Resp: 2963579

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.697 ng

RT: 21.421 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

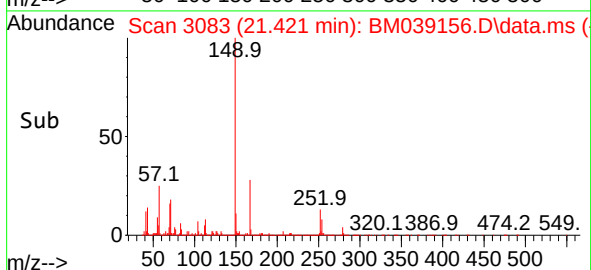
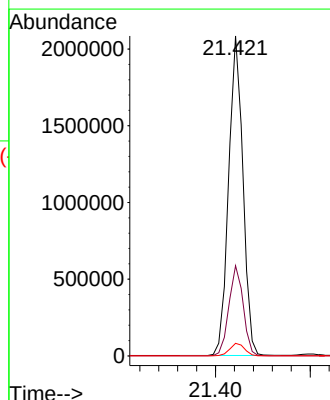
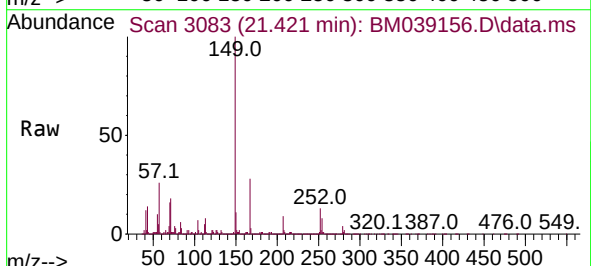
Tgt Ion:149 Resp: 2180348

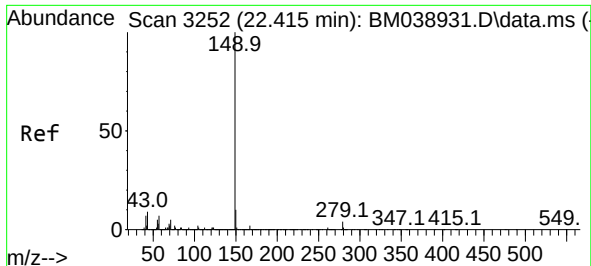
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 3.9 3.2 4.8

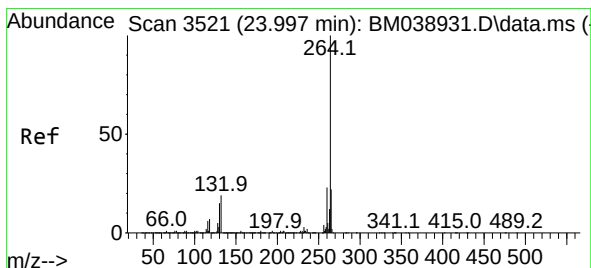
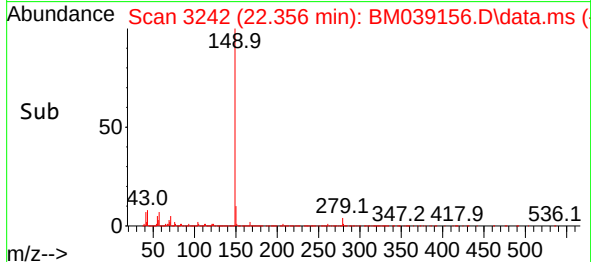
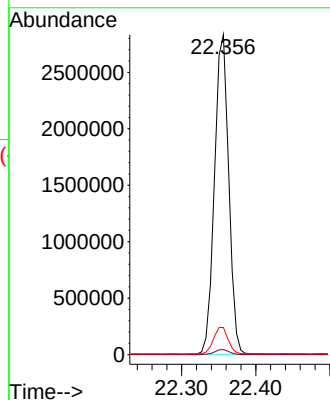
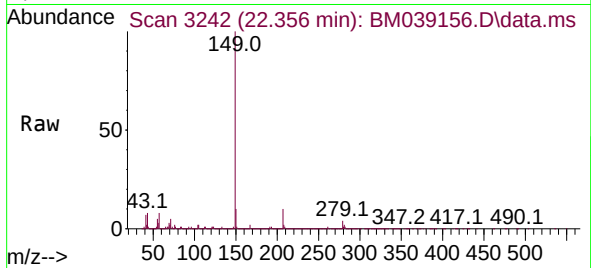




#85
Di-n-octyl phthalate
Concen: 46.761 ng
RT: 22.356 min Scan# 311
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

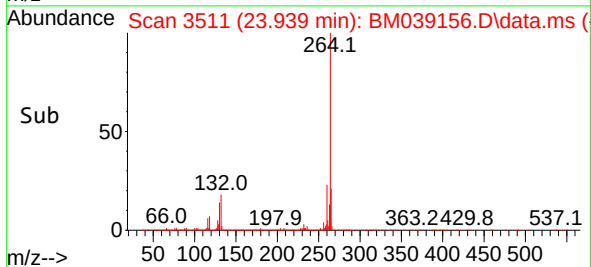
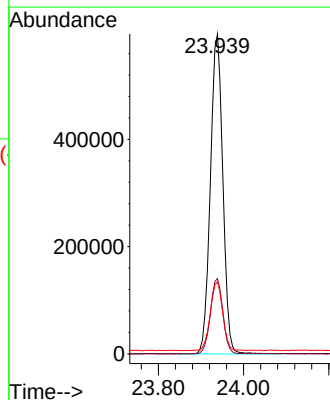
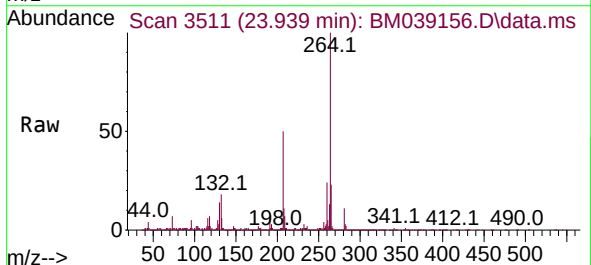
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

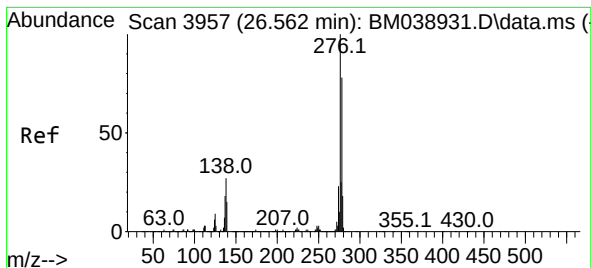
Tgt Ion:149 Resp: 3791998
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.939 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BM039156.D
Acq: 27 Mar 2023 11:39

Tgt Ion:264 Resp: 1207038
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 22.5 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.109 ng

RT: 26.468 min Scan# 3957

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

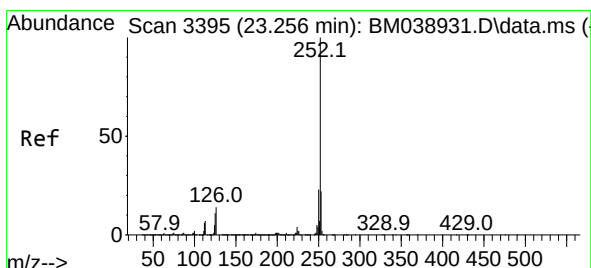
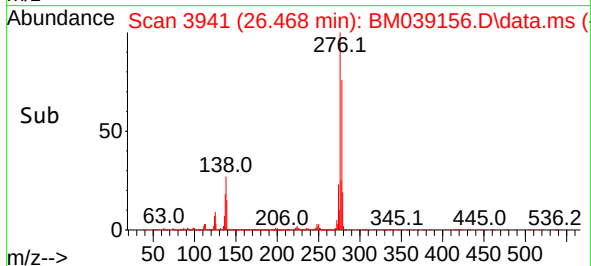
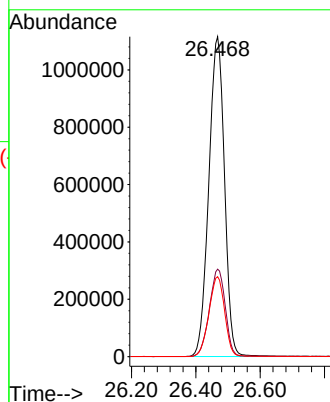
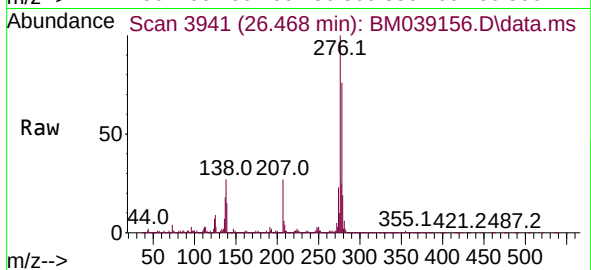
Tgt Ion:276 Resp: 3775734

Ion Ratio Lower Upper

276 100

138 27.8 22.1 33.1

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.226 ng

RT: 23.197 min Scan# 3385

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

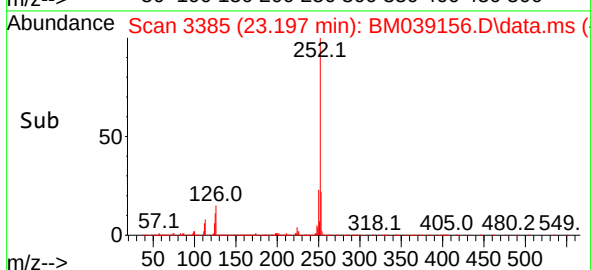
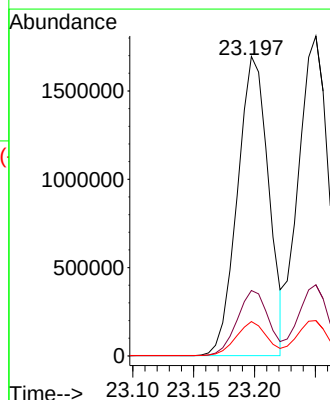
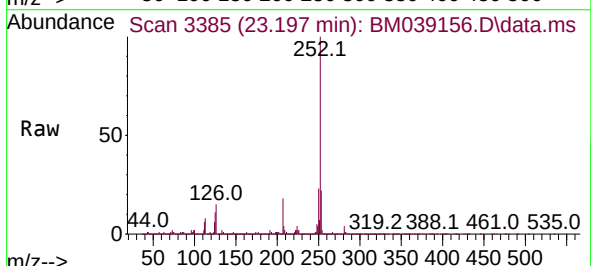
Tgt Ion:252 Resp: 3024886

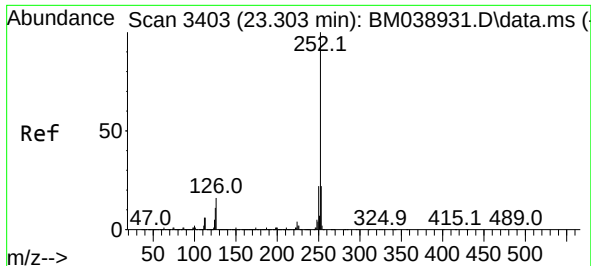
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.4 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 39.038 ng

RT: 23.250 min Scan# 3403

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

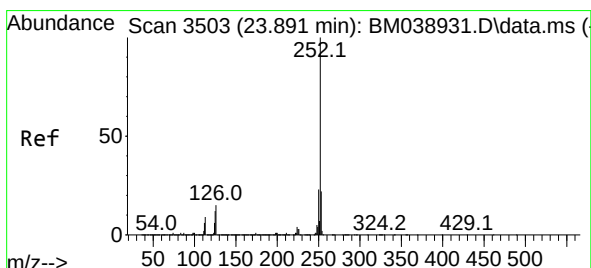
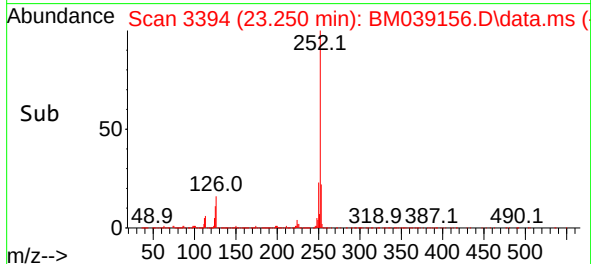
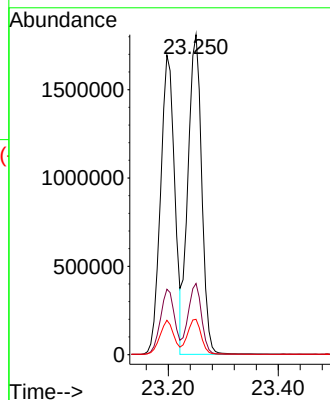
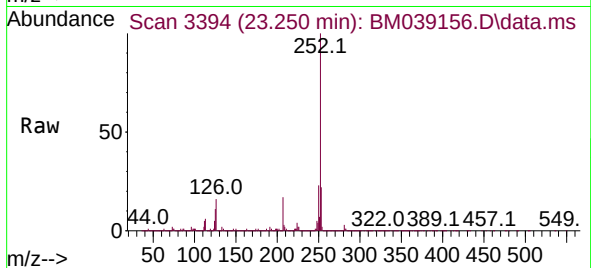
Tgt Ion:252 Resp: 3132888

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 11.0 8.9 13.3



#90

Benzo(a)pyrene

Concen: 40.836 ng

RT: 23.833 min Scan# 3493

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

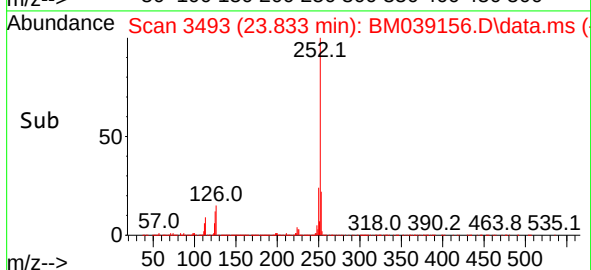
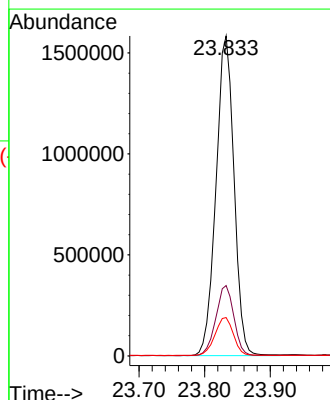
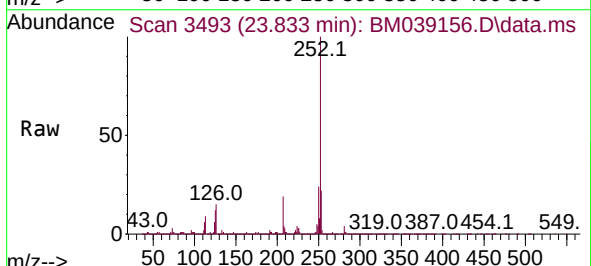
Tgt Ion:252 Resp: 3030697

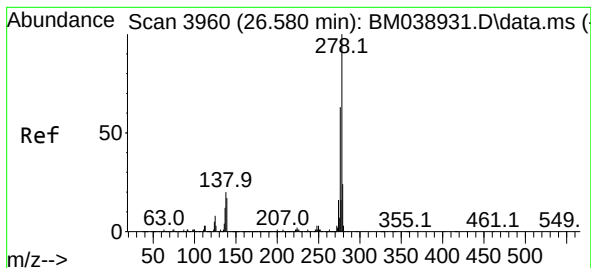
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 12.0 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 40.659 ng

RT: 26.480 min Scan# 39

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

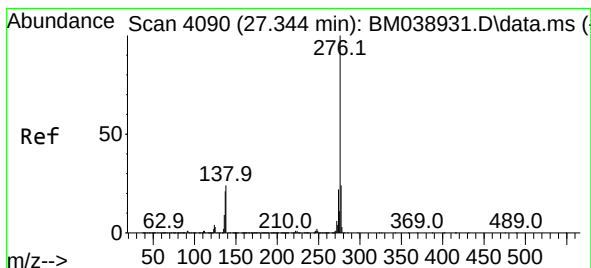
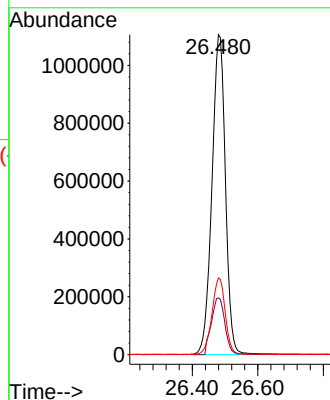
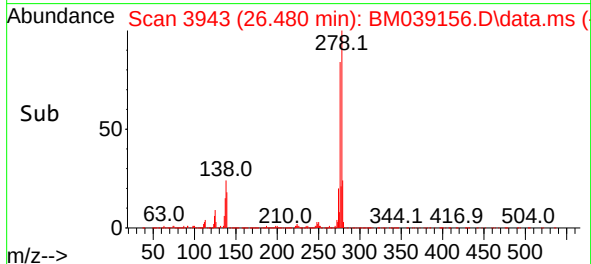
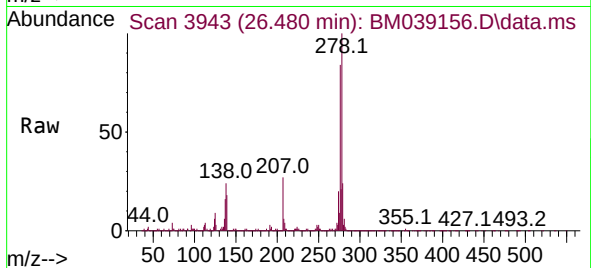
Tgt Ion:278 Resp: 3162542

Ion Ratio Lower Upper

278 100

139 17.7 13.7 20.5

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.950 ng

RT: 27.244 min Scan# 4073

Delta R.T. 0.000 min

Lab File: BM039156.D

Acq: 27 Mar 2023 11:39

Tgt Ion:276 Resp: 3116296

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 24.3 19.0 28.6

