

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039544.D
 Acq On : 21 Apr 2023 10:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 22 01:41:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	207820	20.000	ng	0.00
21) Naphthalene-d8	10.631	136	896544	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	557351	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	1170765	20.000	ng	0.00
76) Chrysene-d12	21.424	240	1051087	20.000	ng	0.00
86) Perylene-d12	23.788	264	1028228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1085513	85.340	ng	0.00
7) Phenol-d6	7.007	99	1557029	83.293	ng	0.00
23) Nitrobenzene-d5	8.995	82	1554785	84.925	ng	0.00
42) 2,4,6-Tribromophenol	15.977	330	608998	84.203	ng	0.00
45) 2-Fluorobiphenyl	13.101	172	3436553	85.313	ng	0.00
79) Terphenyl-d14	19.865	244	5048553	86.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.249	88	225960	43.001	ng	99
3) Pyridine	3.660	79	671571	43.409	ng	99
4) n-Nitrosodimethylamine	3.578	42	280980	44.549	ng	96
6) Aniline	7.154	93	966194	40.968	ng	99
8) 2-Chlorophenol	7.390	128	583847	40.474	ng	100
9) Benzaldehyde	6.966	77	349476	36.257	ng	99
10) Phenol	7.031	94	766461	41.797	ng	98
11) bis(2-Chloroethyl)ether	7.254	93	646744	41.123	ng	98
12) 1,3-Dichlorobenzene	7.707	146	609234	40.532	ng	99
13) 1,4-Dichlorobenzene	7.854	146	616385	40.904	ng	98
14) 1,2-Dichlorobenzene	8.172	146	601182	40.171	ng	100
15) Benzyl Alcohol	8.078	79	531952	39.041	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.360	45	883419	39.819	ng	100
17) 2-Methylphenol	8.284	107	543216	40.119	ng	98
18) Hexachloroethane	8.895	117	241581	40.321	ng	97
19) n-Nitroso-di-n-propyla...	8.642	70	557004	39.379	ng	99
20) 3+4-Methylphenols	8.613	107	764657	41.084	ng	97
22) Acetophenone	8.654	105	996345	41.938	ng	99
24) Nitrobenzene	9.037	77	766353	42.501	ng	99
25) Isophorone	9.566	82	1543601	40.710	ng	100
26) 2-Nitrophenol	9.748	139	342364	42.075	ng	97
27) 2,4-Dimethylphenol	9.819	122	582269	41.407	ng	99
28) bis(2-Chloroethoxy)met...	10.048	93	893361	41.449	ng	99
29) 2,4-Dichlorophenol	10.289	162	579745	42.579	ng	100
30) 1,2,4-Trichlorobenzene	10.489	180	597219	41.441	ng	100
31) Naphthalene	10.678	128	1997847	41.241	ng	100
32) Benzoic acid	10.007	122	419683	38.344	ng	99
33) 4-Chloroaniline	10.801	127	859089	41.979	ng	99
34) Hexachlorobutadiene	10.954	225	358323	41.868	ng	99
35) Caprolactam	11.613	113	210555	38.775	ng	95
36) 4-Chloro-3-methylphenol	11.942	107	683021	41.213	ng	99
37) 2-Methylnaphthalene	12.295	142	1456592	40.915	ng	99
38) 1-Methylnaphthalene	12.513	142	1373069	40.929	ng	100
40) 1,2,4,5-Tetrachloroben...	12.666	216	696158	42.823	ng	99
41) Hexachlorocyclopentadiene	12.636	237	342008	40.436	ng	96
43) 2,4,6-Trichlorophenol	12.913	196	481494	42.993	ng	98

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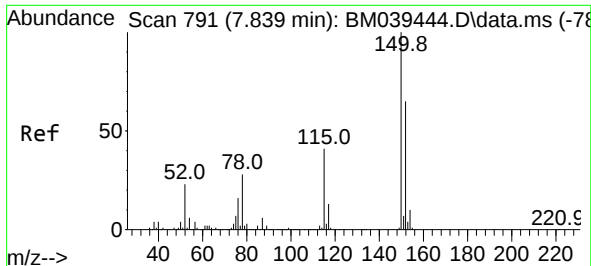
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	564316	42.636	ng	98
46) 1,1'-Biphenyl	13.313	154	1817049	42.317	ng	100
47) 2-Chloronaphthalene	13.354	162	1342270	42.051	ng	100
48) 2-Nitroaniline	13.577	65	465262	42.626	ng	97
49) Acenaphthylene	14.201	152	2272745	41.626	ng	100
50) Dimethylphthalate	13.948	163	1854023	41.094	ng	100
51) 2,6-Dinitrotoluene	14.071	165	397568	41.449	ng	95
52) Acenaphthene	14.542	154	1347797	41.691	ng	99
53) 3-Nitroaniline	14.407	138	416587	42.562	ng	99
54) 2,4-Dinitrophenol	14.618	184	216147	39.096	ng	96
55) Dibenzofuran	14.877	168	2164702	41.671	ng	100
56) 4-Nitrophenol	14.730	139	296062	40.077	ng	98
57) 2,4-Dinitrotoluene	14.860	165	546552	41.688	ng	95
58) Fluorene	15.530	166	1757404	41.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.113	232	459790	42.177	ng	99
60) Diethylphthalate	15.307	149	1902627	40.677	ng	99
61) 4-Chlorophenyl-phenyle...	15.524	204	881201	42.196	ng	98
62) 4-Nitroaniline	15.571	138	369678	39.247	ng	96
63) Azobenzene	15.818	77	1932214	42.392	ng	98
65) 4,6-Dinitro-2-methylph...	15.624	198	324781	44.303	ng	97
66) n-Nitrosodiphenylamine	15.748	169	1501266	42.295	ng	100
67) 4-Bromophenyl-phenylether	16.418	248	524643	42.570	ng	96
68) Hexachlorobenzene	16.530	284	561472	41.956	ng	100
69) Atrazine	16.701	200	495858	41.641	ng	99
70) Pentachlorophenol	16.883	266	402448	43.064	ng	99
71) Phenanthrene	17.277	178	2659780	41.895	ng	100
72) Anthracene	17.365	178	2725992	41.859	ng	100
73) Carbazole	17.642	167	2466547	41.643	ng	100
74) Di-n-butylphthalate	18.201	149	3446086	41.855	ng	100
75) Fluoranthene	19.295	202	3150527	40.904	ng	100
77) Benzidine	19.489	184	773649	32.483	ng	99
78) Pyrene	19.659	202	3276557	42.389	ng	100
80) Butylbenzylphthalate	20.559	149	1544108	40.284	ng	99
81) Benzo(a)anthracene	21.412	228	3083449	41.309	ng	100
82) 3,3'-Dichlorobenzidine	21.347	252	985434	39.995	ng	99
83) Chrysene	21.465	228	2948385	40.752	ng	99
84) Bis(2-ethylhexyl)phtha...	21.330	149	2331646	39.906	ng	99
85) Di-n-octyl phthalate	22.247	149	3733908	37.163	ng	99
87) Indeno(1,2,3-cd)pyrene	26.235	276	2718872	35.985	ng	99
88) Benzo(b)fluoranthene	23.071	252	2793289	44.556	ng	99
89) Benzo(k)fluoranthene	23.118	252	2788402	42.543	ng	99
90) Benzo(a)pyrene	23.683	252	2639464	42.362	ng	99
91) Dibenzo(a,h)anthracene	26.247	278	2261803	36.015	ng	100
92) Benzo(g,h,i)perylene	26.988	276	2135768	34.310	ng	99

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

SSTDCCC040

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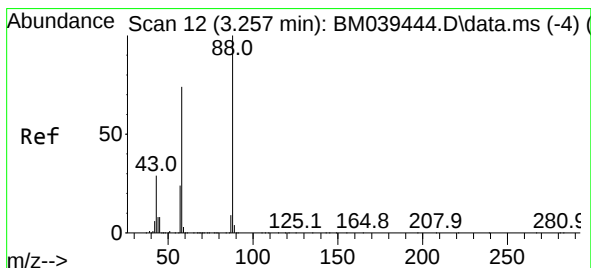
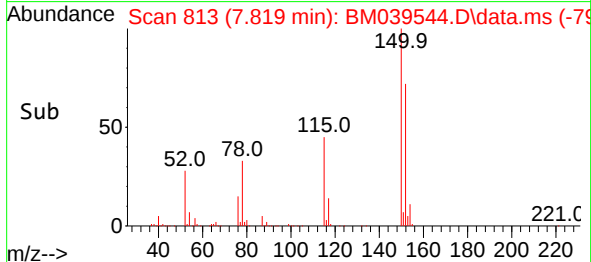
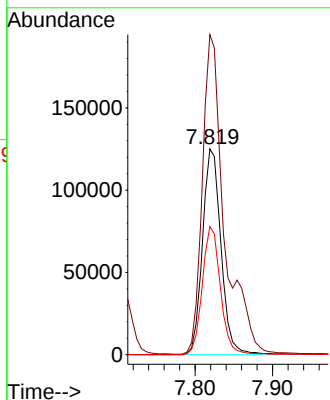
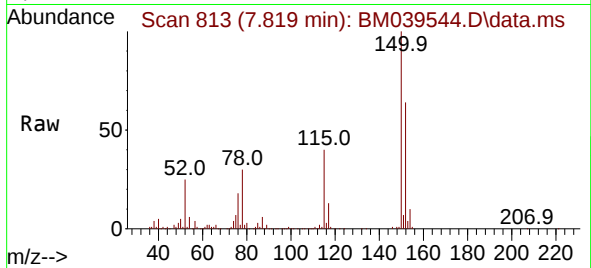




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

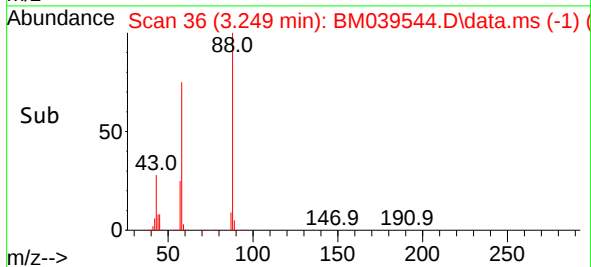
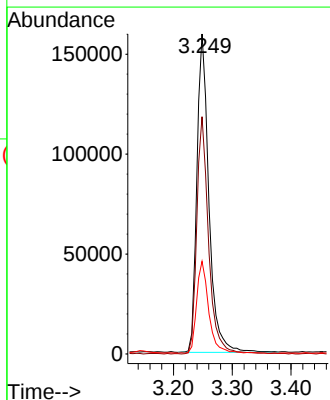
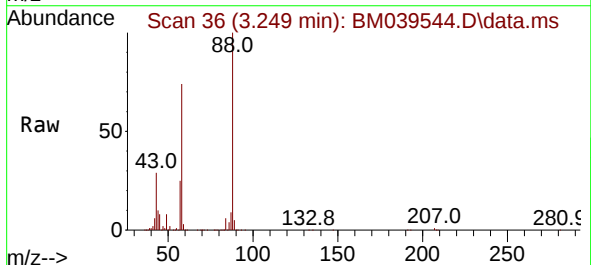
Instrument :
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SSTDCCC040

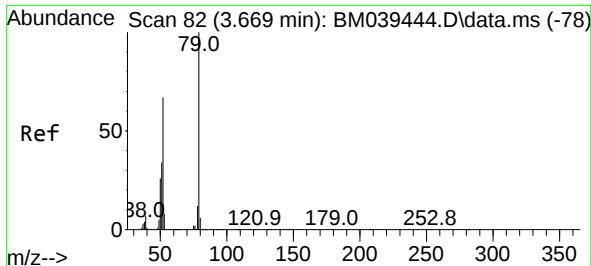
Tgt Ion:152 Resp: 207820
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 62.3 49.9 74.9



#2
1,4-Dioxane
Concen: 43.001 ng
RT: 3.249 min Scan# 36
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion: 88 Resp: 225960
Ion Ratio Lower Upper
88 100
58 73.7 59.4 89.2
43 28.8 23.4 35.2

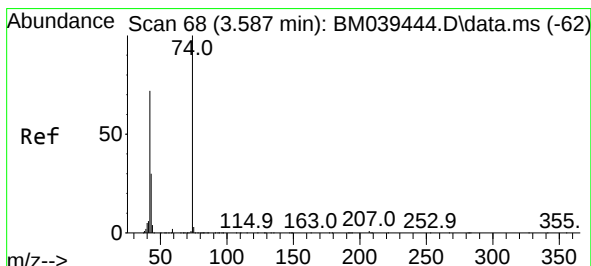
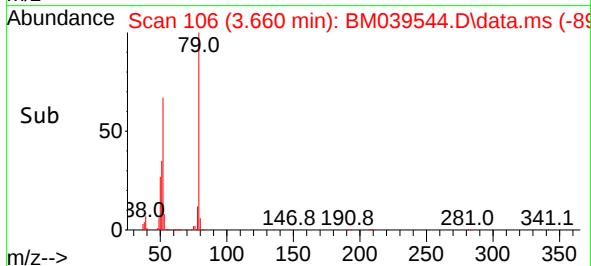
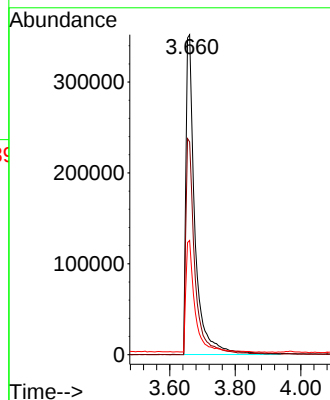
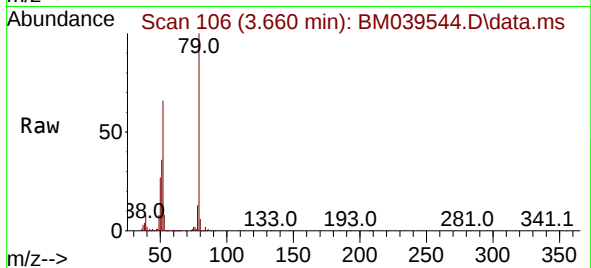




#3
 Pyridine
 Concen: 43.409 ng
 RT: 3.660 min Scan# 106
 Delta R.T. 0.000 min
 Lab File: BM039544.D
 Acq: 21 Apr 2023 10:03

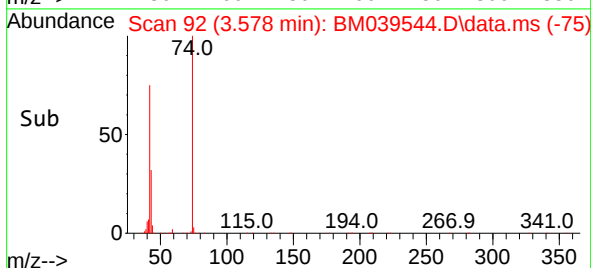
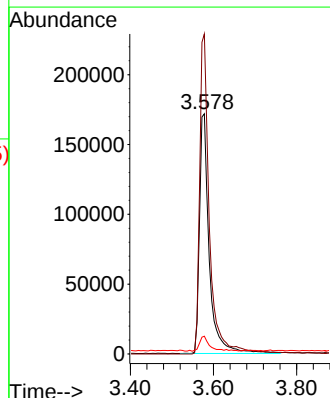
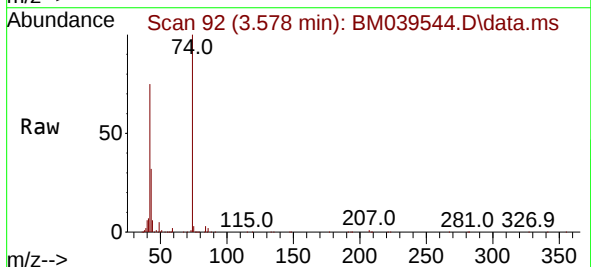
Instrument :
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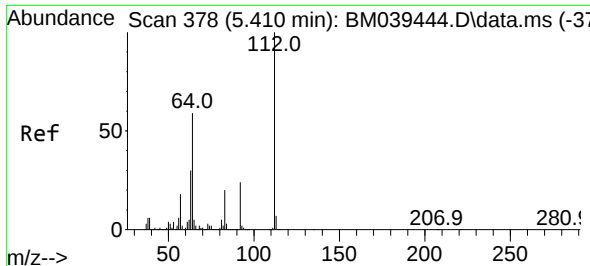
Tgt Ion: 79 Resp: 671571
 Ion Ratio Lower Upper
 79 100
 52 66.5 53.8 80.8
 51 35.7 27.7 41.5



#4
 n-Nitrosodimethylamine
 Concen: 44.549 ng
 RT: 3.578 min Scan# 92
 Delta R.T. 0.000 min
 Lab File: BM039544.D
 Acq: 21 Apr 2023 10:03

Tgt Ion: 42 Resp: 280980
 Ion Ratio Lower Upper
 42 100
 74 133.2 110.6 165.8
 44 7.4 5.5 8.3

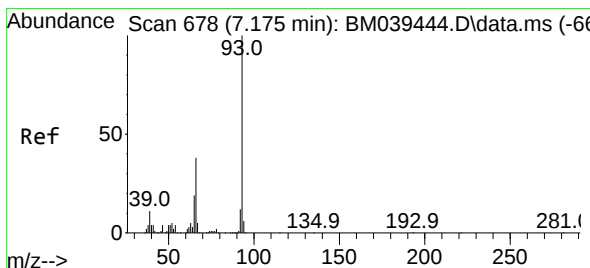
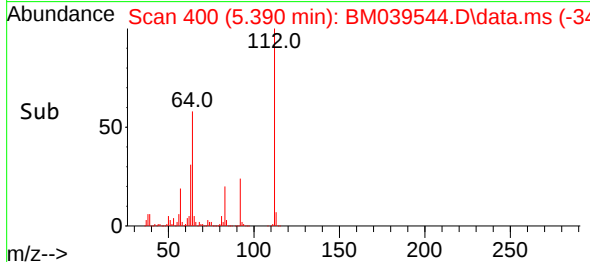
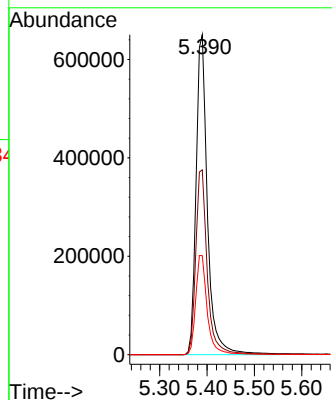
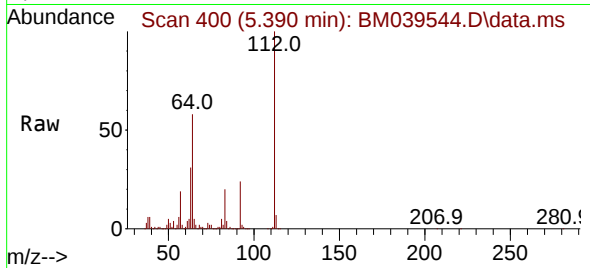




#5
2-Fluorophenol
Concen: 85.340 ng
RT: 5.390 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

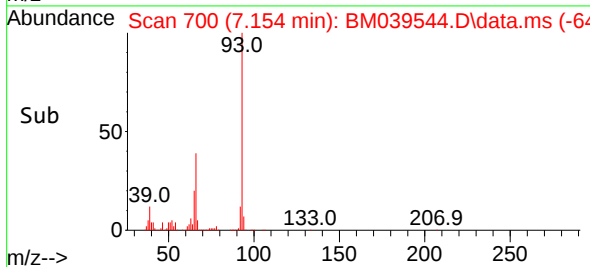
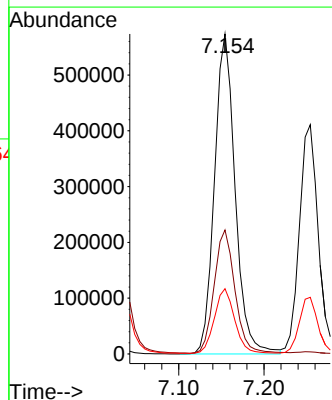
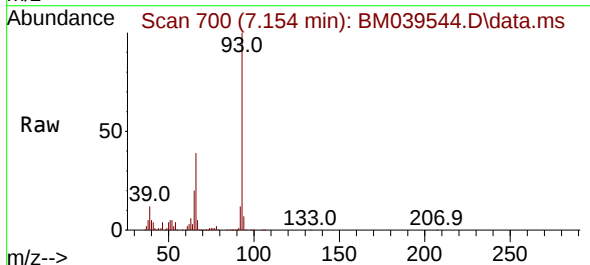
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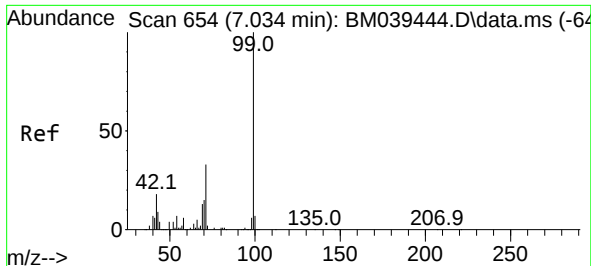
Tgt Ion:112 Resp: 1085513
Ion Ratio Lower Upper
112 100
64 57.8 47.0 70.4
63 31.0 24.2 36.4



#6
Aniline
Concen: 40.968 ng
RT: 7.154 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion: 93 Resp: 966194
Ion Ratio Lower Upper
93 100
66 38.8 30.6 46.0
65 20.4 15.7 23.5

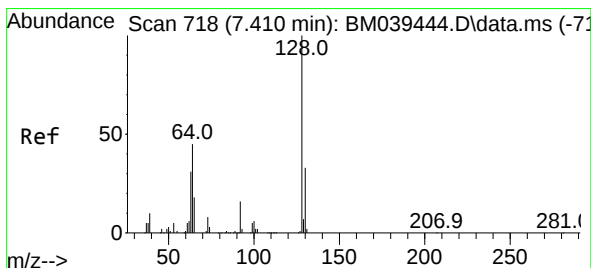
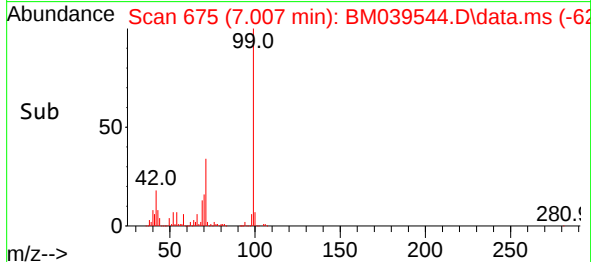
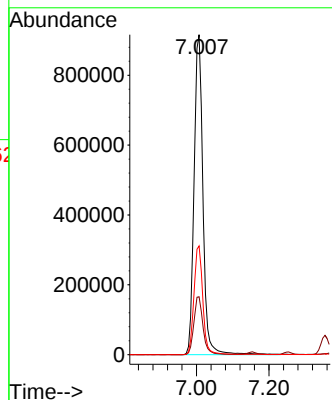
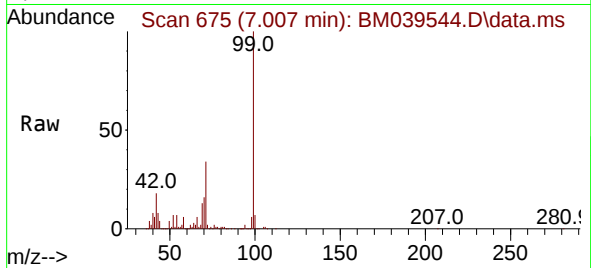




#7
Phenol-d6
Concen: 83.293 ng
RT: 7.007 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

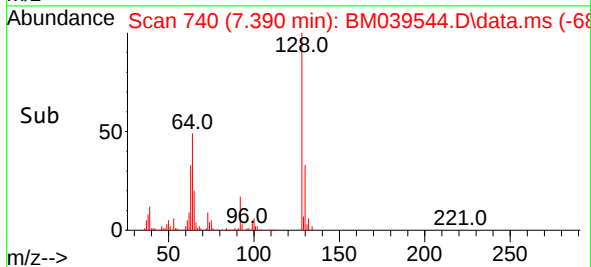
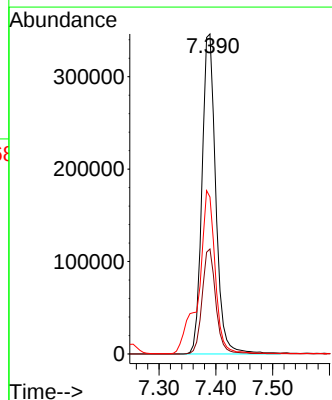
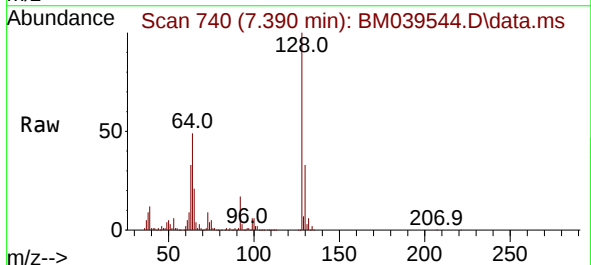
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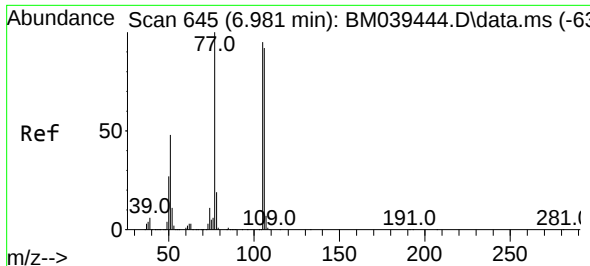
Tgt Ion: 99 Resp: 1557029
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 34.0 26.8 40.2



#8
2-Chlorophenol
Concen: 40.474 ng
RT: 7.390 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion: 128 Resp: 583847
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 49.1 29.0 69.0

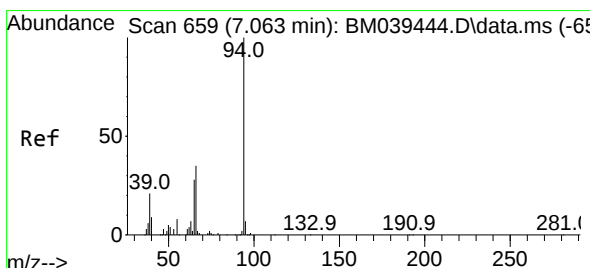
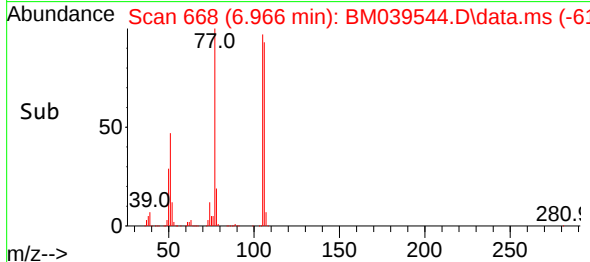
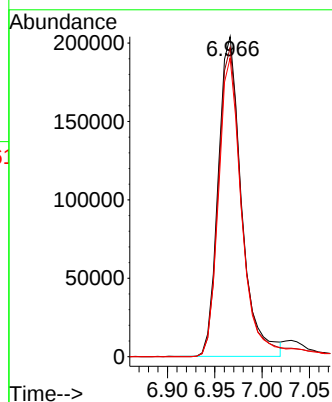
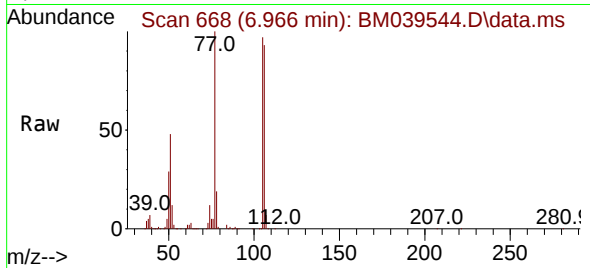




#9
Benzaldehyde
Concen: 36.257 ng
RT: 6.966 min Scan# 610
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

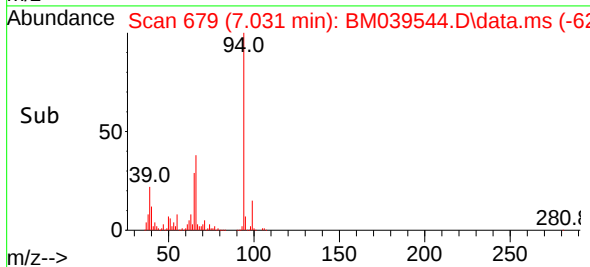
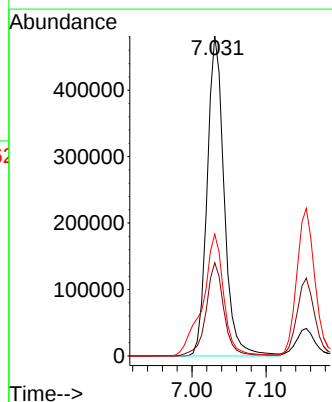
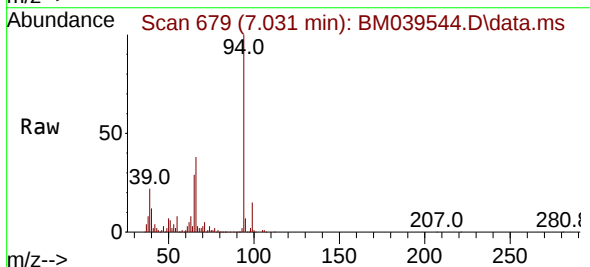
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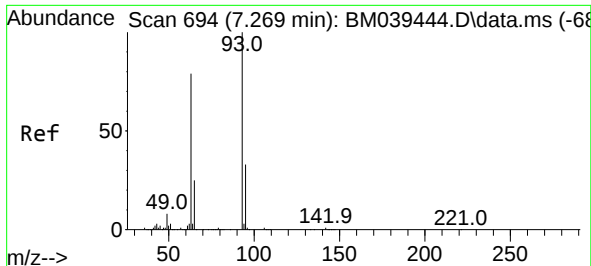
Tgt Ion: 77 Resp: 349476
Ion Ratio Lower Upper
77 100
105 96.6 75.3 115.3
106 93.4 71.9 111.9



#10
Phenol
Concen: 41.797 ng
RT: 7.031 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion: 94 Resp: 766461
Ion Ratio Lower Upper
94 100
65 29.1 8.2 48.2
66 38.1 16.7 56.7

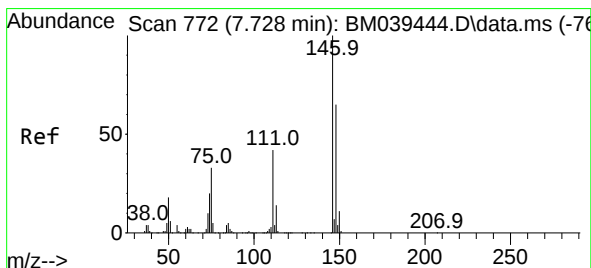
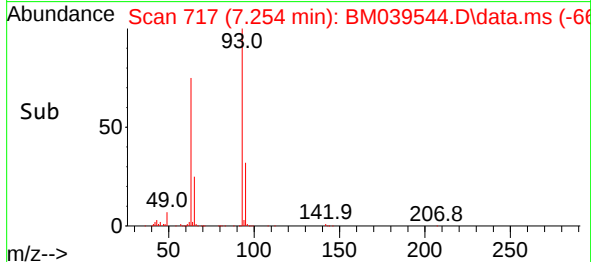
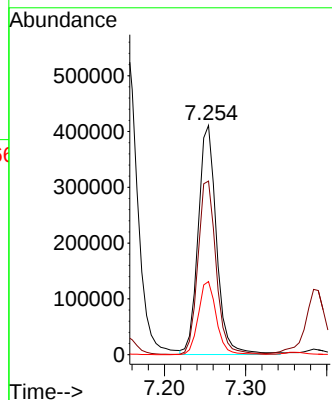
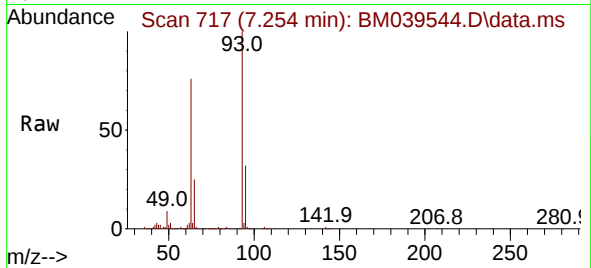




#11
bis(2-Chloroethyl)ether
Concen: 41.123 ng
RT: 7.254 min Scan# 717
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

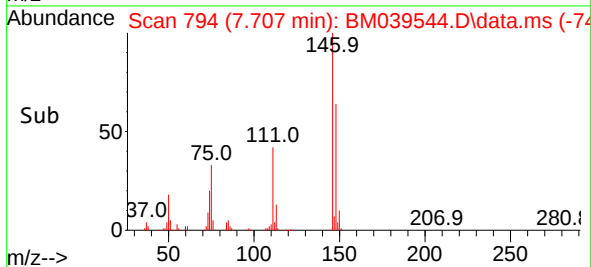
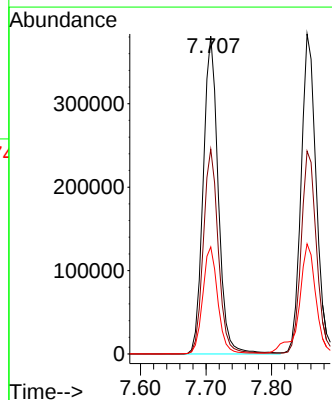
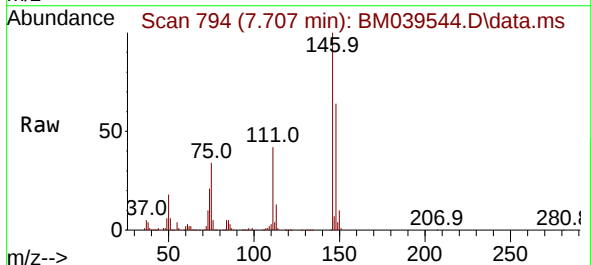
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

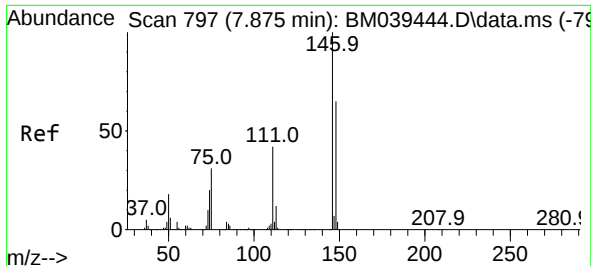
Tgt Ion: 93 Resp: 646744
Ion Ratio Lower Upper
93 100
63 75.7 58.1 98.1
95 31.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.532 ng
RT: 7.707 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:146 Resp: 609234
Ion Ratio Lower Upper
146 100
148 64.5 52.0 78.0
75 33.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 40.904 ng

RT: 7.854 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

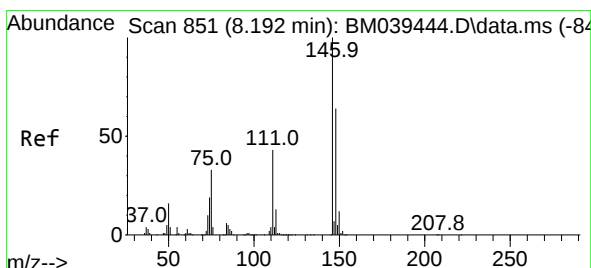
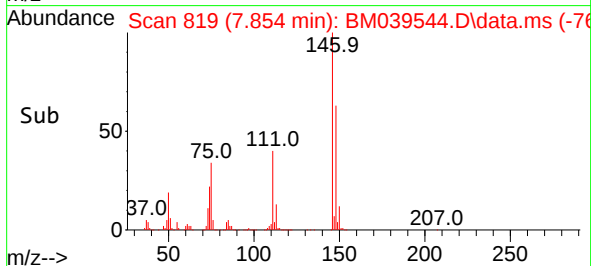
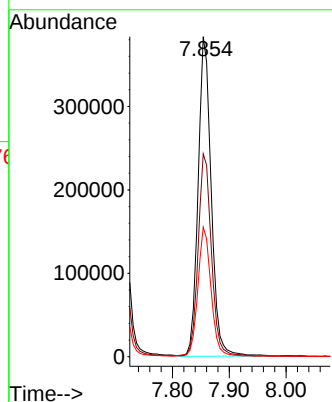
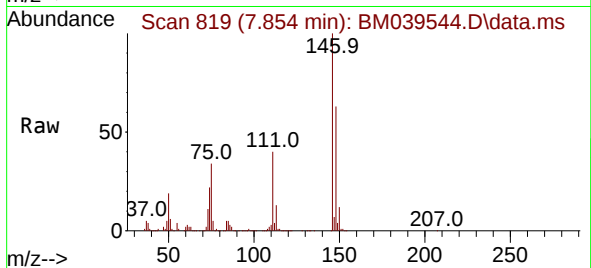
Tgt Ion:146 Resp: 616385

Ion Ratio Lower Upper

146 100

148 63.4 51.7 77.5

111 40.5 33.5 50.3



#14

1,2-Dichlorobenzene

Concen: 40.171 ng

RT: 8.172 min Scan# 873

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

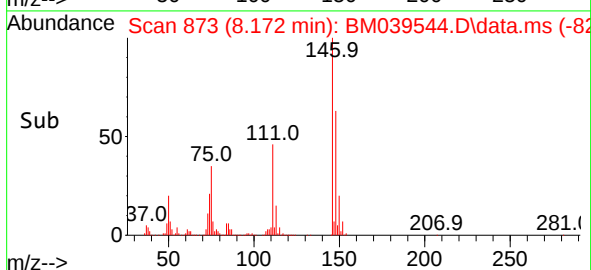
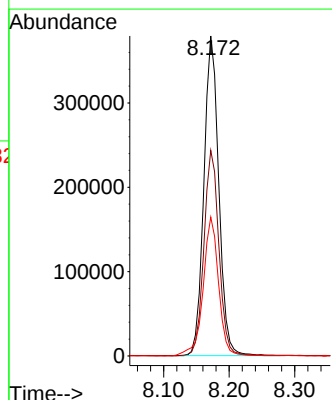
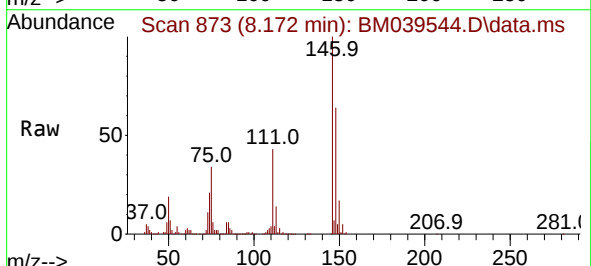
Tgt Ion:146 Resp: 601182

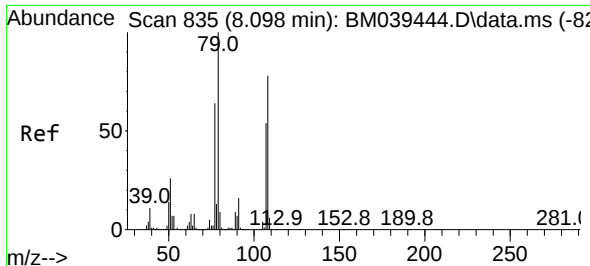
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 43.4 34.3 51.5

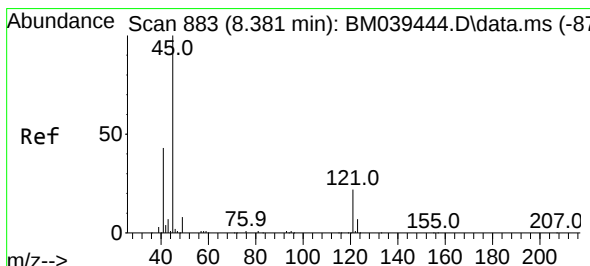
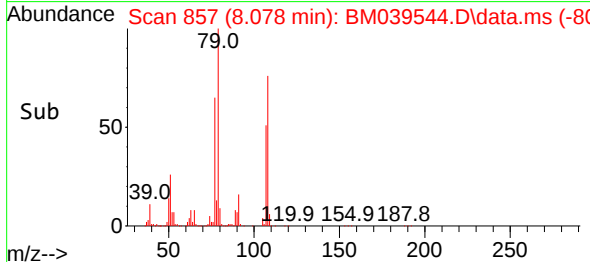
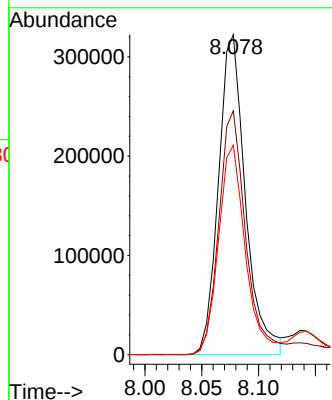
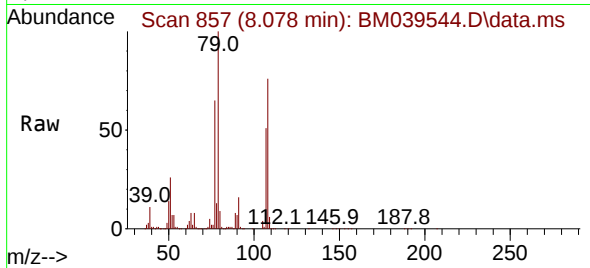




#15
Benzyl Alcohol
Concen: 39.041 ng
RT: 8.078 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

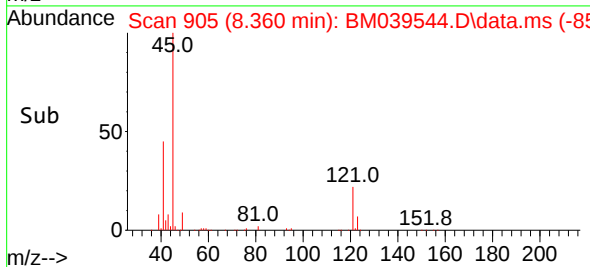
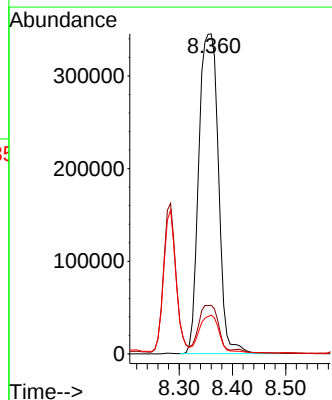
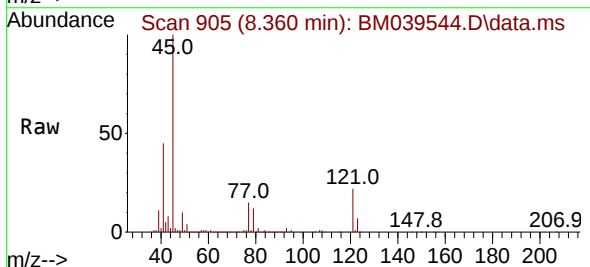
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

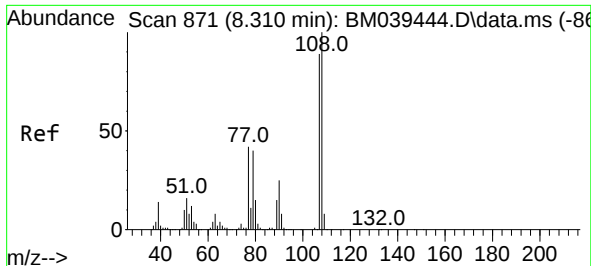
Tgt Ion: 79 Resp: 531952
Ion Ratio Lower Upper
79 100
108 76.2 62.6 93.8
77 65.4 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.819 ng
RT: 8.360 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion: 45 Resp: 883419
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.3
79 12.1 0.0 32.2

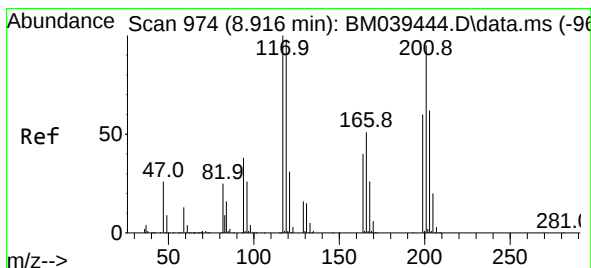
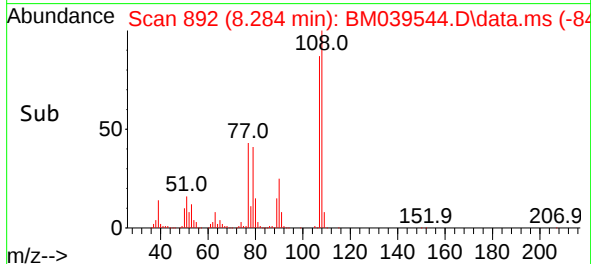
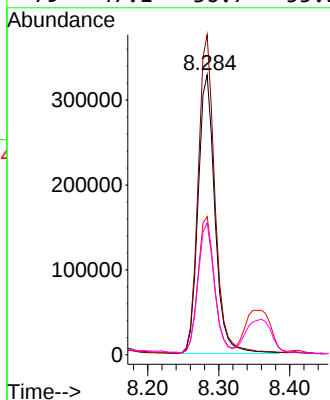
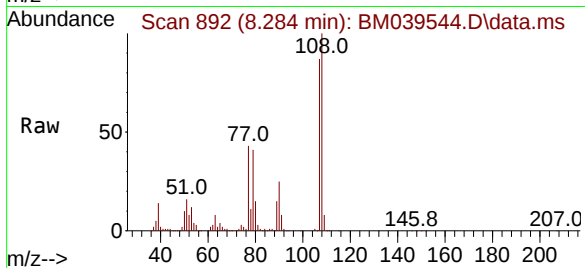




#17
2-Methylphenol
Concen: 40.119 ng
RT: 8.284 min Scan# 892
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

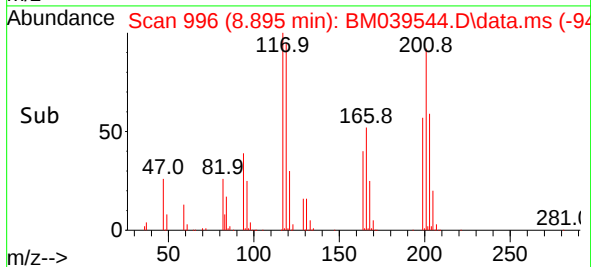
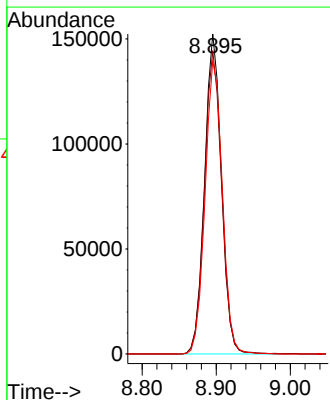
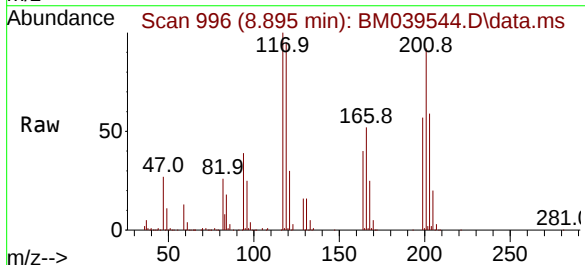
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

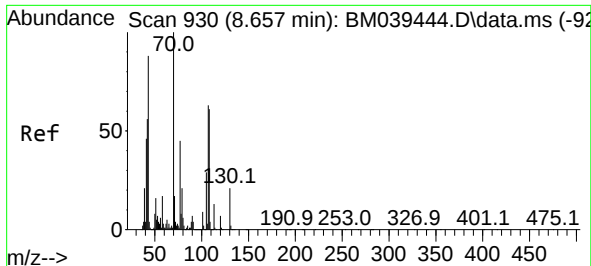
Tgt Ion:107 Resp: 543216
Ion Ratio Lower Upper
107 100
108 114.4 90.3 135.5
77 49.3 38.6 58.0
79 47.1 36.7 55.1



#18
Hexachloroethane
Concen: 40.321 ng
RT: 8.895 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:117 Resp: 241581
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.2
201 91.6 76.0 114.0



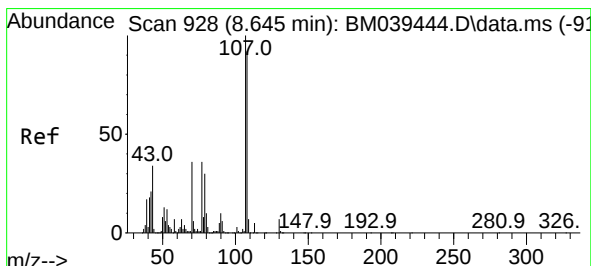
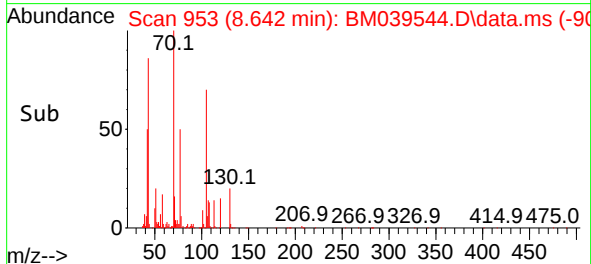
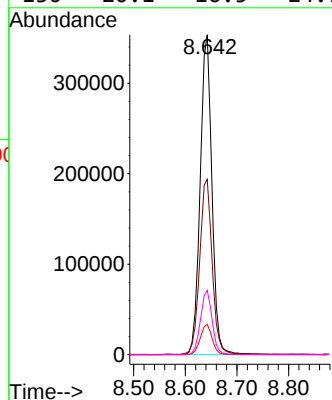
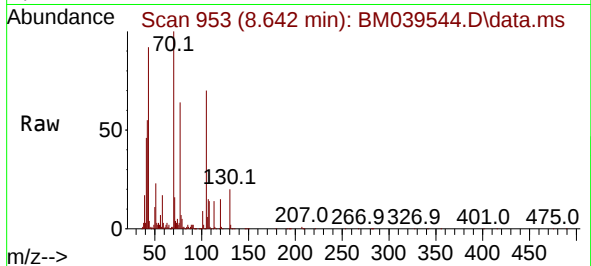


#19
n-Nitroso-di-n-propylamine
Concen: 39.379 ng
RT: 8.642 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 557004

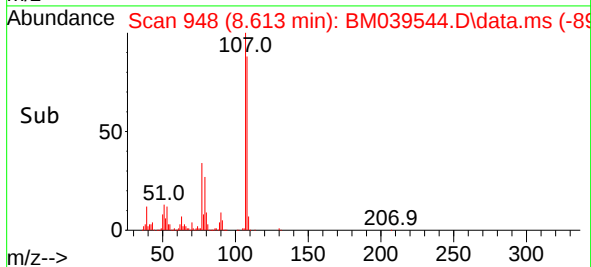
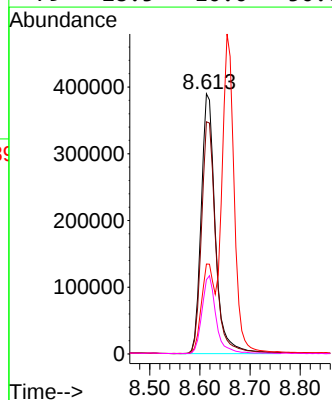
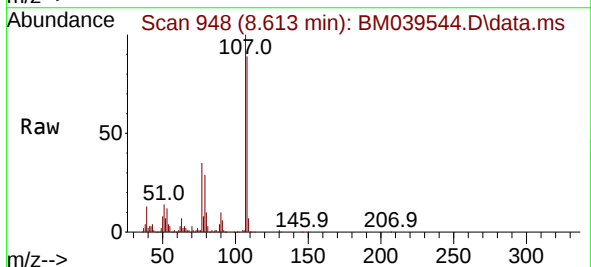
Ion	Ratio	Lower	Upper
70	100		
42	54.8	44.7	67.1
101	9.5	7.5	11.3
130	20.1	16.5	24.7

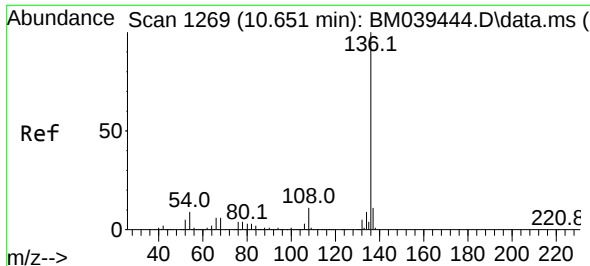


#20
3+4-Methylphenols
Concen: 41.084 ng
RT: 8.613 min Scan# 948
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion: 107 Resp: 764657

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.6	111.6
77	34.5	16.2	56.2
79	28.5	10.0	50.0

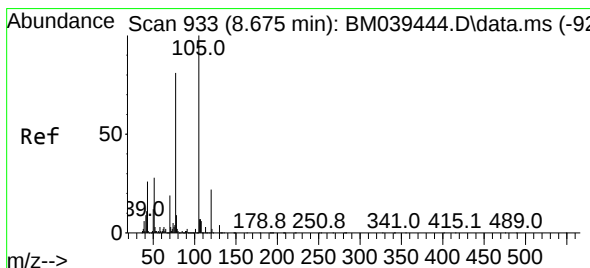
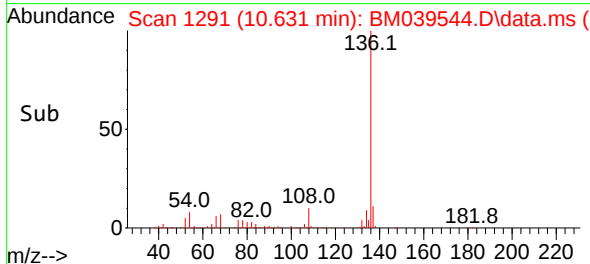
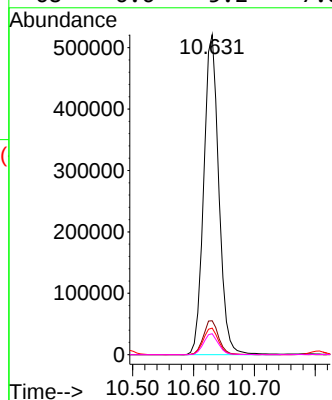
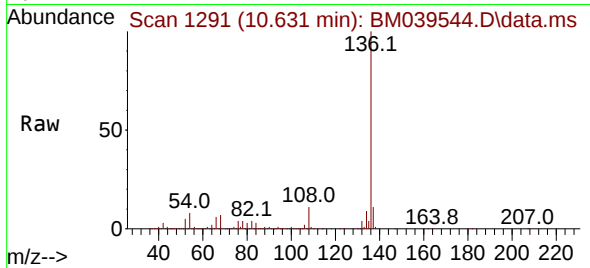




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

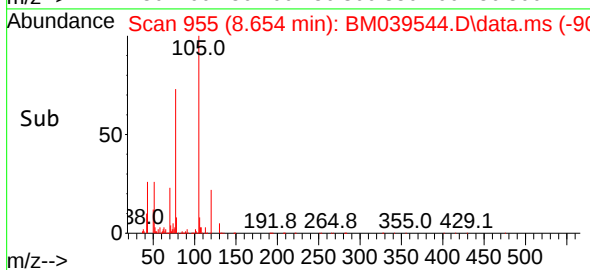
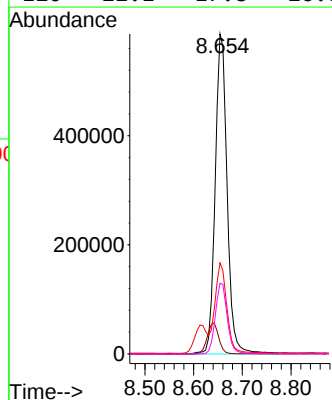
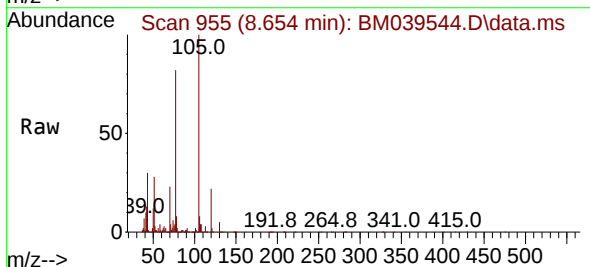
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

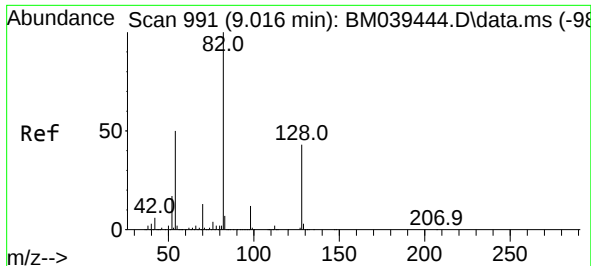
Tgt Ion:136 Resp: 896544
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 6.9 10.3
68 6.6 5.2 7.8



#22
Acetophenone
Concen: 41.938 ng
RT: 8.654 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:105 Resp: 996345
Ion Ratio Lower Upper
105 100
71 3.7 2.6 3.8
51 28.4 22.3 33.5
120 22.1 17.8 26.8

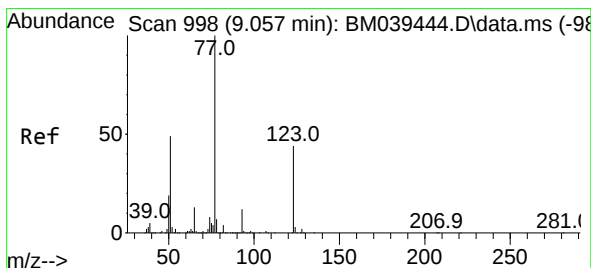
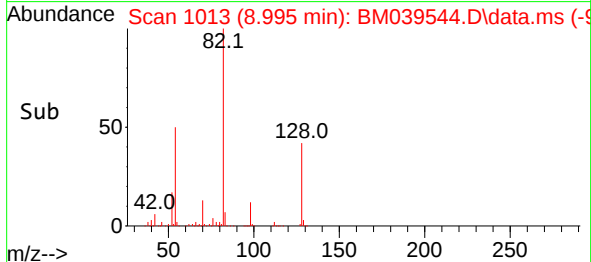
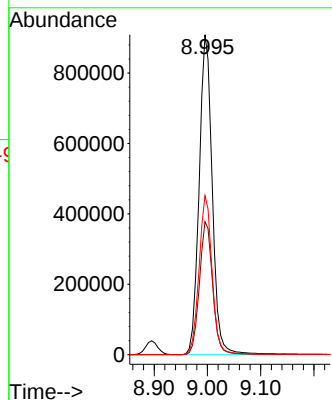
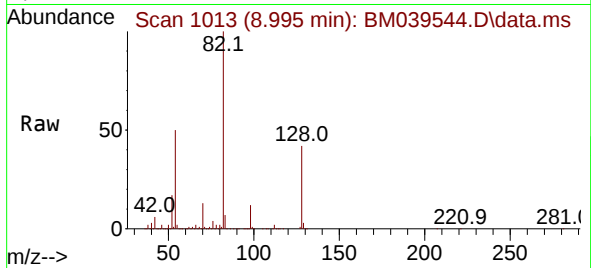




#23
Nitrobenzene-d5
Concen: 84.925 ng
RT: 8.995 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

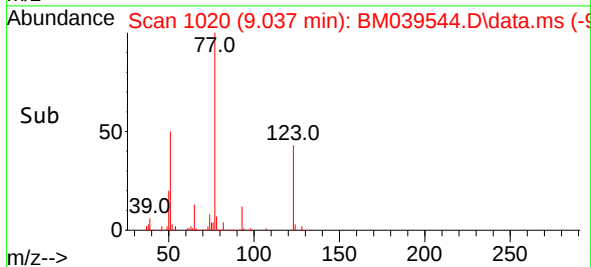
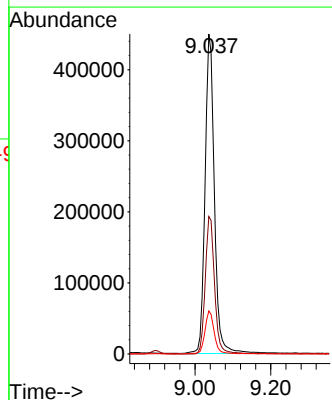
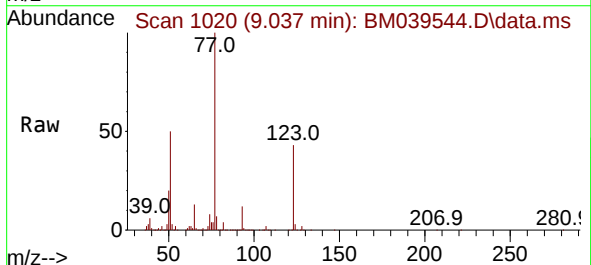
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

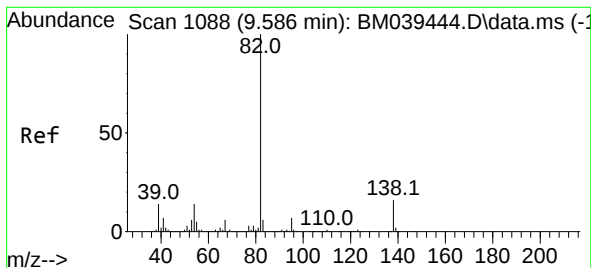
Tgt Ion: 82 Resp: 1554785
Ion Ratio Lower Upper
82 100
128 41.5 34.2 51.2
54 49.7 39.7 59.5



#24
Nitrobenzene
Concen: 42.501 ng
RT: 9.037 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion: 77 Resp: 766353
Ion Ratio Lower Upper
77 100
123 43.0 35.0 52.6
65 13.4 10.4 15.6





#25

Isophorone

Concen: 40.710 ng

RT: 9.566 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

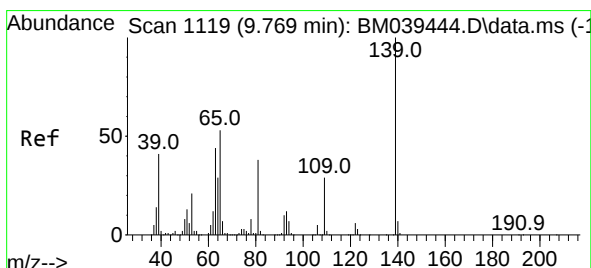
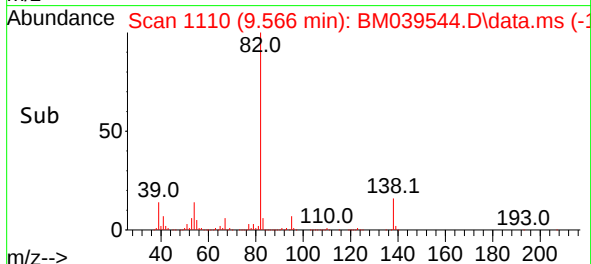
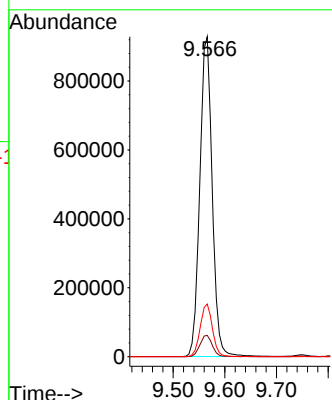
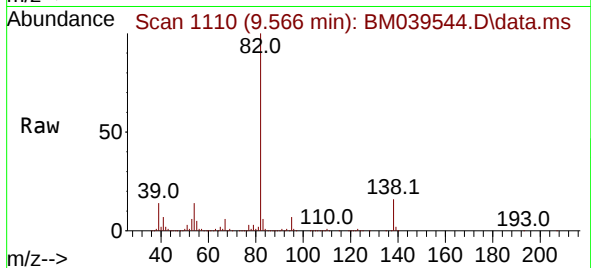
Tgt Ion: 82 Resp: 1543601

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.4 13.1 19.7



#26

2-Nitrophenol

Concen: 42.075 ng

RT: 9.748 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

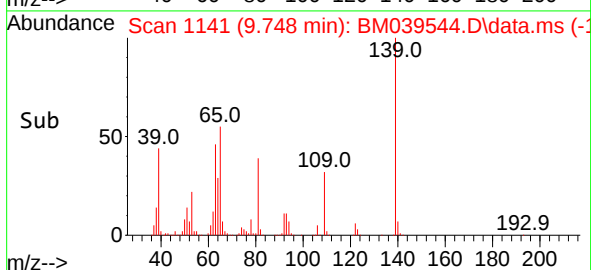
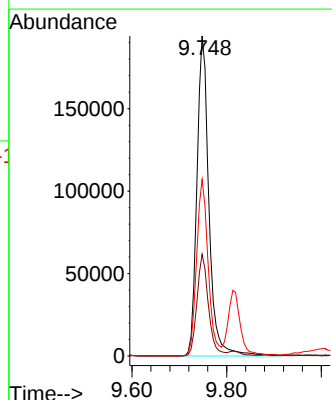
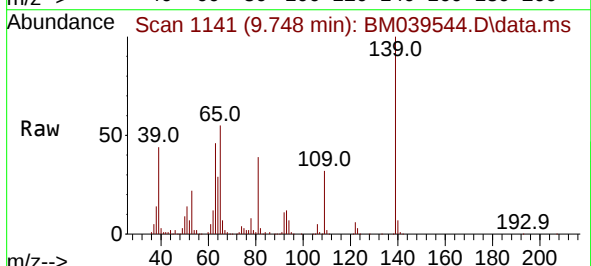
Tgt Ion:139 Resp: 342364

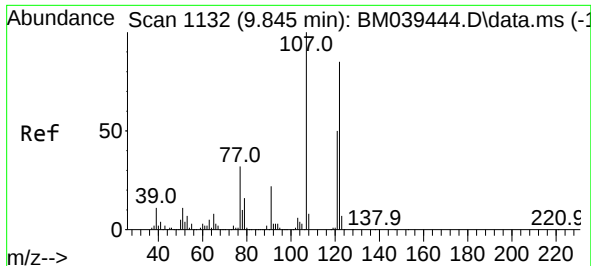
Ion Ratio Lower Upper

139 100

109 31.8 23.0 34.6

65 55.2 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 41.407 ng

RT: 9.819 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

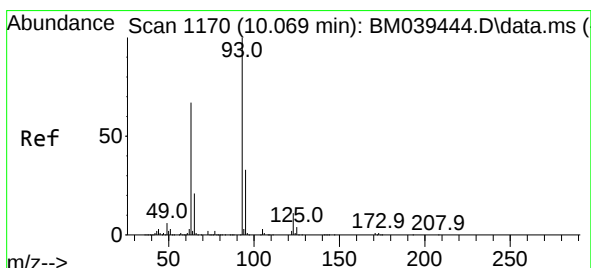
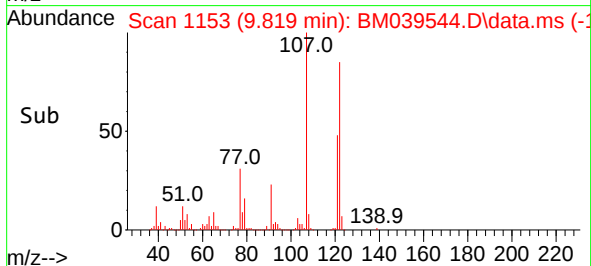
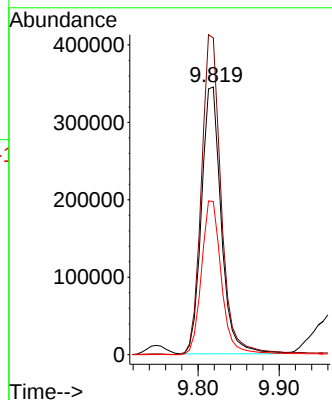
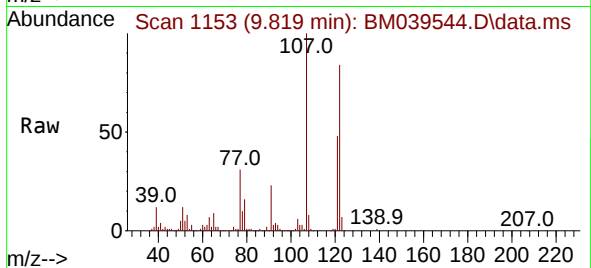
Tgt Ion:122 Resp: 582269

Ion Ratio Lower Upper

122 100

107 118.4 94.3 141.5

121 57.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.449 ng

RT: 10.048 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

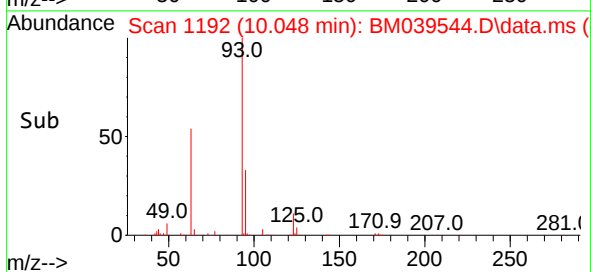
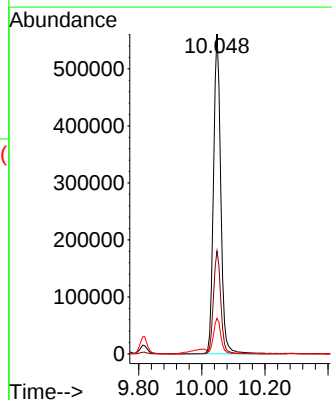
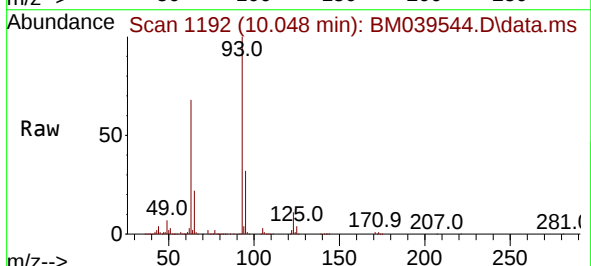
Tgt Ion: 93 Resp: 893361

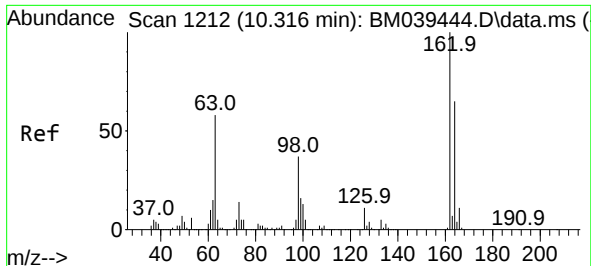
Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.579 ng

RT: 10.289 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

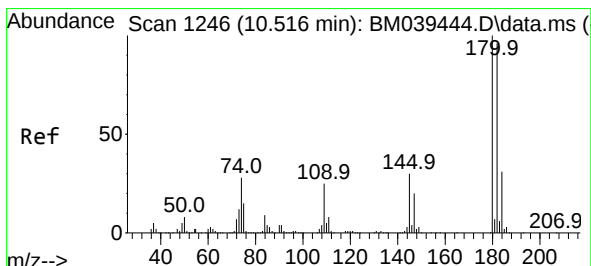
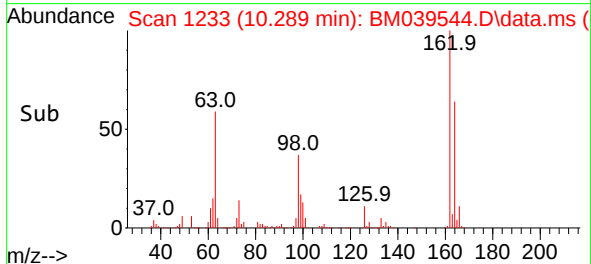
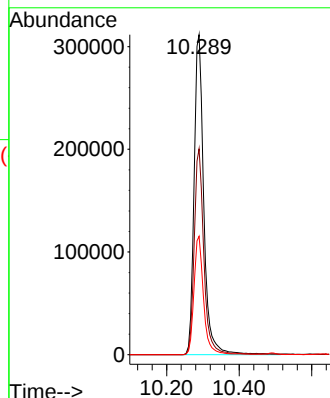
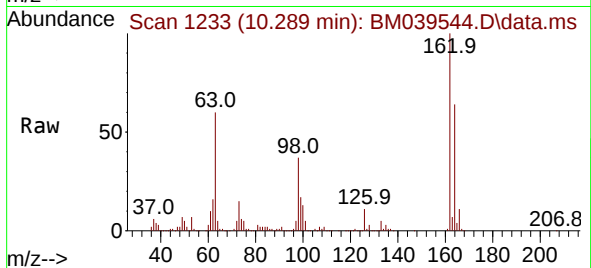
Tgt Ion:162 Resp: 579745

Ion Ratio Lower Upper

162 100

164 64.3 44.7 84.7

98 37.0 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 41.441 ng

RT: 10.489 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

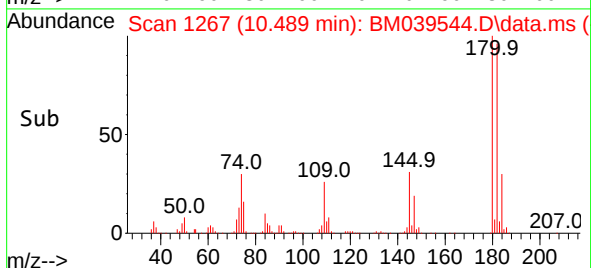
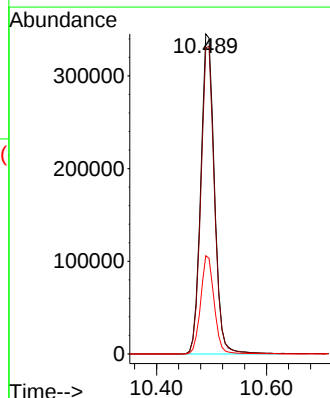
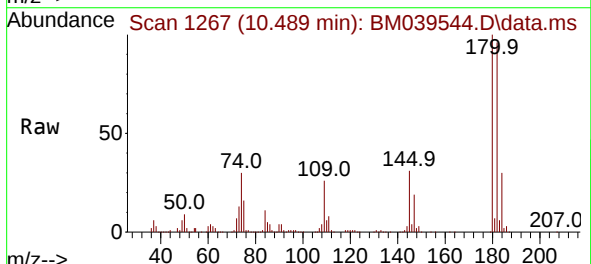
Tgt Ion:180 Resp: 597219

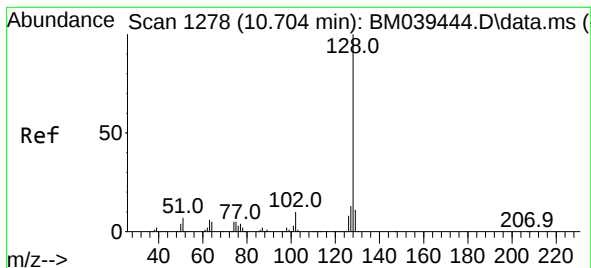
Ion Ratio Lower Upper

180 100

182 95.7 76.5 114.7

145 30.7 24.2 36.4

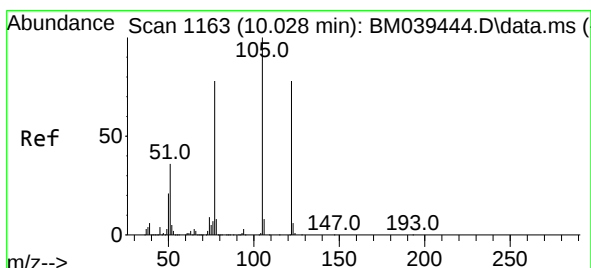
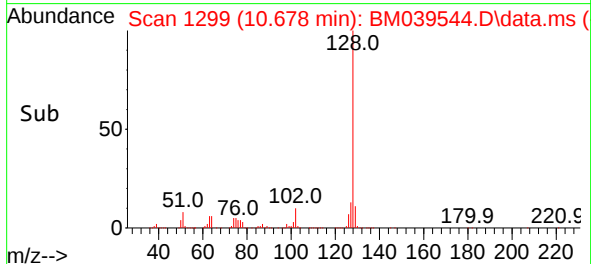
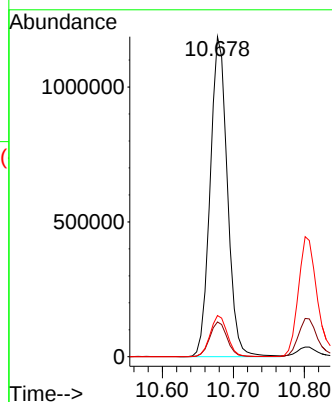
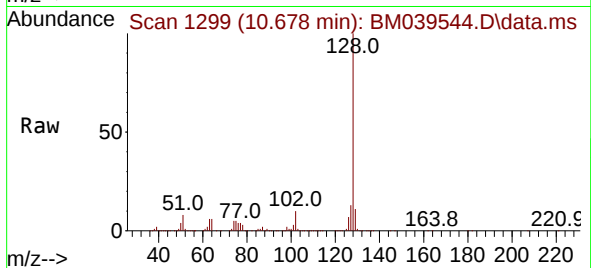




#31
Naphthalene
Concen: 41.241 ng
RT: 10.678 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

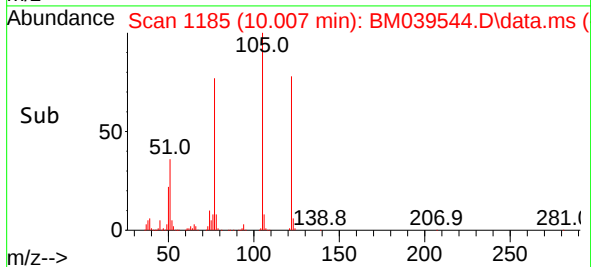
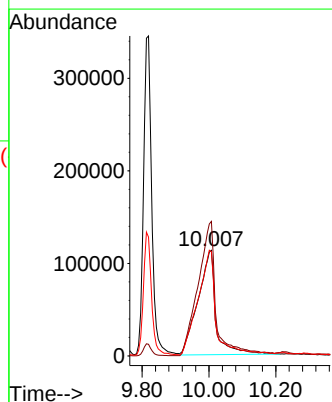
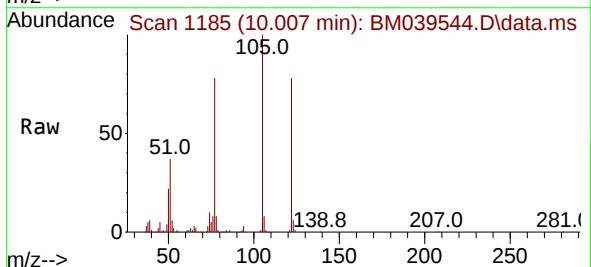
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

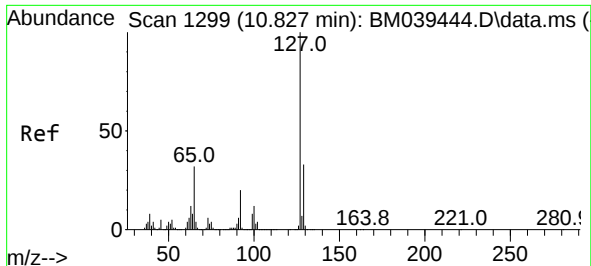
Tgt Ion:128 Resp: 1997847
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 38.344 ng
RT: 10.007 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:122 Resp: 419683
Ion Ratio Lower Upper
122 100
105 127.5 105.9 145.9
77 98.9 78.8 118.8

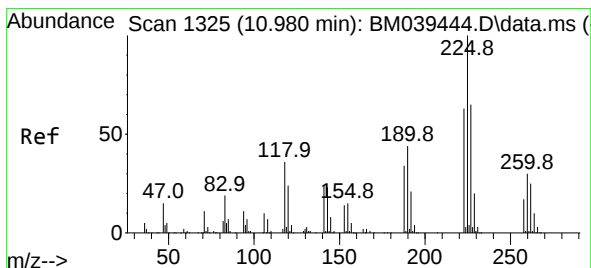
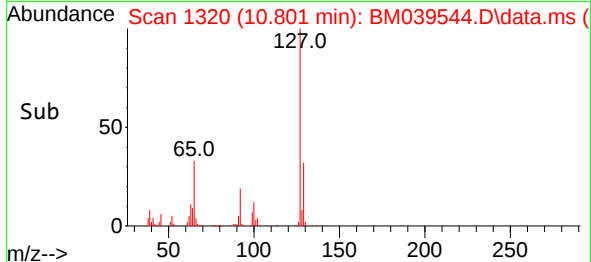
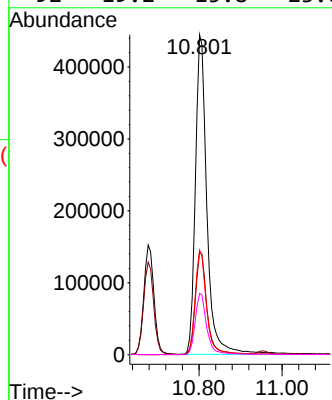
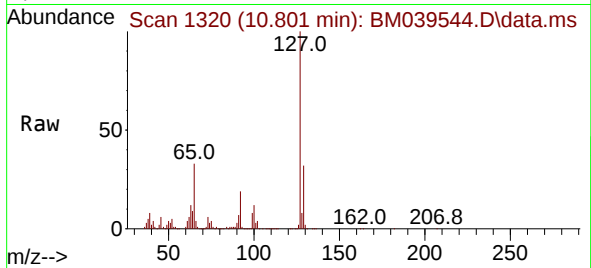




#33
4-Chloroaniline
Concen: 41.979 ng
RT: 10.801 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

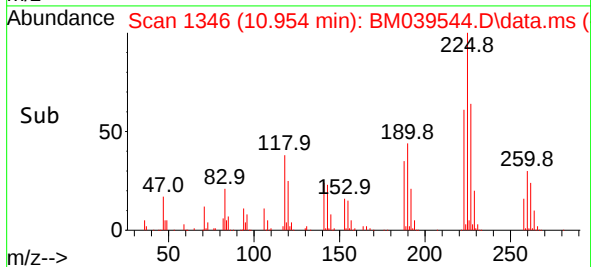
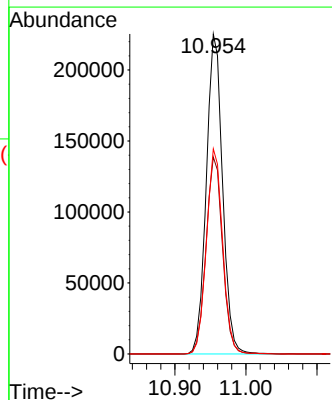
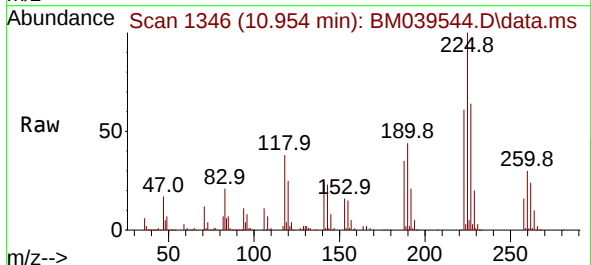
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

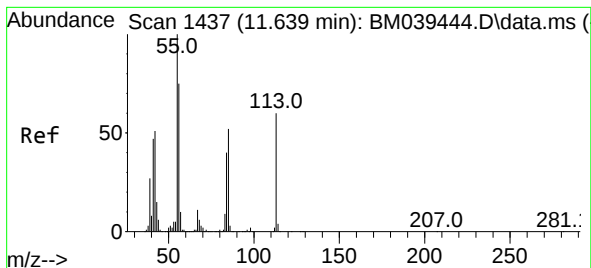
Tgt Ion:	127	Resp:	859089
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	32.7	25.7	38.5
92	19.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 41.868 ng
RT: 10.954 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:	225	Resp:	358323
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.1	75.1
227	64.1	51.7	77.5

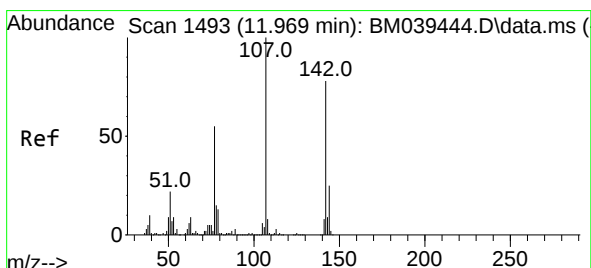
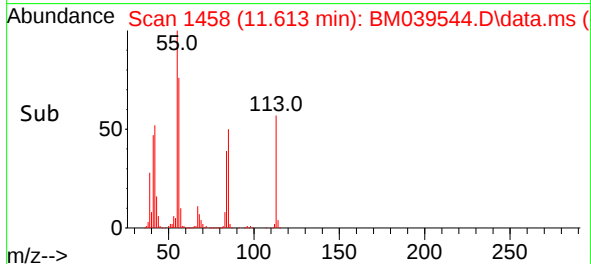
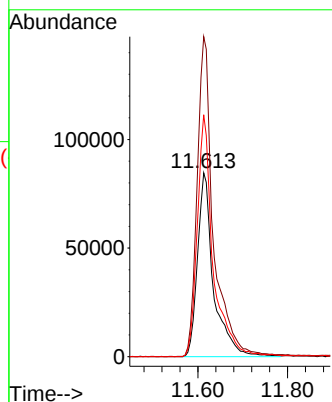
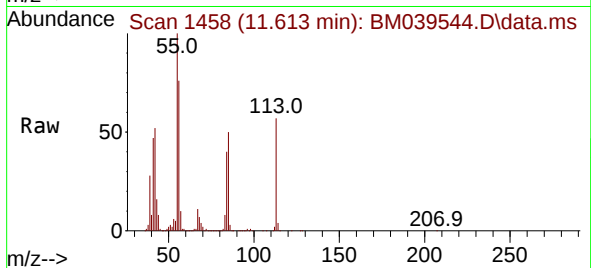




#35
 Caprolactam
 Concen: 38.775 ng
 RT: 11.613 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: BM039544.D
 Acq: 21 Apr 2023 10:03

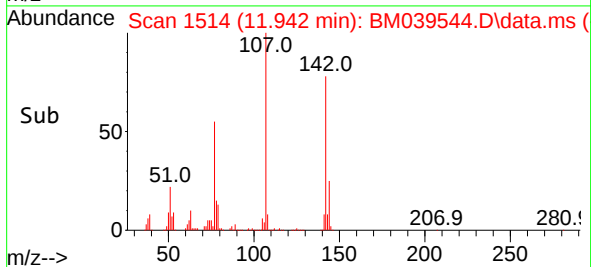
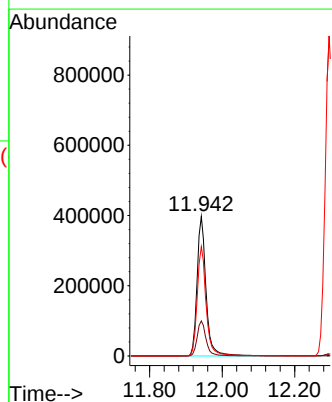
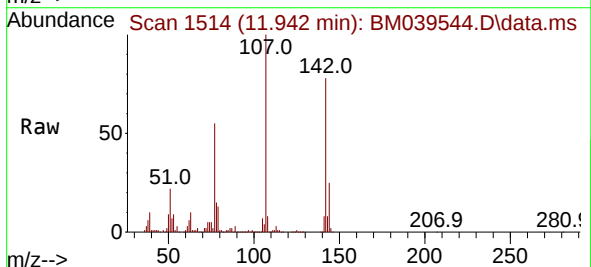
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

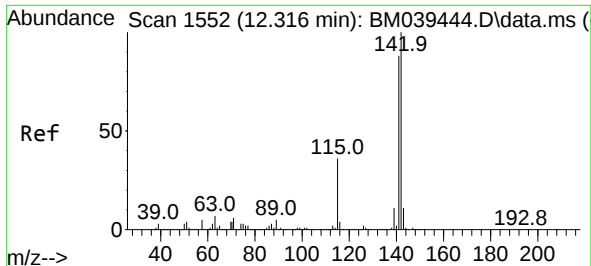
Tgt Ion:113 Resp: 210555
 Ion Ratio Lower Upper
 113 100
 55 174.0 147.8 187.8
 56 131.5 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.213 ng
 RT: 11.942 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: BM039544.D
 Acq: 21 Apr 2023 10:03

Tgt Ion:107 Resp: 683021
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.7 29.5
 142 78.3 62.2 93.2

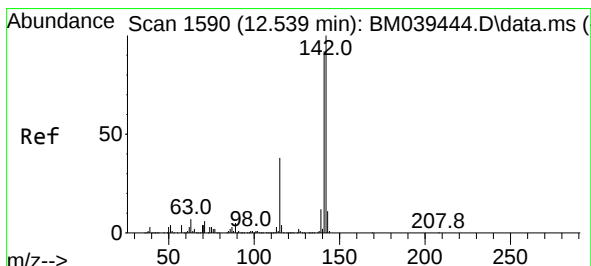
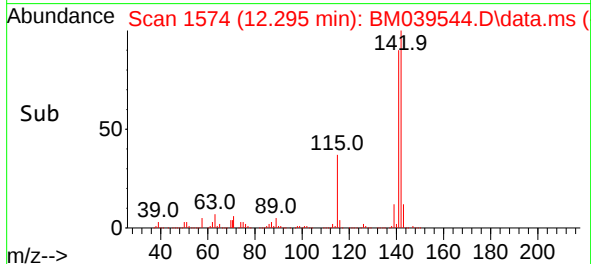
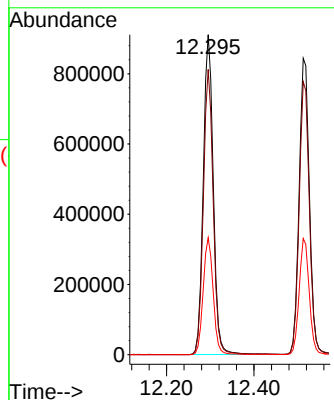
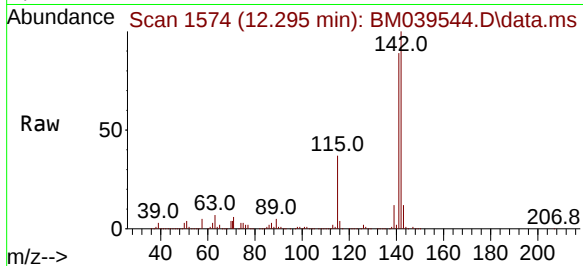




#37
2-Methylnaphthalene
Concen: 40.915 ng
RT: 12.295 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

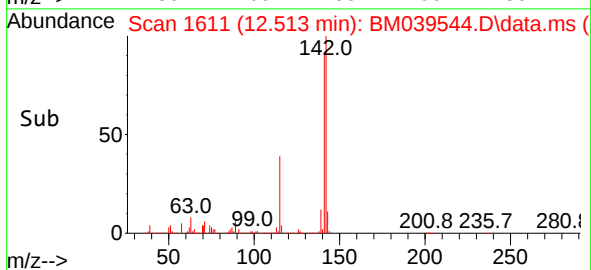
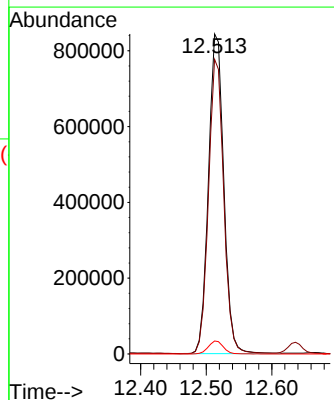
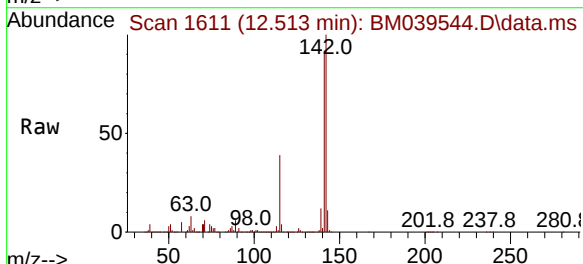
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

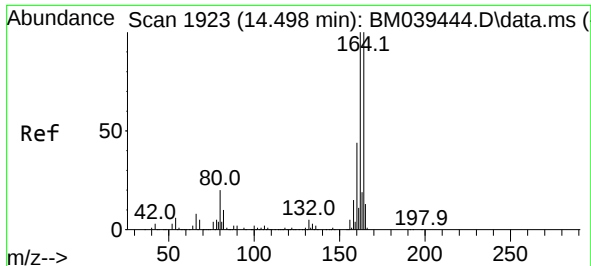
Tgt Ion:142 Resp: 1456592
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6
115 36.6 28.8 43.2



#38
1-Methylnaphthalene
Concen: 40.929 ng
RT: 12.513 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:142 Resp: 1373069
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9
116 4.1 3.1 4.7

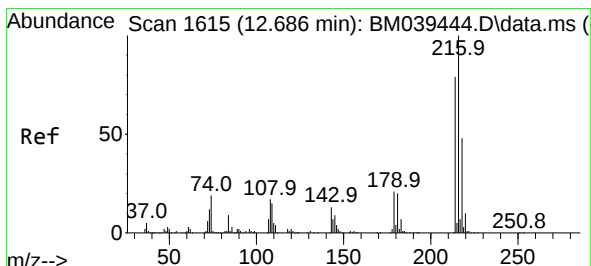
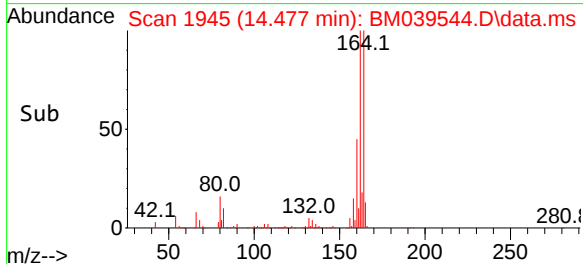
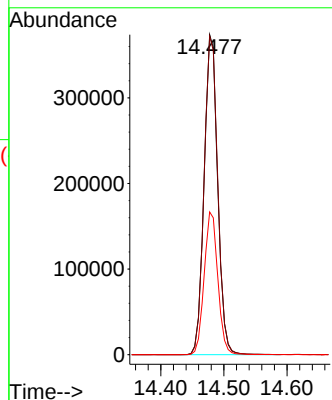
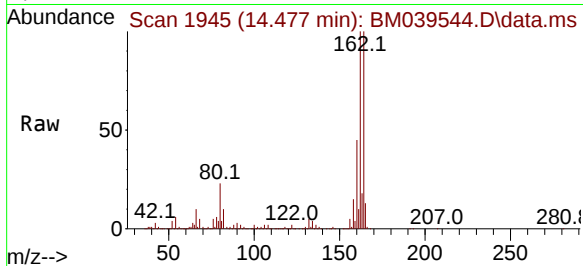




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

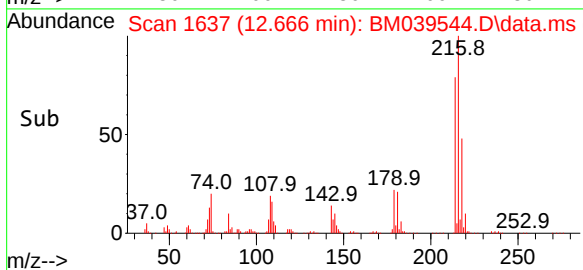
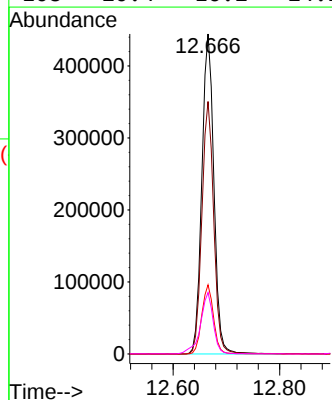
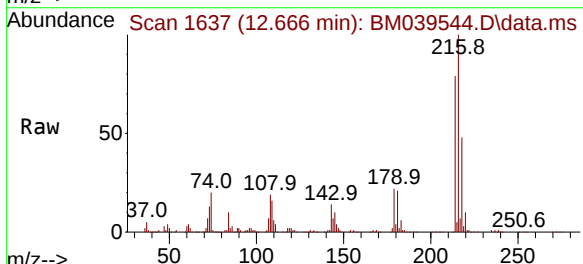
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

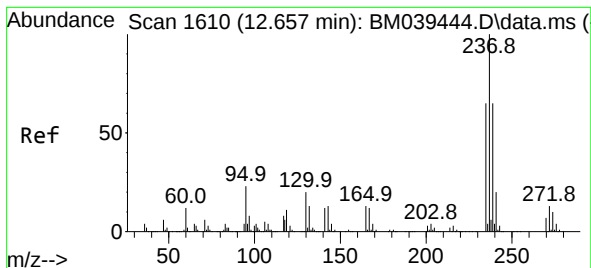
Tgt Ion:164 Resp: 557351
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 44.6 35.0 52.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.823 ng
RT: 12.666 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:216 Resp: 696158
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.6
179 21.1 16.8 25.2
108 20.4 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 40.436 ng

RT: 12.636 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

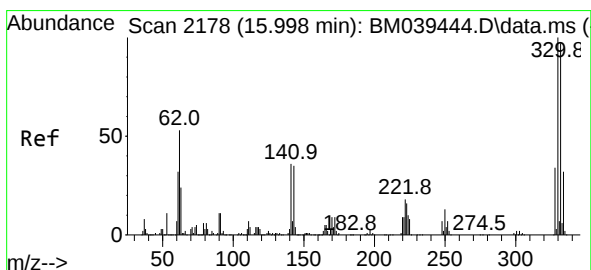
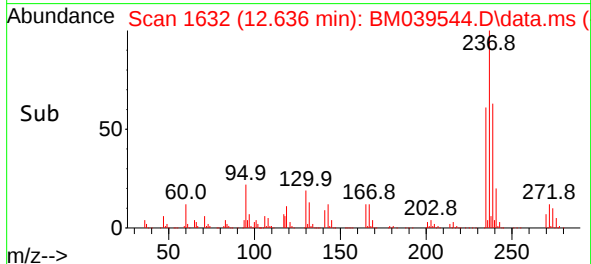
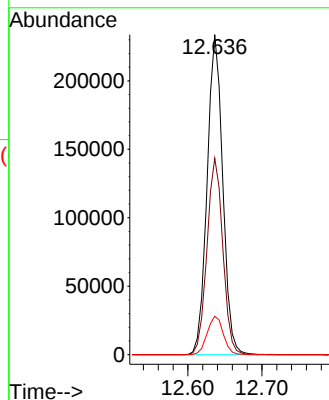
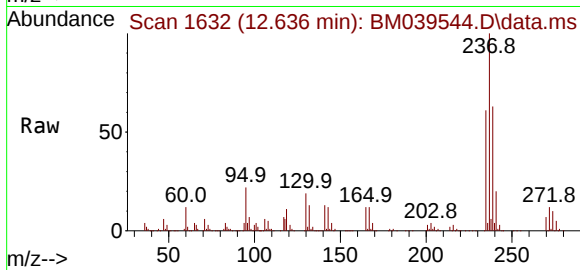
Tgt Ion:237 Resp: 342008

Ion Ratio Lower Upper

237 100

235 61.4 44.7 84.7

272 12.0 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 84.203 ng

RT: 15.977 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

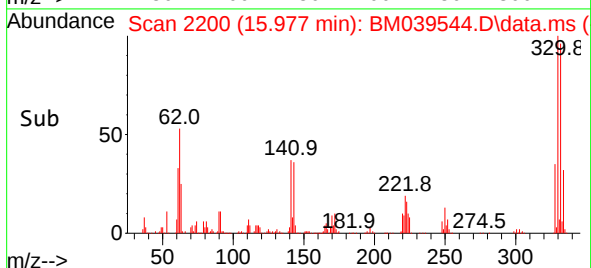
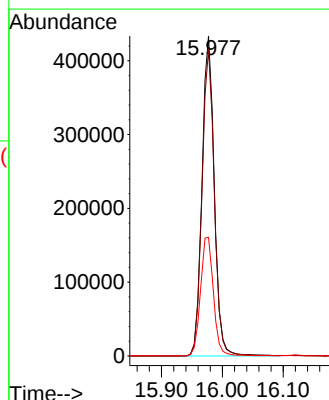
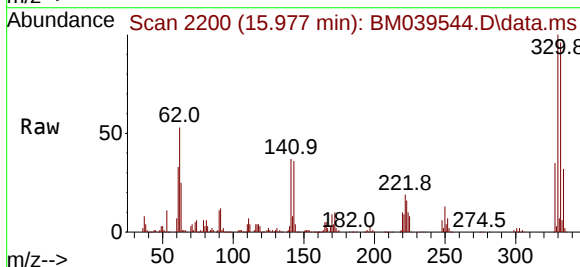
Tgt Ion:330 Resp: 608998

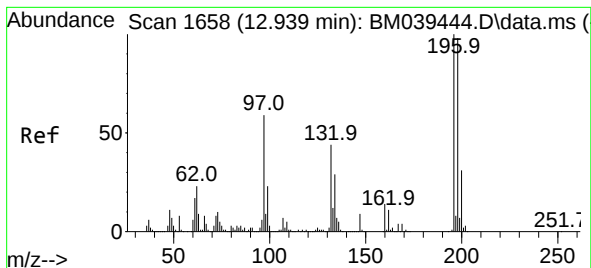
Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

141 39.1 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 42.993 ng

RT: 12.913 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039544.D

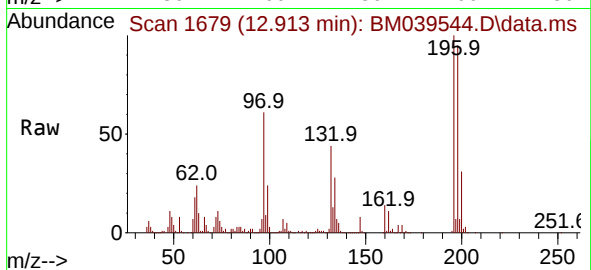
Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



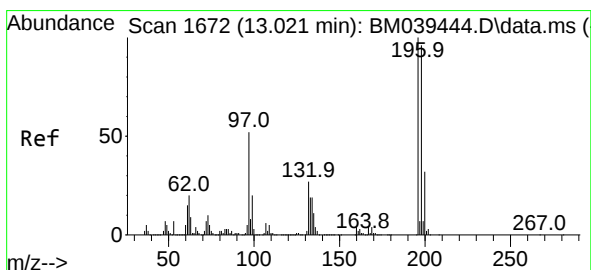
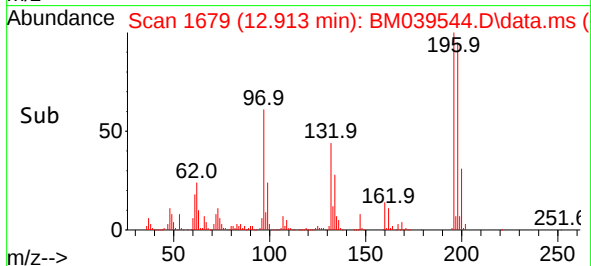
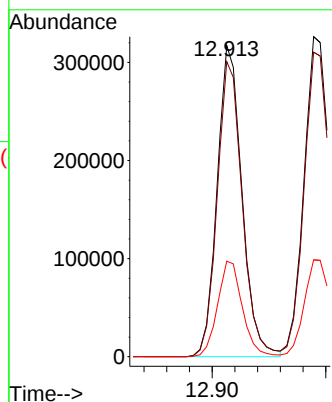
Tgt Ion:196 Resp: 481494

Ion Ratio Lower Upper

196 100

198 94.8 78.1 117.1

200 30.7 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 42.636 ng

RT: 12.989 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Tgt Ion:196 Resp: 564316

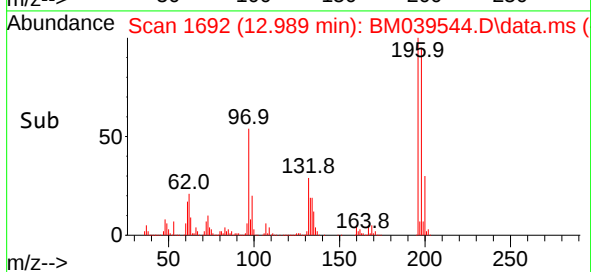
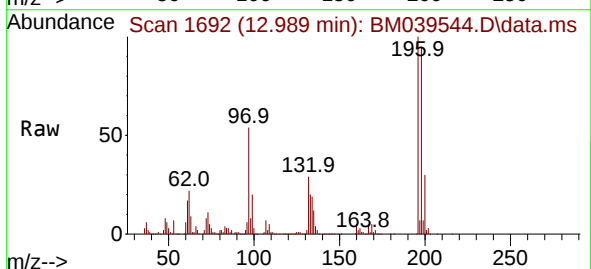
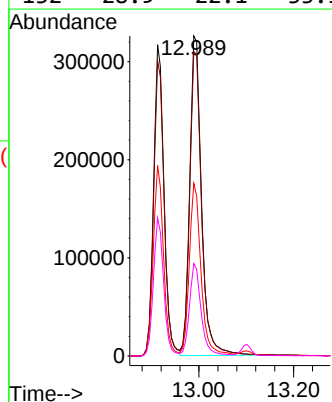
Ion Ratio Lower Upper

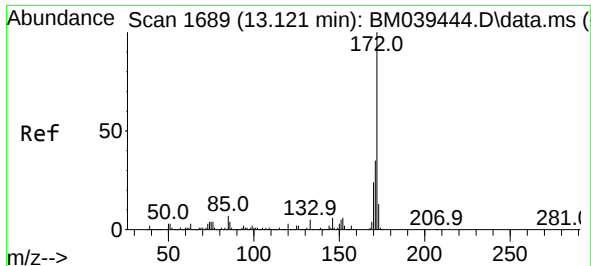
196 100

198 95.1 76.8 115.2

97 54.0 41.9 62.9

132 28.9 22.1 33.1

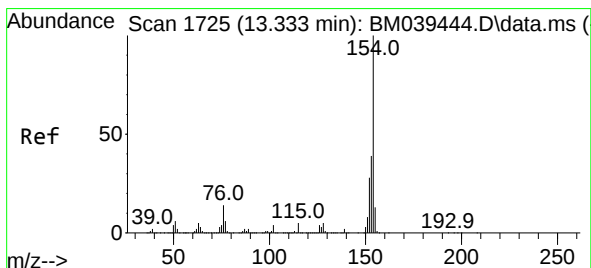
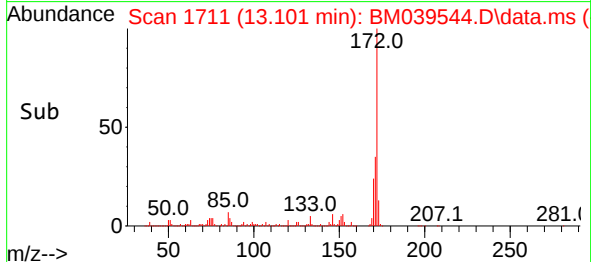
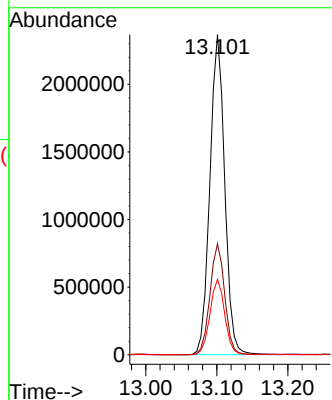
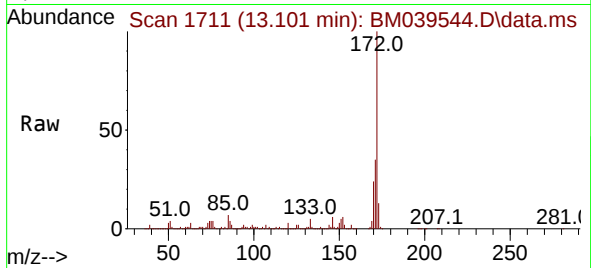




#45
2-Fluorobiphenyl
Concen: 85.313 ng
RT: 13.101 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

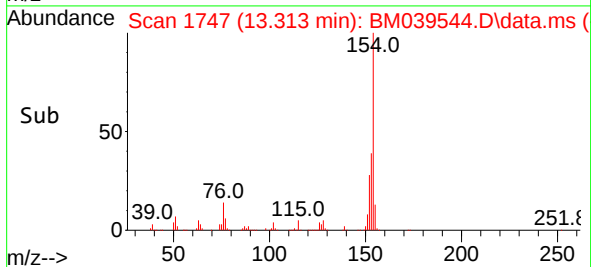
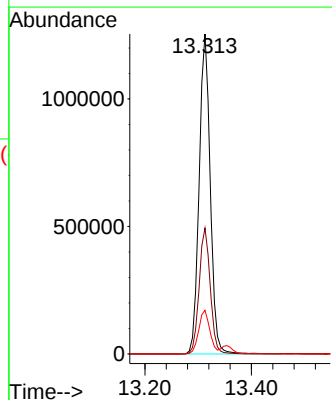
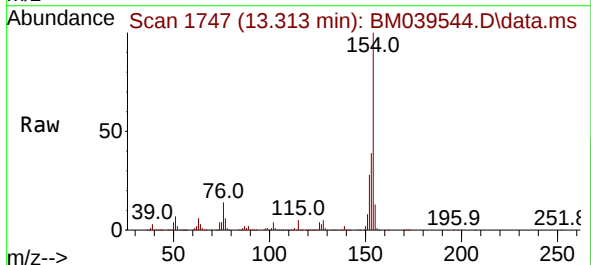
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

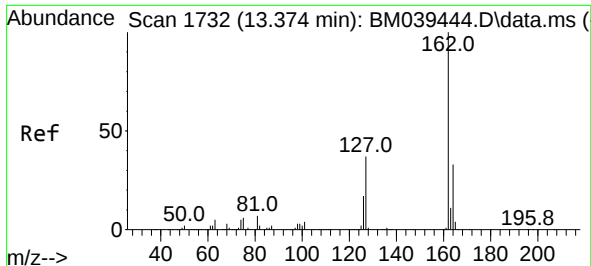
Tgt Ion:172 Resp: 3436553
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.317 ng
RT: 13.313 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:154 Resp: 1817049
Ion Ratio Lower Upper
154 100
153 39.3 19.5 59.5
76 13.7 0.0 34.1

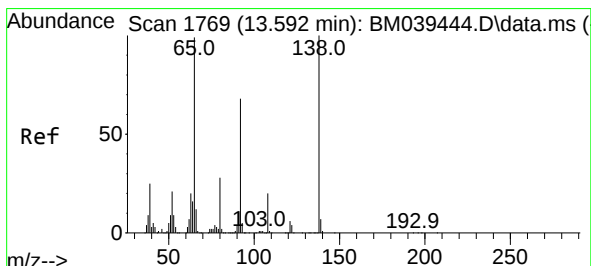
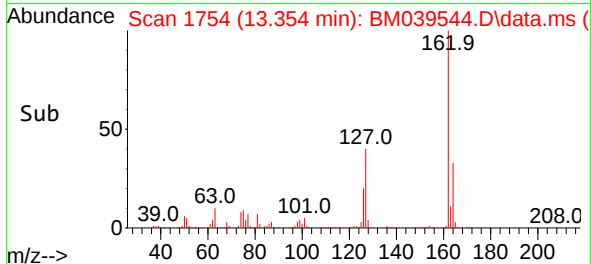
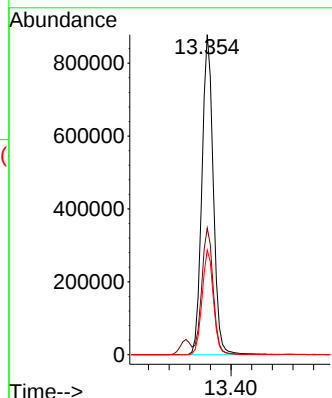
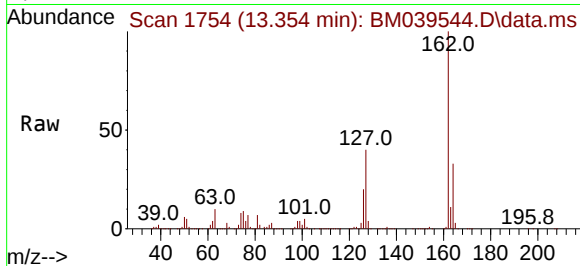




#47
2-Chloronaphthalene
Concen: 42.051 ng
RT: 13.354 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

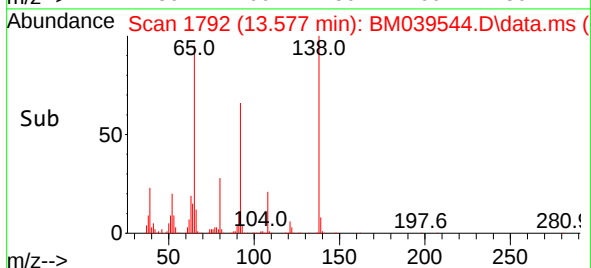
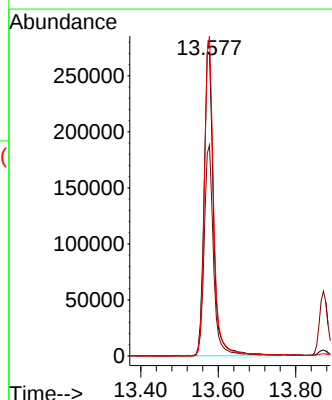
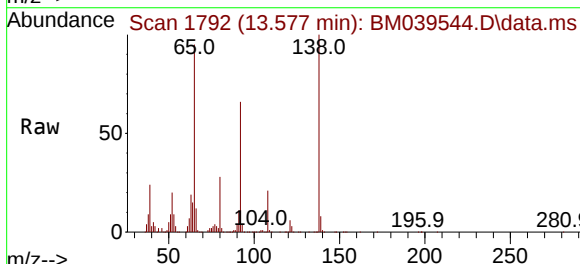
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

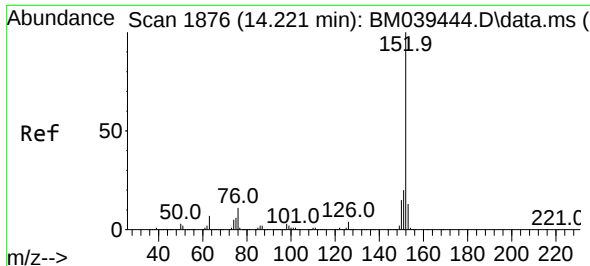
Tgt Ion:162 Resp: 1342270
Ion Ratio Lower Upper
162 100
127 39.6 31.9 47.9
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 42.626 ng
RT: 13.577 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion: 65 Resp: 465262
Ion Ratio Lower Upper
65 100
92 69.5 54.7 82.1
138 105.4 80.8 121.2

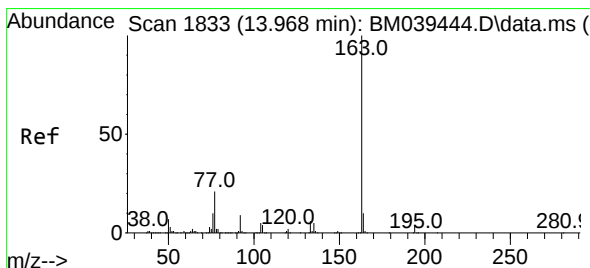
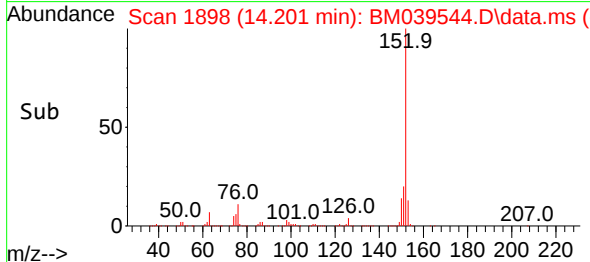
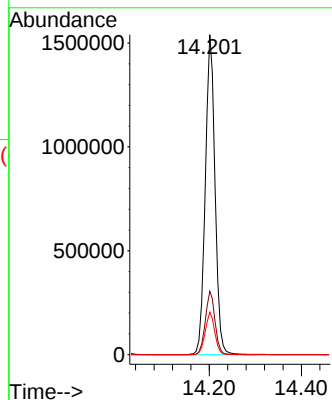
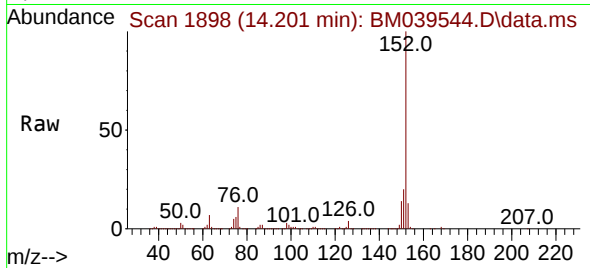




#49
Acenaphthylene
Concen: 41.626 ng
RT: 14.201 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

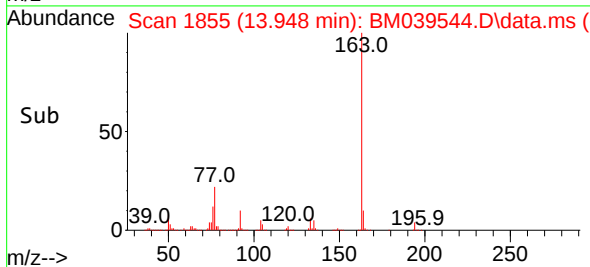
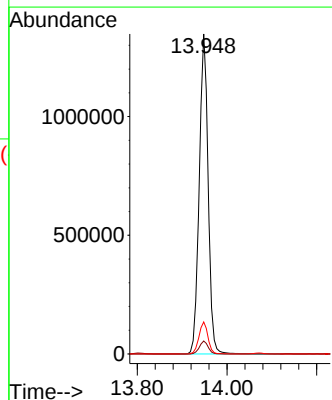
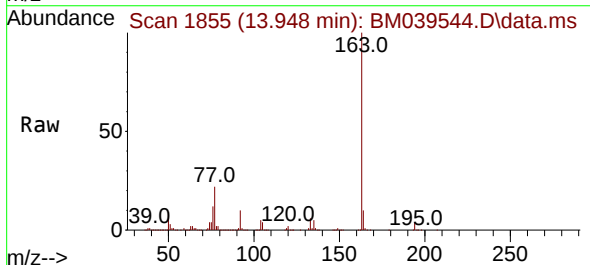
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

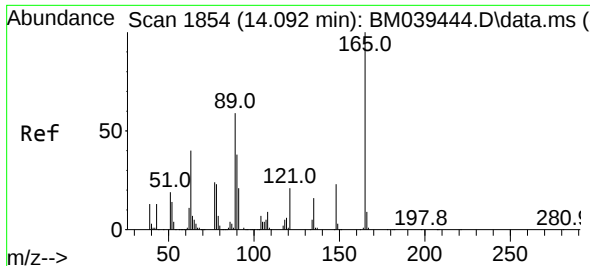
Tgt Ion:152 Resp: 2272745
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 41.094 ng
RT: 13.948 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:163 Resp: 1854023
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.0 8.1 12.1

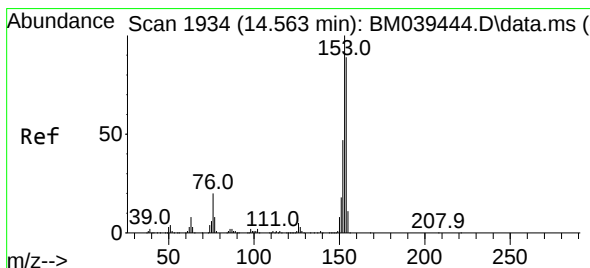
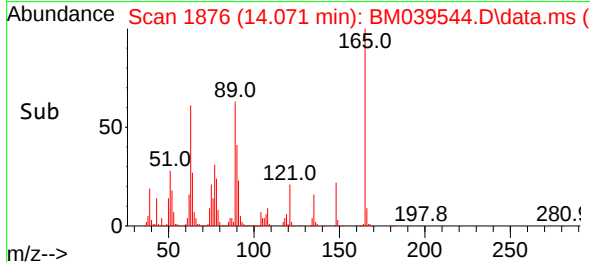
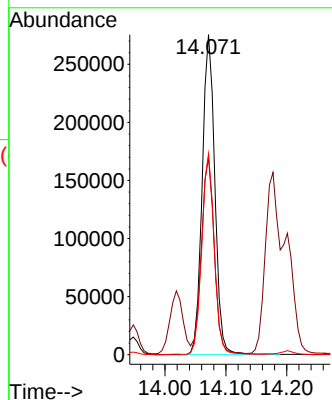
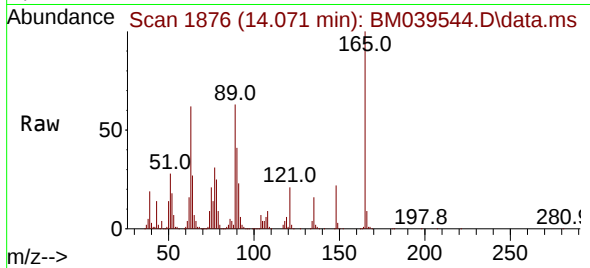




#51
2,6-Dinitrotoluene
Concen: 41.449 ng
RT: 14.071 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

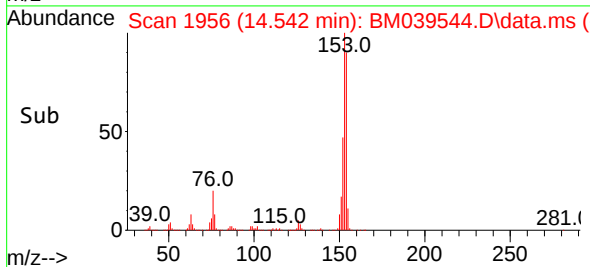
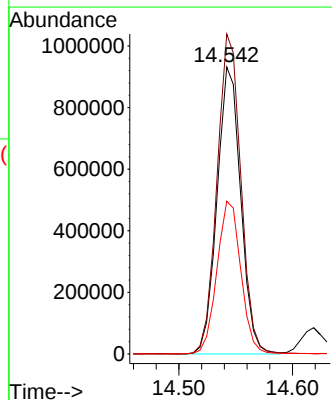
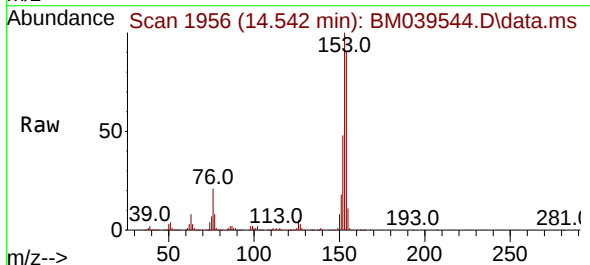
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

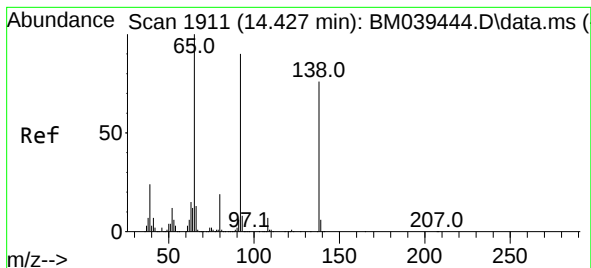
Tgt Ion:165 Resp: 397568
Ion Ratio Lower Upper
165 100
63 61.6 46.6 69.8
89 62.8 47.4 71.0



#52
Acenaphthene
Concen: 41.691 ng
RT: 14.542 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:154 Resp: 1347797
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 53.2 42.7 64.1

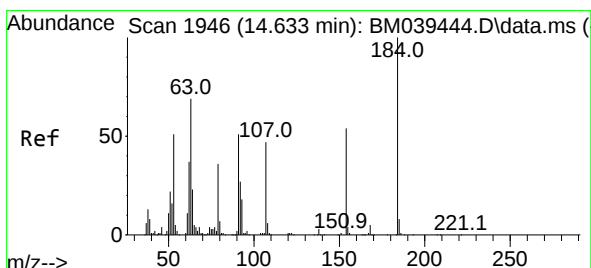
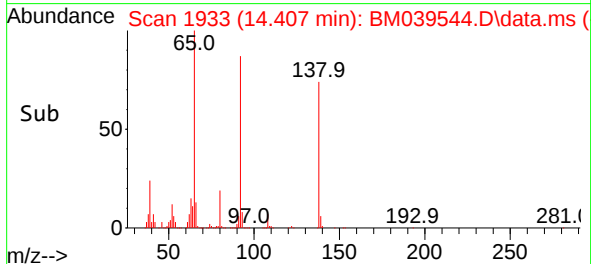
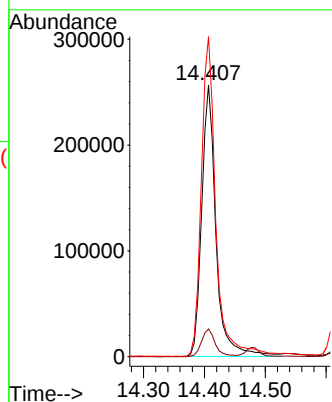
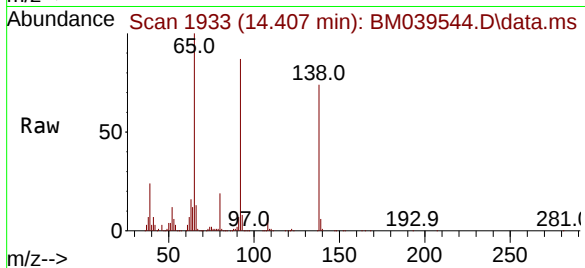




#53
3-Nitroaniline
Concen: 42.562 ng
RT: 14.407 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

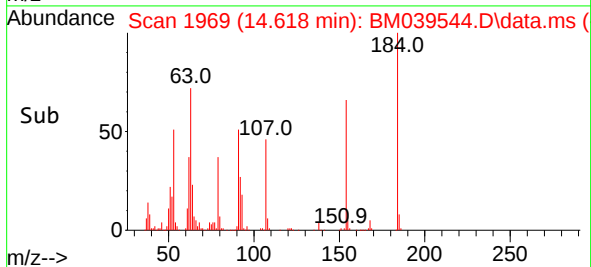
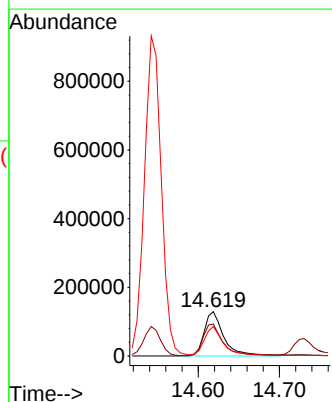
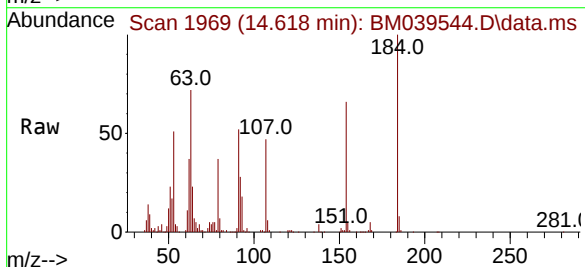
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

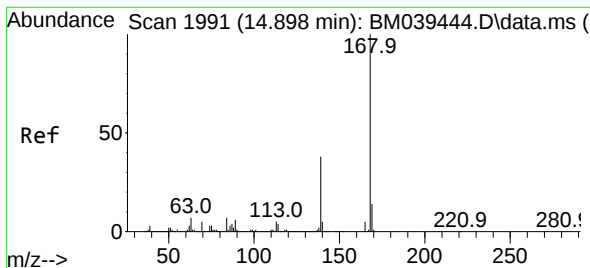
Tgt Ion:138 Resp: 416587
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.8
92 117.8 95.4 143.2



#54
2,4-Dinitrophenol
Concen: 39.096 ng
RT: 14.618 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:184 Resp: 216147
Ion Ratio Lower Upper
184 100
63 72.3 56.4 84.6
154 66.2 49.1 73.7





#55

Dibenzenofuran

Concen: 41.671 ng

RT: 14.877 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

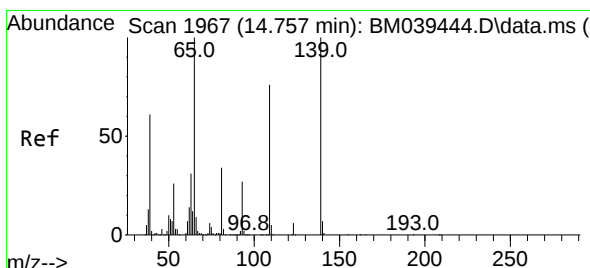
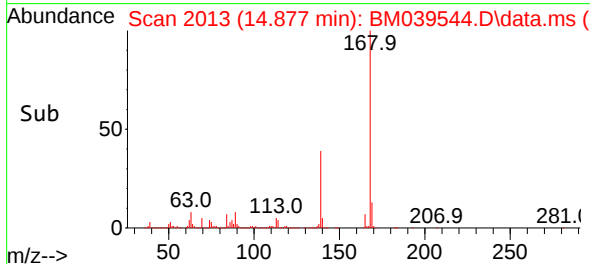
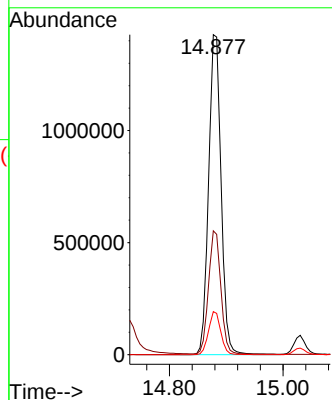
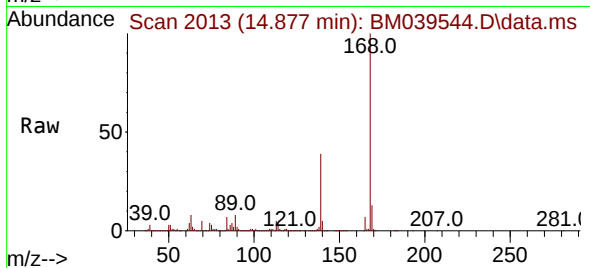
Tgt Ion:168 Resp: 2164702

Ion Ratio Lower Upper

168 100

139 38.7 30.8 46.2

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 40.077 ng

RT: 14.730 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

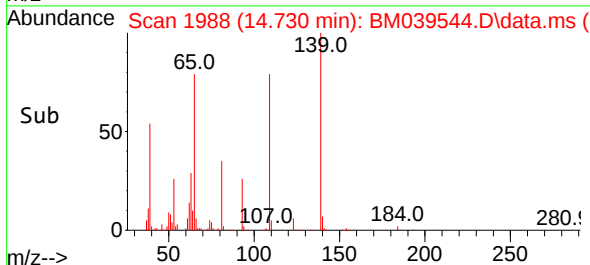
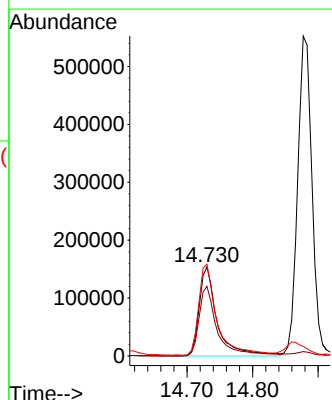
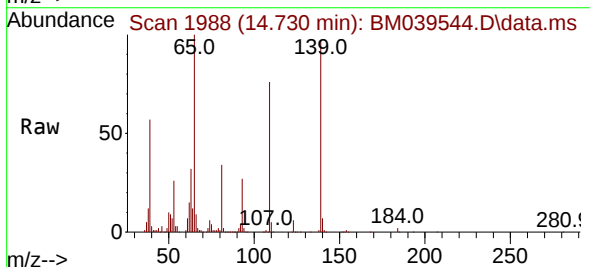
Tgt Ion:139 Resp: 296062

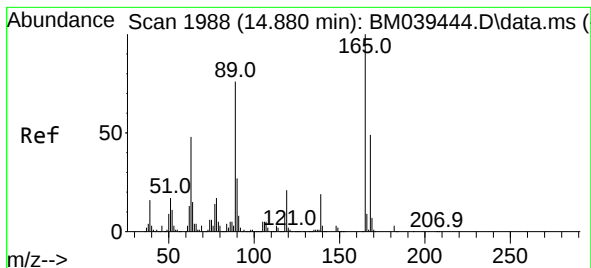
Ion Ratio Lower Upper

139 100

109 78.2 56.5 96.5

65 103.2 81.3 121.3

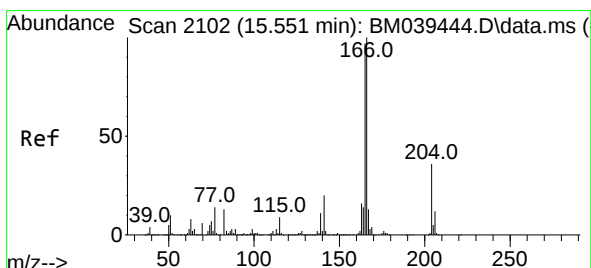
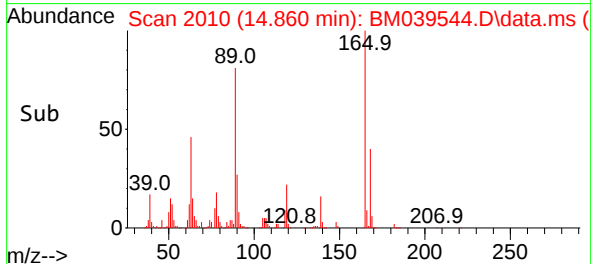
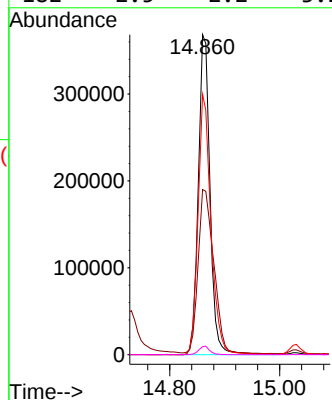
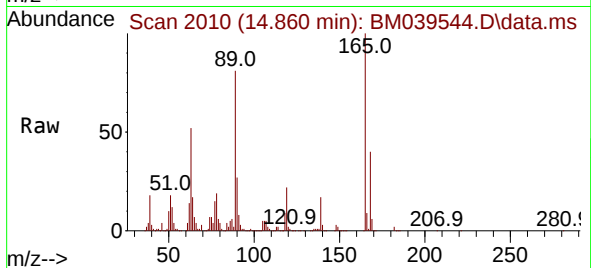




#57
2,4-Dinitrotoluene
Concen: 41.688 ng
RT: 14.860 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

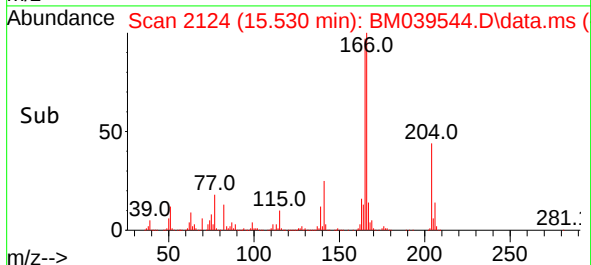
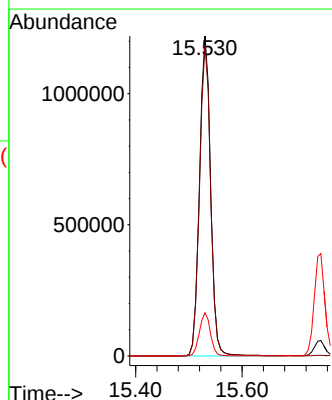
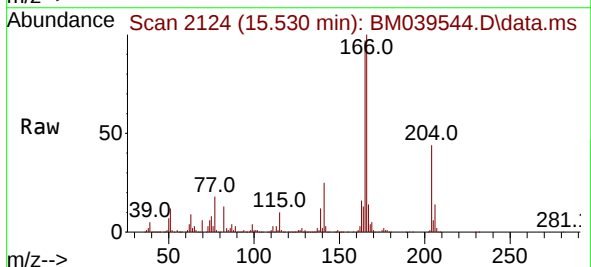
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

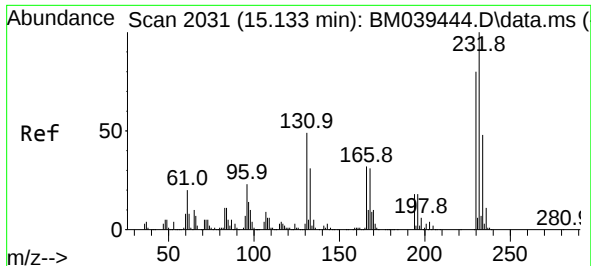
Tgt Ion:165 Resp: 546552
Ion Ratio Lower Upper
165 100
63 51.6 39.0 58.6
89 81.4 61.0 91.4
182 2.5 2.2 3.2



#58
Fluorene
Concen: 41.712 ng
RT: 15.530 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:166 Resp: 1757404
Ion Ratio Lower Upper
166 100
165 97.0 77.4 116.0
167 13.5 10.6 15.8

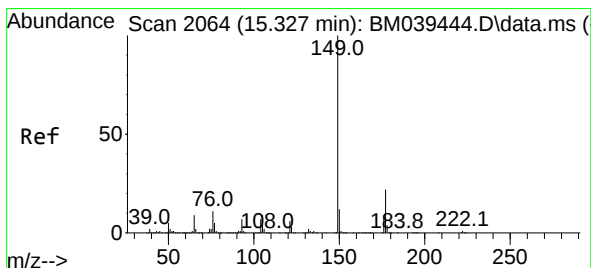
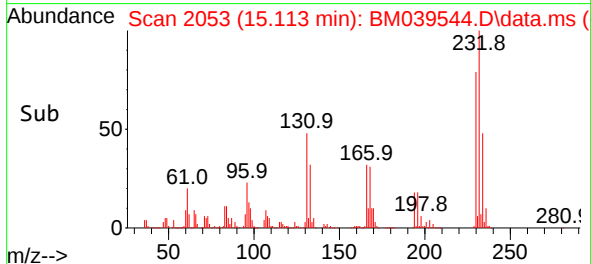
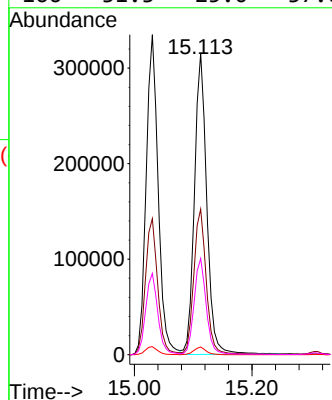
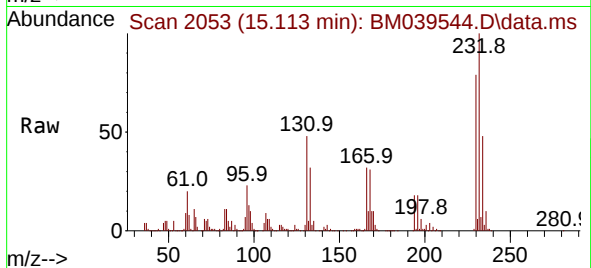




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.177 ng
RT: 15.113 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

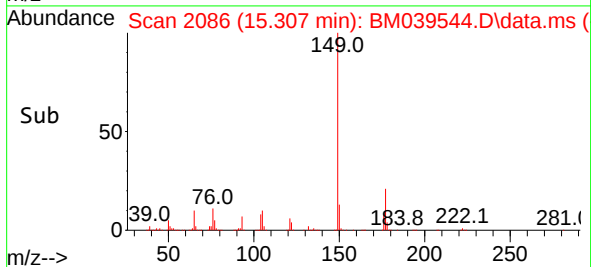
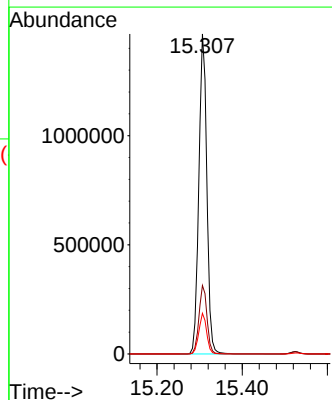
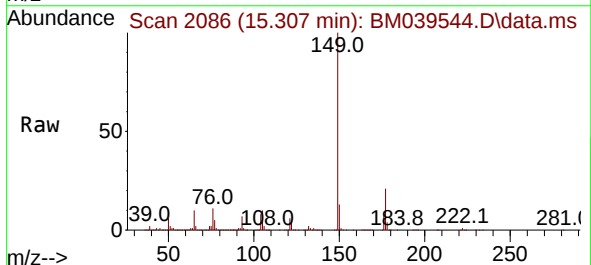
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

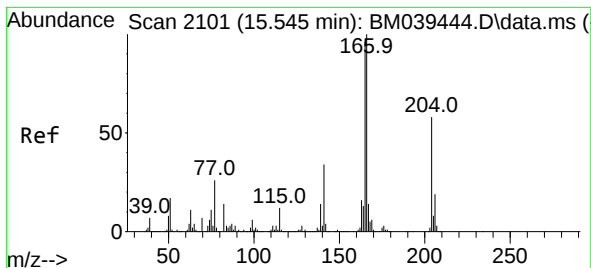
Tgt Ion:232 Resp: 459790
Ion Ratio Lower Upper
232 100
131 48.5 39.5 59.3
130 2.5 2.1 3.1
166 31.3 25.0 37.6



#60
Diethylphthalate
Concen: 40.677 ng
RT: 15.307 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:149 Resp: 1902627
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 12.7 10.0 15.0

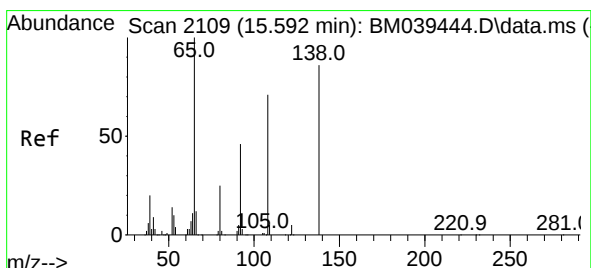
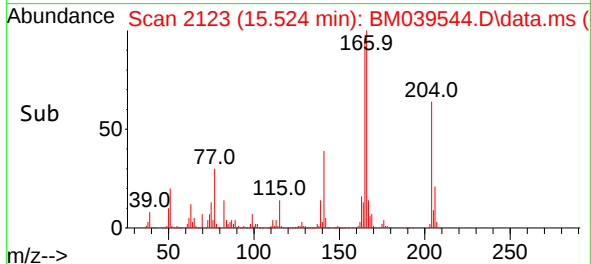
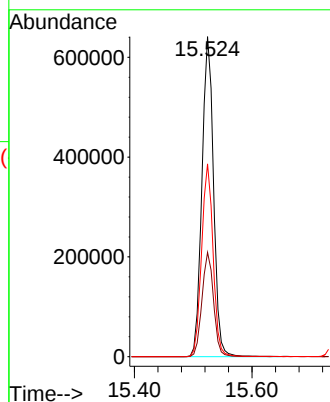
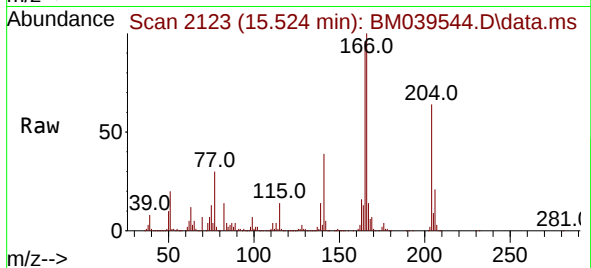




#61
4-Chlorophenyl-phenylether
Concen: 42.196 ng
RT: 15.524 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

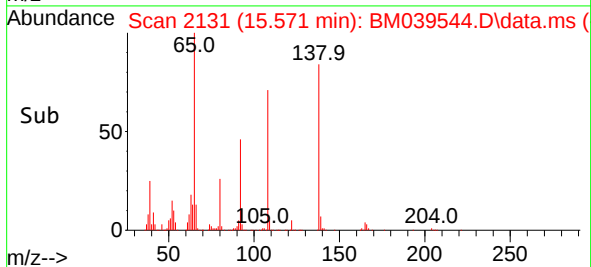
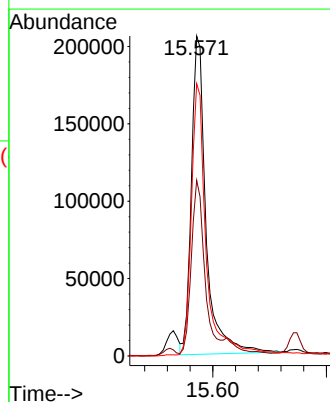
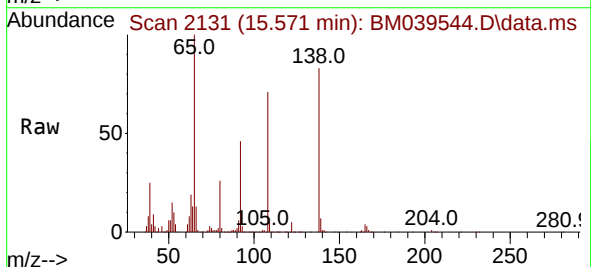
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

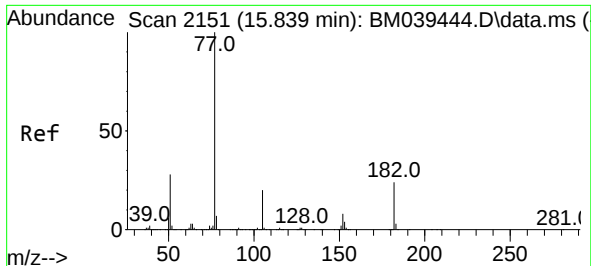
Tgt Ion:204 Resp: 881201
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 60.3 47.0 70.4



#62
4-Nitroaniline
Concen: 39.247 ng
RT: 15.571 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:138 Resp: 369678
Ion Ratio Lower Upper
138 100
92 54.9 32.6 72.6
108 85.1 60.6 100.6

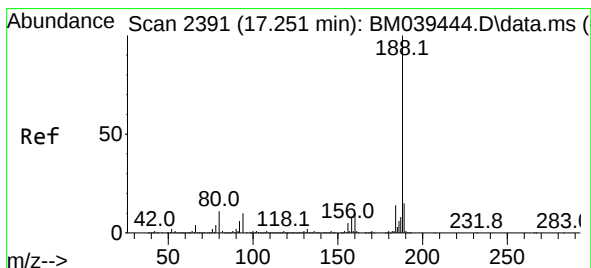
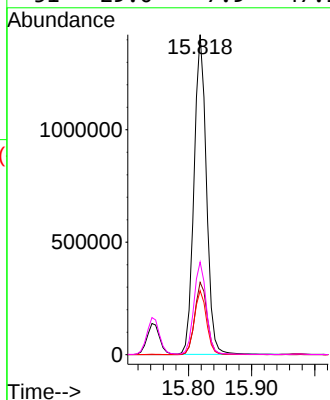
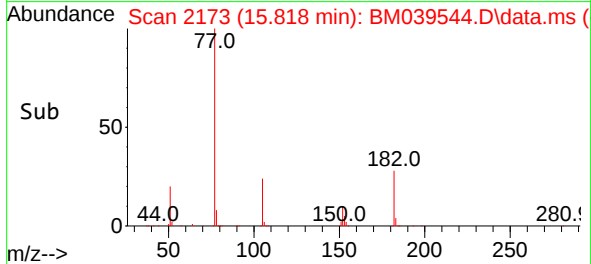
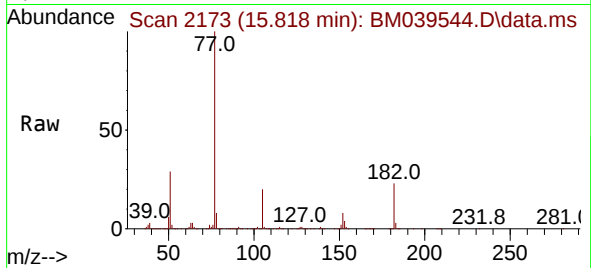




#63
Azobenzene
Concen: 42.392 ng
RT: 15.818 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

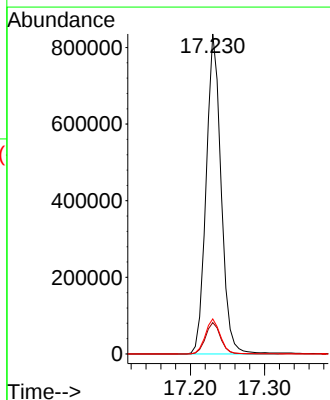
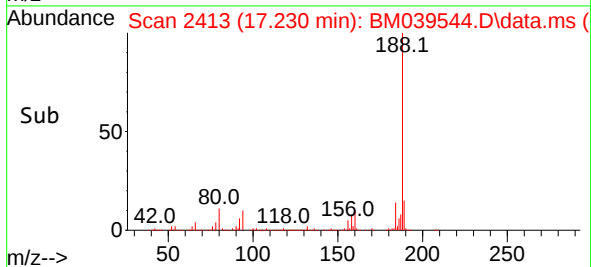
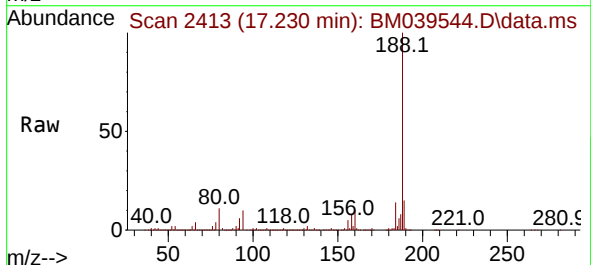
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

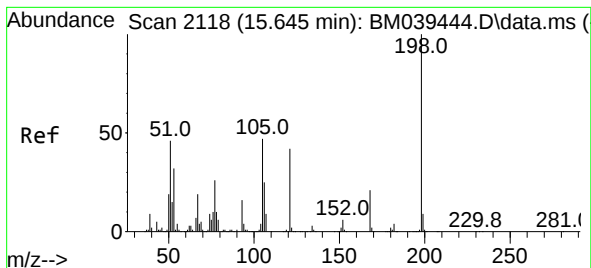
Tgt Ion: 77 Resp: 1932214
Ion Ratio Lower Upper
77 100
182 22.6 3.7 43.7
105 20.0 0.5 40.5
51 29.0 7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:188 Resp: 1170765
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.9 8.9 13.3

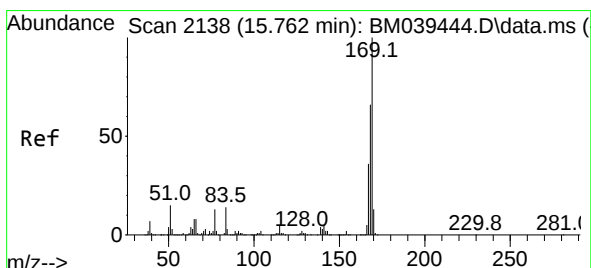
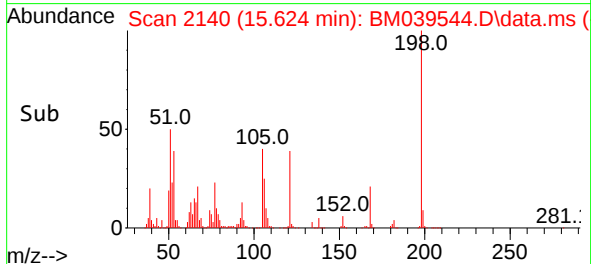
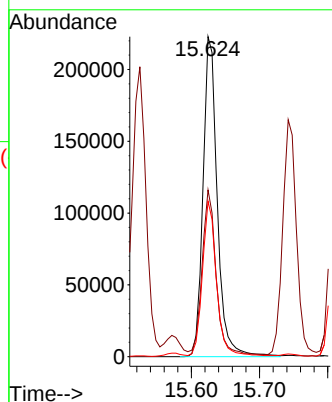
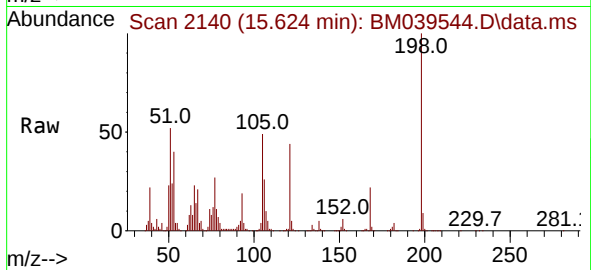




#65
4,6-Dinitro-2-methylphenol
Concen: 44.303 ng
RT: 15.624 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

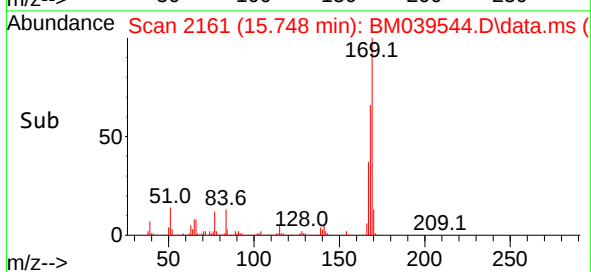
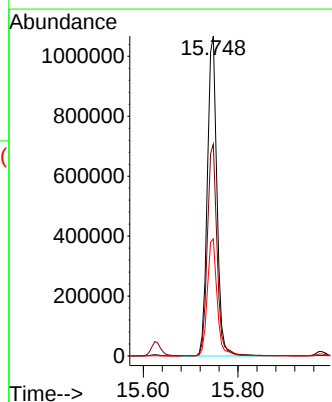
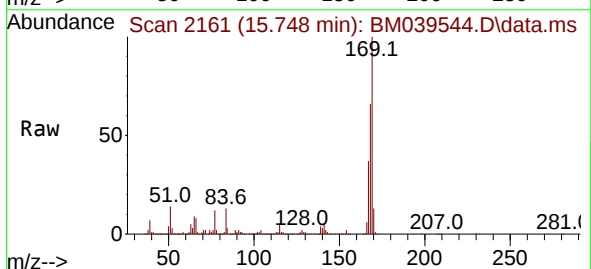
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

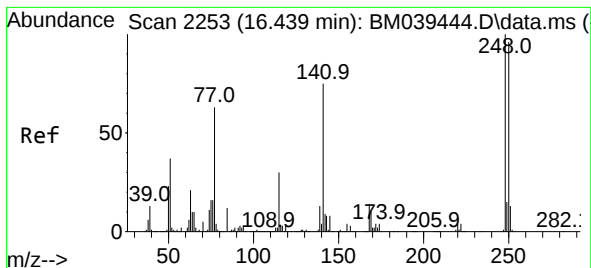
Tgt Ion:198 Resp: 324781
Ion Ratio Lower Upper
198 100
51 52.1 29.3 69.3
105 48.6 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 42.295 ng
RT: 15.748 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:169 Resp: 1501266
Ion Ratio Lower Upper
169 100
168 66.1 52.6 79.0
167 36.6 29.0 43.4

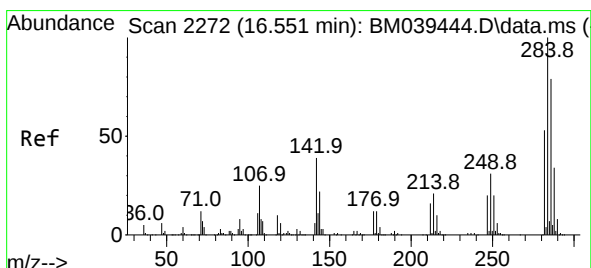
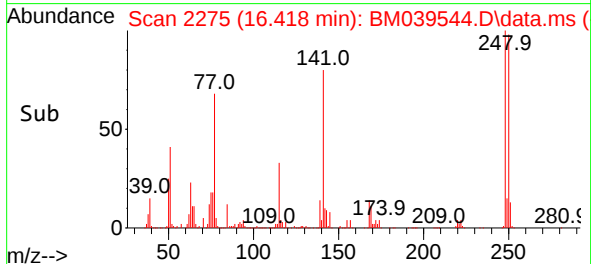
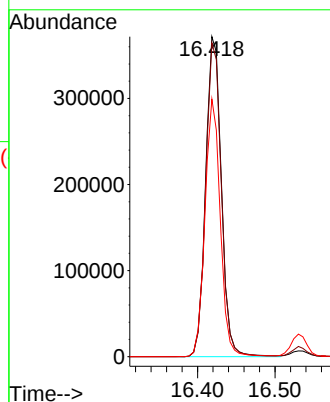
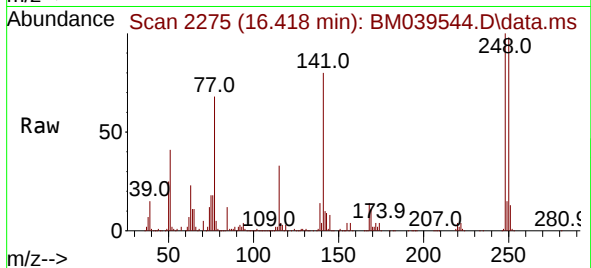




#67
4-Bromophenyl-phenylether
Concen: 42.570 ng
RT: 16.418 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

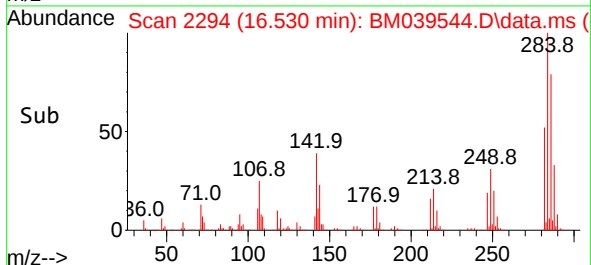
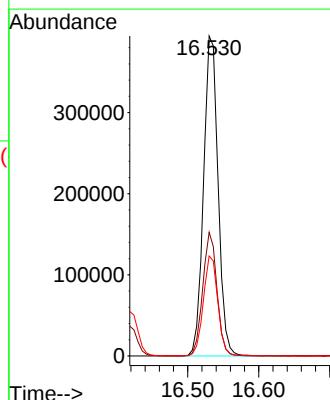
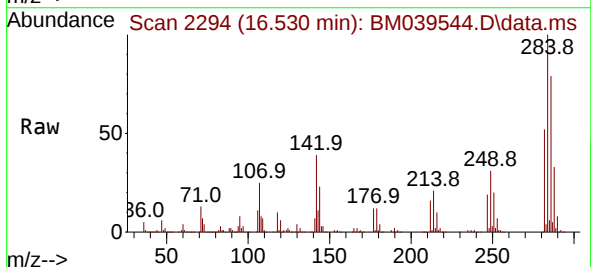
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

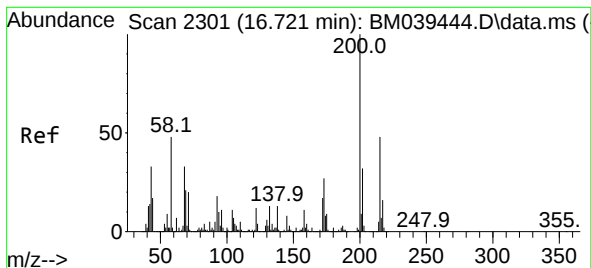
Tgt Ion:248 Resp: 524643
Ion Ratio Lower Upper
248 100
250 98.1 77.0 115.4
141 80.5 60.2 90.4



#68
Hexachlorobenzene
Concen: 41.956 ng
RT: 16.530 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:284 Resp: 561472
Ion Ratio Lower Upper
284 100
142 38.7 31.1 46.7
249 31.3 25.0 37.6





#69

Atrazine

Concen: 41.641 ng

RT: 16.701 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

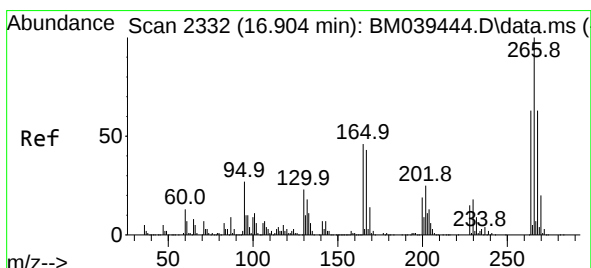
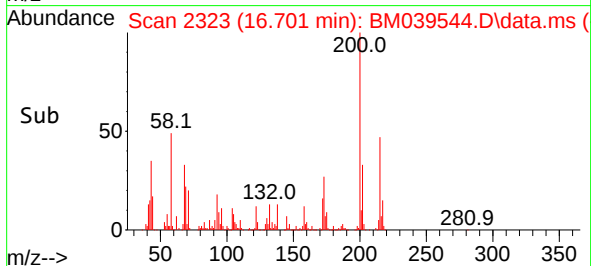
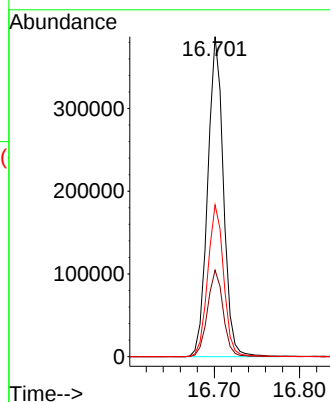
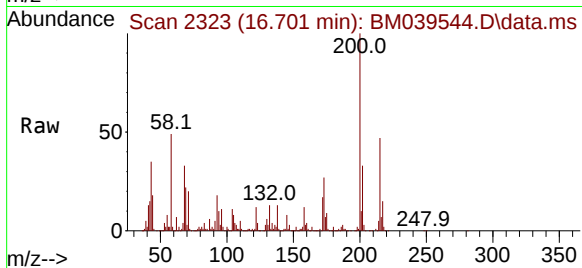
Tgt Ion:200 Resp: 495858

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 47.5 28.2 68.2



#70

Pentachlorophenol

Concen: 43.064 ng

RT: 16.883 min Scan# 2354

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

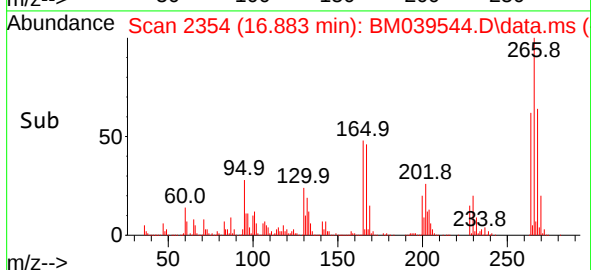
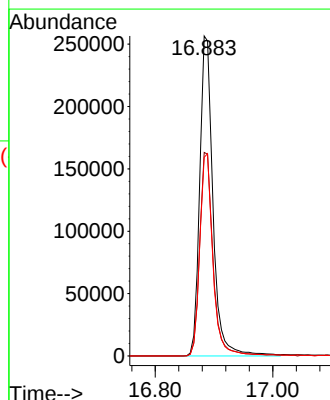
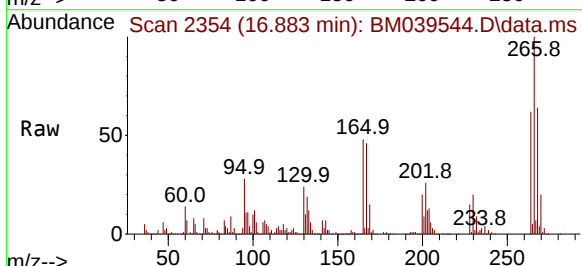
Tgt Ion:266 Resp: 402448

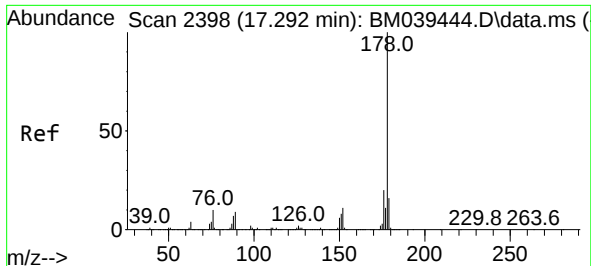
Ion Ratio Lower Upper

266 100

268 63.6 50.6 76.0

264 62.1 50.6 76.0

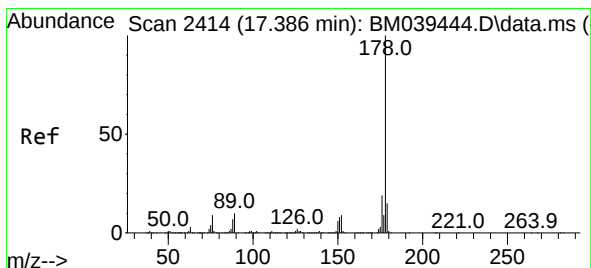
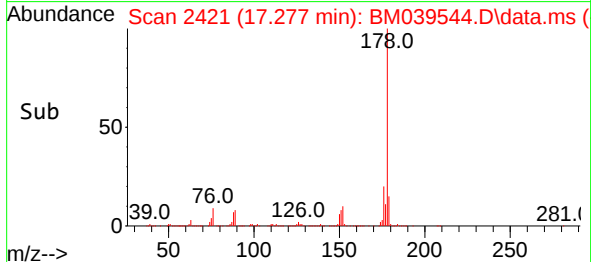
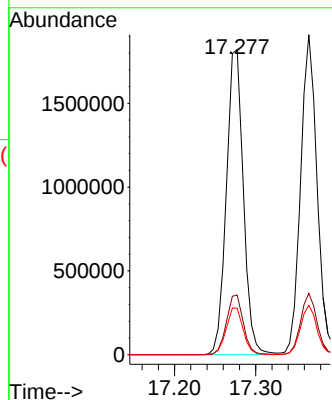
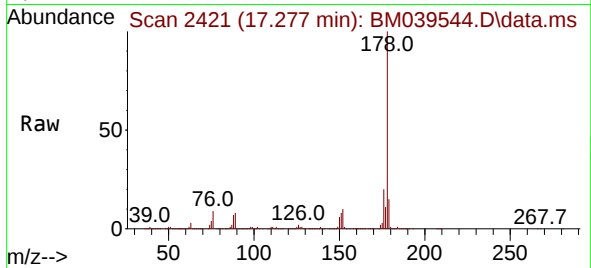




#71
Phenanthrene
Concen: 41.895 ng
RT: 17.277 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

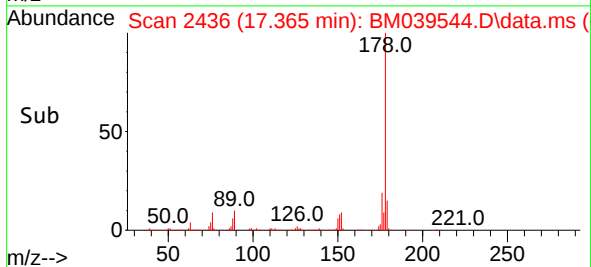
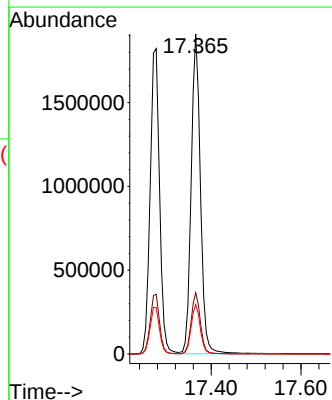
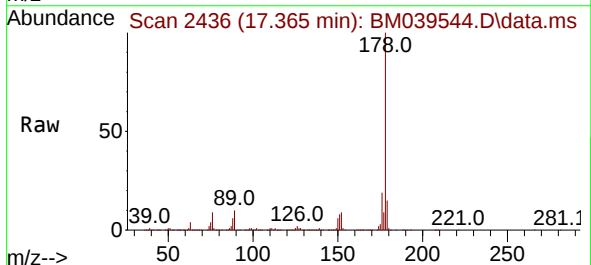
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

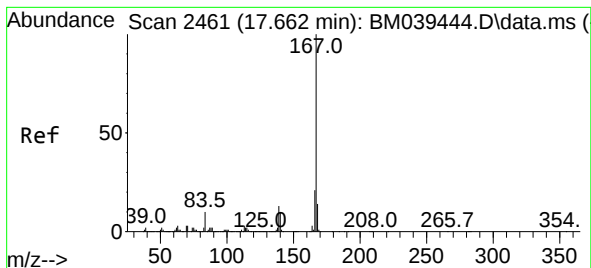
Tgt Ion:178 Resp: 2659780
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.2 12.5 18.7



#72
Anthracene
Concen: 41.859 ng
RT: 17.365 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:178 Resp: 2725992
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.4 12.2 18.4





#73

Carbazole

Concen: 41.643 ng

RT: 17.642 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

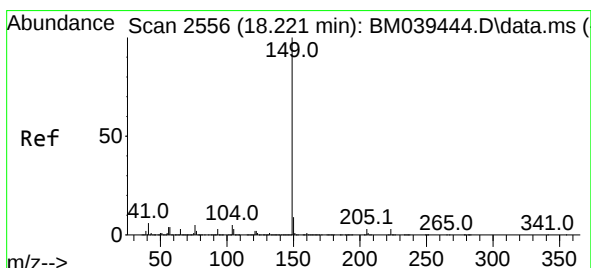
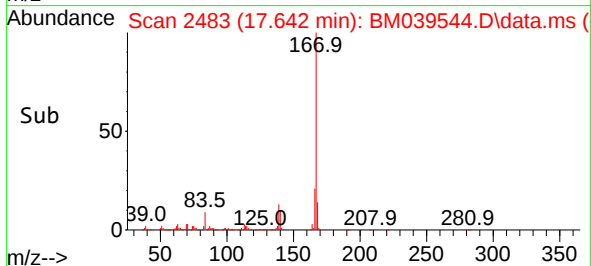
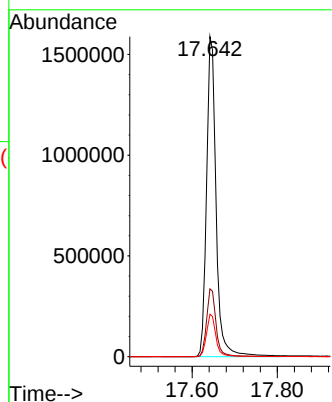
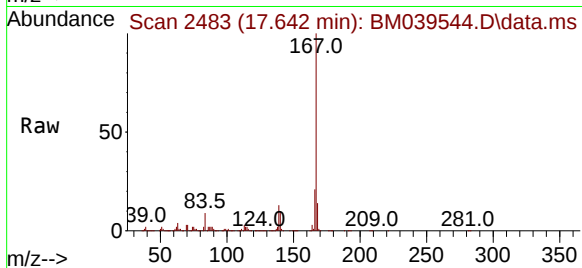
Tgt Ion:167 Resp: 2466547

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 41.855 ng

RT: 18.201 min Scan# 2578

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

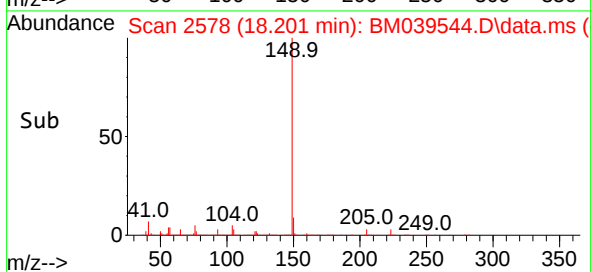
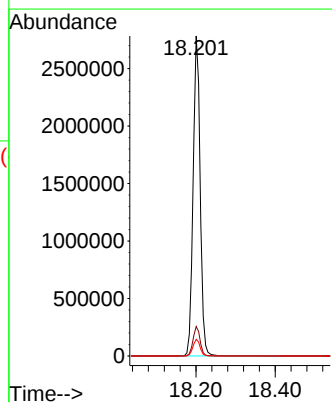
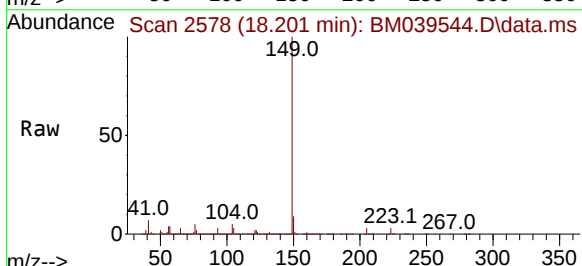
Tgt Ion:149 Resp: 3446086

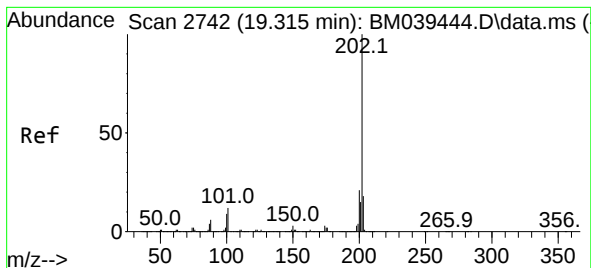
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 40.904 ng

RT: 19.295 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

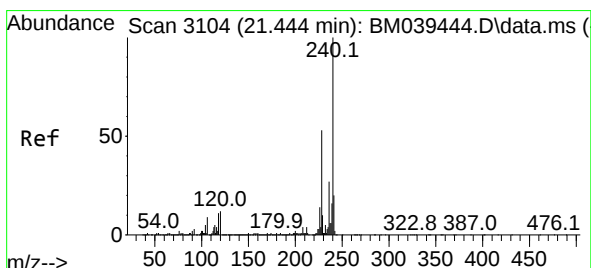
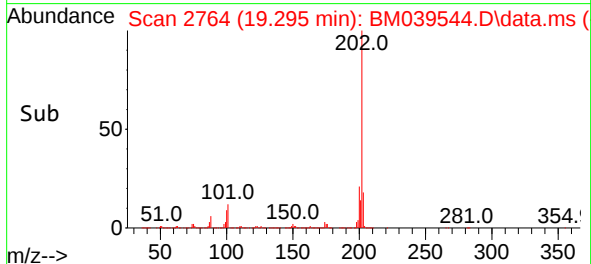
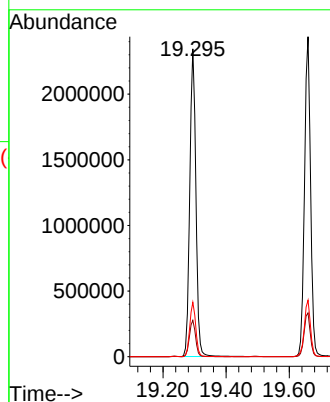
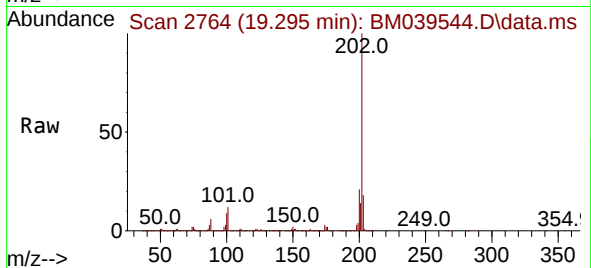
Tgt Ion:202 Resp: 3150527

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.1

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.424 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

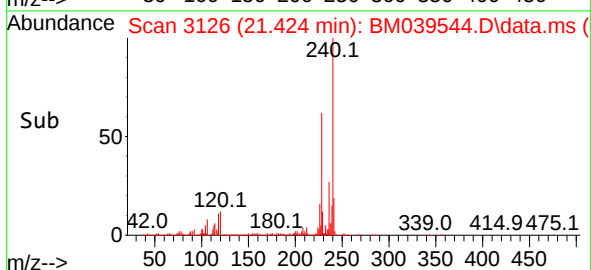
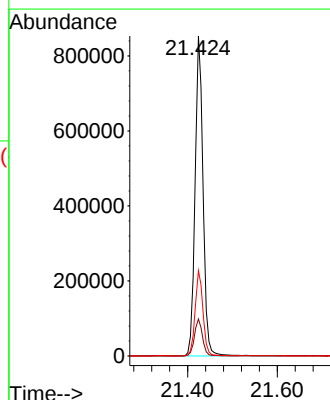
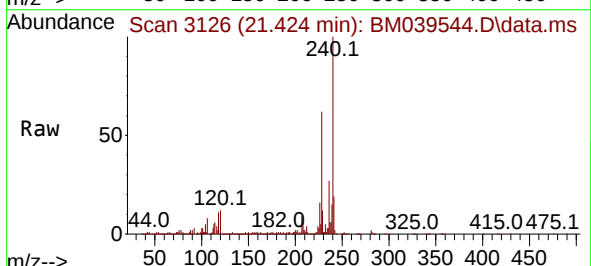
Tgt Ion:240 Resp: 1051087

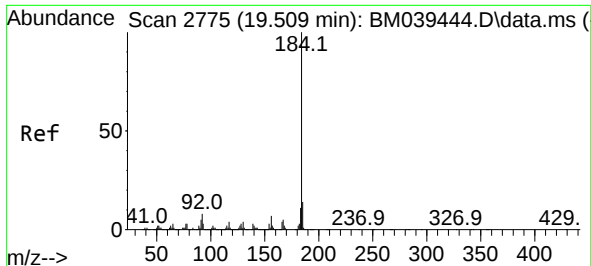
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 26.7 21.2 31.8

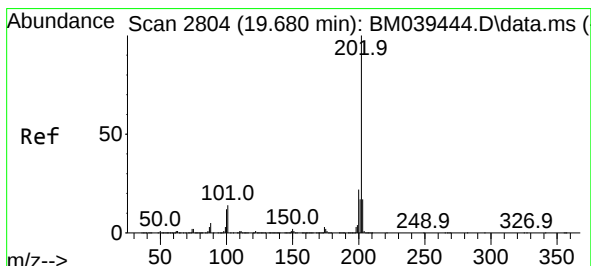
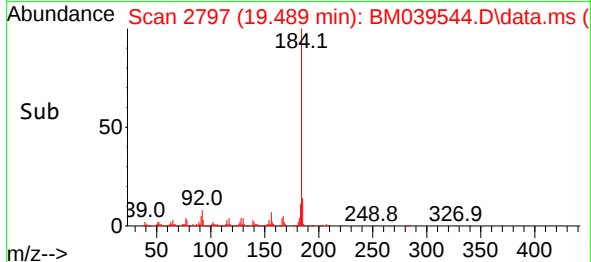
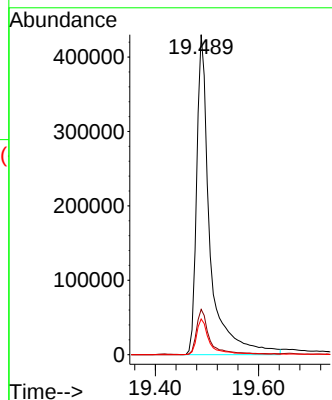
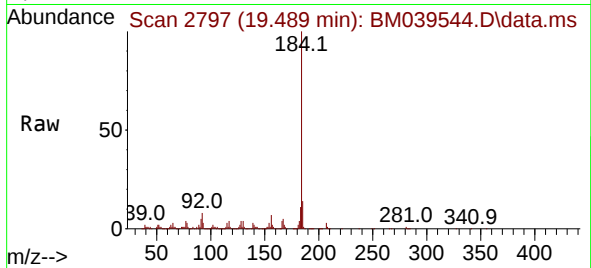




#77
Benzidine
Concen: 32.483 ng
RT: 19.489 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

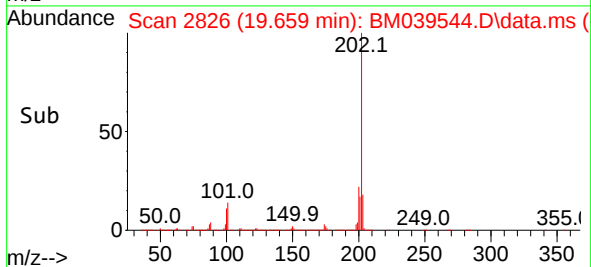
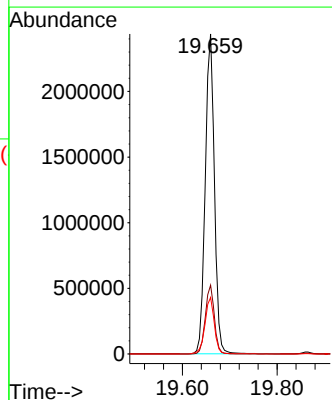
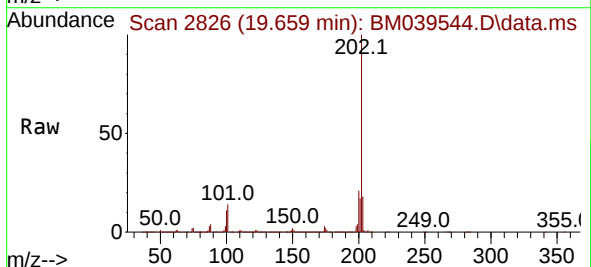
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

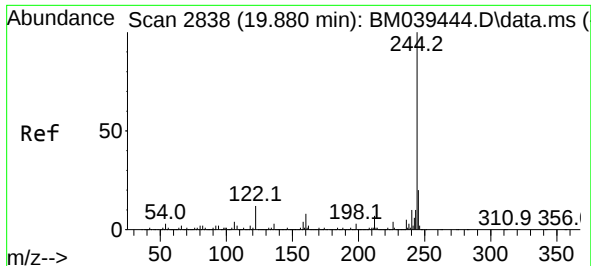
Tgt Ion:184 Resp: 773649
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.4
183 11.1 8.8 13.2



#78
Pyrene
Concen: 42.389 ng
RT: 19.659 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:202 Resp: 3276557
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 13.9 20.9

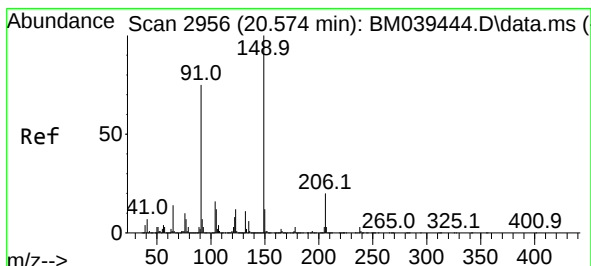
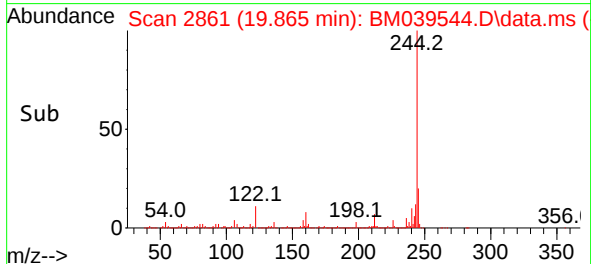
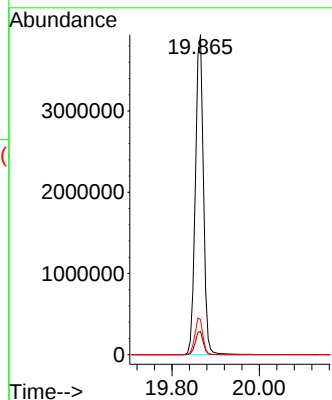
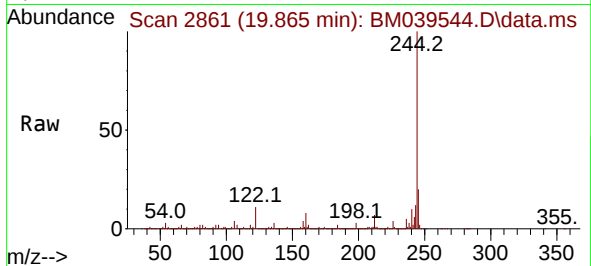




#79
 Terphenyl-d14
 Concen: 86.651 ng
 RT: 19.865 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039544.D
 Acq: 21 Apr 2023 10:03

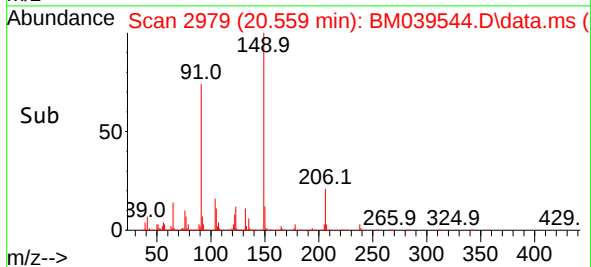
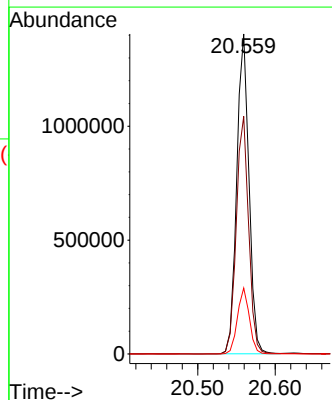
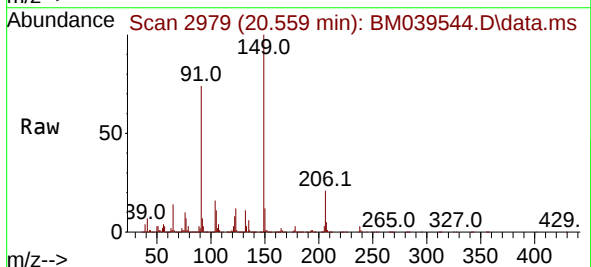
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

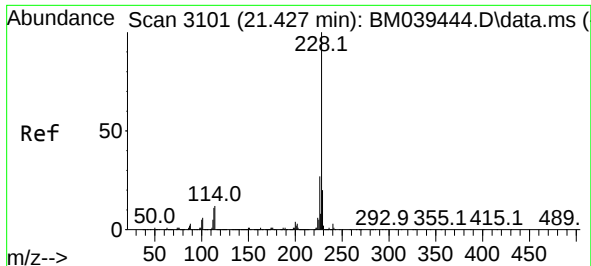
Tgt Ion:244 Resp: 5048553
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.9 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 40.284 ng
 RT: 20.559 min Scan# 2979
 Delta R.T. 0.000 min
 Lab File: BM039544.D
 Acq: 21 Apr 2023 10:03

Tgt Ion:149 Resp: 1544108
 Ion Ratio Lower Upper
 149 100
 91 74.3 59.9 89.9
 206 20.6 15.8 23.8

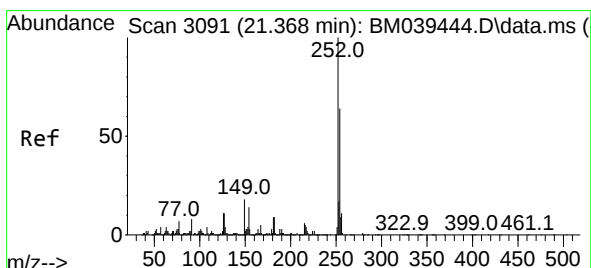
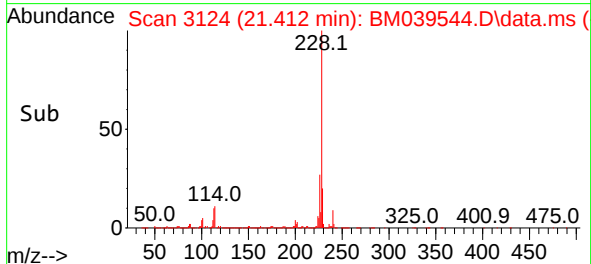
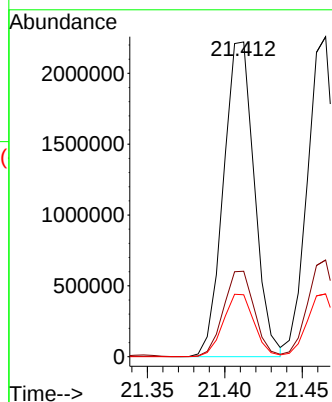
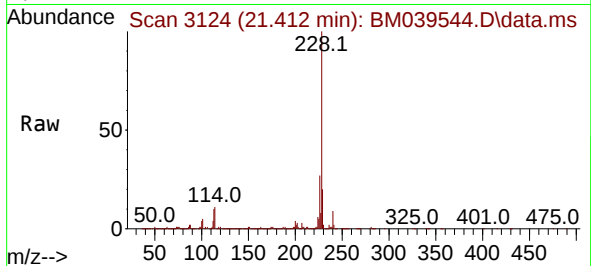




#81
Benzo(a)anthracene
Concen: 41.309 ng
RT: 21.412 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

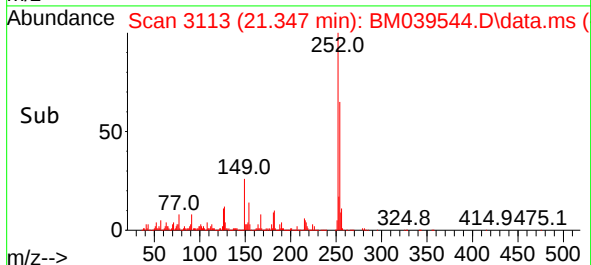
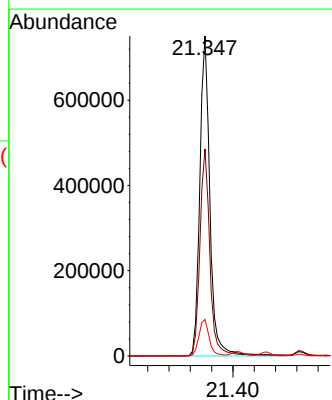
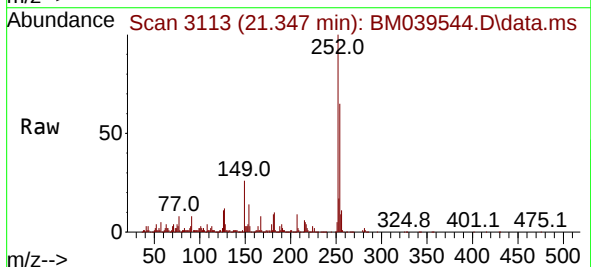
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

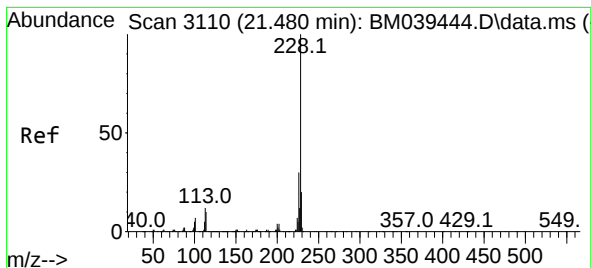
Tgt Ion:228 Resp: 3083449
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 39.995 ng
RT: 21.347 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:252 Resp: 985434
Ion Ratio Lower Upper
252 100
254 64.7 50.8 76.2
126 11.4 9.0 13.4





#83

Chrysene

Concen: 40.752 ng

RT: 21.465 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

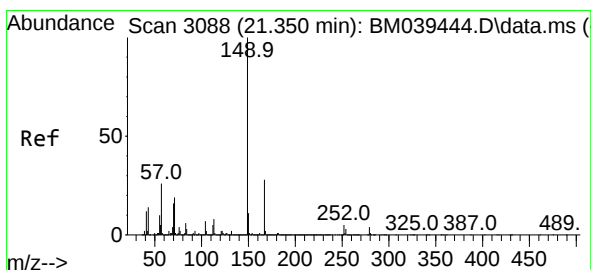
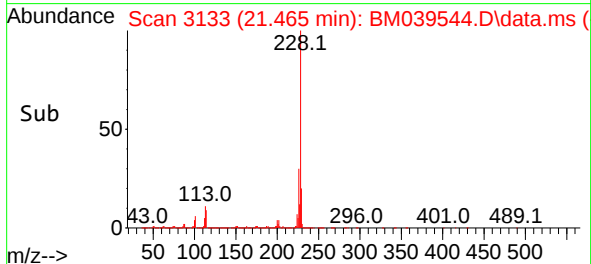
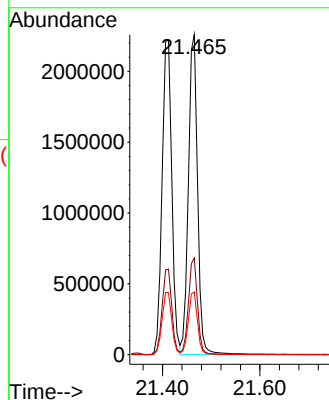
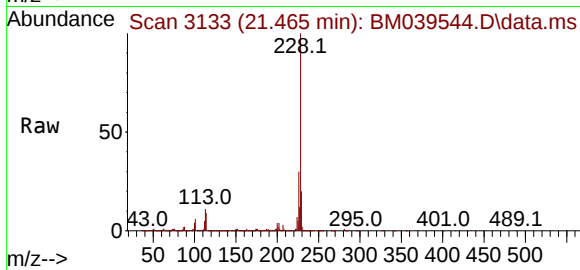
Tgt Ion:228 Resp: 2948385

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.906 ng

RT: 21.330 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

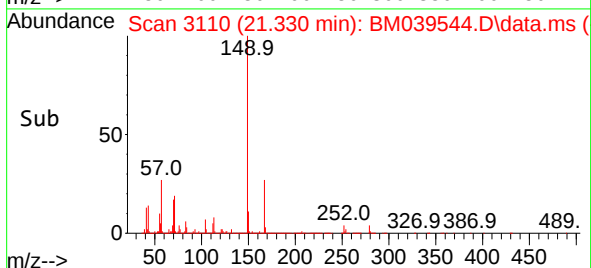
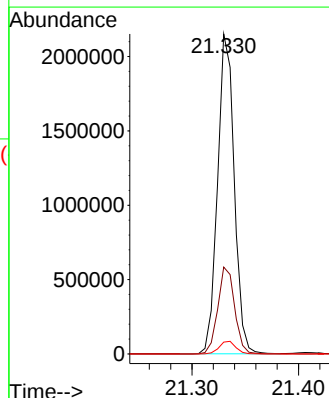
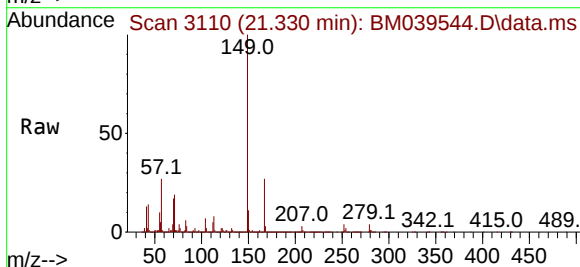
Tgt Ion:149 Resp: 2331646

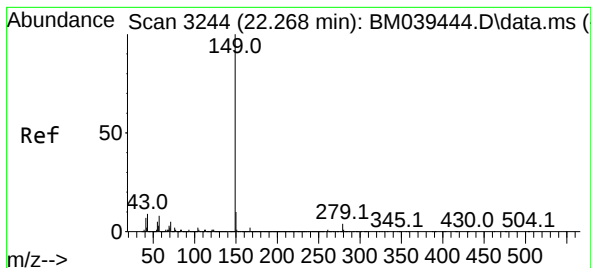
Ion Ratio Lower Upper

149 100

167 27.2 22.3 33.5

279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 37.163 ng

RT: 22.247 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

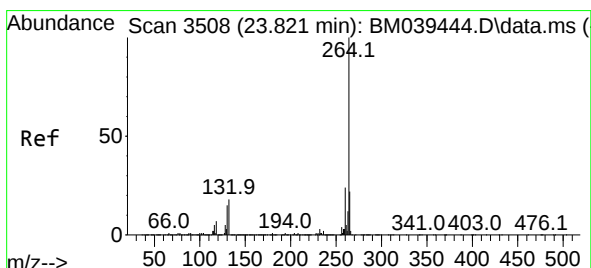
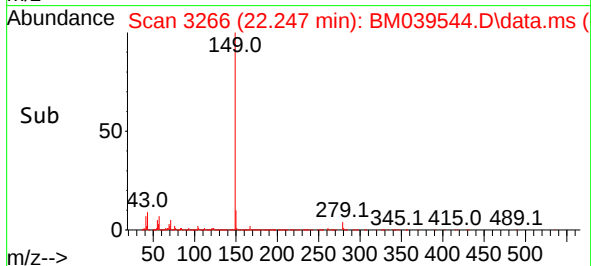
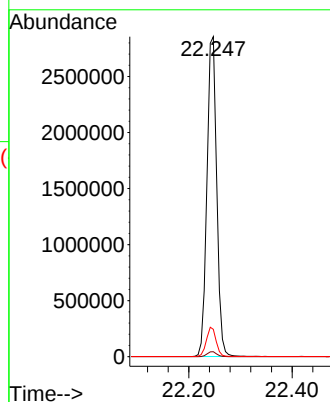
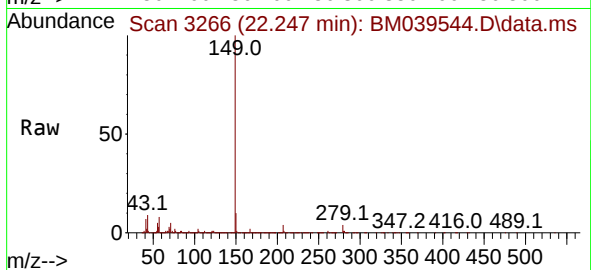
Tgt Ion:149 Resp: 3733908

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.2 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.788 min Scan# 3528

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

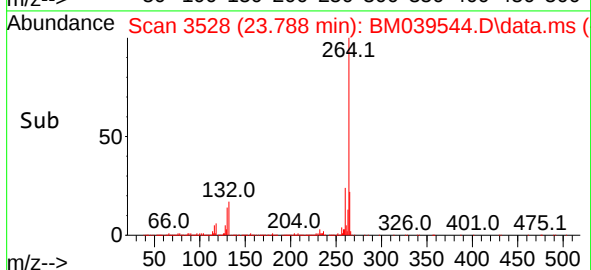
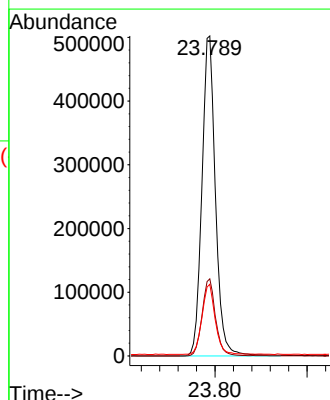
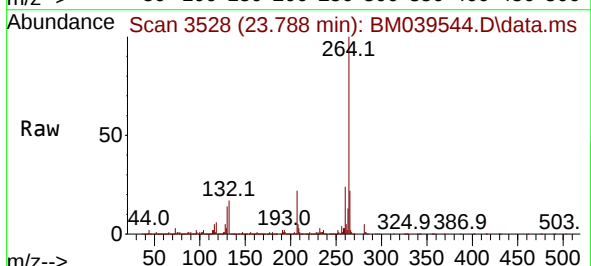
Tgt Ion:264 Resp: 1028228

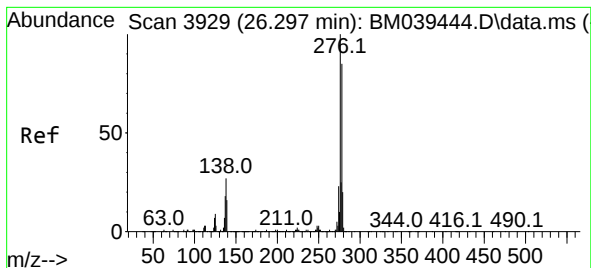
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.4 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.985 ng

RT: 26.235 min Scan# 3944

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

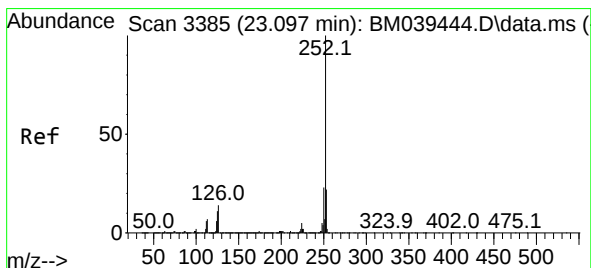
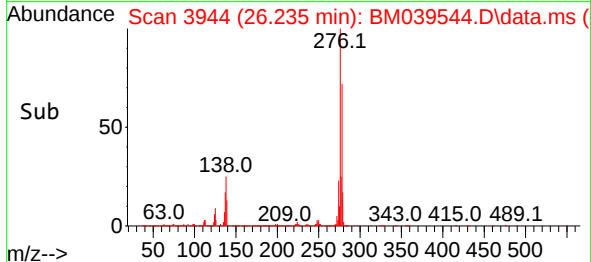
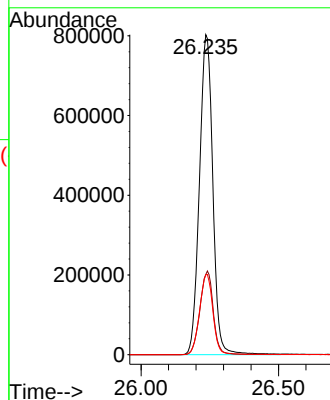
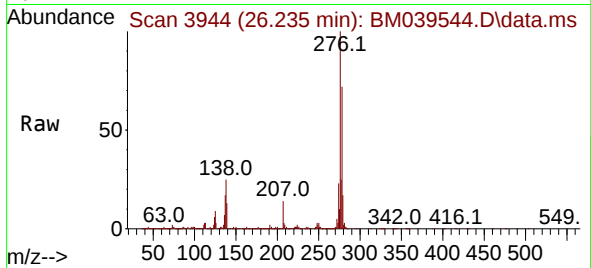
Tgt Ion:276 Resp: 2718872

Ion Ratio Lower Upper

276 100

138 26.1 21.4 32.0

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.556 ng

RT: 23.071 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

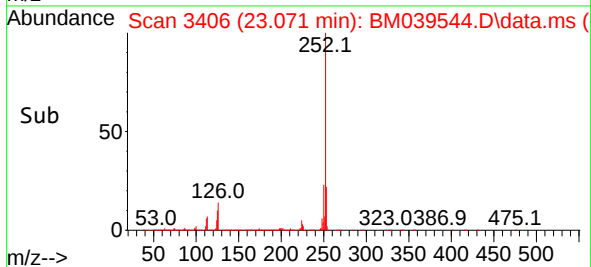
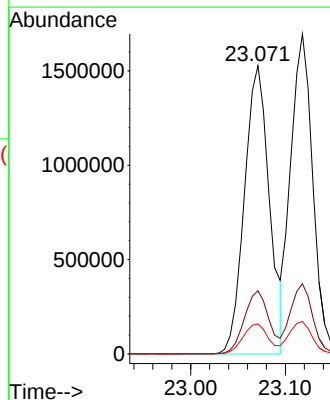
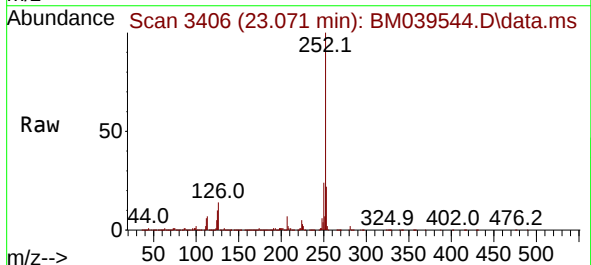
Tgt Ion:252 Resp: 2793289

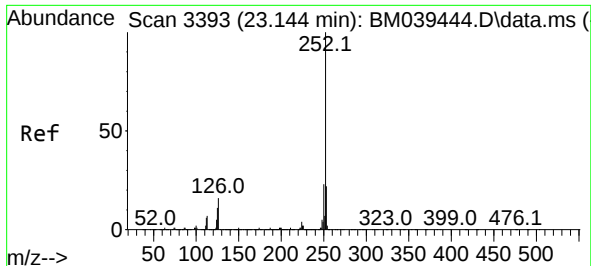
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.5 8.9 13.3

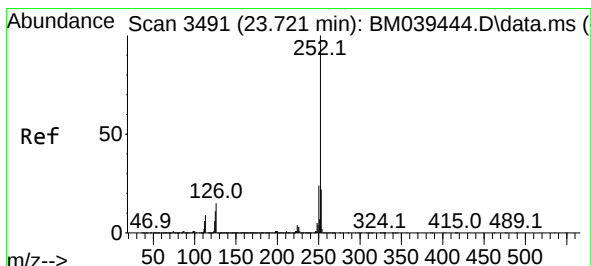
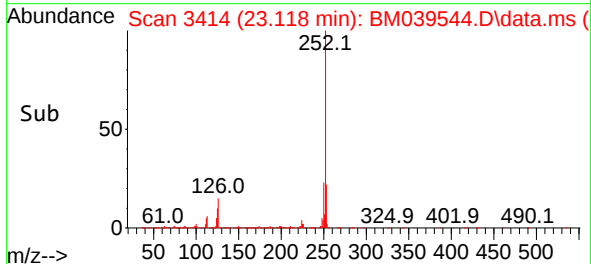
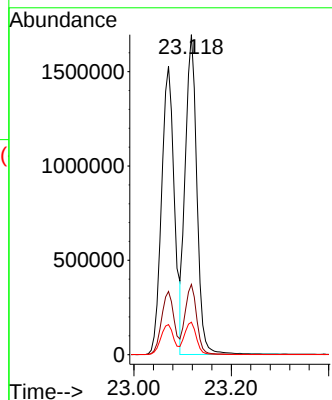
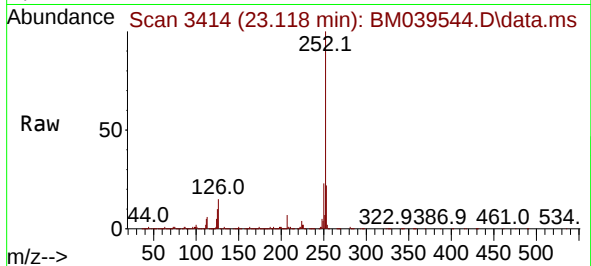




#89
Benzo(k)fluoranthene
Concen: 42.543 ng
RT: 23.118 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

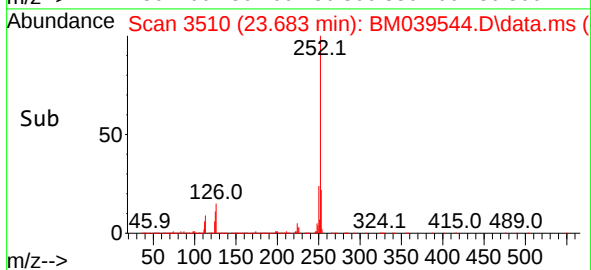
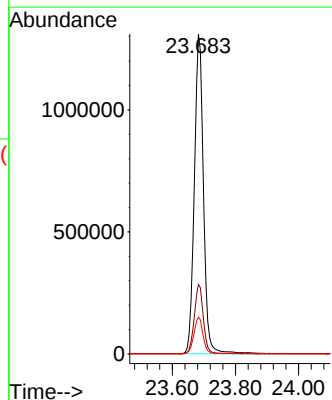
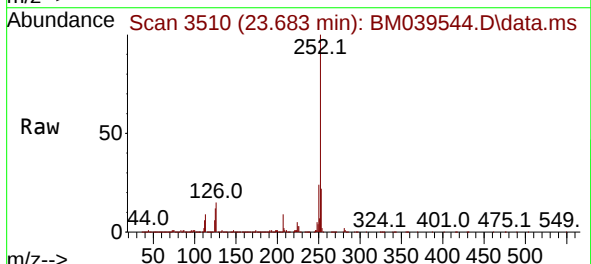
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

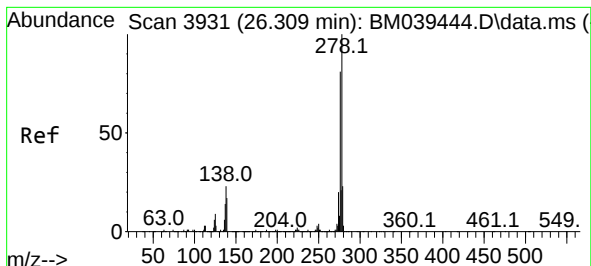
Tgt Ion:252 Resp: 2788402
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 8.8 13.2



#90
Benzo(a)pyrene
Concen: 42.362 ng
RT: 23.683 min Scan# 3510
Delta R.T. 0.000 min
Lab File: BM039544.D
Acq: 21 Apr 2023 10:03

Tgt Ion:252 Resp: 2639464
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 36.015 ng

RT: 26.247 min Scan# 3931

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

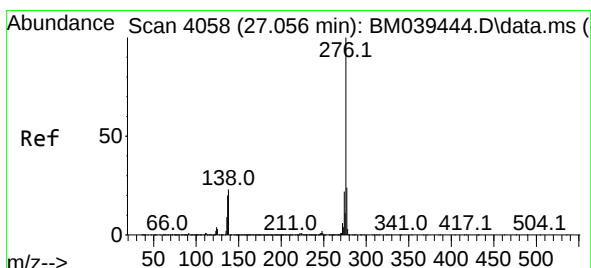
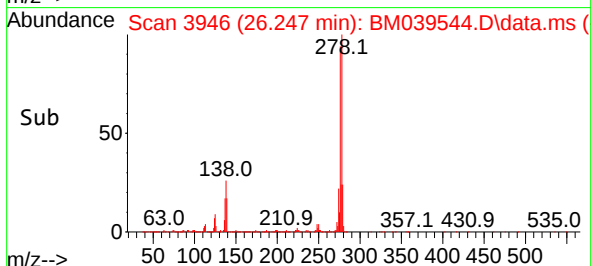
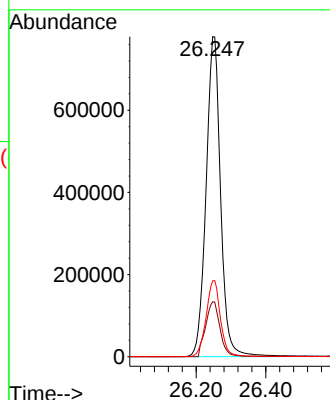
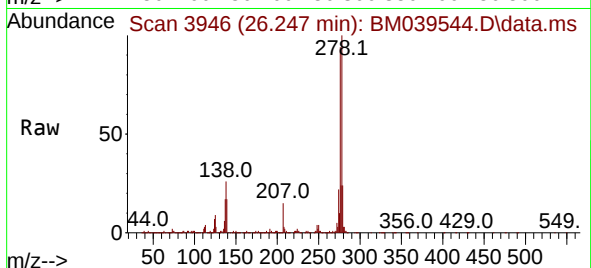
Tgt Ion:278 Resp: 2261803

Ion Ratio Lower Upper

278 100

139 17.2 13.7 20.5

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 34.310 ng

RT: 26.988 min Scan# 4072

Delta R.T. 0.000 min

Lab File: BM039544.D

Acq: 21 Apr 2023 10:03

Tgt Ion:276 Resp: 2135768

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 22.6 18.8 28.2

