

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041440.D
 Acq On : 21 Aug 2023 09:57
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 22 03:33:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	132562	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	539691	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	369447	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	890912	20.000	ng	0.00
76) Chrysene-d12	21.386	240	994249	20.000	ng	0.00
86) Perylene-d12	23.727	264	1184454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	591414	74.219	ng	0.00
7) Phenol-d6	6.957	99	826437	76.378	ng	0.00
23) Nitrobenzene-d5	8.934	82	843057	74.569	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	487748	83.192	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	2073764	75.218	ng	0.00
79) Terphenyl-d14	19.815	244	4018214	70.328	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	119116	35.184	ng	97
3) Pyridine	3.646	79	333700	37.308	ng	98
4) n-Nitrosodimethylamine	3.563	42	149679	36.294	ng	99
6) Aniline	7.098	93	498263	38.724	ng	98
8) 2-Chlorophenol	7.328	128	316741	38.473	ng	99
9) Benzaldehyde	6.910	77	215940	36.146	ng	98
10) Phenol	6.981	94	400032	38.265	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	319460	38.198	ng	99
12) 1,3-Dichlorobenzene	7.640	146	348977	38.139	ng	98
13) 1,4-Dichlorobenzene	7.792	146	352421	38.094	ng	98
14) 1,2-Dichlorobenzene	8.104	146	343497	38.467	ng	99
15) Benzyl Alcohol	8.016	79	301984	39.313	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.281	45	366989	36.574	ng	98
17) 2-Methylphenol	8.228	107	294907	39.462	ng	99
18) Hexachloroethane	8.822	117	132371	37.679	ng	96
19) n-Nitroso-di-n-propyla...	8.575	70	291770	39.306	ng	99
20) 3+4-Methylphenols	8.563	107	410145	39.960	ng	98
22) Acetophenone	8.598	105	526327	37.844	ng	# 98
24) Nitrobenzene	8.975	77	424624	37.613	ng	99
25) Isophorone	9.498	82	794399	38.388	ng	99
26) 2-Nitrophenol	9.681	139	192534	39.061	ng	98
27) 2,4-Dimethylphenol	9.757	122	304721	38.394	ng	99
28) bis(2-Chloroethoxy)met...	9.986	93	449633	37.329	ng	99
29) 2,4-Dichlorophenol	10.228	162	341055	39.225	ng	98
30) 1,2,4-Trichlorobenzene	10.422	180	373317	38.668	ng	97
31) Naphthalene	10.604	128	1056873	37.665	ng	100
32) Benzoic acid	9.951	122	235861	37.001	ng	99
33) 4-Chloroaniline	10.739	127	467174	39.436	ng	98
34) Hexachlorobutadiene	10.875	225	250393	39.218	ng	98
35) Caprolactam	11.569	113	112713	41.816	ng	97
36) 4-Chloro-3-methylphenol	11.892	107	369593	39.941	ng	97
37) 2-Methylnaphthalene	12.227	142	805271	39.440	ng	99
38) 1-Methylnaphthalene	12.445	142	756424	39.214	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	463511	38.455	ng	98
41) Hexachlorocyclopentadiene	12.557	237	278916	45.528	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	317725	39.386	ng	98

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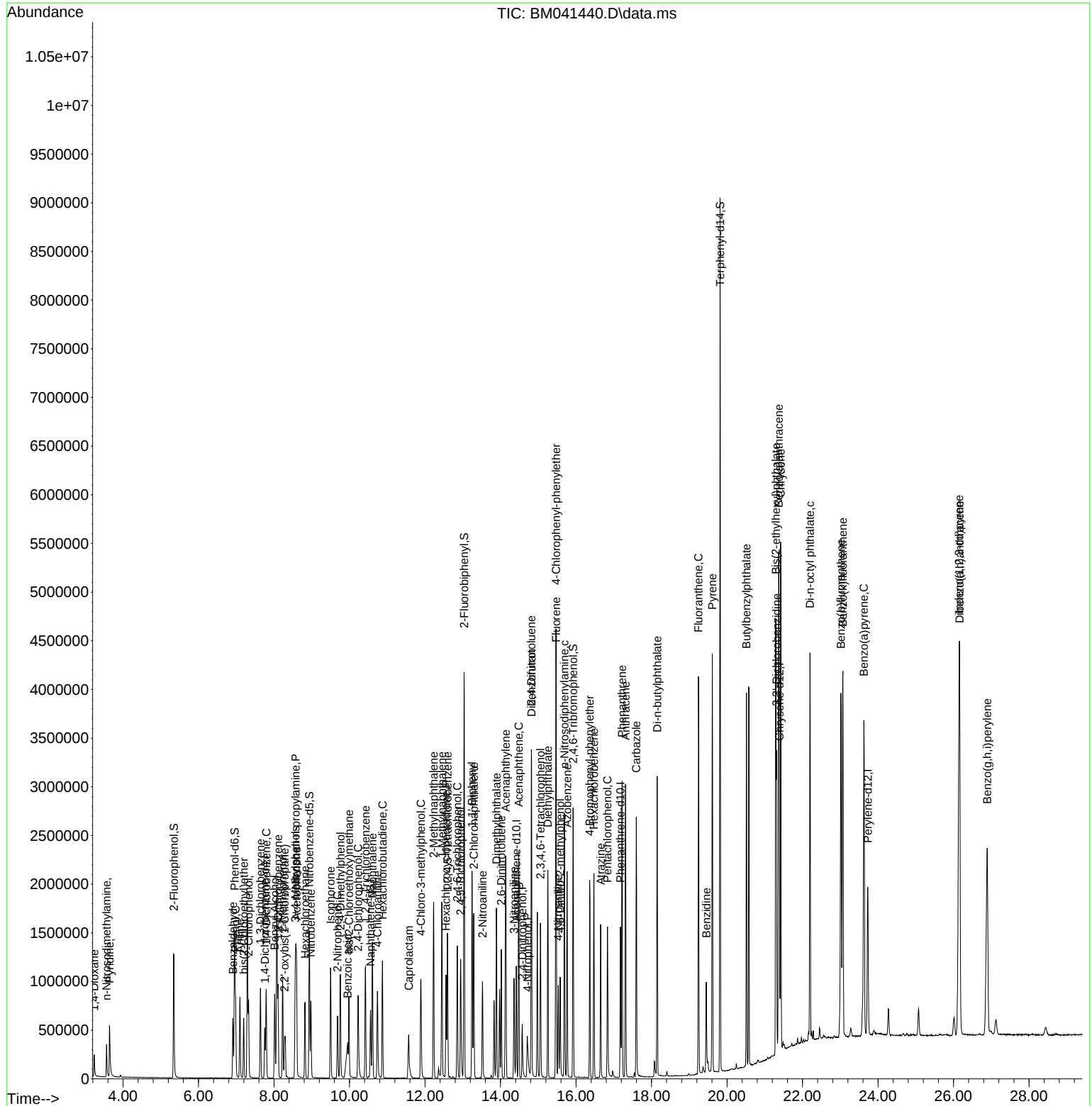
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	367638	39.368	ng	97
46) 1,1'-Biphenyl	13.245	154	1041388	37.350	ng	99
47) 2-Chloronaphthalene	13.292	162	810465	37.820	ng	99
48) 2-Nitroaniline	13.521	65	270072	38.570	ng	94
49) Acenaphthylene	14.139	152	1330033	38.301	ng	100
50) Dimethylphthalate	13.892	163	1124196	38.969	ng	100
51) 2,6-Dinitrotoluene	14.021	165	246501	39.870	ng	95
52) Acenaphthene	14.480	154	790536	38.063	ng	100
53) 3-Nitroaniline	14.357	138	248354	40.279	ng	100
54) 2,4-Dinitrophenol	14.574	184	136225	35.227	ng	94
55) Dibenzofuran	14.821	168	1349342	38.744	ng	100
56) 4-Nitrophenol	14.710	139	165283	35.599	ng	96
57) 2,4-Dinitrotoluene	14.816	165	353991	41.896	ng	94
58) Fluorene	15.474	166	1099759	39.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	322754	40.666	ng	96
60) Diethylphthalate	15.257	149	1137833	39.476	ng	98
61) 4-Chlorophenyl-phenyle...	15.468	204	605832	40.260	ng	98
62) 4-Nitroaniline	15.527	138	240824	42.814	ng	99
63) Azobenzene	15.762	77	1112547	38.310	ng	98
65) 4,6-Dinitro-2-methylph...	15.580	198	227680	39.922	ng	95
66) n-Nitrosodiphenylamine	15.692	169	960327	36.618	ng	98
67) 4-Bromophenyl-phenylether	16.362	248	383167	37.531	ng	98
68) Hexachlorobenzene	16.474	284	422240	37.898	ng	98
69) Atrazine	16.657	200	294774	39.608	ng	99
70) Pentachlorophenol	16.833	266	288902	37.030	ng	99
71) Phenanthrene	17.221	178	1778210	37.812	ng	100
72) Anthracene	17.309	178	1837755	38.537	ng	99
73) Carbazole	17.598	167	1664147	39.220	ng	100
74) Di-n-butylphthalate	18.151	149	2107530	39.537	ng	99
75) Fluoranthene	19.245	202	2339297	41.780	ng	100
77) Benzidine	19.451	184	597442	52.423	ng	99
78) Pyrene	19.609	202	2445867	34.397	ng	100
80) Butylbenzylphthalate	20.515	149	1039606	36.503	ng	98
81) Benzo(a)anthracene	21.368	228	2639066	38.869	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	941904	42.893	ng	99
83) Chrysene	21.421	228	2490482	38.589	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1560887	38.577	ng	# 96
85) Di-n-octyl phthalate	22.197	149	2680474	40.516	ng	98
87) Indeno(1,2,3-cd)pyrene	26.150	276	3165031	41.041	ng	98
88) Benzo(b)fluoranthene	23.015	252	2608985	36.957	ng	99
89) Benzo(k)fluoranthene	23.068	252	2719529	38.119	ng	99
90) Benzo(a)pyrene	23.627	252	2597445	38.640	ng	99
91) Dibenzo(a,h)anthracene	26.162	278	2669719	41.163	ng	98
92) Benzo(g,h,i)perylene	26.891	276	2539253	40.499	ng	99

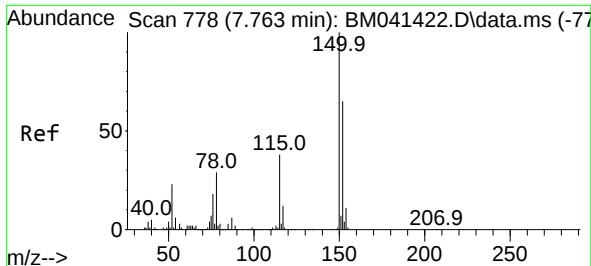
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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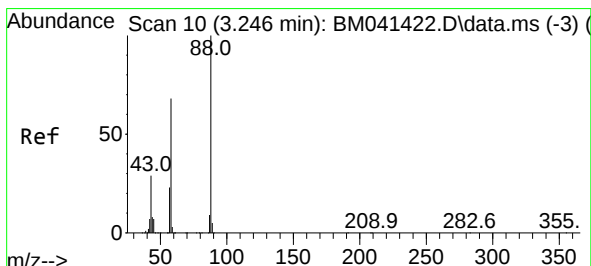
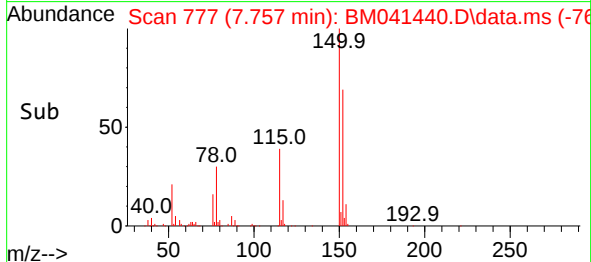
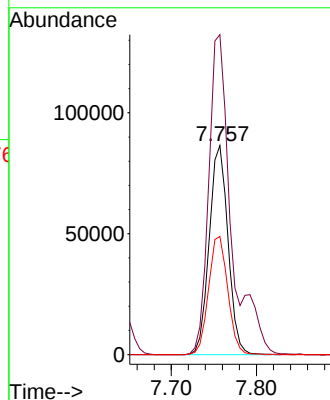
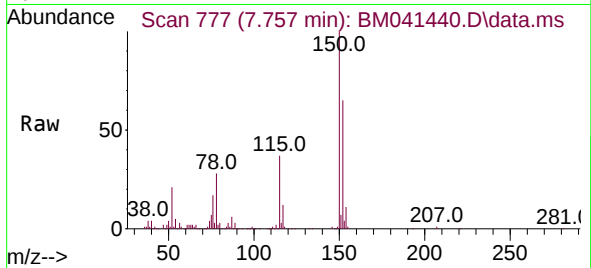




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041440.D
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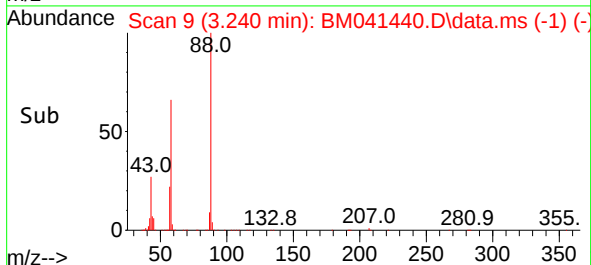
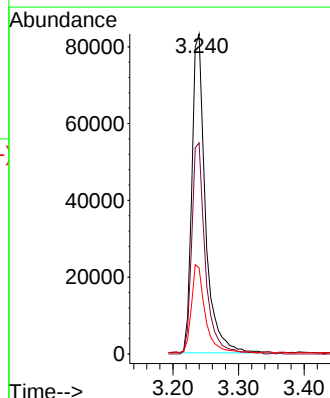
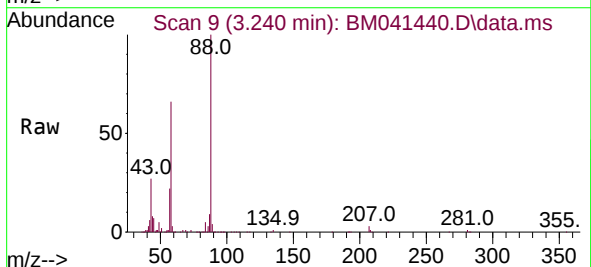
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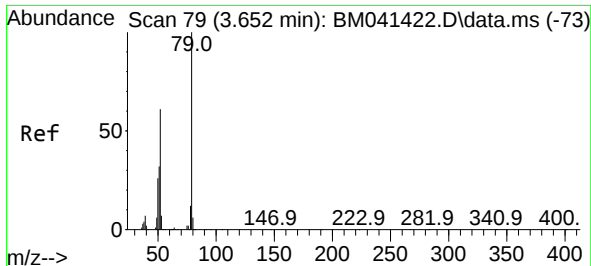
Tgt Ion:152 Resp: 132562
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.8 185.6
 115 56.5 46.6 70.0



#2
 1,4-Dioxane
 Concen: 35.184 ng
 RT: 3.240 min Scan# 9
 Delta R.T. 0.000 min
 Lab File: BM041440.D
 Acq: 21 Aug 2023 09:57

Tgt Ion: 88 Resp: 119116
 Ion Ratio Lower Upper
 88 100
 58 66.5 55.1 82.7
 43 27.6 23.2 34.8

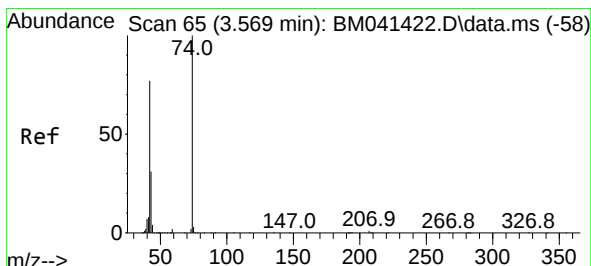
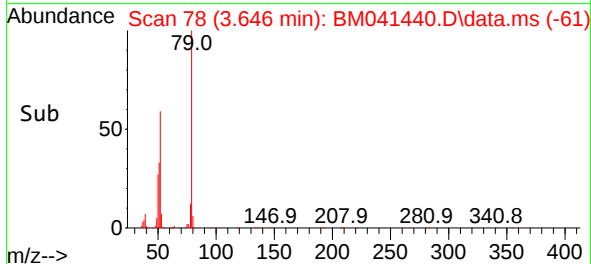
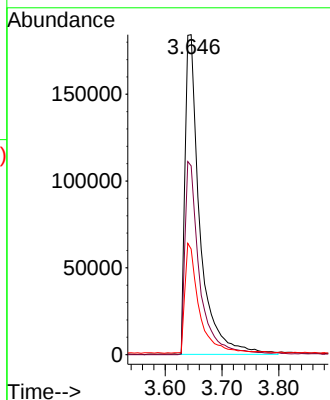
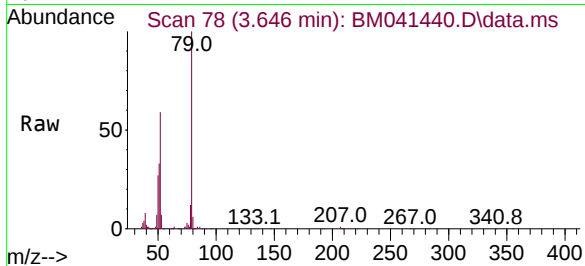




#3
 Pyridine
 Concen: 37.308 ng
 RT: 3.646 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM041440.D
 Acq: 21 Aug 2023 09:57

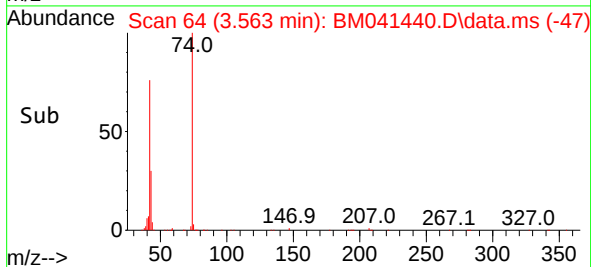
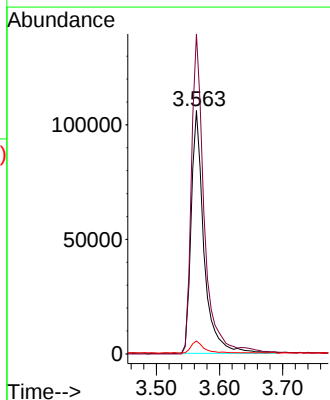
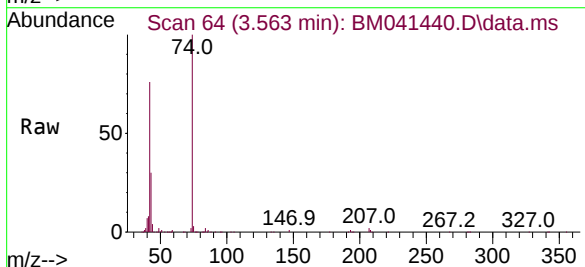
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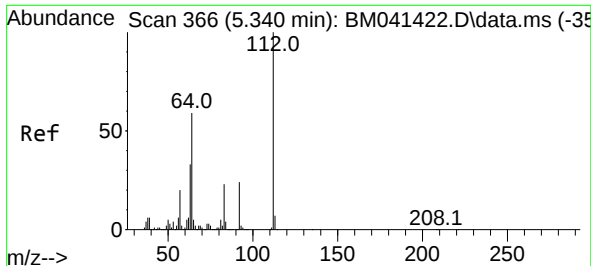
Tgt Ion: 79 Resp: 333700
 Ion Ratio Lower Upper
 79 100
 52 59.0 49.0 73.4
 51 33.0 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 36.294 ng
 RT: 3.563 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BM041440.D
 Acq: 21 Aug 2023 09:57

Tgt Ion: 42 Resp: 149679
 Ion Ratio Lower Upper
 42 100
 74 131.5 104.1 156.1
 44 5.3 4.6 6.8

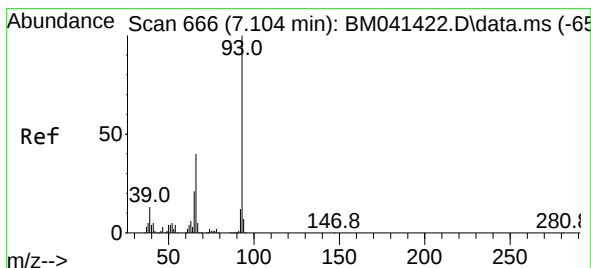
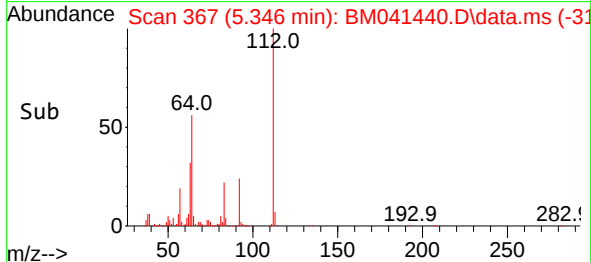
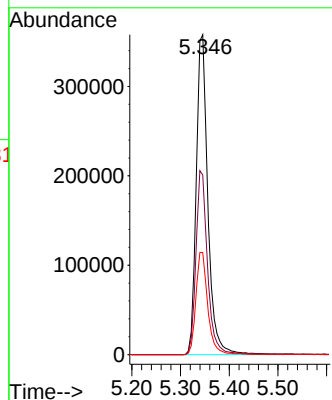
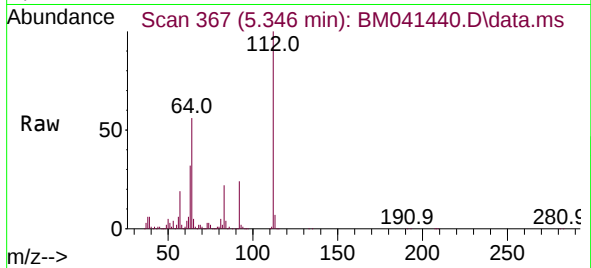




#5
2-Fluorophenol
Concen: 74.219 ng
RT: 5.346 min Scan# 366
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

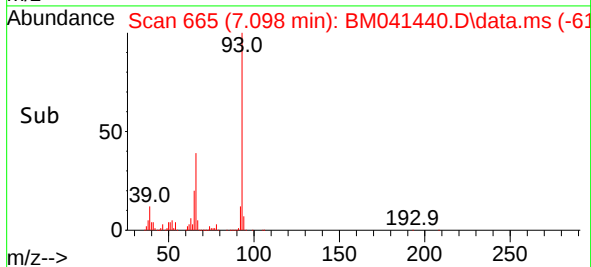
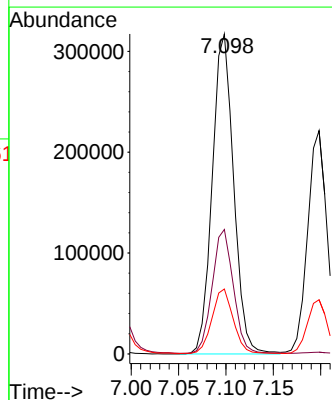
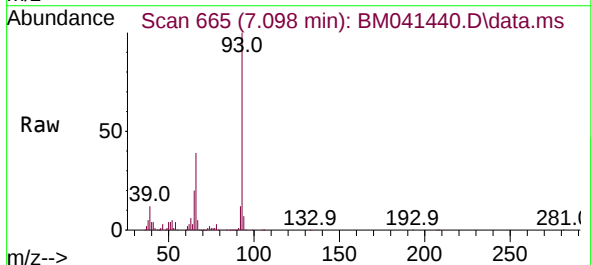
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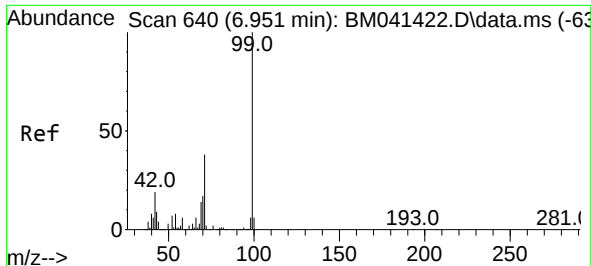
Tgt Ion:112 Resp: 591414
Ion Ratio Lower Upper
112 100
64 56.1 47.3 70.9
63 31.9 26.5 39.7



#6
Aniline
Concen: 38.724 ng
RT: 7.098 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion: 93 Resp: 498263
Ion Ratio Lower Upper
93 100
66 38.9 31.8 47.8
65 20.3 16.8 25.2

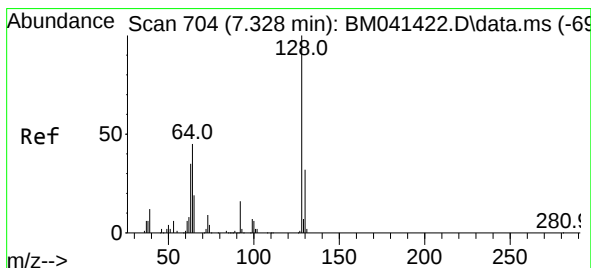
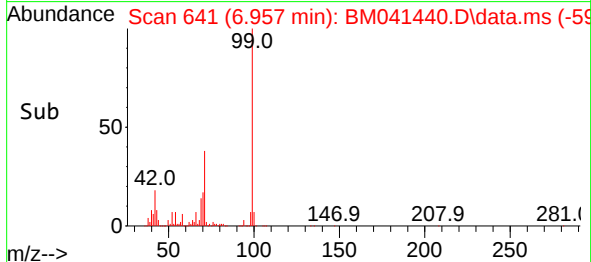
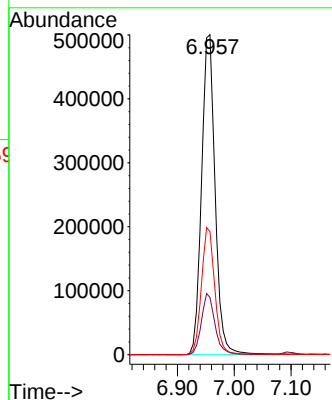
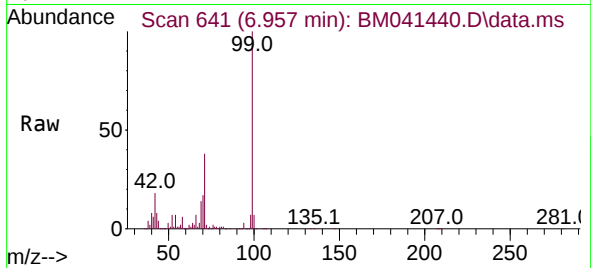




#7
Phenol-d6
Concen: 76.378 ng
RT: 6.957 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041440.D
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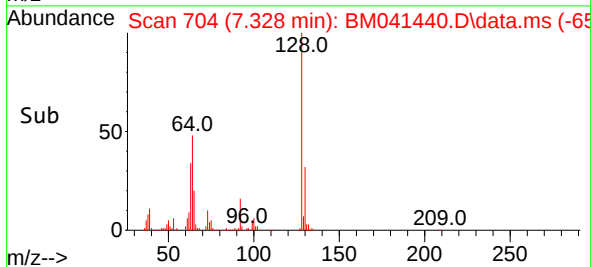
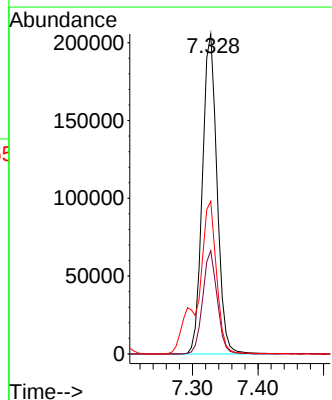
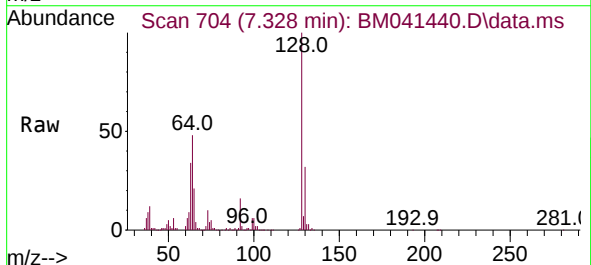
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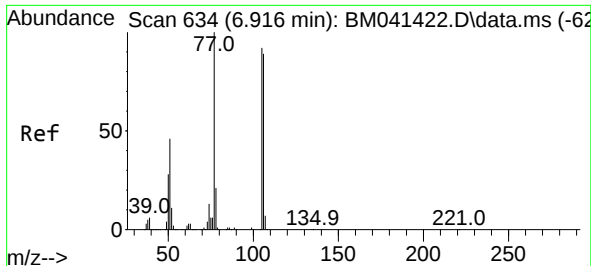
Tgt Ion: 99 Resp: 826437
Ion Ratio Lower Upper
99 100
42 17.9 15.2 22.8
71 38.4 30.7 46.1



#8
2-Chlorophenol
Concen: 38.473 ng
RT: 7.328 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion: 128 Resp: 316741
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 47.7 28.8 68.8

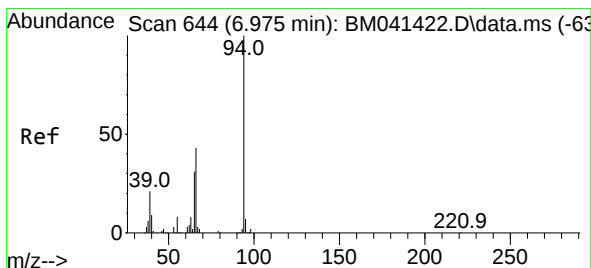
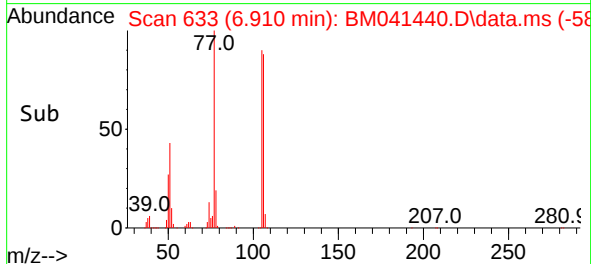
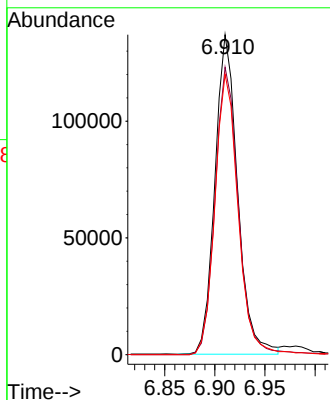
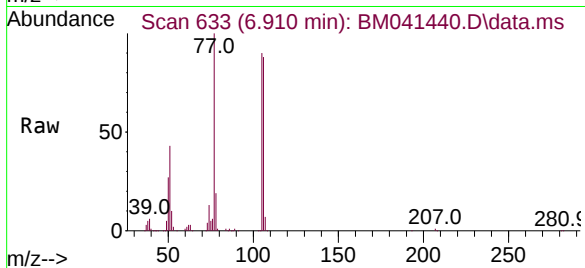




#9
Benzaldehyde
Concen: 36.146 ng
RT: 6.910 min Scan# 634
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

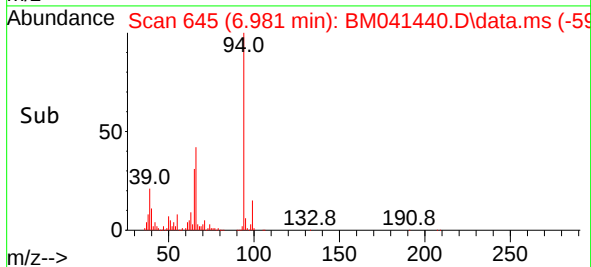
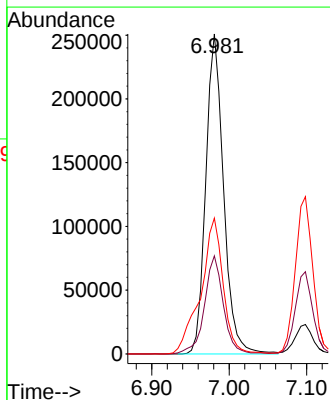
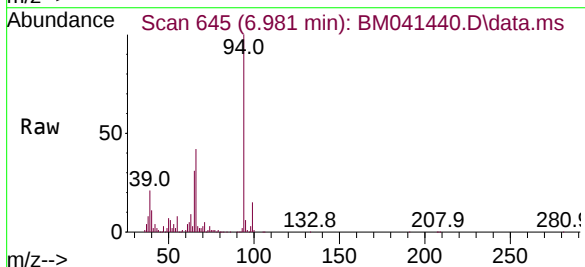
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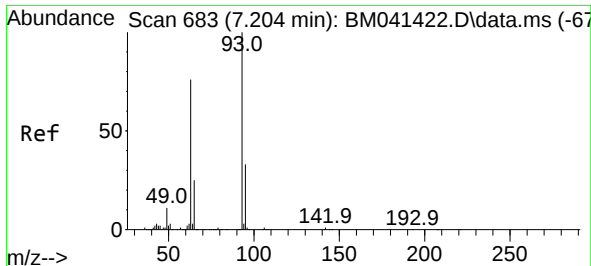
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Ion Ratio Lower Upper
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105 89.8 71.7 111.7
106 87.6 68.6 108.6



#10
Phenol
Concen: 38.265 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion: 94 Resp: 400032
Ion Ratio Lower Upper
94 100
65 30.6 11.0 51.0
66 42.4 23.9 63.9

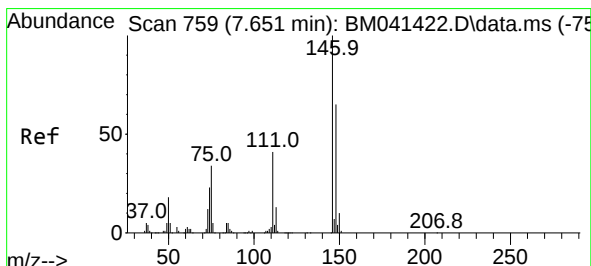
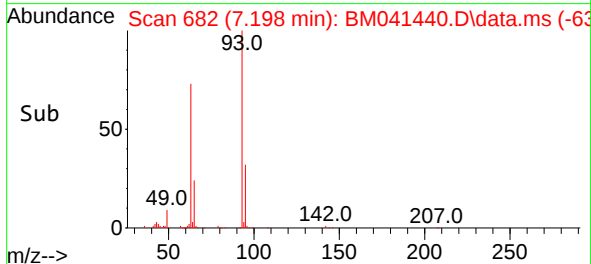
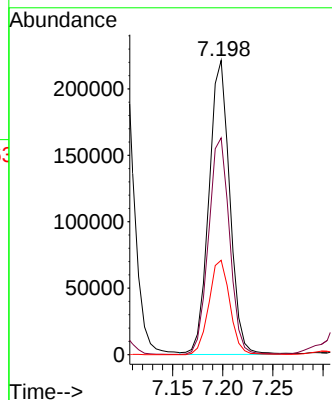
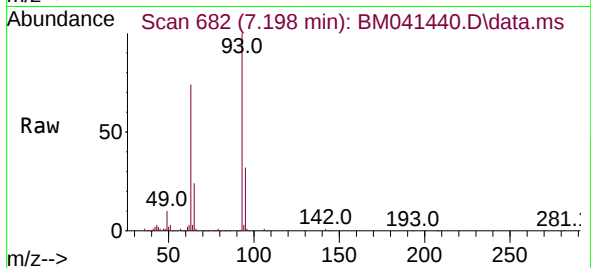




#11
bis(2-Chloroethyl)ether
Concen: 38.198 ng
RT: 7.198 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

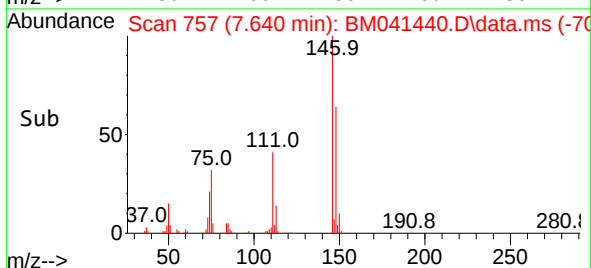
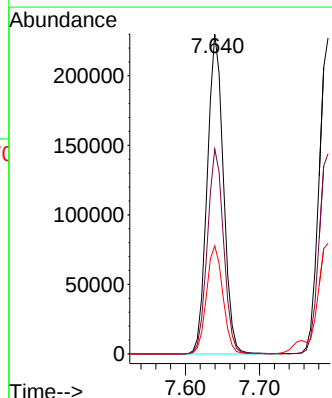
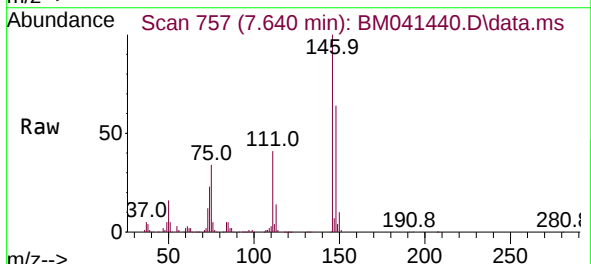
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

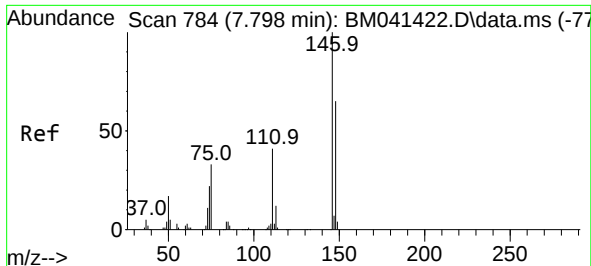
Tgt Ion: 93 Resp: 319460
Ion Ratio Lower Upper
93 100
63 73.7 55.2 95.2
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.139 ng
RT: 7.640 min Scan# 757
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion: 146 Resp: 348977
Ion Ratio Lower Upper
146 100
148 64.0 52.3 78.5
75 33.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 38.094 ng

RT: 7.792 min Scan# 781

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

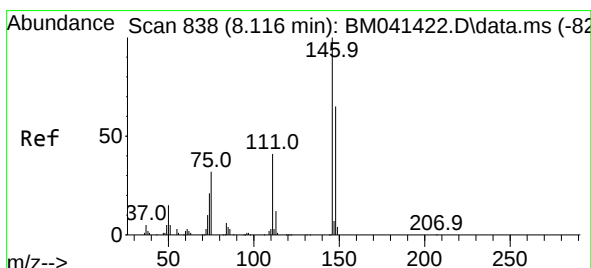
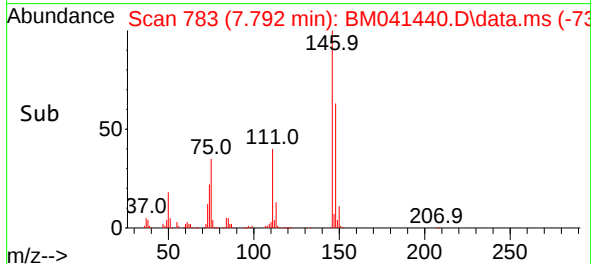
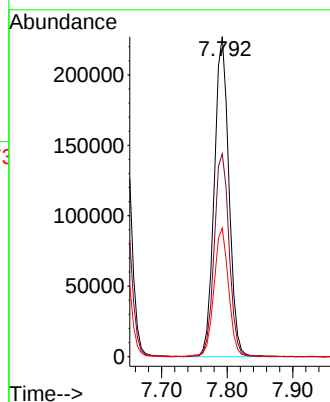
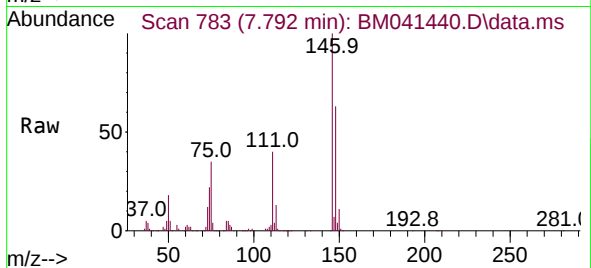
Tgt Ion:146 Resp: 352421

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.4

111 40.2 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 38.467 ng

RT: 8.104 min Scan# 836

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

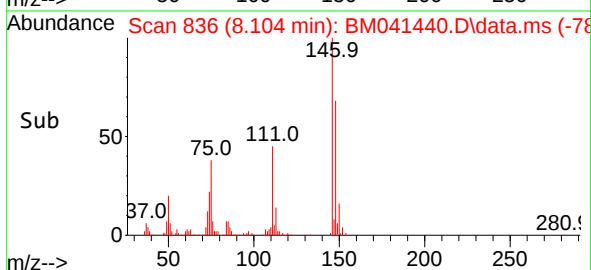
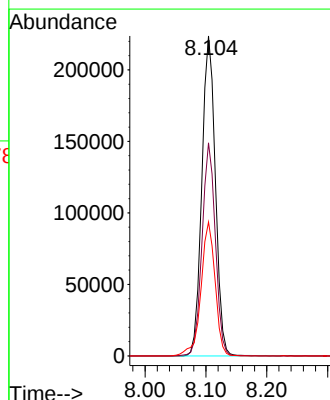
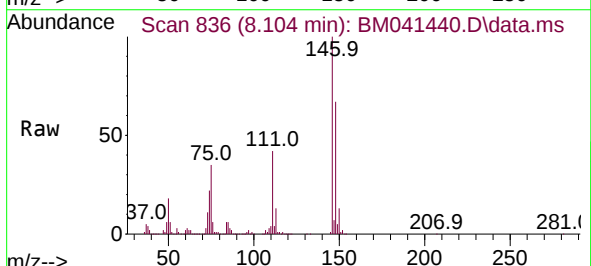
Tgt Ion:146 Resp: 343497

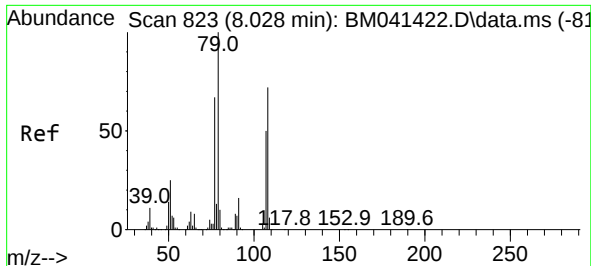
Ion Ratio Lower Upper

146 100

148 66.6 52.0 78.0

111 41.8 33.4 50.0

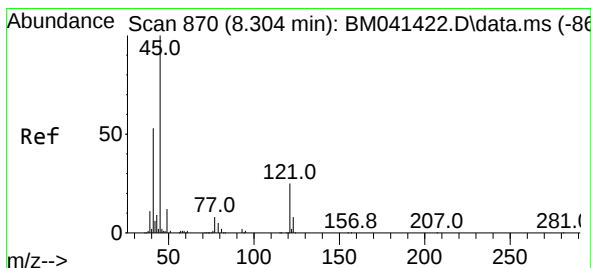
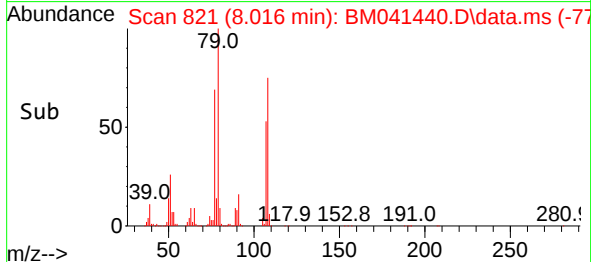
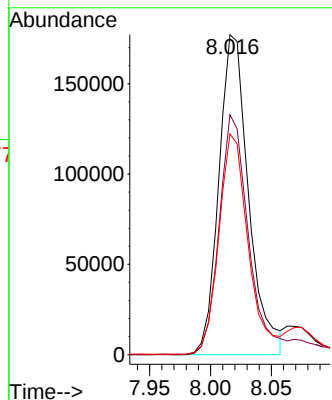
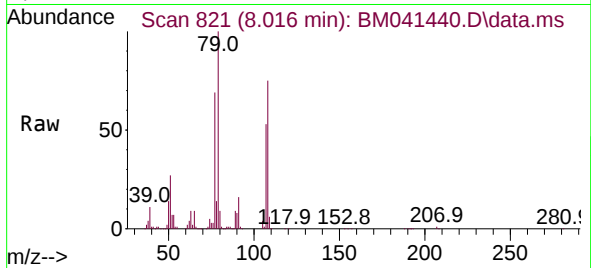




#15
Benzyl Alcohol
Concen: 39.313 ng
RT: 8.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

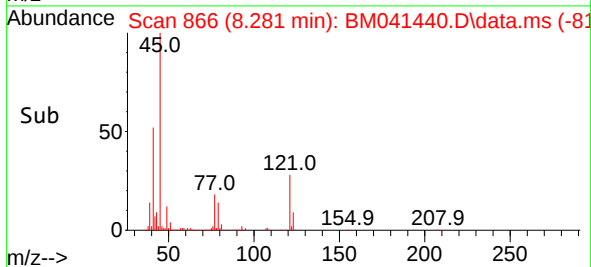
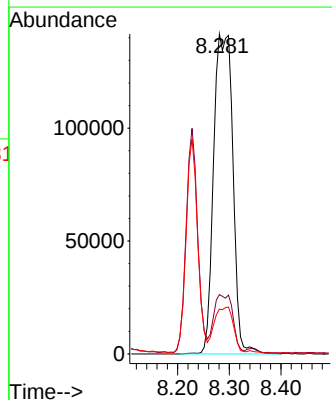
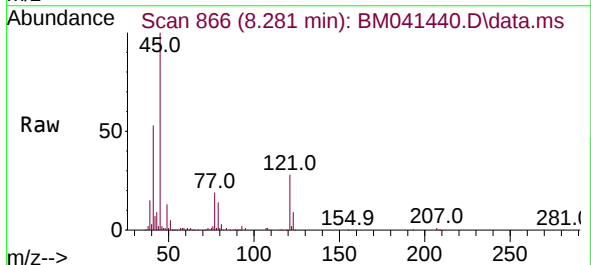
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

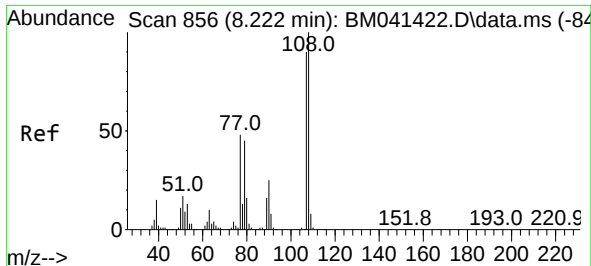
Tgt Ion: 79 Resp: 301984
Ion Ratio Lower Upper
79 100
108 75.0 57.8 86.8
77 69.0 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.574 ng
RT: 8.281 min Scan# 866
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion: 45 Resp: 366989
Ion Ratio Lower Upper
45 100
77 18.5 0.0 37.3
79 14.0 0.0 33.8

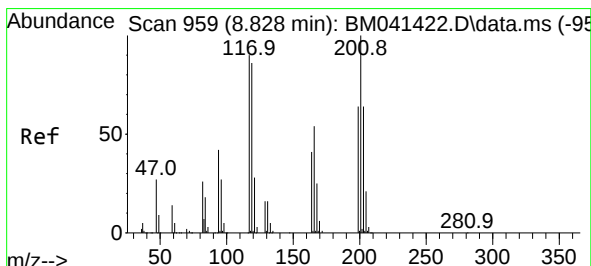
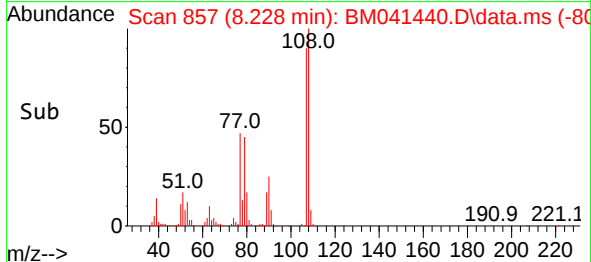
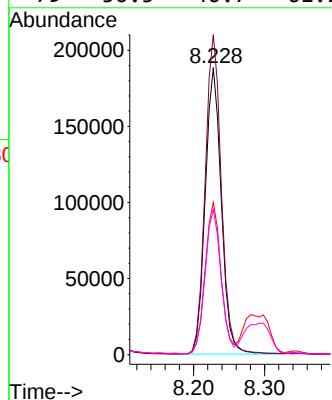
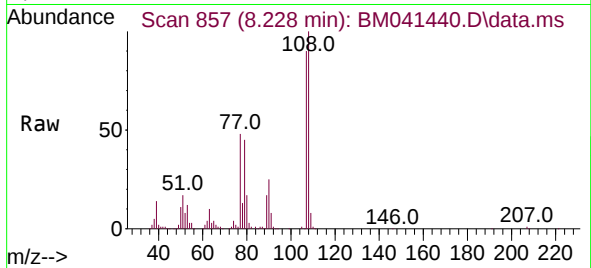




#17
2-Methylphenol
Concen: 39.462 ng
RT: 8.228 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

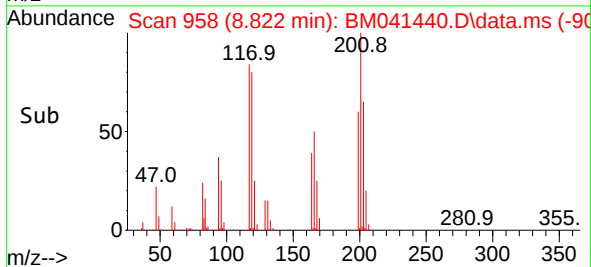
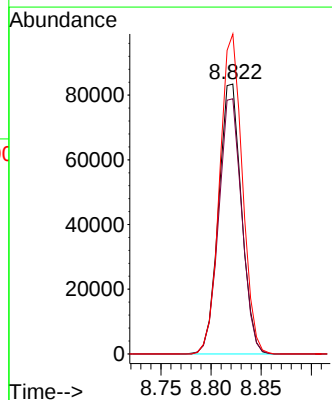
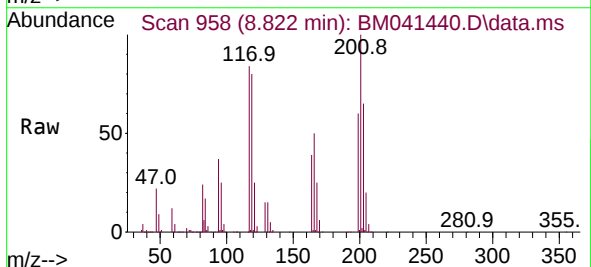
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

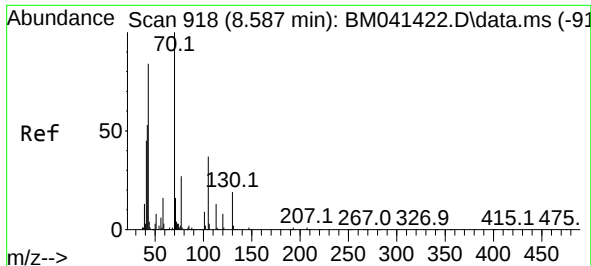
Tgt Ion:107 Resp: 294907
Ion Ratio Lower Upper
107 100
108 111.5 89.2 133.8
77 53.0 43.4 65.0
79 50.5 40.7 61.1



#18
Hexachloroethane
Concen: 37.679 ng
RT: 8.822 min Scan# 958
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:117 Resp: 132371
Ion Ratio Lower Upper
117 100
119 94.5 76.3 114.5
201 118.6 88.5 132.7

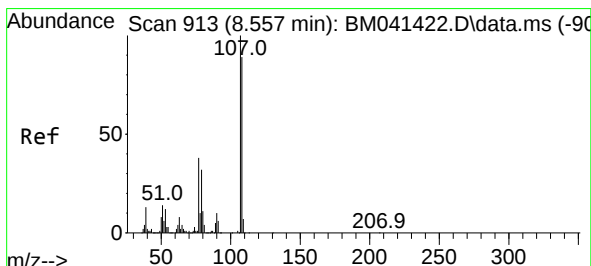
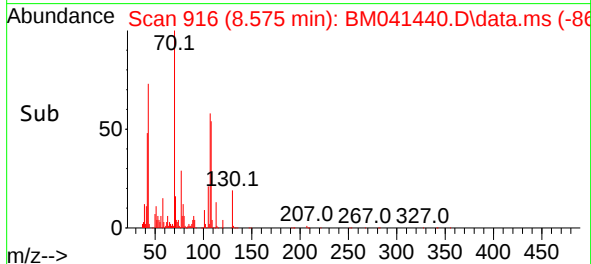
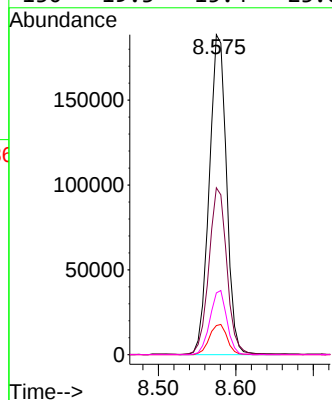
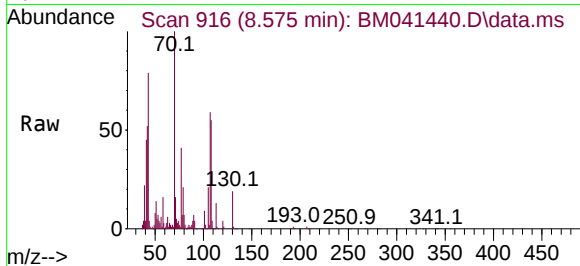




#19
n-Nitroso-di-n-propylamine
Concen: 39.306 ng
RT: 8.575 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

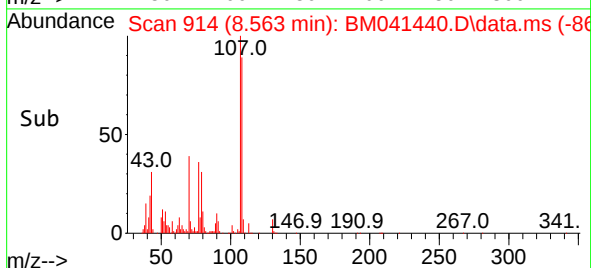
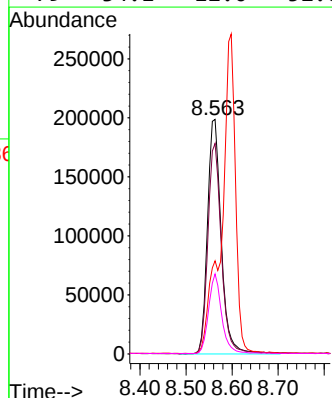
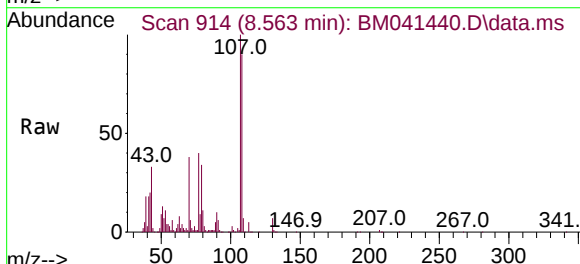
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

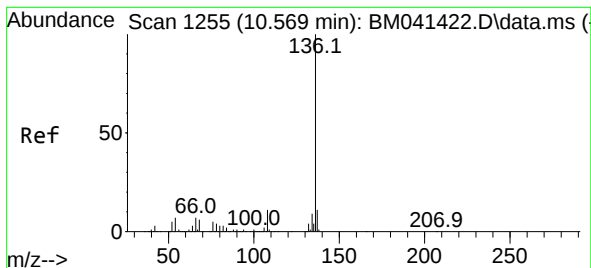
Tgt Ion:	70	Resp:	291770
Ion	Ratio	Lower	Upper
70	100		
42	52.1	42.6	63.8
101	9.1	7.4	11.0
130	19.3	15.4	23.0



#20
3+4-Methylphenols
Concen: 39.960 ng
RT: 8.563 min Scan# 914
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:	107	Resp:	410145
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.7	108.7
77	39.7	18.1	58.1
79	34.1	12.0	52.0

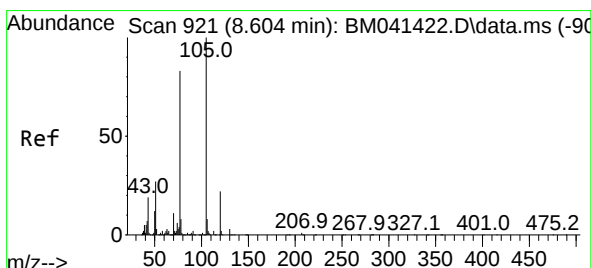
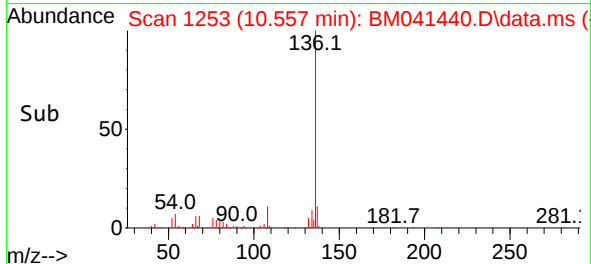
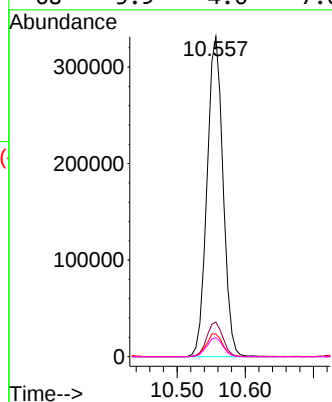
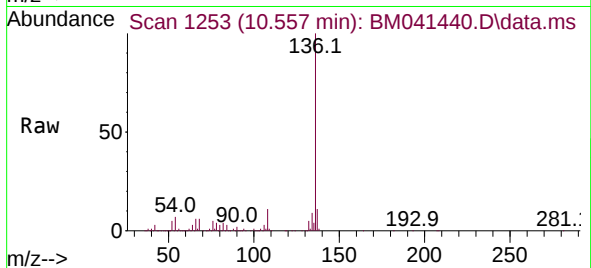




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

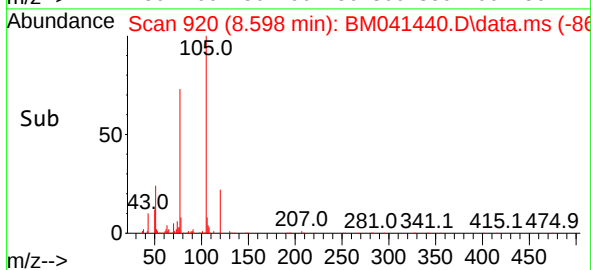
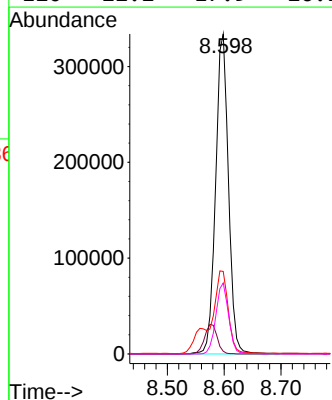
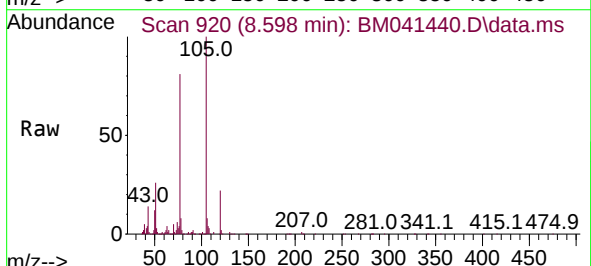
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

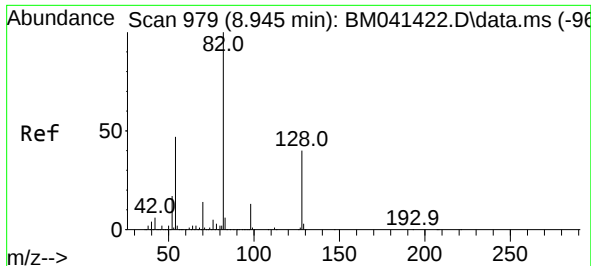
Tgt Ion:	136	Resp:	539691
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.1	5.7	8.5
68	5.9	4.6	7.0



#22
Acetophenone
Concen: 37.844 ng
RT: 8.598 min Scan# 920
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:	105	Resp:	526327
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.4	2.2
51	25.8	21.7	32.5
120	22.2	17.9	26.9





#23

Nitrobenzene-d5

Concen: 74.569 ng

RT: 8.934 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

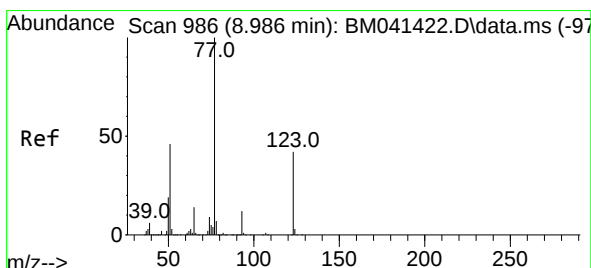
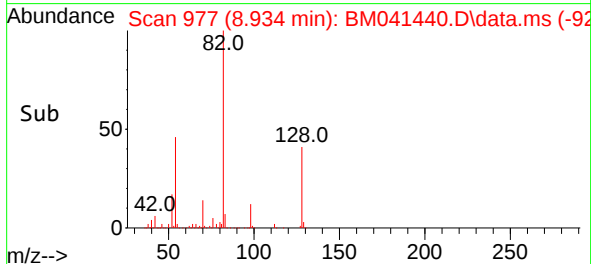
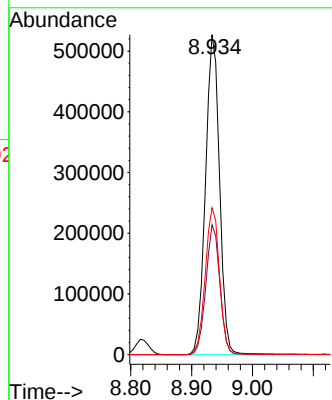
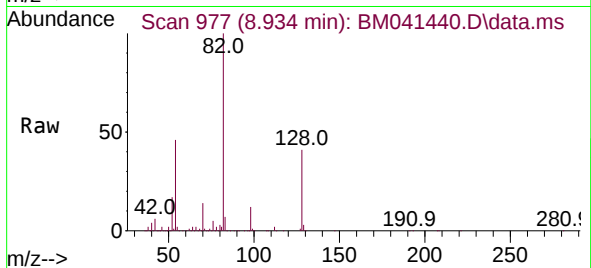
Tgt Ion: 82 Resp: 843057

Ion Ratio Lower Upper

82 100

128 40.6 32.2 48.4

54 45.9 37.5 56.3



#24

Nitrobenzene

Concen: 37.613 ng

RT: 8.975 min Scan# 984

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

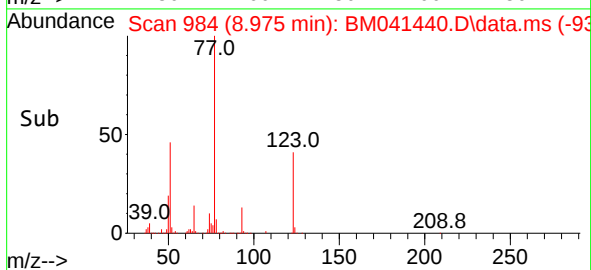
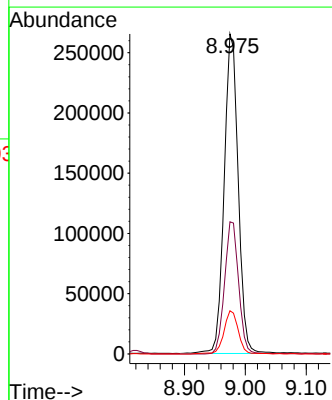
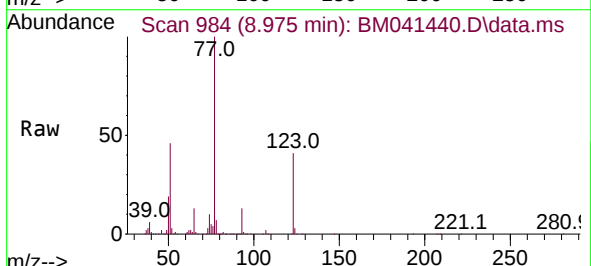
Tgt Ion: 77 Resp: 424624

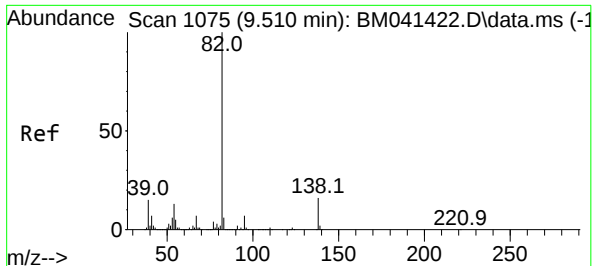
Ion Ratio Lower Upper

77 100

123 41.3 33.5 50.3

65 13.5 11.0 16.6

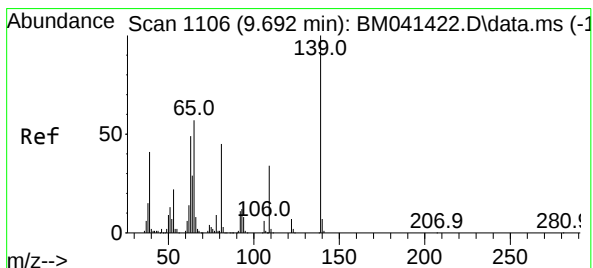
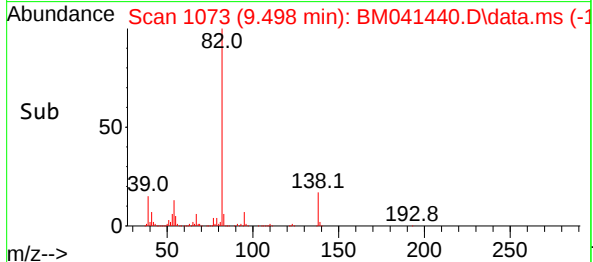
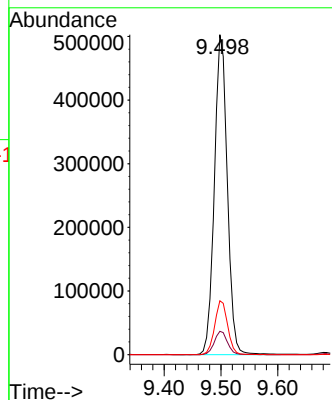
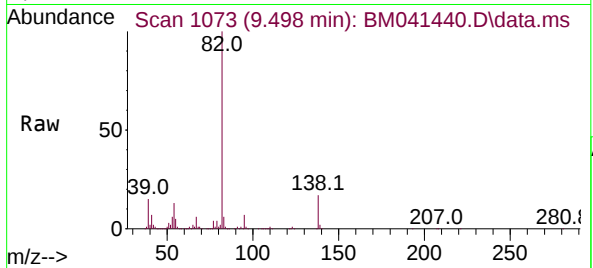




#25
Isophorone
Concen: 38.388 ng
RT: 9.498 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

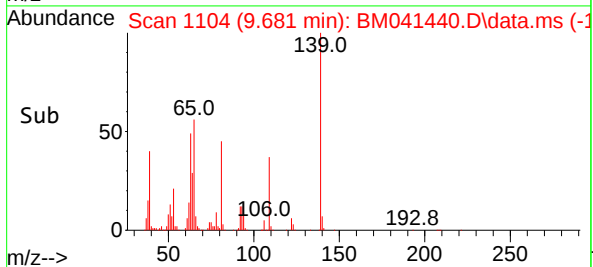
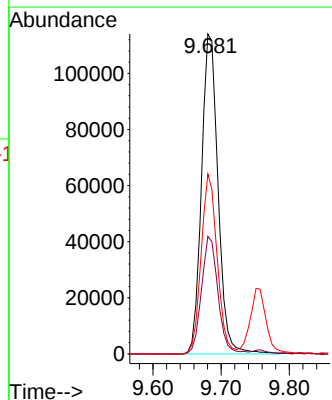
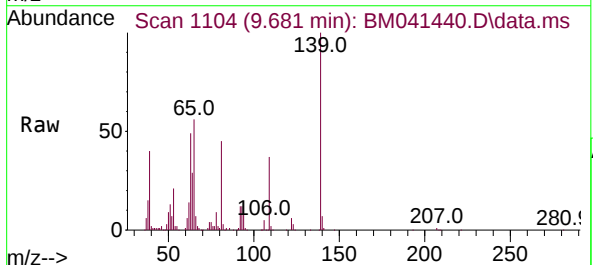
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

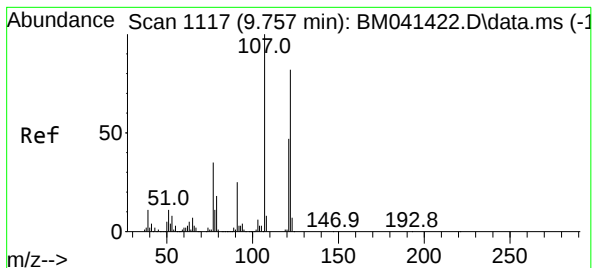
Tgt Ion: 82 Resp: 794399
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 16.8 12.9 19.3



#26
2-Nitrophenol
Concen: 39.061 ng
RT: 9.681 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion: 139 Resp: 192534
Ion Ratio Lower Upper
139 100
109 36.7 27.4 41.2
65 56.2 45.3 67.9

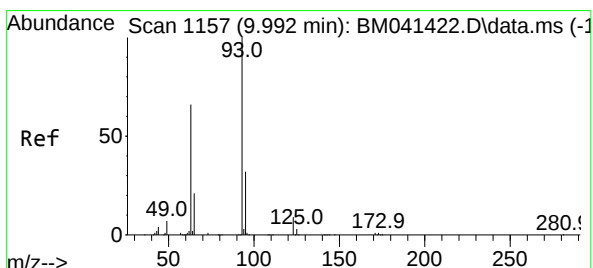
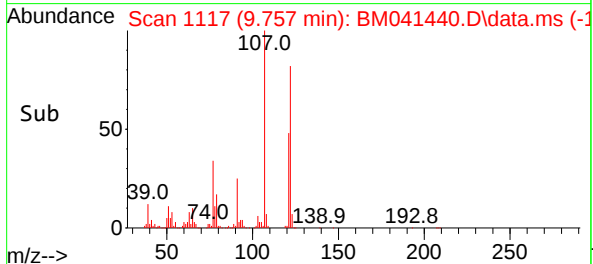
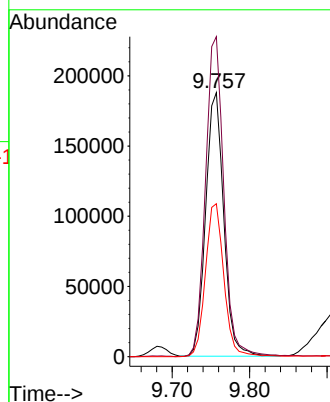
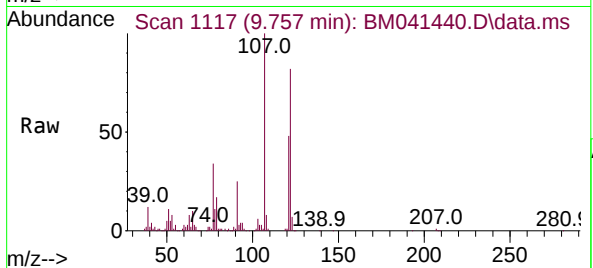




#27
2,4-Dimethylphenol
Concen: 38.394 ng
RT: 9.757 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

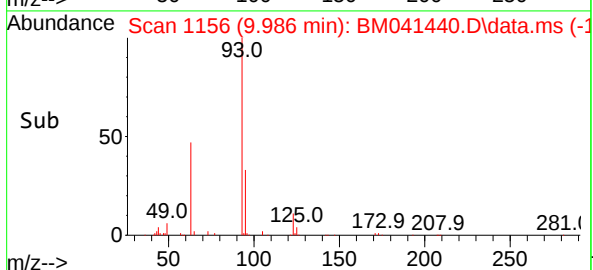
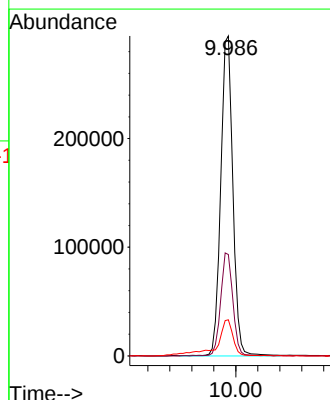
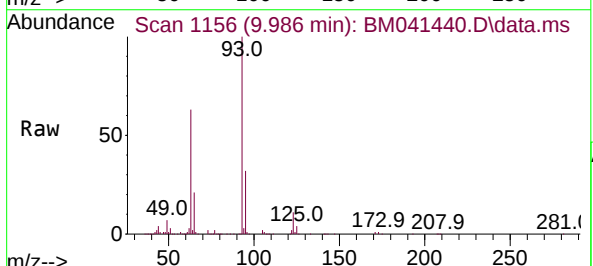
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

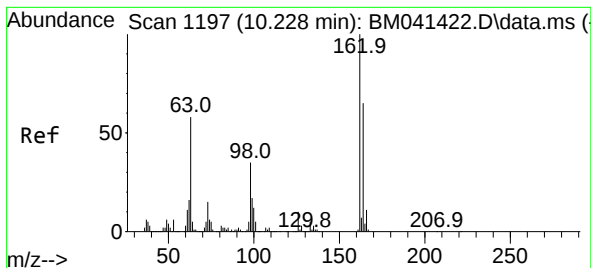
Tgt Ion:122 Resp: 304721
Ion Ratio Lower Upper
122 100
107 121.2 96.7 145.1
121 57.9 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 37.329 ng
RT: 9.986 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion: 93 Resp: 449633
Ion Ratio Lower Upper
93 100
95 31.7 25.5 38.3
123 11.3 8.7 13.1

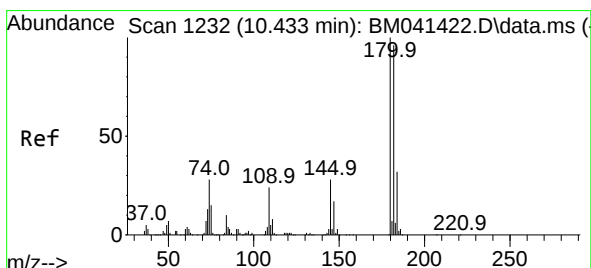
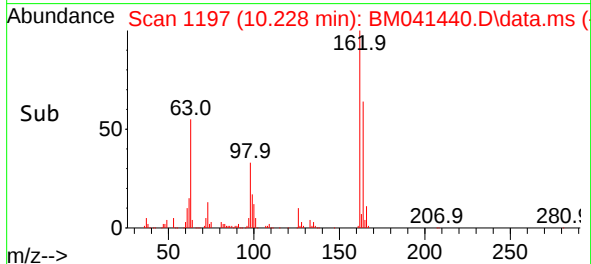
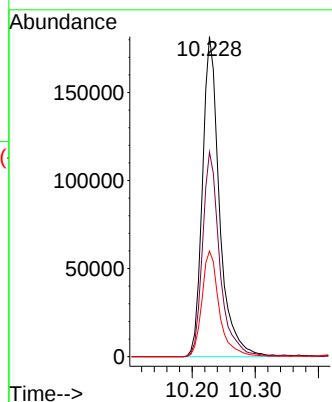
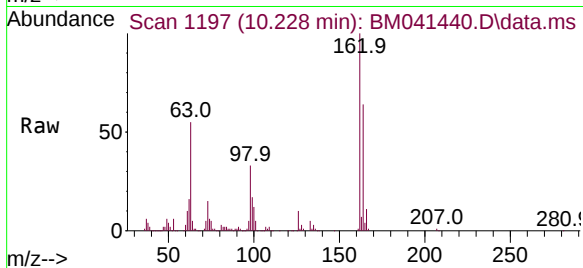




#29
2,4-Dichlorophenol
Concen: 39.225 ng
RT: 10.228 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

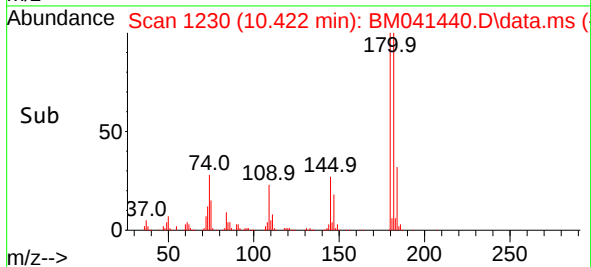
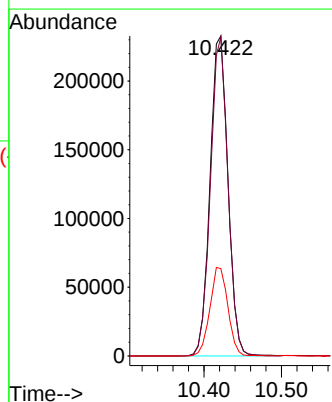
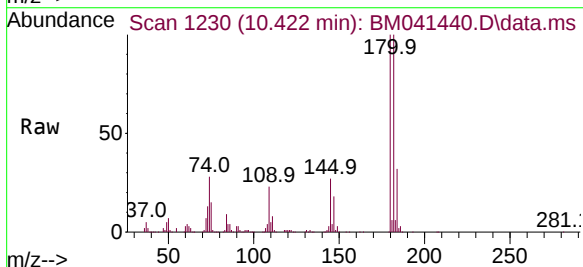
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

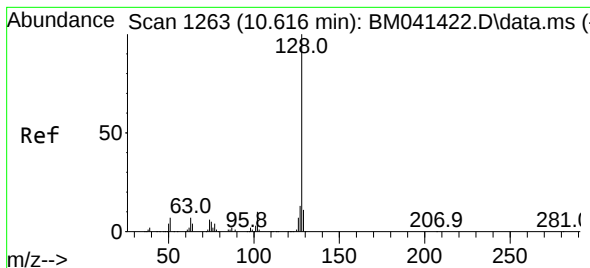
Tgt Ion:162 Resp: 341055
Ion Ratio Lower Upper
162 100
164 63.9 44.6 84.6
98 33.0 14.6 54.6



#30
1,2,4-Trichlorobenzene
Concen: 38.668 ng
RT: 10.422 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:180 Resp: 373317
Ion Ratio Lower Upper
180 100
182 99.7 76.6 114.8
145 27.3 22.4 33.6

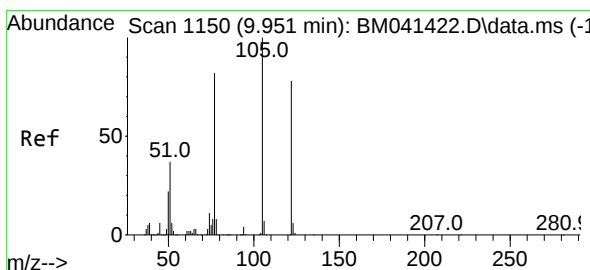
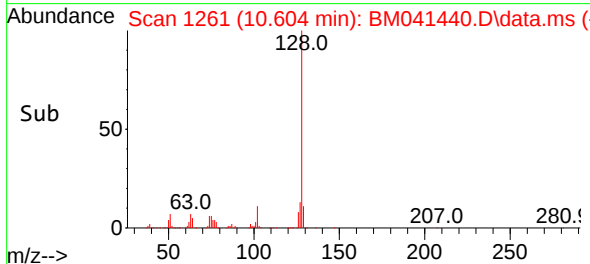
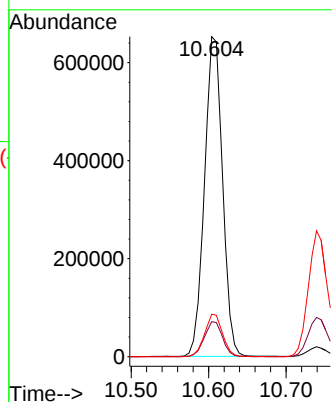
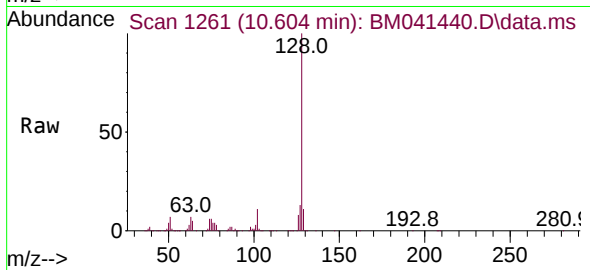




#31
Naphthalene
Concen: 37.665 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

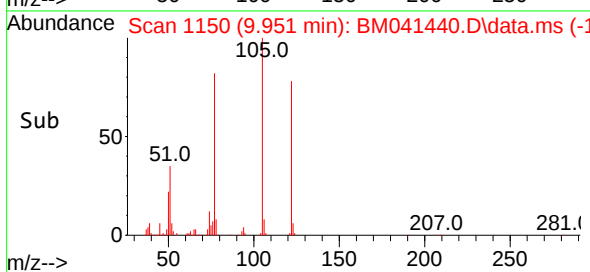
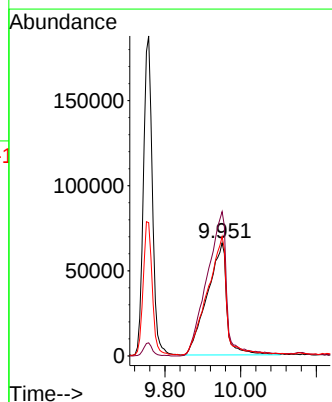
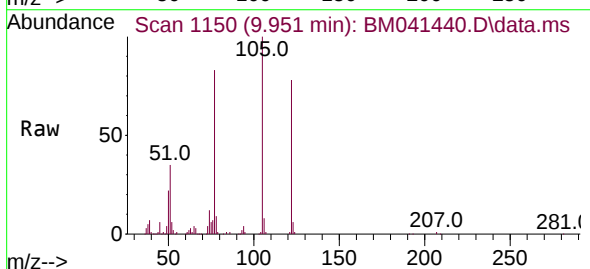
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

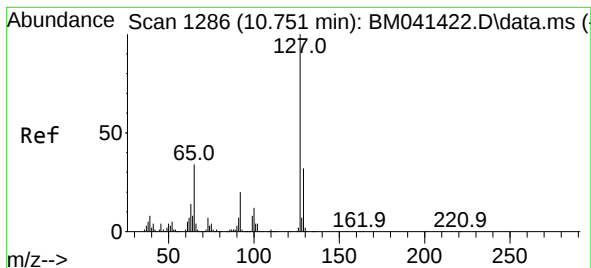
Tgt Ion:128 Resp: 1056873
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 37.001 ng
RT: 9.951 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:122 Resp: 235861
Ion Ratio Lower Upper
122 100
105 127.6 107.1 147.1
77 105.6 84.8 124.8

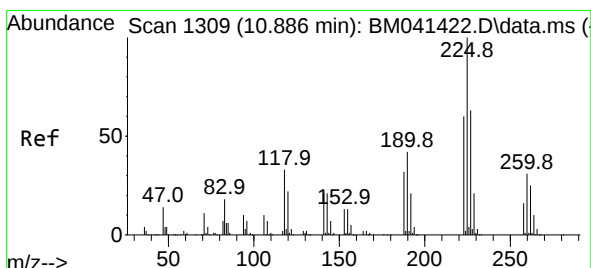
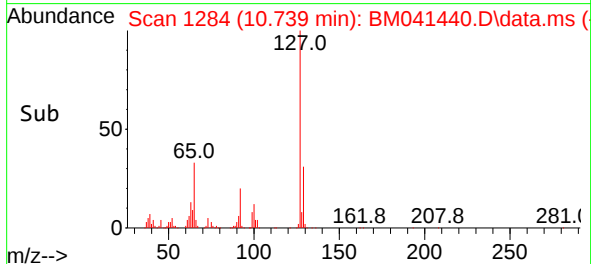
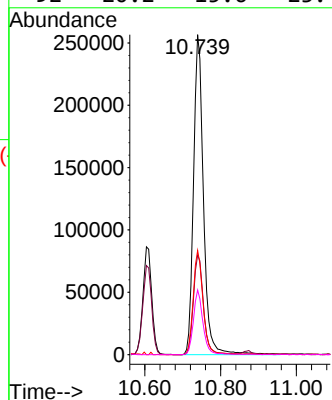
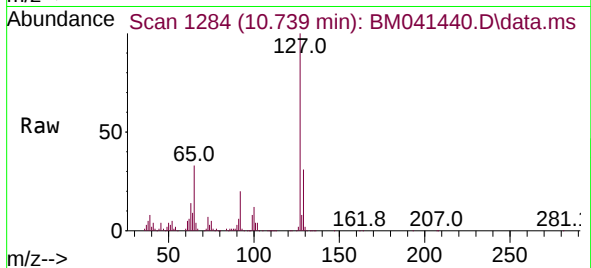




#33
4-Chloroaniline
Concen: 39.436 ng
RT: 10.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

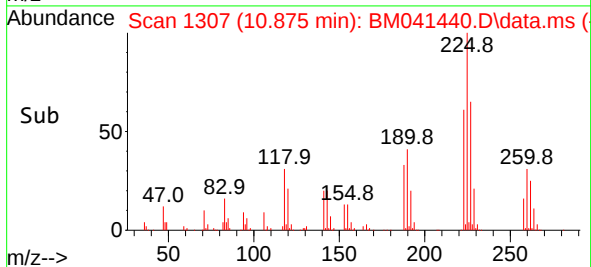
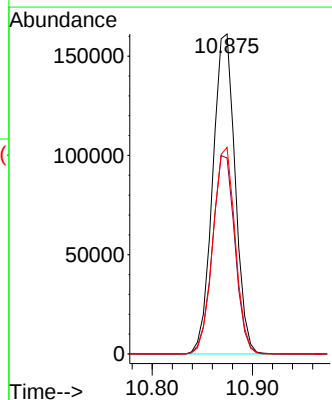
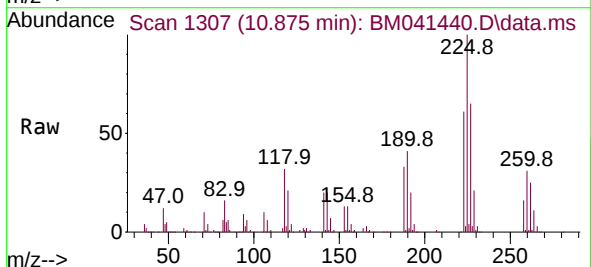
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

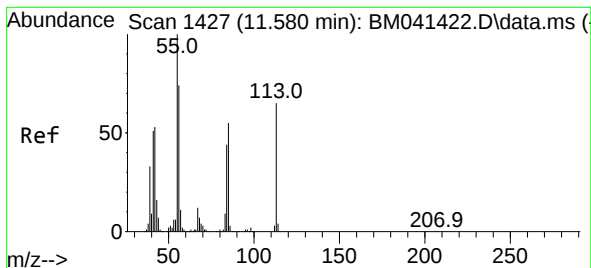
Tgt Ion:	127	Resp:	467174
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.4	38.2
65	32.6	27.1	40.7
92	20.2	15.6	23.4



#34
Hexachlorobutadiene
Concen: 39.218 ng
RT: 10.875 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:	225	Resp:	250393
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.1	72.1
227	64.5	50.4	75.6





#35

Caprolactam

Concen: 41.816 ng

RT: 11.569 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

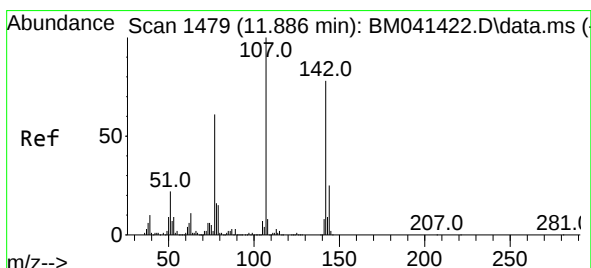
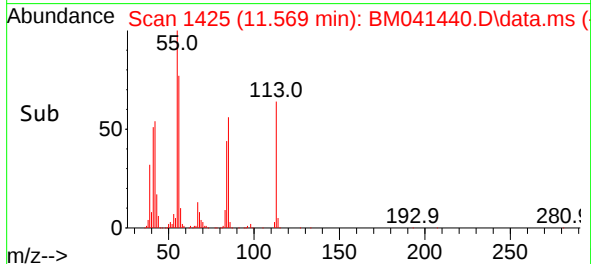
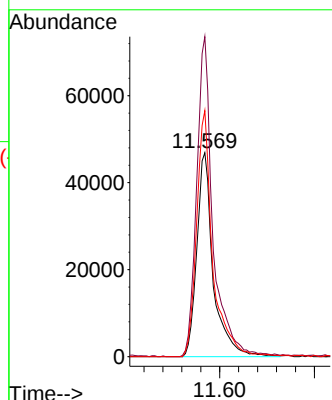
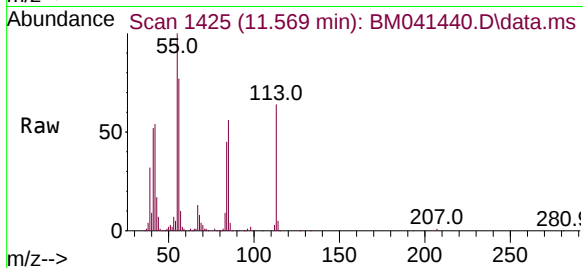
Tgt Ion:113 Resp: 112713

Ion Ratio Lower Upper

113 100

55 157.0 135.3 175.3

56 120.6 94.4 134.4



#36

4-Chloro-3-methylphenol

Concen: 39.941 ng

RT: 11.892 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

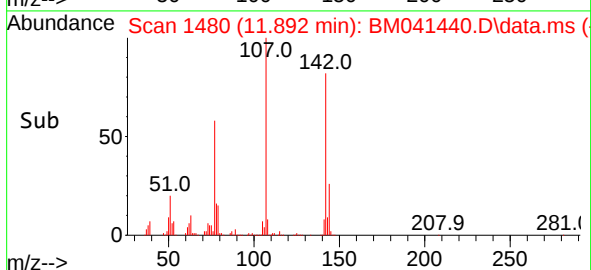
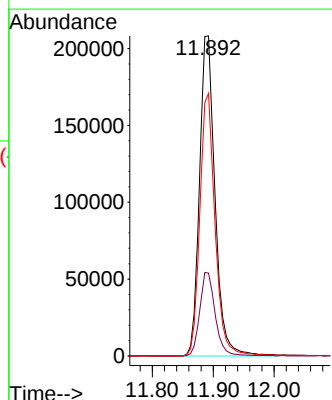
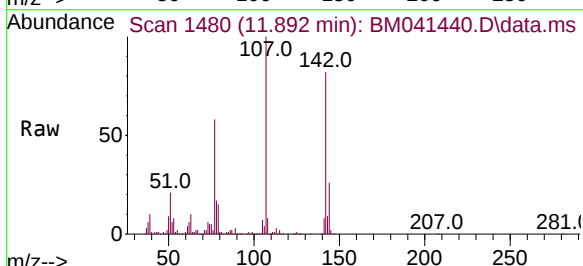
Tgt Ion:107 Resp: 369593

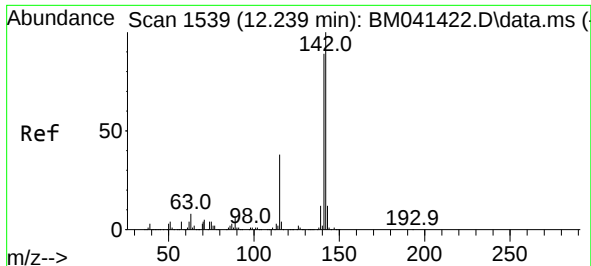
Ion Ratio Lower Upper

107 100

144 25.9 20.3 30.5

142 82.0 62.7 94.1

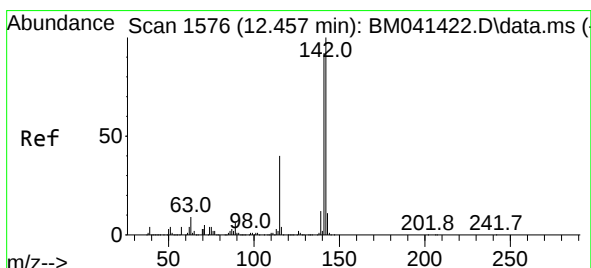
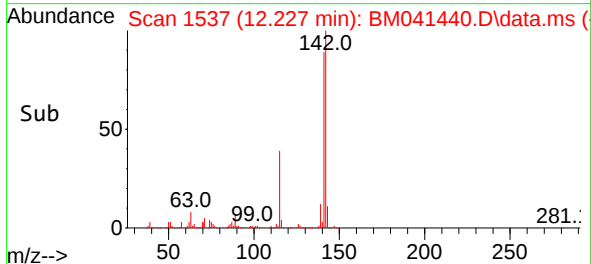
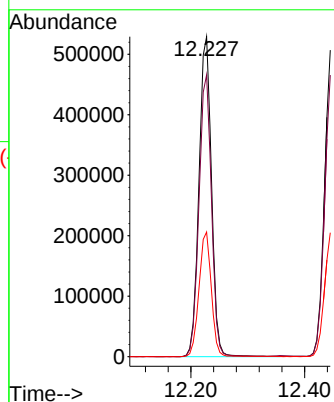
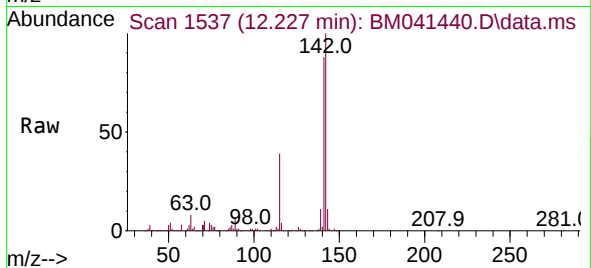




#37
2-Methylnaphthalene
Concen: 39.440 ng
RT: 12.227 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

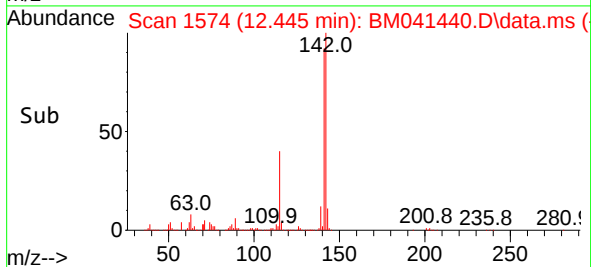
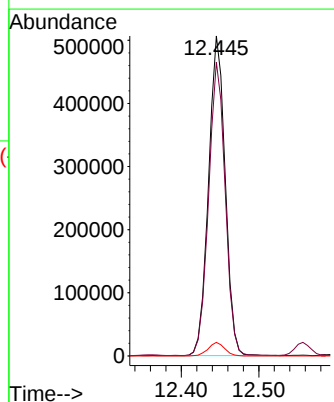
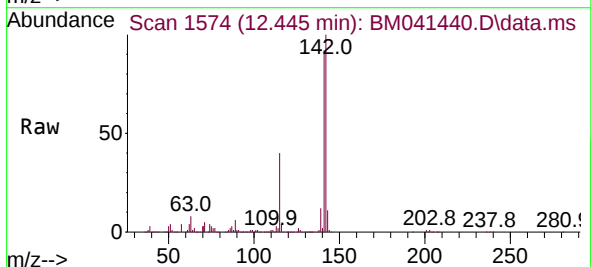
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

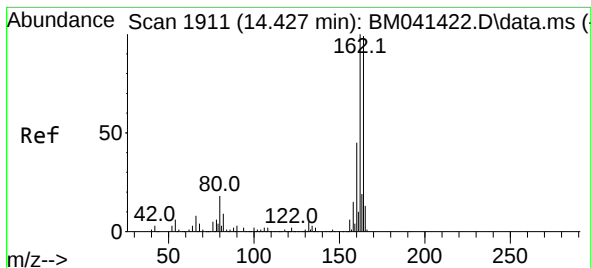
Tgt Ion:142 Resp: 805271
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0
115 38.9 30.8 46.2



#38
1-Methylnaphthalene
Concen: 39.214 ng
RT: 12.445 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:142 Resp: 756424
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9
116 4.2 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1911

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

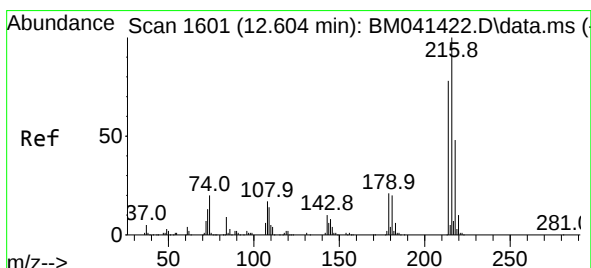
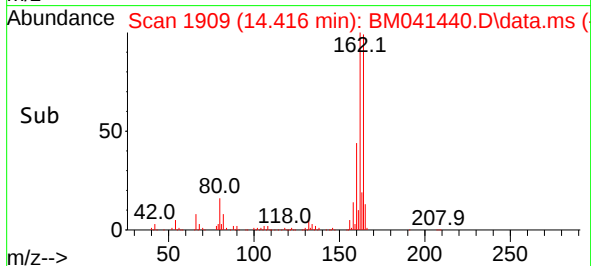
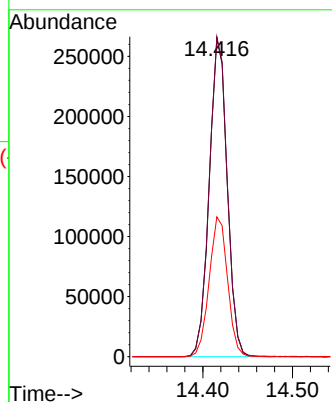
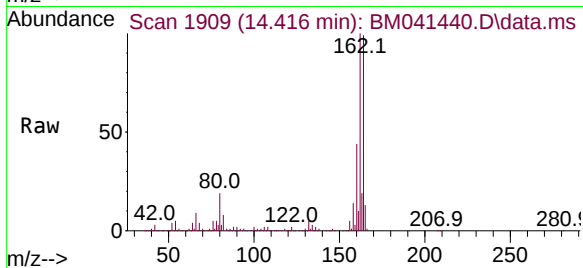
Tgt Ion:164 Resp: 369447

Ion Ratio Lower Upper

164 100

162 100.7 80.4 120.6

160 44.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.455 ng

RT: 12.598 min Scan# 1600

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Tgt Ion:216 Resp: 463511

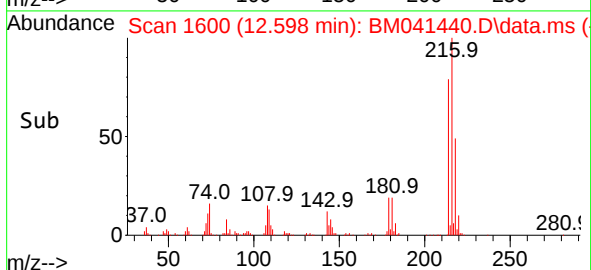
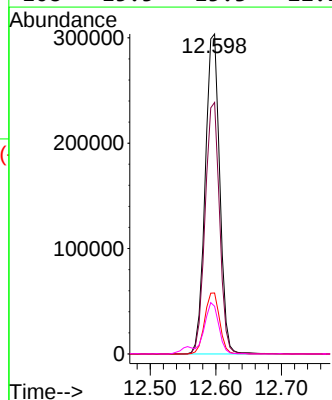
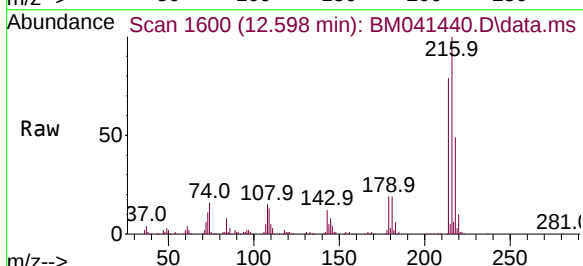
Ion Ratio Lower Upper

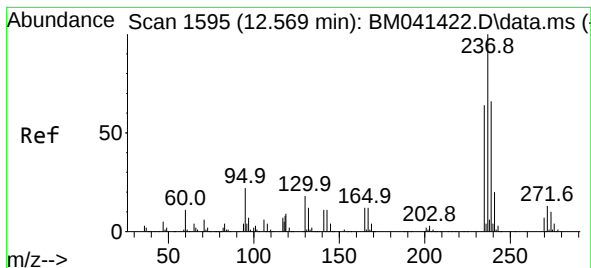
216 100

214 78.5 62.4 93.6

179 19.5 16.2 24.4

108 15.5 15.3 22.9

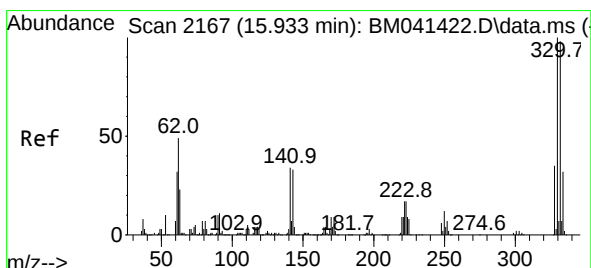
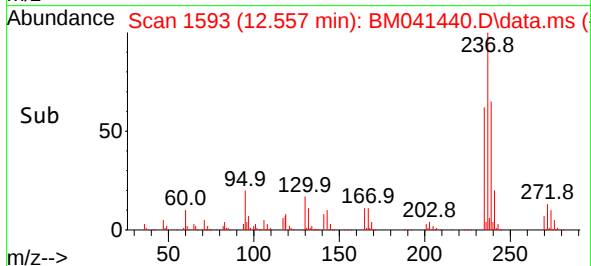
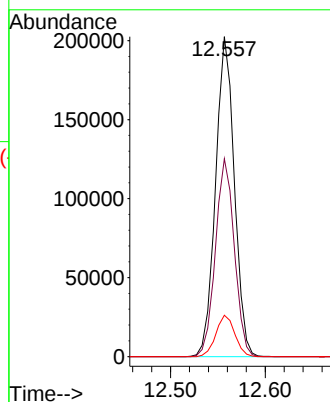
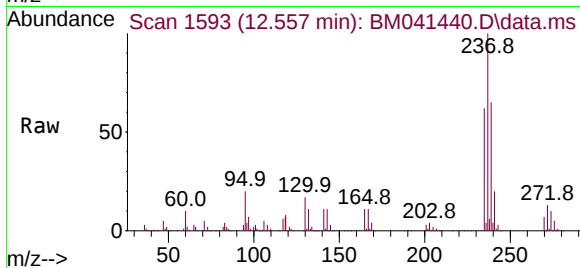




#41
Hexachlorocyclopentadiene
Concen: 45.528 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

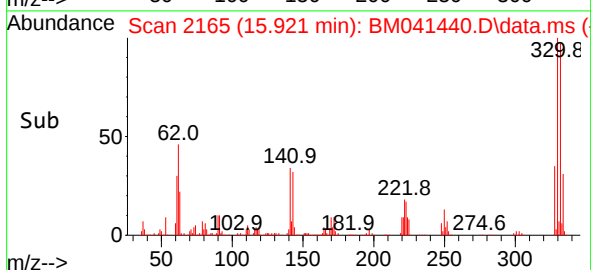
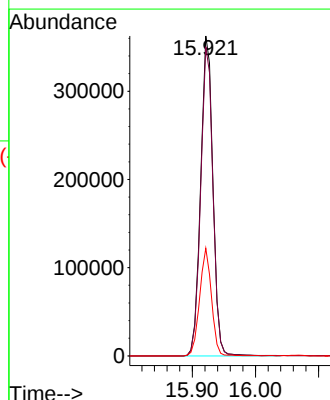
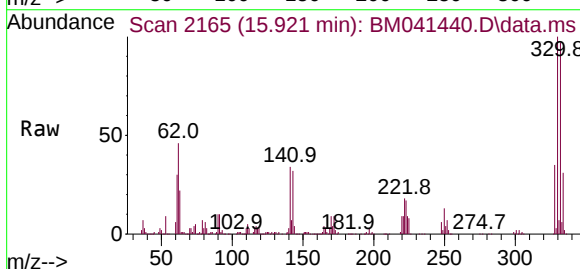
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

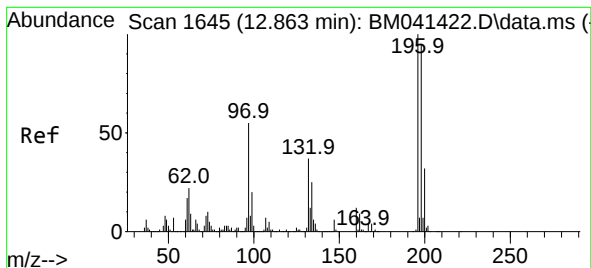
Tgt Ion:237 Resp: 278916
Ion Ratio Lower Upper
237 100
235 61.8 43.5 83.5
272 12.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 83.192 ng
RT: 15.921 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:330 Resp: 487748
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 32.6 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 39.386 ng

RT: 12.857 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

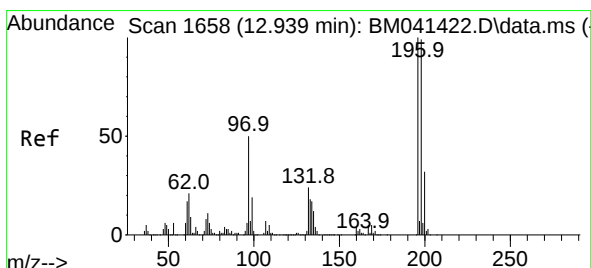
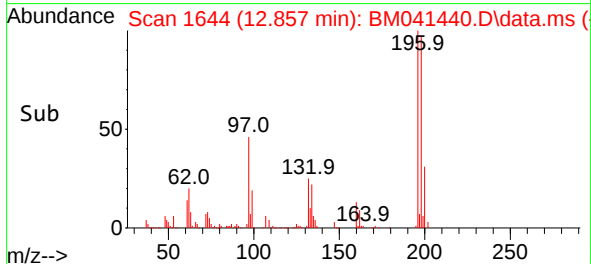
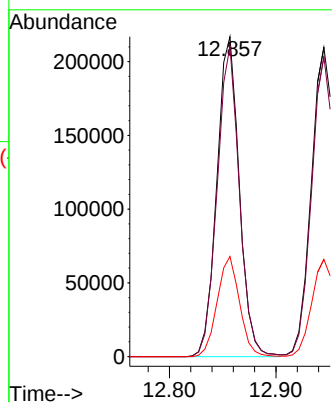
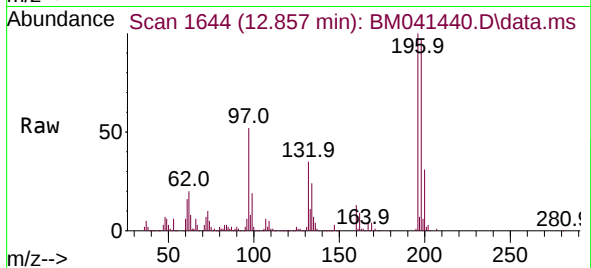
Tgt Ion:196 Resp: 317725

Ion Ratio Lower Upper

196 100

198 97.1 75.9 113.9

200 31.3 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 39.368 ng

RT: 12.945 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Tgt Ion:196 Resp: 367638

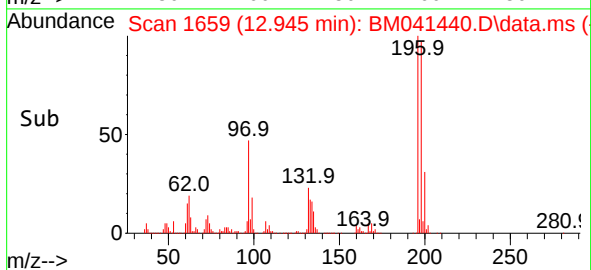
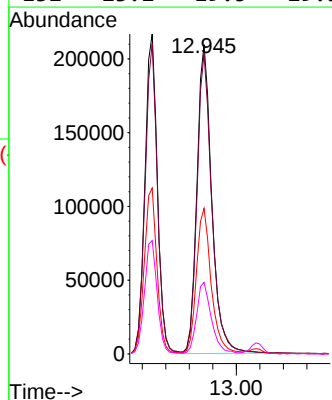
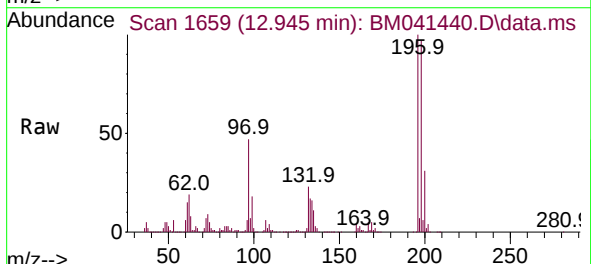
Ion Ratio Lower Upper

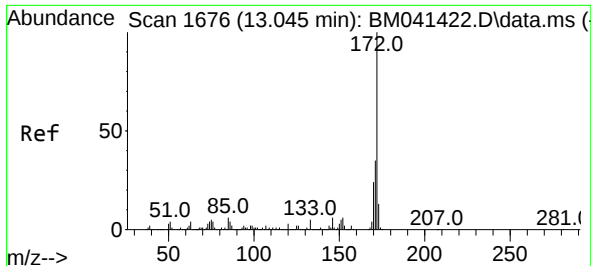
196 100

198 97.0 79.1 118.7

97 47.1 39.9 59.9

132 23.2 19.5 29.3

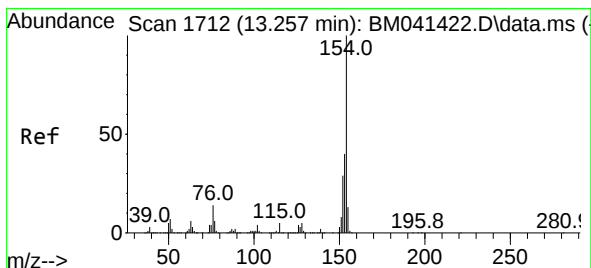
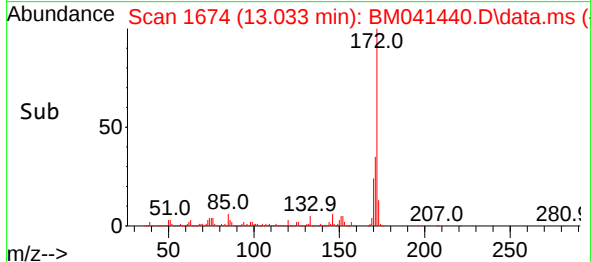
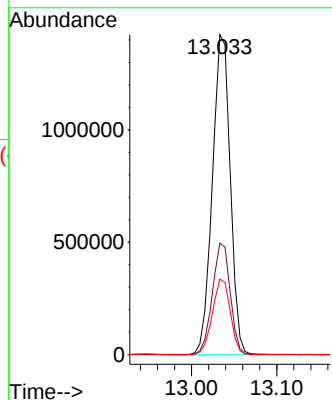
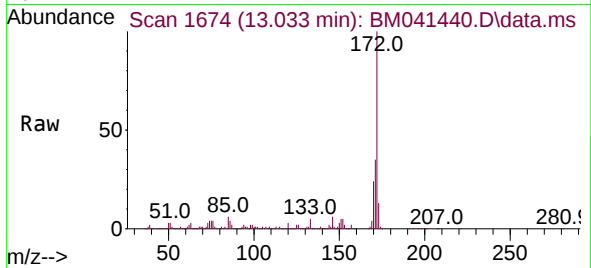




#45
2-Fluorobiphenyl
Concen: 75.218 ng
RT: 13.033 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

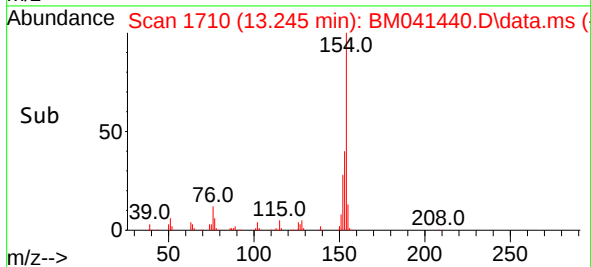
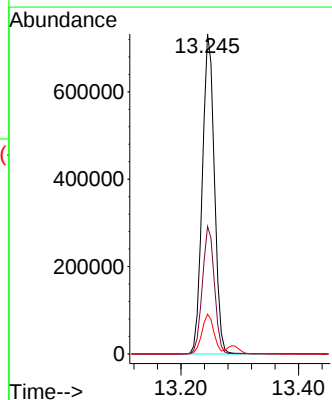
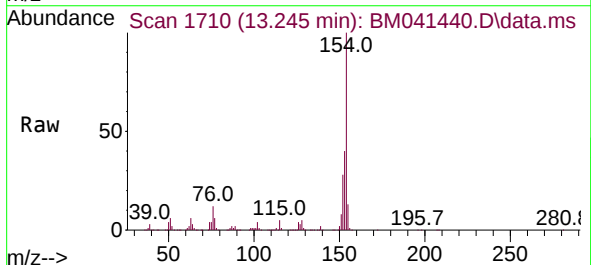
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

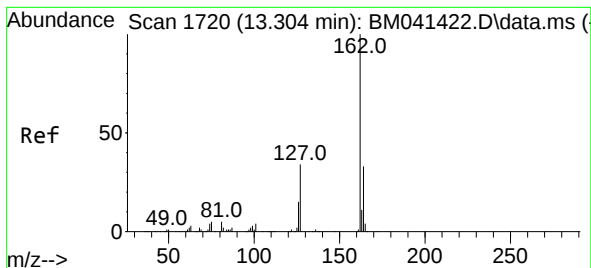
Tgt Ion:172 Resp: 2073764
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 37.350 ng
RT: 13.245 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:154 Resp: 1041388
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 12.4 0.0 33.6

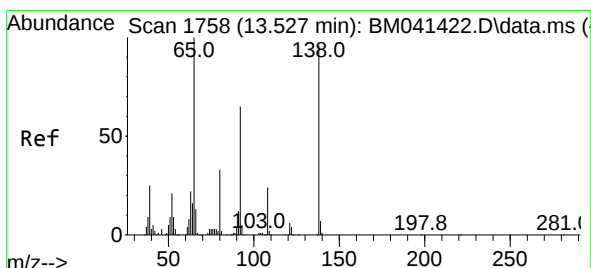
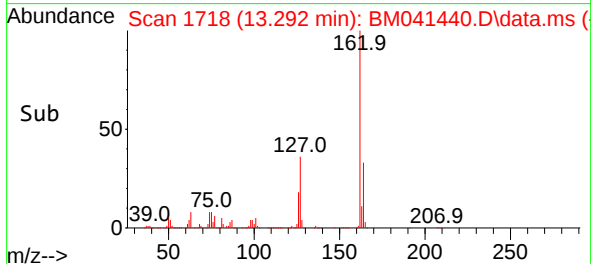
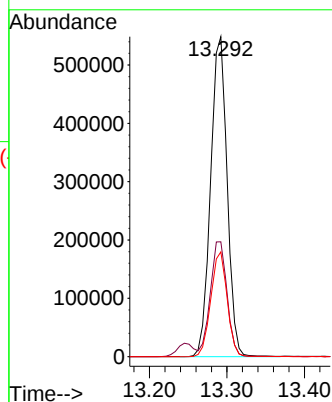
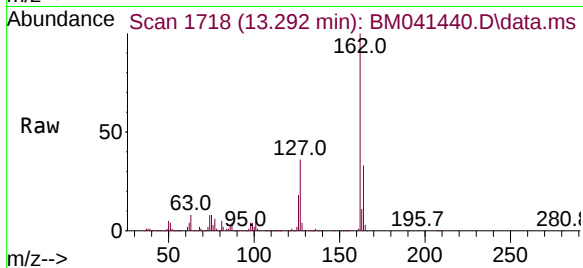




#47
2-Chloronaphthalene
Concen: 37.820 ng
RT: 13.292 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

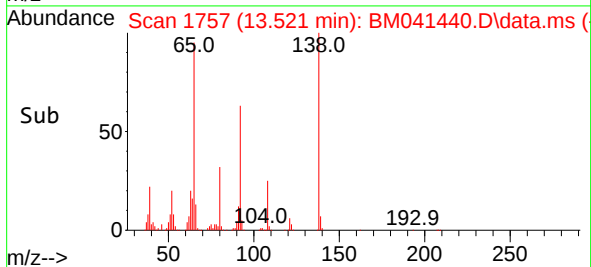
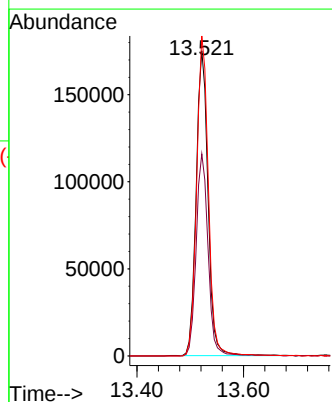
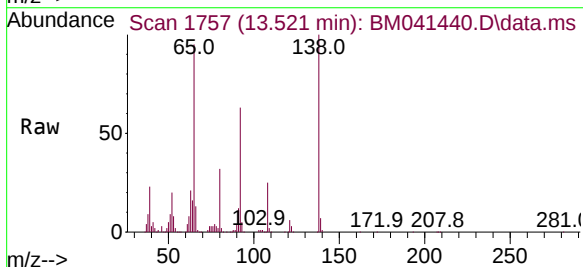
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

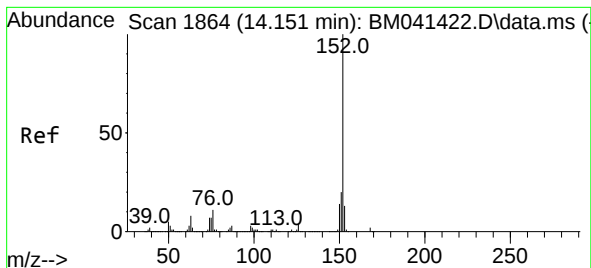
Tgt Ion:162 Resp: 810465
Ion Ratio Lower Upper
162 100
127 35.9 29.6 44.4
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 38.570 ng
RT: 13.521 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion: 65 Resp: 270072
Ion Ratio Lower Upper
65 100
92 66.2 51.9 77.9
138 104.9 76.8 115.2





#49

Acenaphthylene

Concen: 38.301 ng

RT: 14.139 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

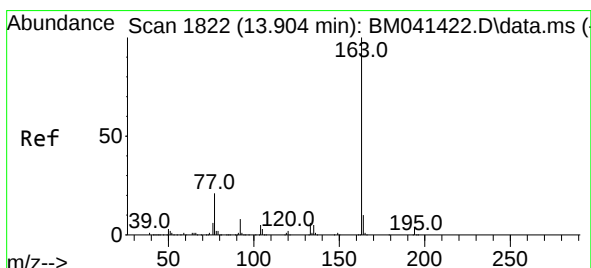
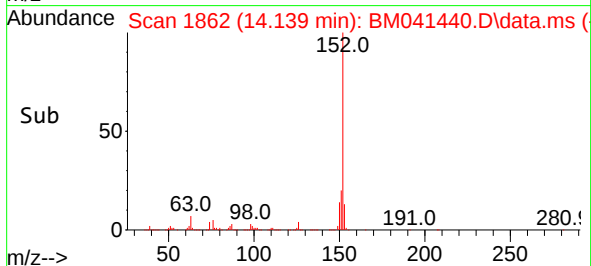
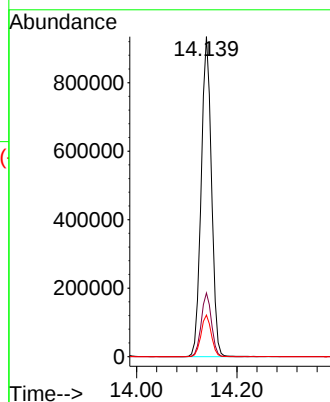
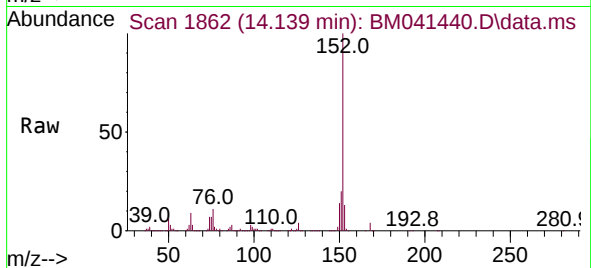
Tgt Ion:152 Resp: 1330033

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.2 15.2



#50

Dimethylphthalate

Concen: 38.969 ng

RT: 13.892 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

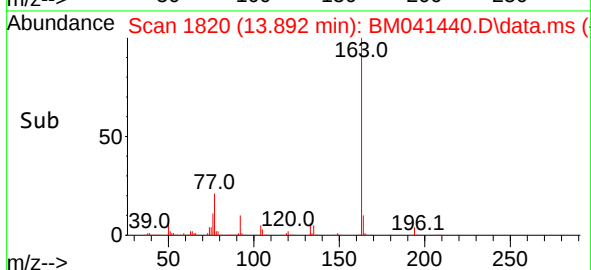
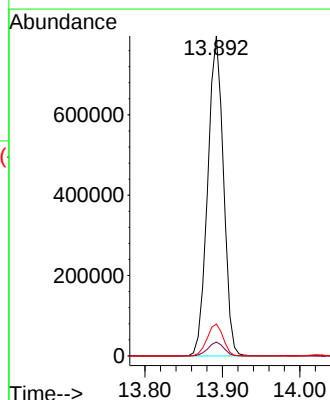
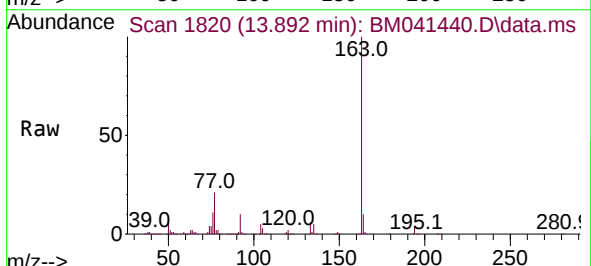
Tgt Ion:163 Resp: 1124196

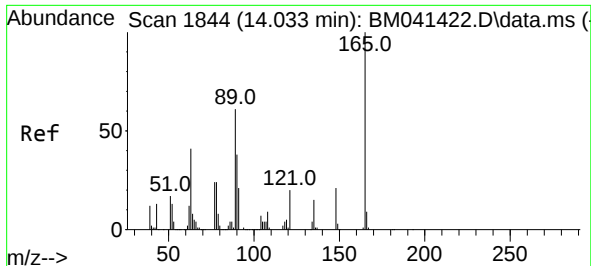
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.870 ng

RT: 14.021 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

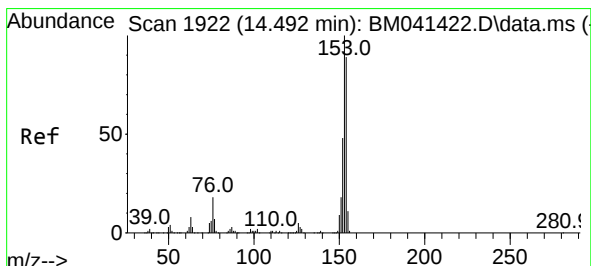
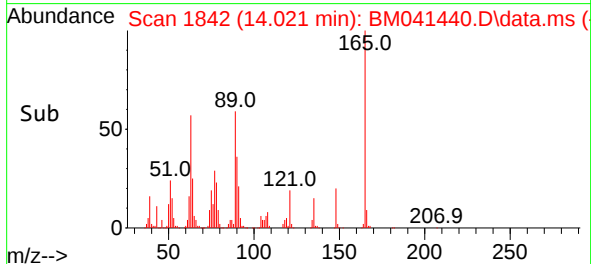
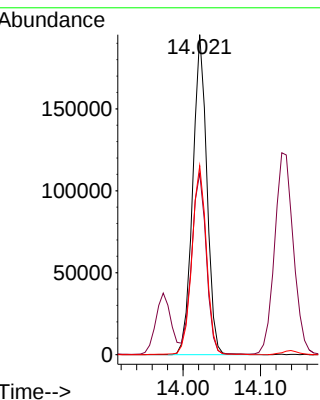
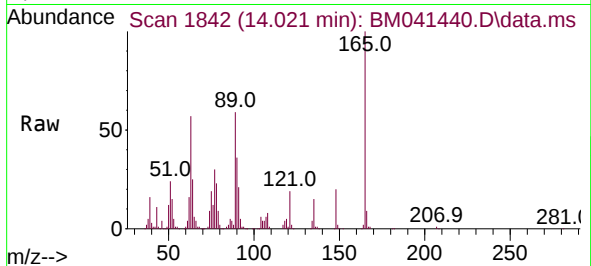
Tgt Ion:165 Resp: 246501

Ion Ratio Lower Upper

165 100

63 56.7 49.5 74.3

89 59.0 49.4 74.0



#52

Acenaphthene

Concen: 38.063 ng

RT: 14.480 min Scan# 1920

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

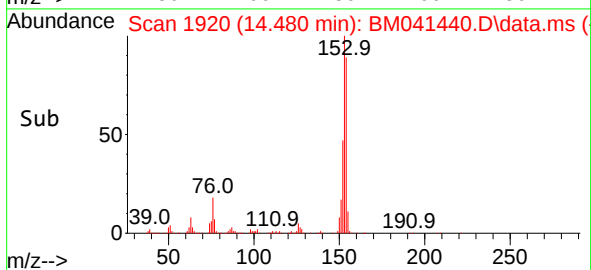
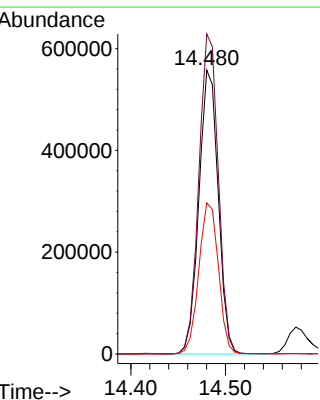
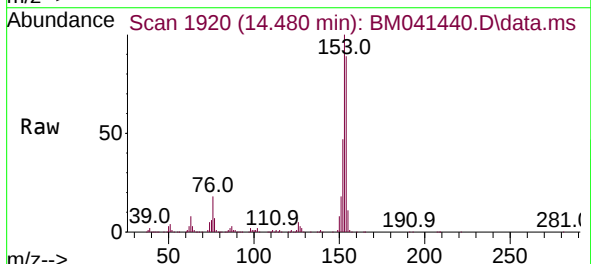
Tgt Ion:154 Resp: 790536

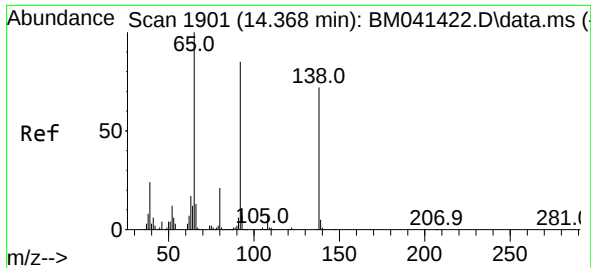
Ion Ratio Lower Upper

154 100

153 112.7 90.4 135.6

152 53.2 43.1 64.7

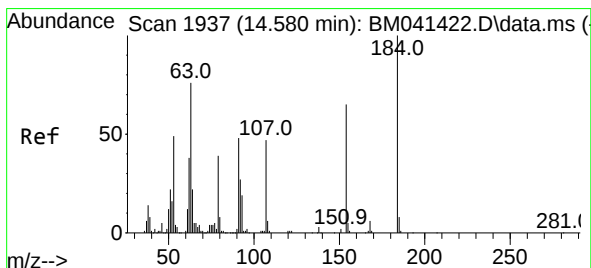
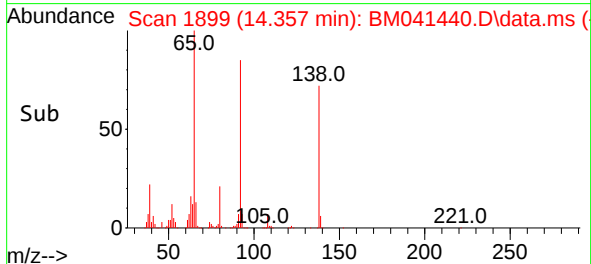
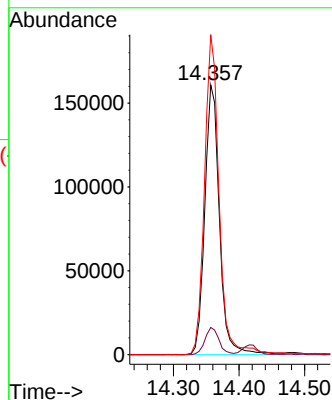
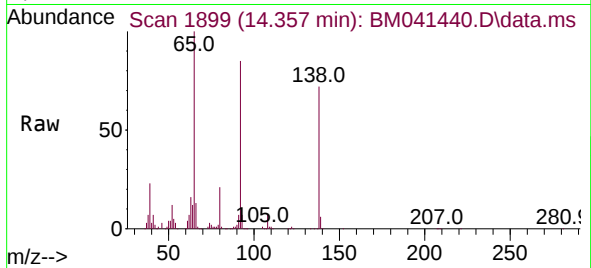




#53
3-Nitroaniline
Concen: 40.279 ng
RT: 14.357 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

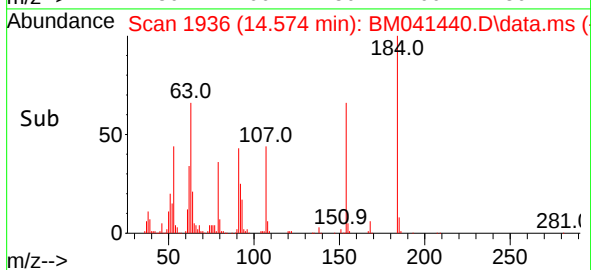
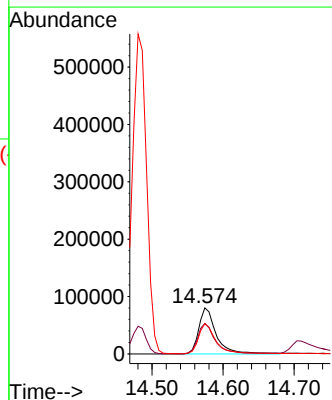
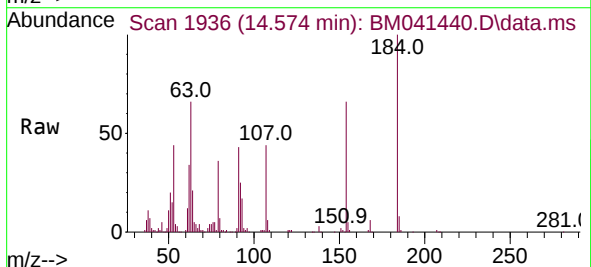
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

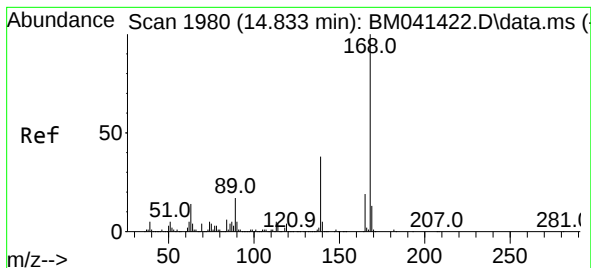
Tgt Ion:138 Resp: 248354
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 118.7 95.1 142.7



#54
2,4-Dinitrophenol
Concen: 35.227 ng
RT: 14.574 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:184 Resp: 136225
Ion Ratio Lower Upper
184 100
63 66.4 61.1 91.7
154 65.7 52.4 78.6





#55

Dibenzofuran

Concen: 38.744 ng

RT: 14.821 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

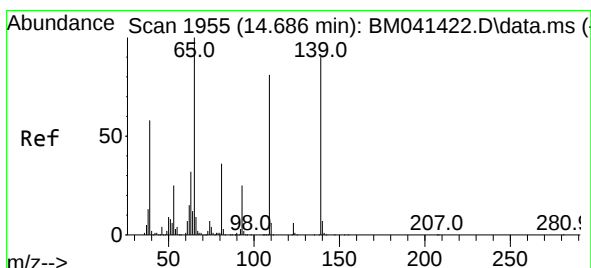
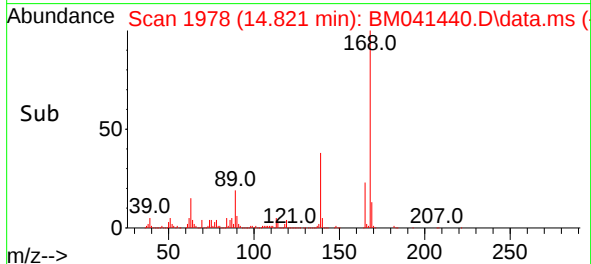
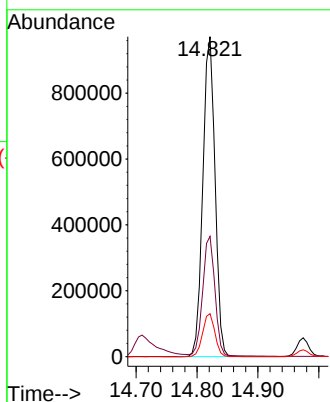
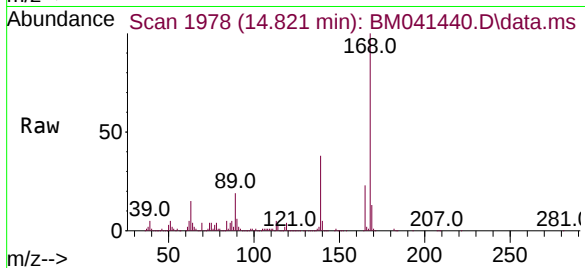
Tgt Ion:168 Resp: 1349342

Ion Ratio Lower Upper

168 100

139 37.6 30.2 45.2

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 35.599 ng

RT: 14.710 min Scan# 1959

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

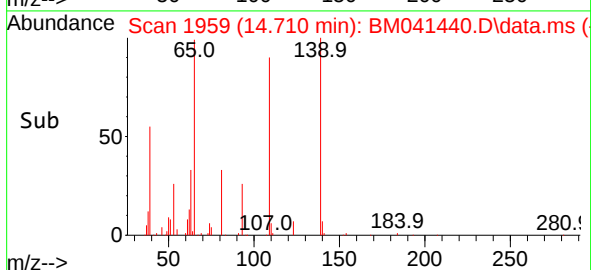
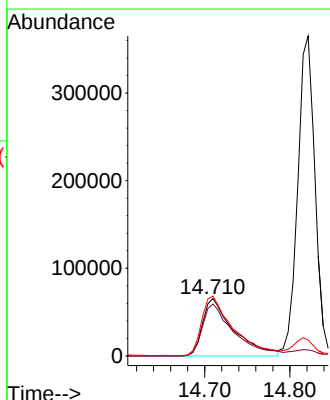
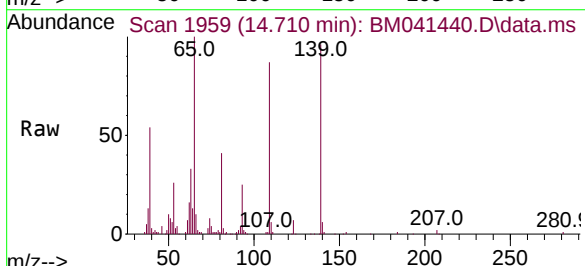
Tgt Ion:139 Resp: 165283

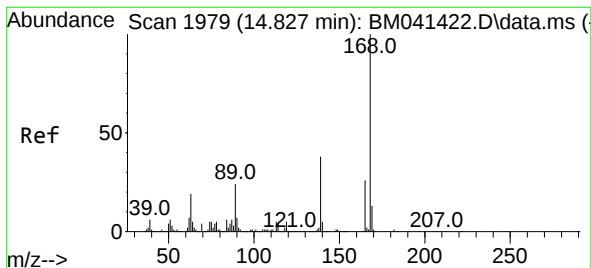
Ion Ratio Lower Upper

139 100

109 90.4 70.6 110.6

65 104.3 91.8 131.8

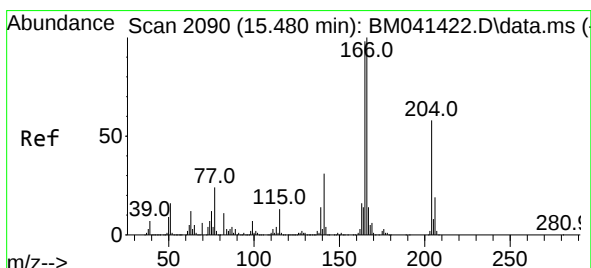
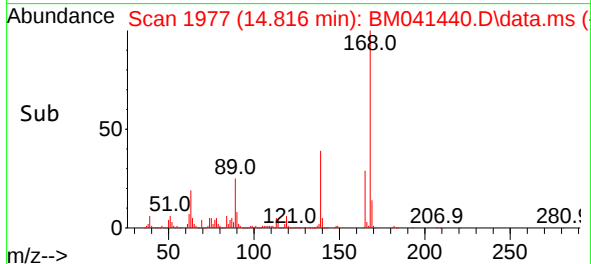
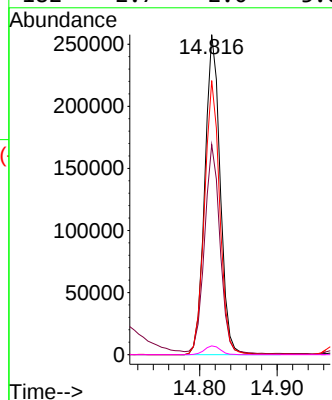
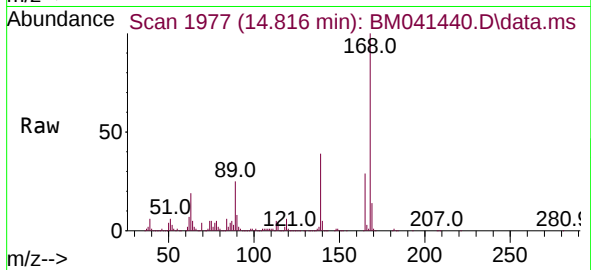




#57
2,4-Dinitrotoluene
Concen: 41.896 ng
RT: 14.816 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

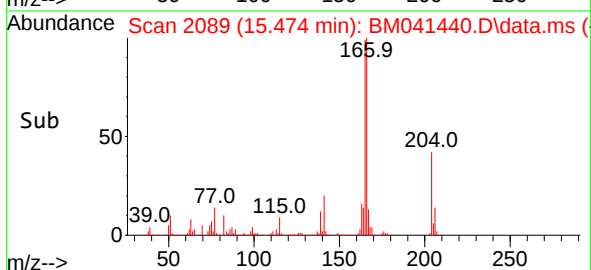
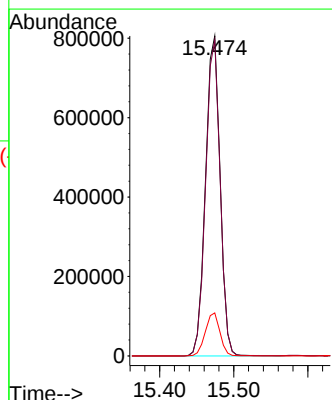
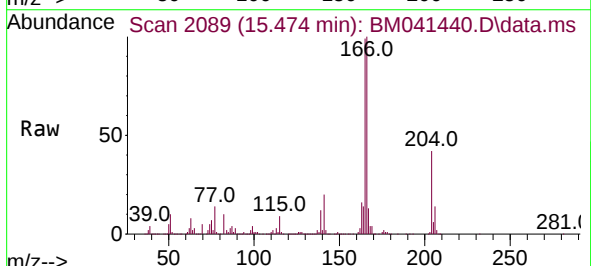
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

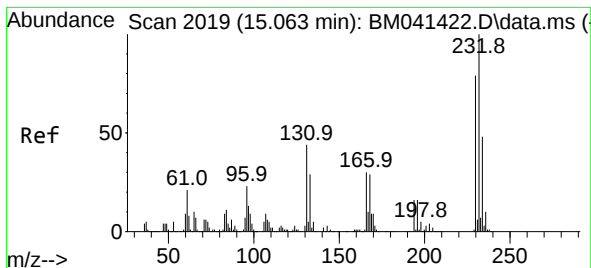
Tgt Ion:165 Resp: 353991
Ion Ratio Lower Upper
165 100
63 65.6 56.8 85.2
89 85.6 73.4 110.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.402 ng
RT: 15.474 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:166 Resp: 1099759
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.4
167 13.4 11.2 16.8

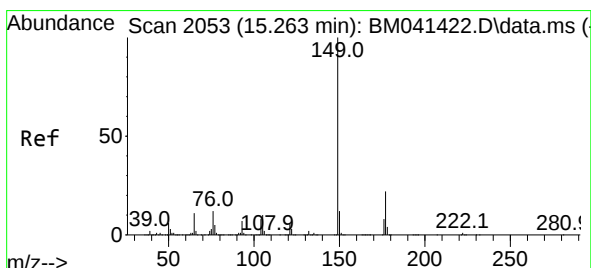
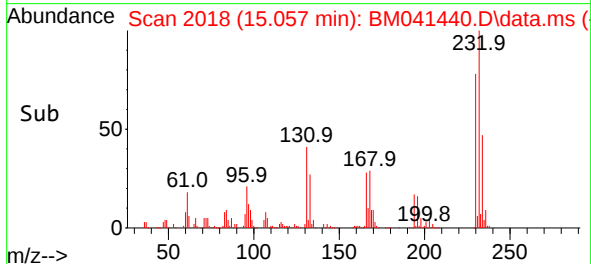
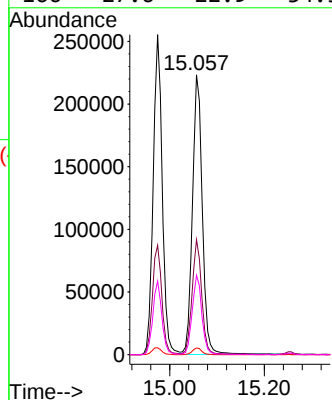
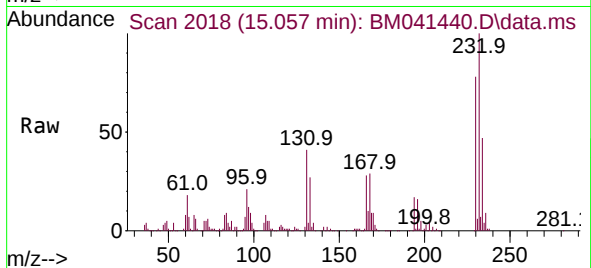




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.666 ng
RT: 15.057 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

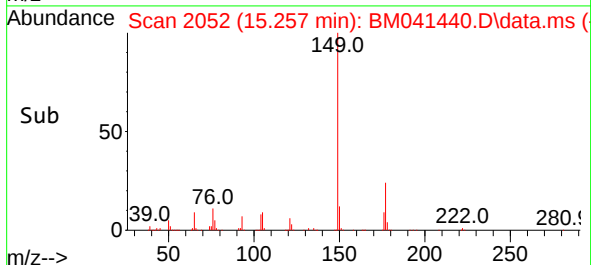
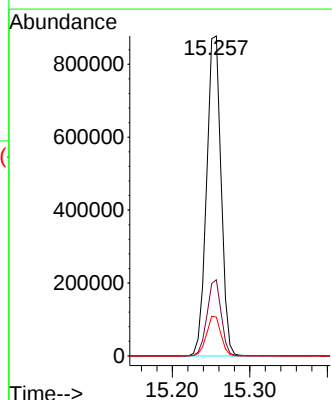
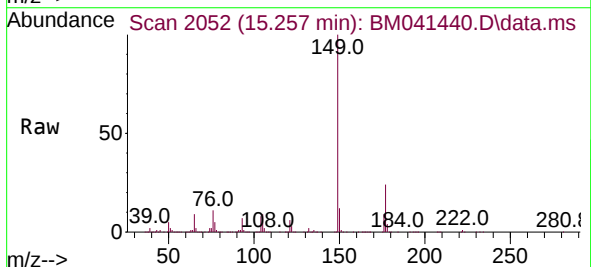
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

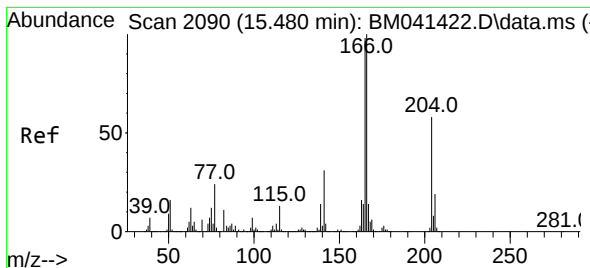
Tgt Ion:232 Resp: 322754
Ion Ratio Lower Upper
232 100
131 39.9 34.7 52.1
130 2.2 1.9 2.9
166 27.6 22.9 34.3



#60
Diethylphthalate
Concen: 39.476 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:149 Resp: 1137833
Ion Ratio Lower Upper
149 100
177 23.8 17.8 26.8
150 12.1 9.8 14.8

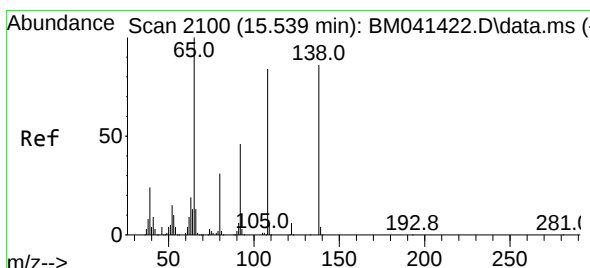
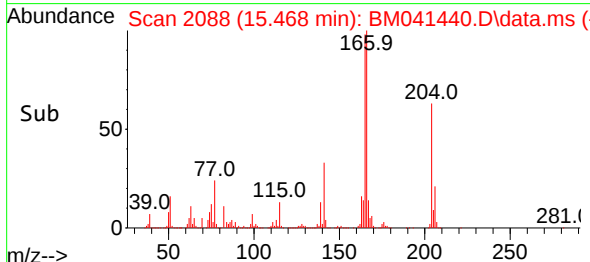
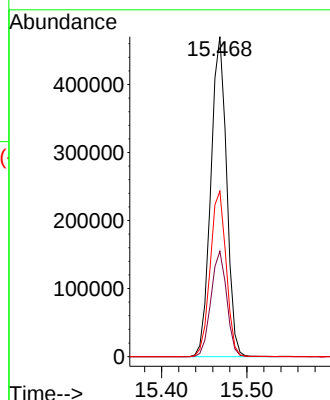
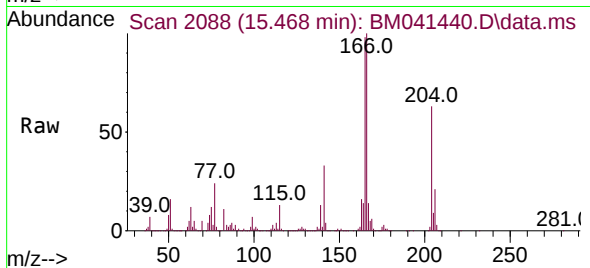




#61
4-Chlorophenyl-phenylether
Concen: 40.260 ng
RT: 15.468 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

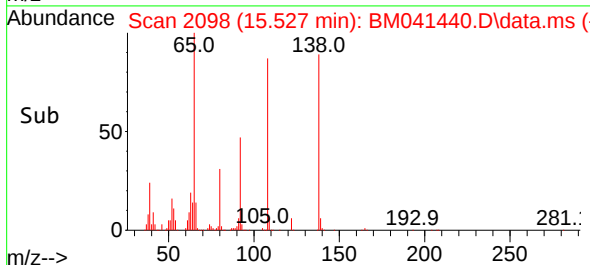
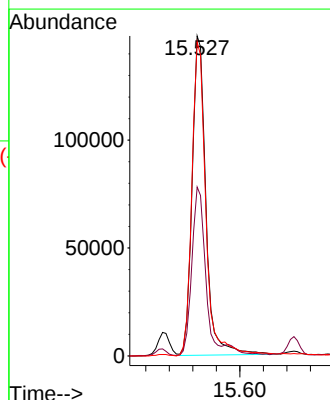
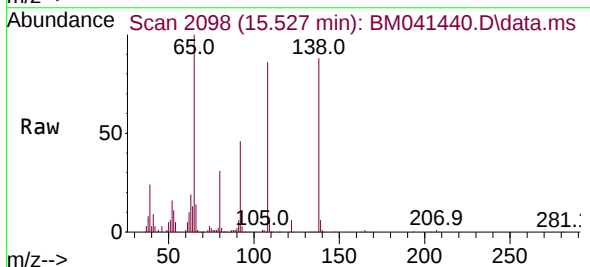
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

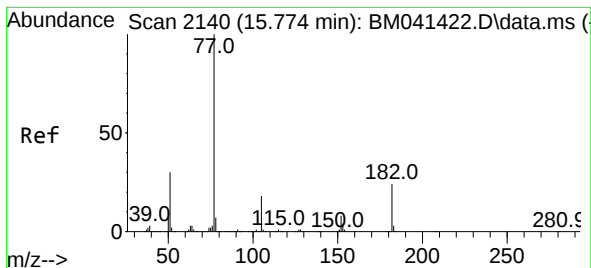
Tgt Ion:204 Resp: 605832
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 51.7 42.9 64.3



#62
4-Nitroaniline
Concen: 42.814 ng
RT: 15.527 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:138 Resp: 240824
Ion Ratio Lower Upper
138 100
92 52.8 33.5 73.5
108 98.1 76.6 116.6





#63

Azobenzene

Concen: 38.310 ng

RT: 15.762 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1112547

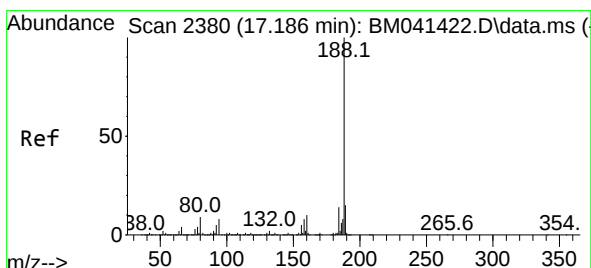
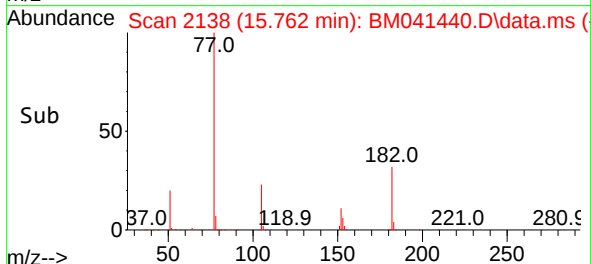
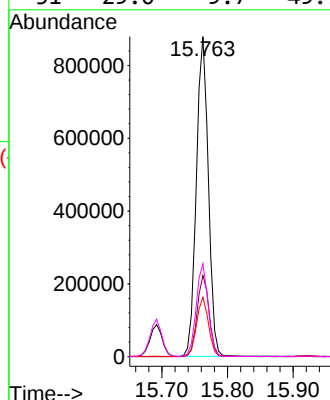
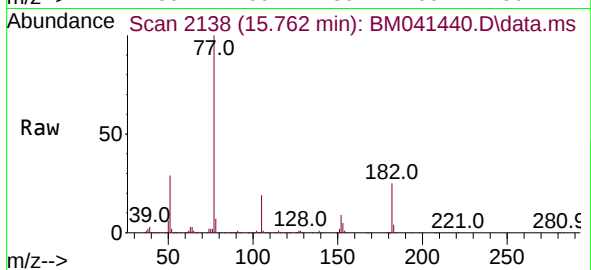
Ion Ratio Lower Upper

77 100

182 25.3 3.7 43.7

105 18.5 0.0 37.7

51 29.0 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 2378

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

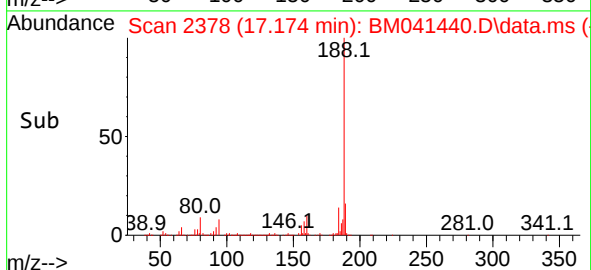
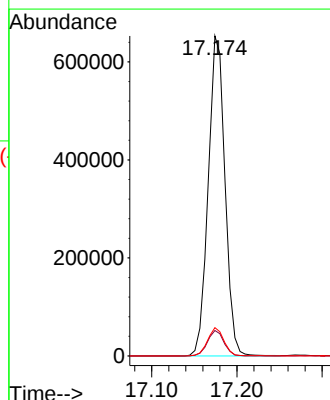
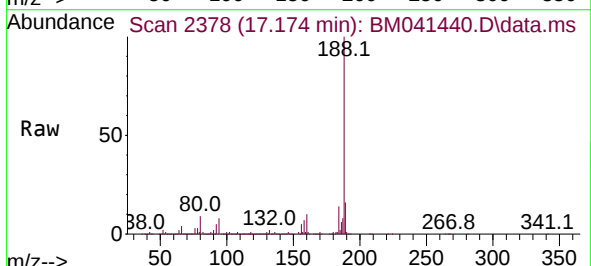
Tgt Ion:188 Resp: 890912

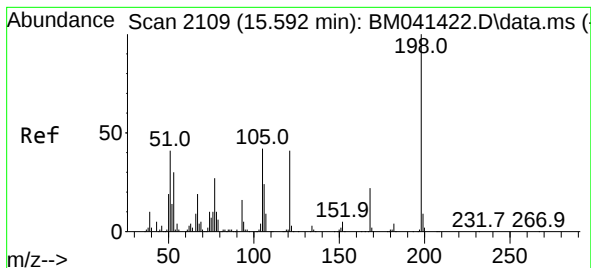
Ion Ratio Lower Upper

188 100

94 7.9 6.6 9.8

80 8.8 7.5 11.3

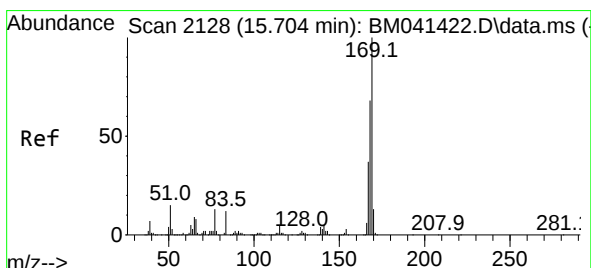
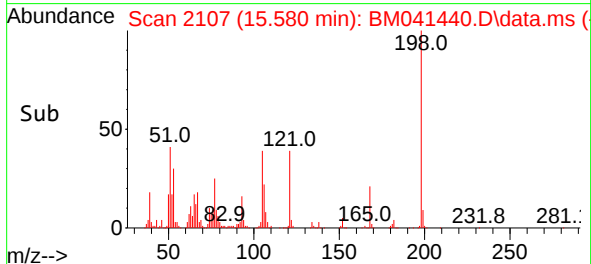
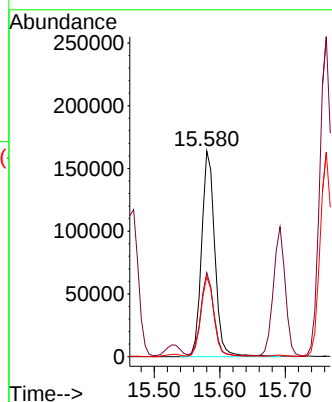
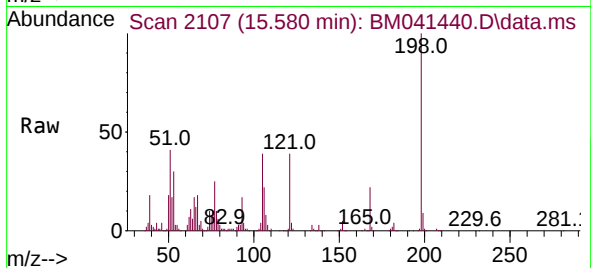




#65
4,6-Dinitro-2-methylphenol
Concen: 39.922 ng
RT: 15.580 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

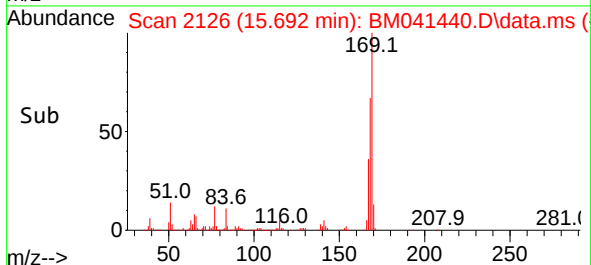
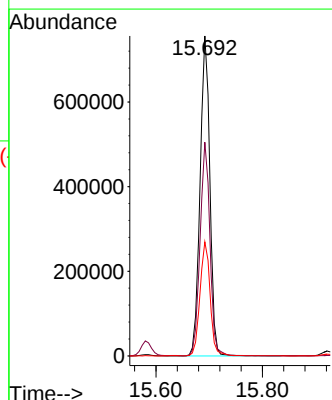
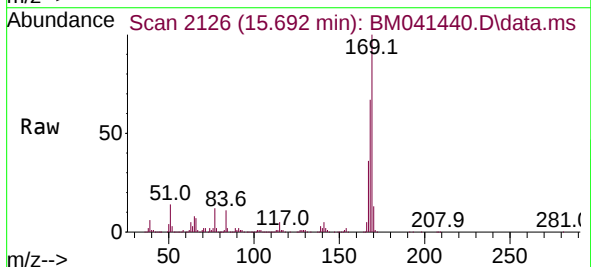
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

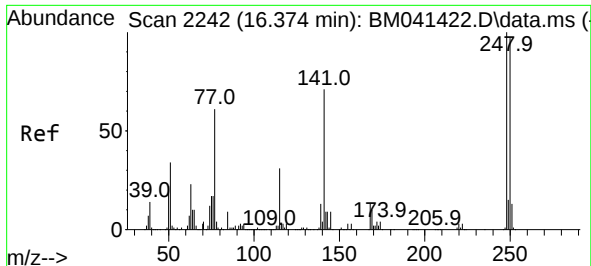
Tgt Ion:198 Resp: 227680
Ion Ratio Lower Upper
198 100
51 40.8 23.2 63.2
105 38.9 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 36.618 ng
RT: 15.692 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:169 Resp: 960327
Ion Ratio Lower Upper
169 100
168 66.8 54.5 81.7
167 35.6 29.9 44.9

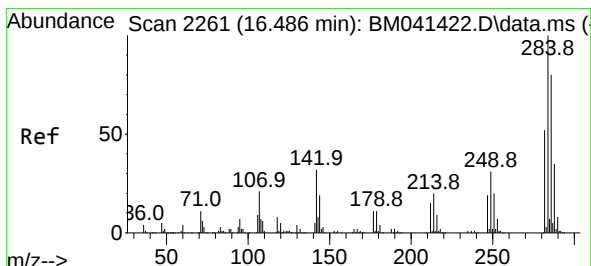
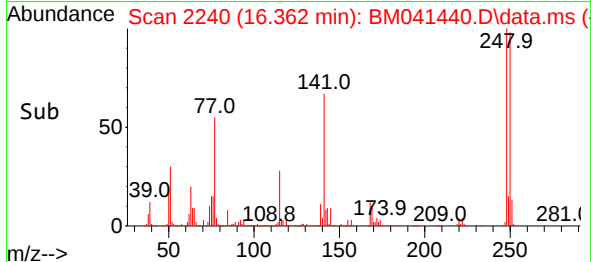
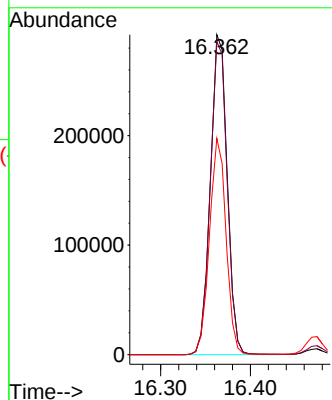
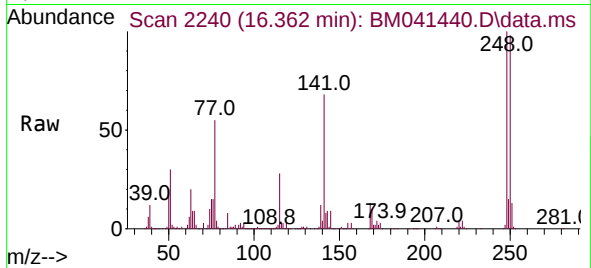




#67
4-Bromophenyl-phenylether
Concen: 37.531 ng
RT: 16.362 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

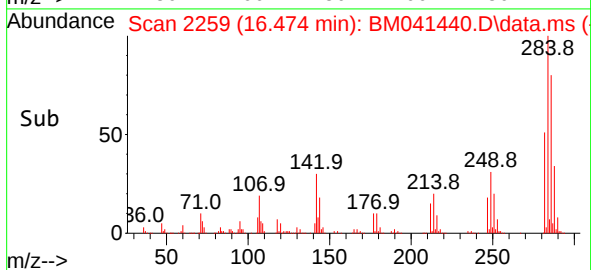
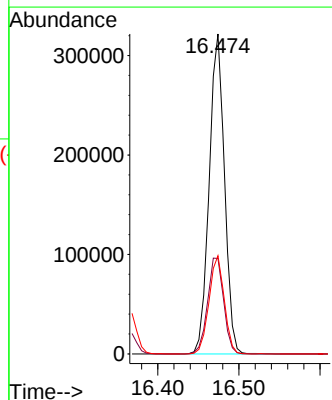
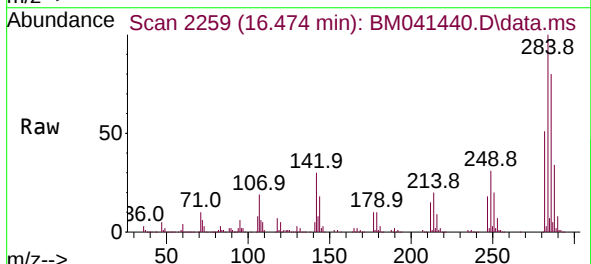
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

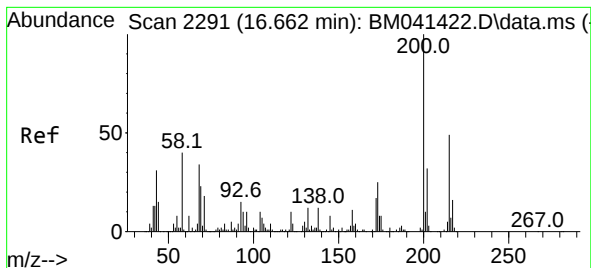
Tgt Ion:248 Resp: 383167
Ion Ratio Lower Upper
248 100
250 97.9 77.6 116.4
141 67.6 56.7 85.1



#68
Hexachlorobenzene
Concen: 37.898 ng
RT: 16.474 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:284 Resp: 422240
Ion Ratio Lower Upper
284 100
142 29.8 25.4 38.2
249 30.7 24.4 36.6





#69

Atrazine

Concen: 39.608 ng

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

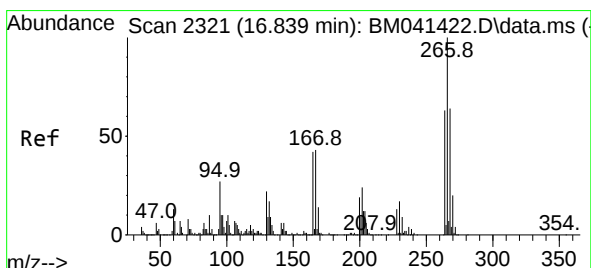
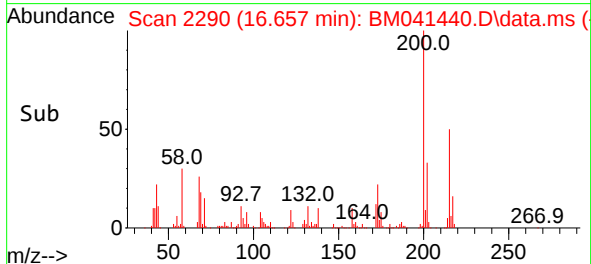
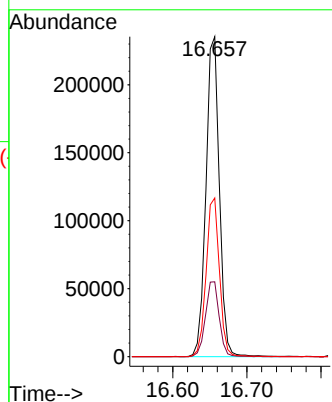
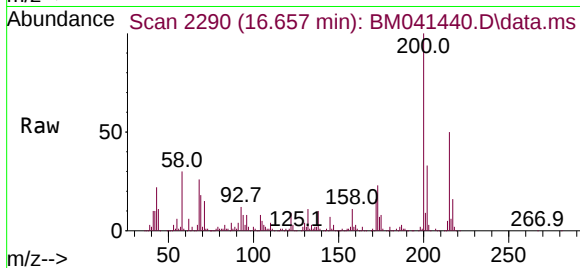
Tgt Ion:200 Resp: 294774

Ion Ratio Lower Upper

200 100

173 23.4 4.7 44.7

215 49.6 29.4 69.4



#70

Pentachlorophenol

Concen: 37.030 ng

RT: 16.833 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

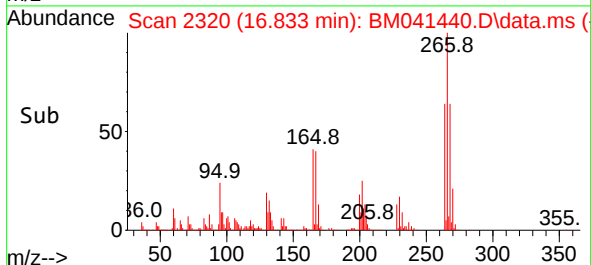
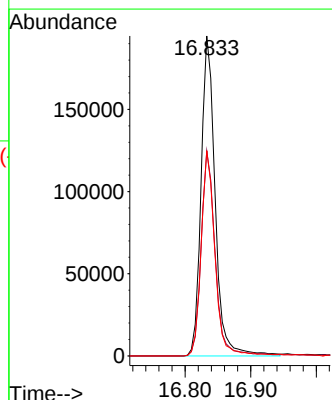
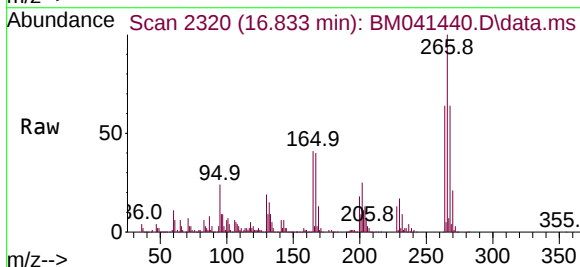
Tgt Ion:266 Resp: 288902

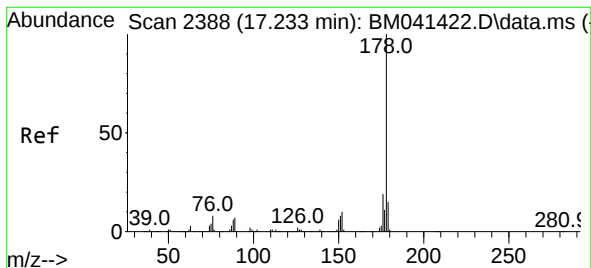
Ion Ratio Lower Upper

266 100

268 64.1 50.9 76.3

264 64.1 50.2 75.2





#71

Phenanthrene

Concen: 37.812 ng

RT: 17.221 min Scan# 2388

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

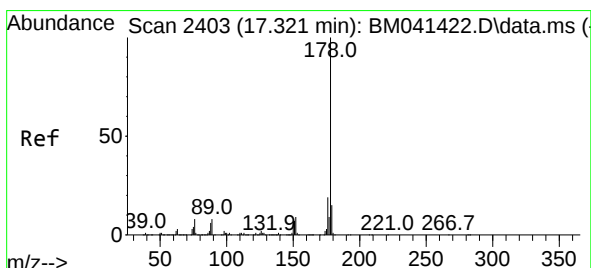
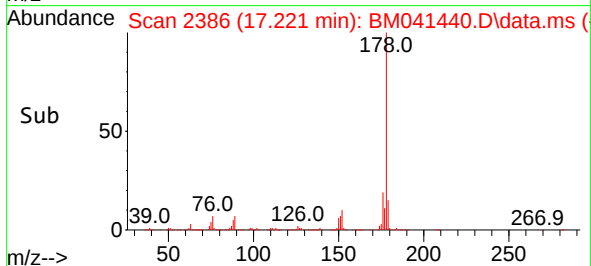
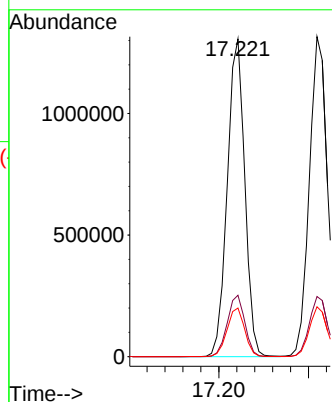
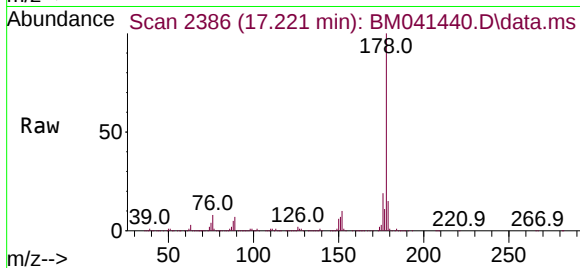
Tgt Ion:178 Resp: 1778210

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 38.537 ng

RT: 17.309 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

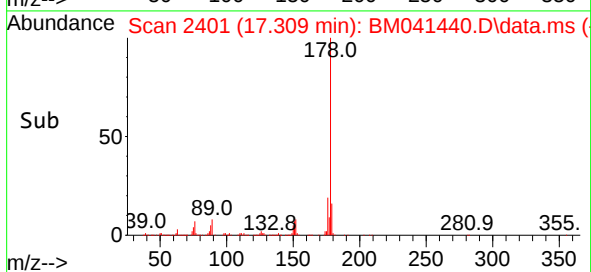
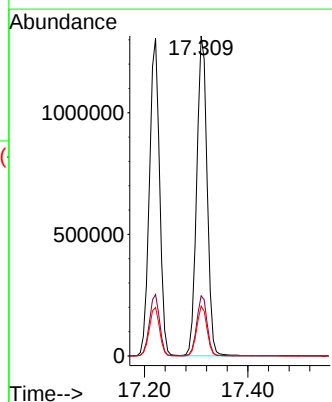
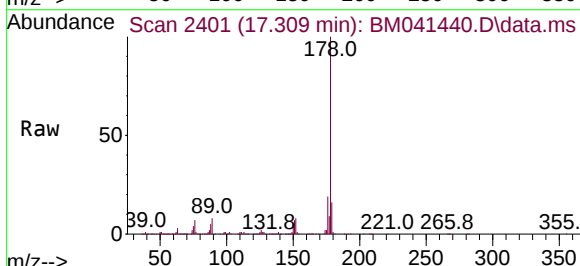
Tgt Ion:178 Resp: 1837755

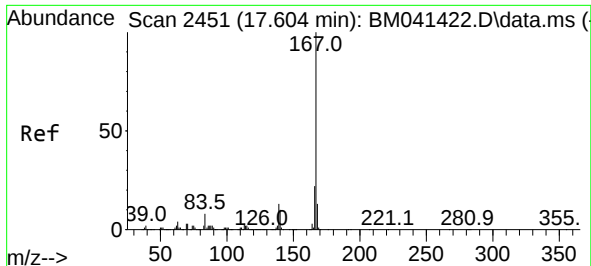
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.6 12.2 18.2

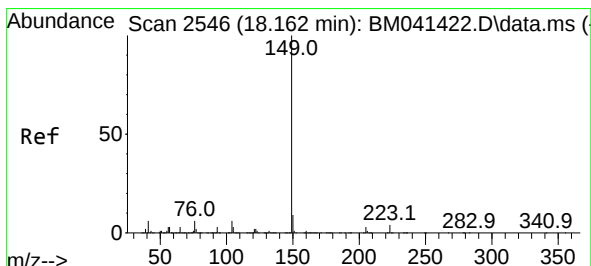
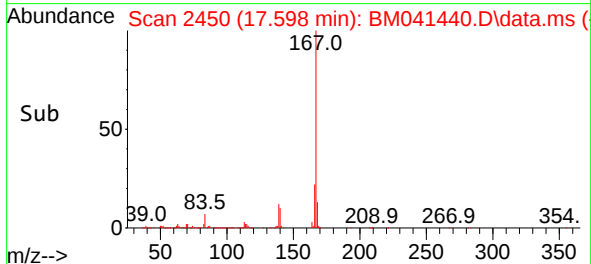
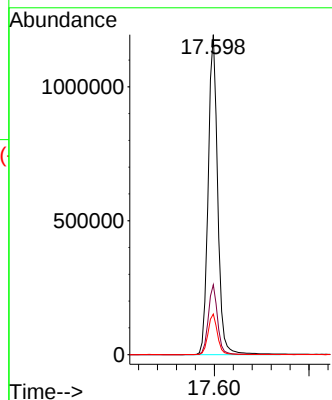
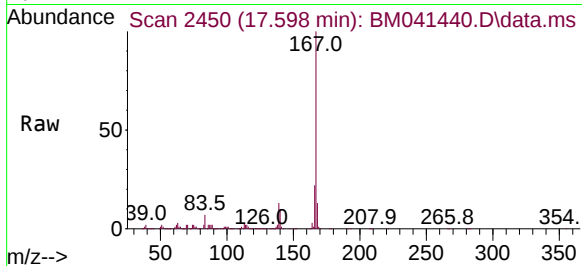




#73
 Carbazole
 Concen: 39.220 ng
 RT: 17.598 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: BM041440.D
 Acq: 21 Aug 2023 09:57

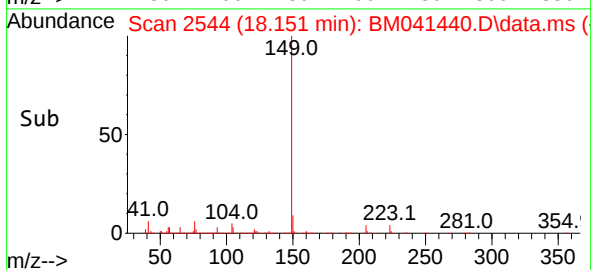
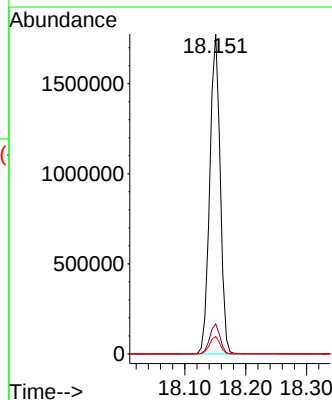
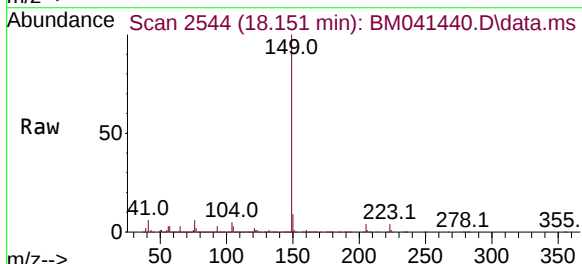
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

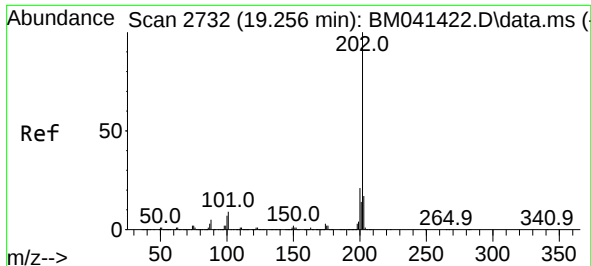
Tgt Ion:167 Resp: 1664147
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 39.537 ng
 RT: 18.151 min Scan# 2544
 Delta R.T. 0.000 min
 Lab File: BM041440.D
 Acq: 21 Aug 2023 09:57

Tgt Ion:149 Resp: 2107530
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.4 4.5 6.7

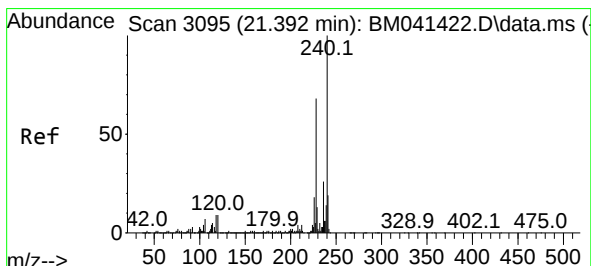
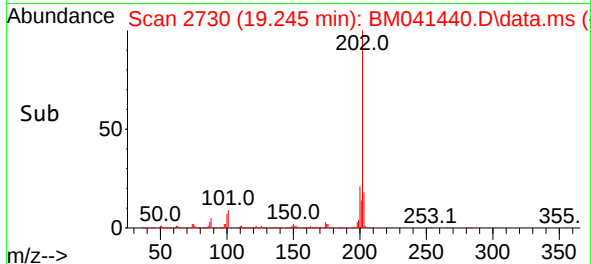
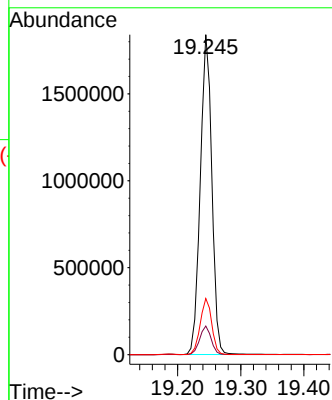
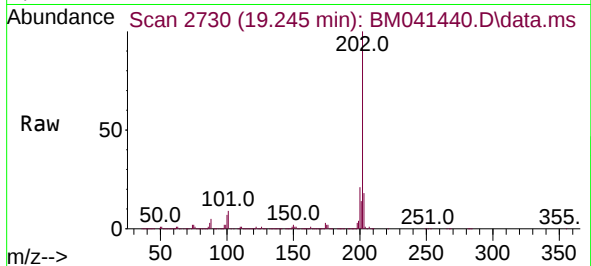




#75
Fluoranthene
Concen: 41.780 ng
RT: 19.245 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

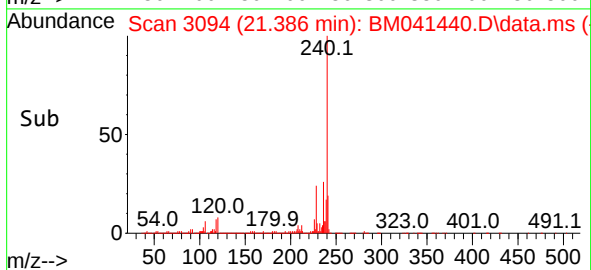
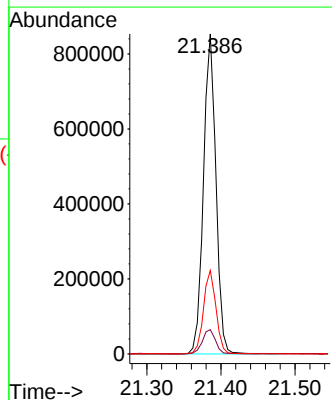
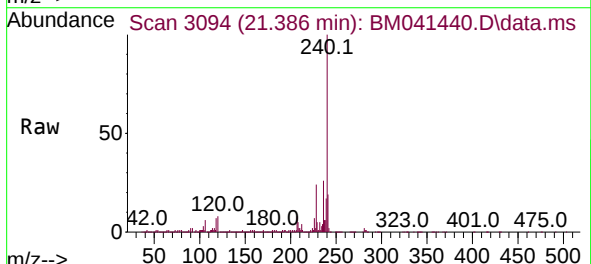
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

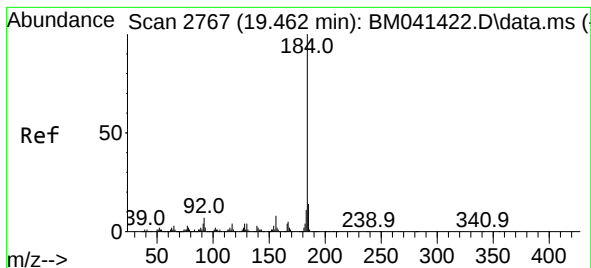
Tgt Ion:202 Resp: 2339297
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.1
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:240 Resp: 994249
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.2
236 26.1 20.8 31.2





#77

Benzidine

Concen: 52.423 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

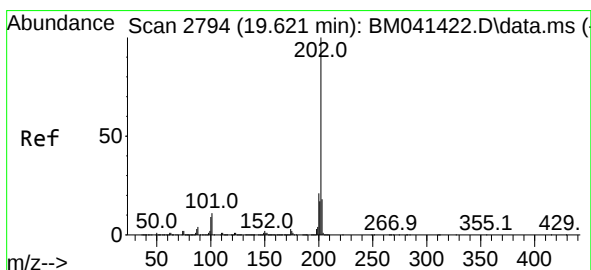
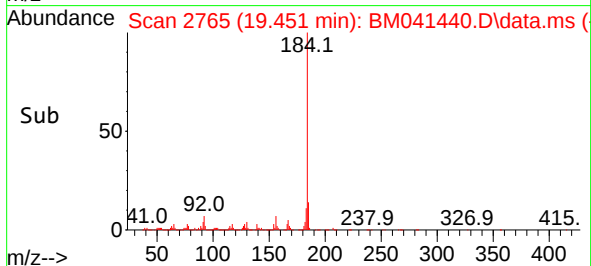
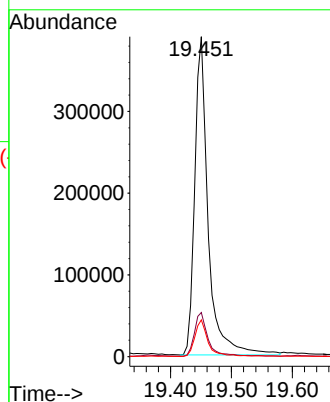
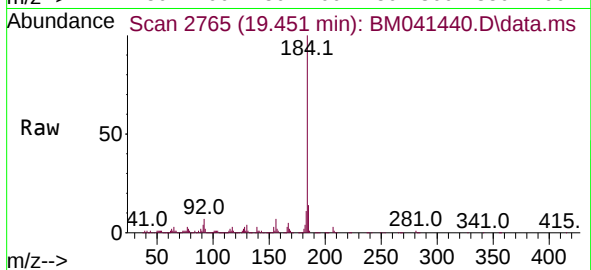
Tgt Ion:184 Resp: 597442

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.0

183 11.5 8.8 13.2



#78

Pyrene

Concen: 34.397 ng

RT: 19.609 min Scan# 2792

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

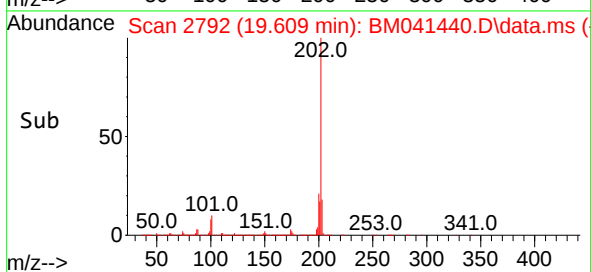
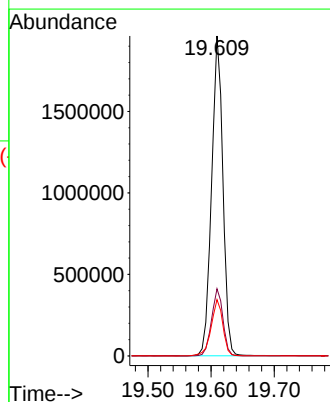
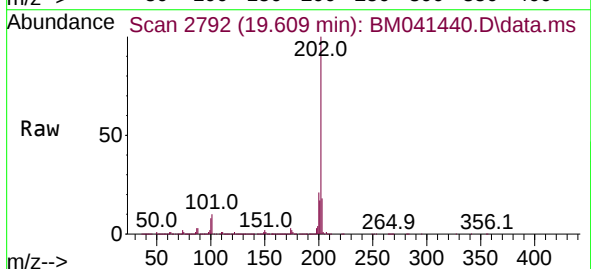
Tgt Ion:202 Resp: 2445867

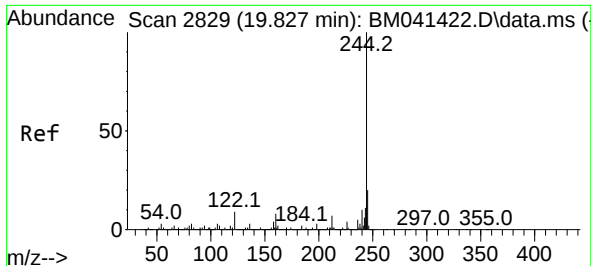
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.6 14.1 21.1

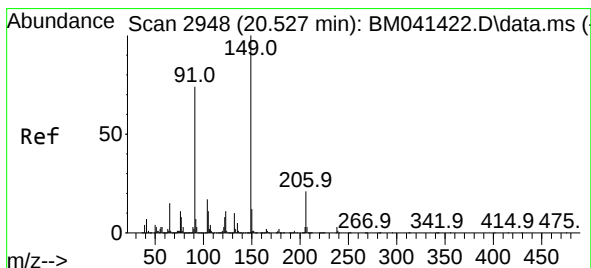
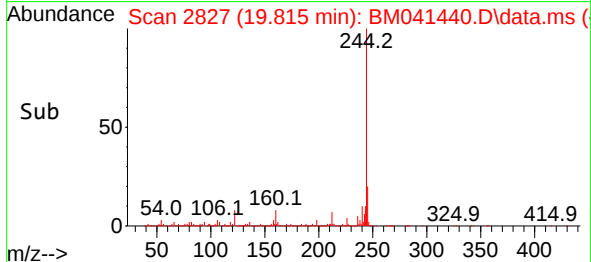
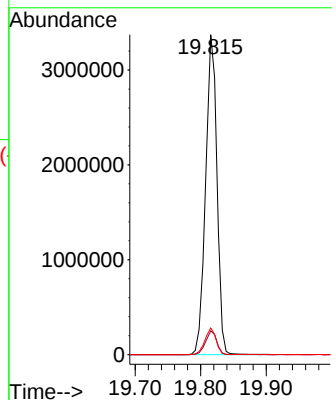
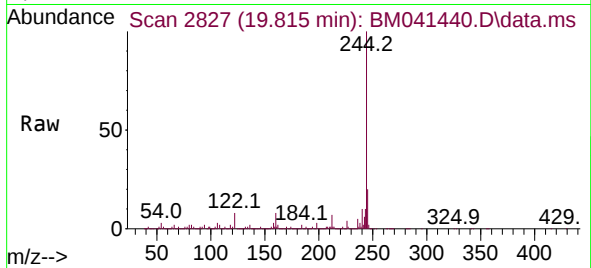




#79
 Terphenyl-d14
 Concen: 70.328 ng
 RT: 19.815 min Scan# 2827
 Delta R.T. 0.000 min
 Lab File: BM041440.D
 Acq: 21 Aug 2023 09:57

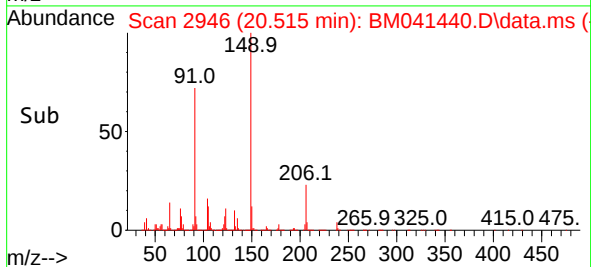
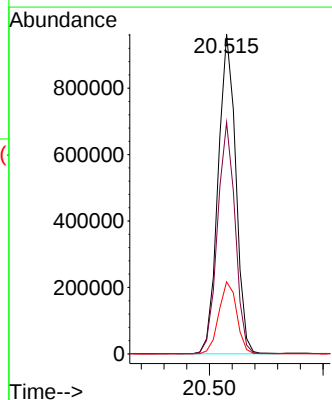
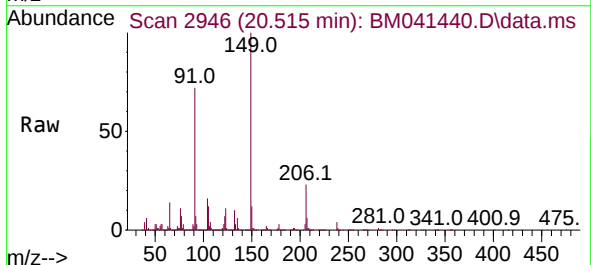
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

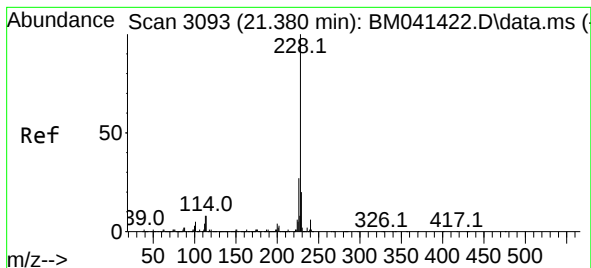
Tgt Ion:244 Resp: 4018214
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.3 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 36.503 ng
 RT: 20.515 min Scan# 2946
 Delta R.T. 0.000 min
 Lab File: BM041440.D
 Acq: 21 Aug 2023 09:57

Tgt Ion:149 Resp: 1039606
 Ion Ratio Lower Upper
 149 100
 91 72.3 59.3 88.9
 206 22.5 17.0 25.6





#81

Benzo(a)anthracene

Concen: 38.869 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

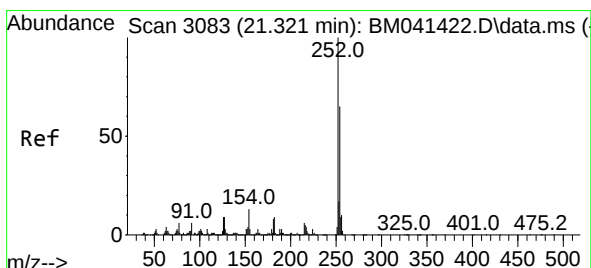
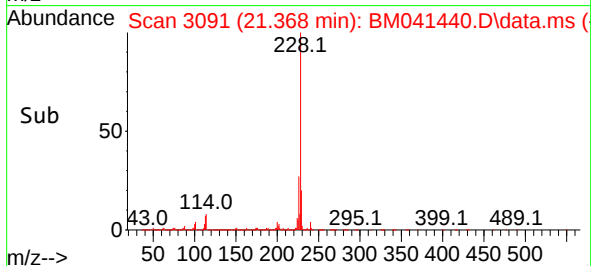
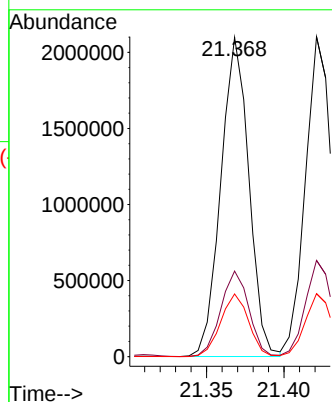
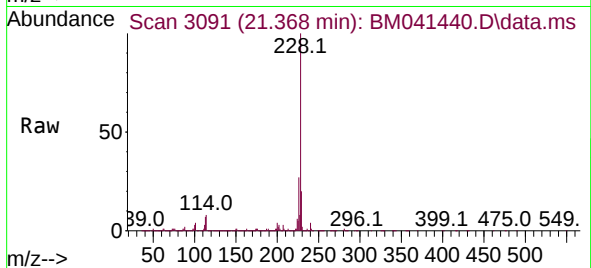
Tgt Ion:228 Resp: 2639066

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.893 ng

RT: 21.309 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

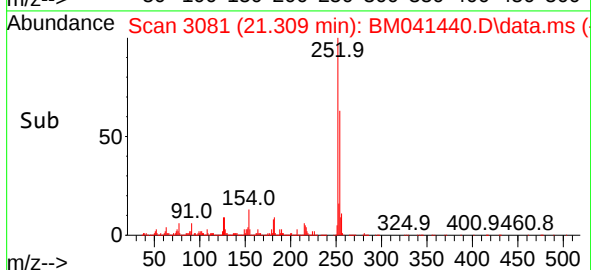
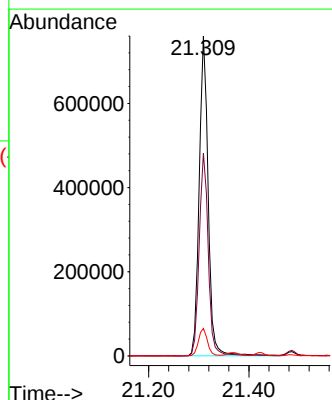
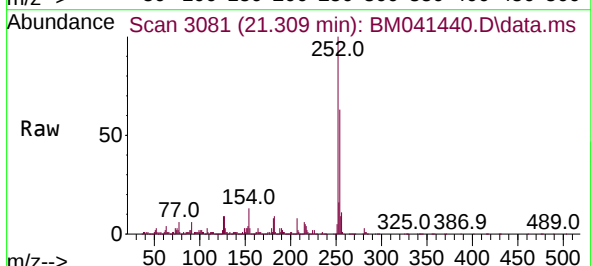
Tgt Ion:252 Resp: 941904

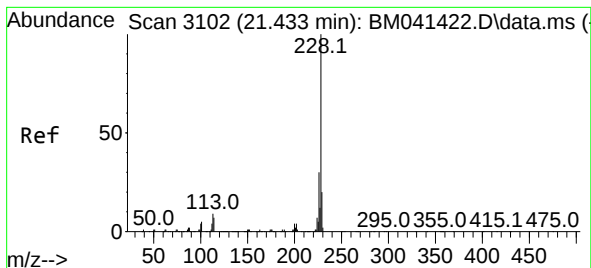
Ion Ratio Lower Upper

252 100

254 63.4 51.6 77.4

126 8.6 7.3 10.9





#83

Chrysene

Concen: 38.589 ng

RT: 21.421 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

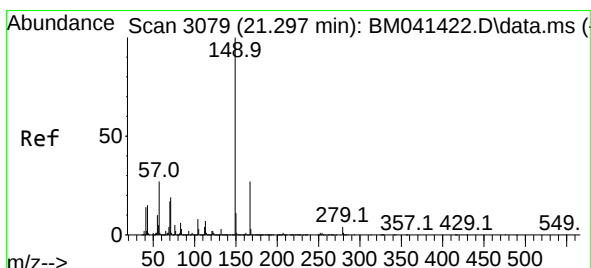
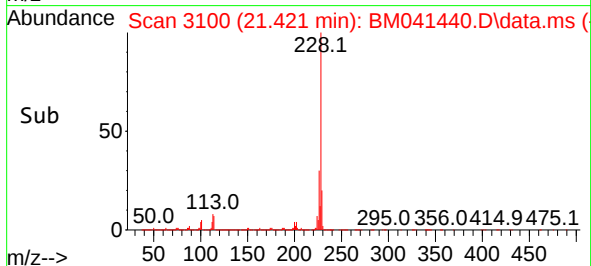
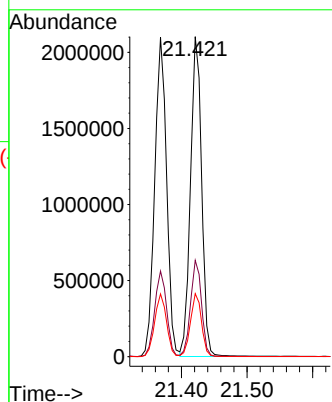
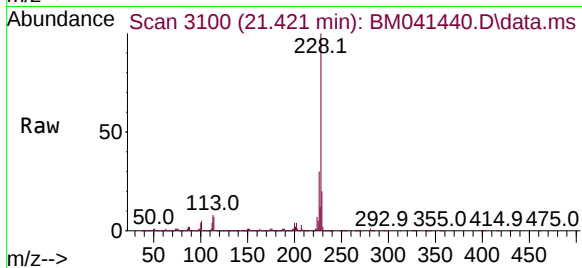
Tgt Ion:228 Resp: 2490482

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.577 ng

RT: 21.292 min Scan# 3078

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

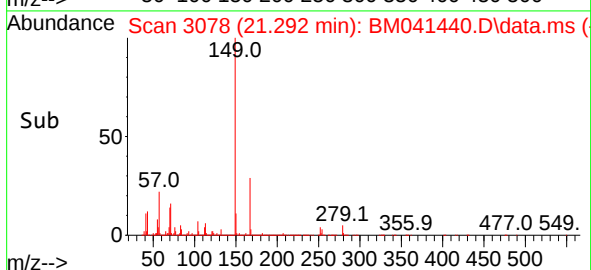
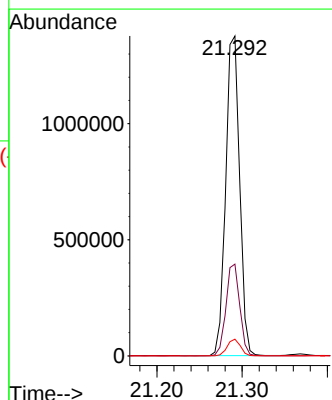
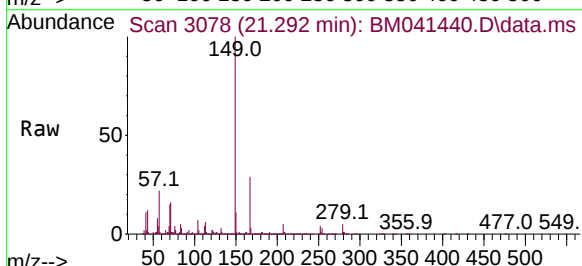
Tgt Ion:149 Resp: 1560887

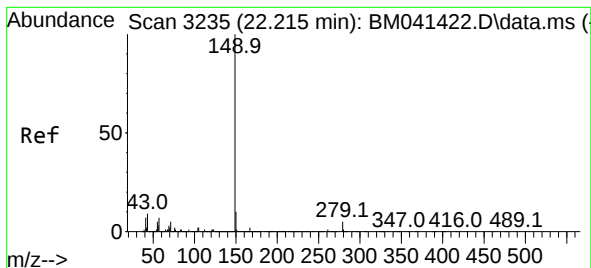
Ion Ratio Lower Upper

149 100

167 28.7 21.5 32.3

279 5.2 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 40.516 ng

RT: 22.197 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

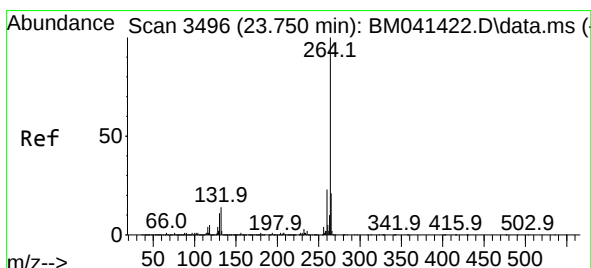
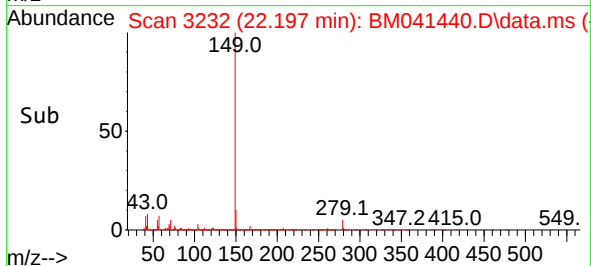
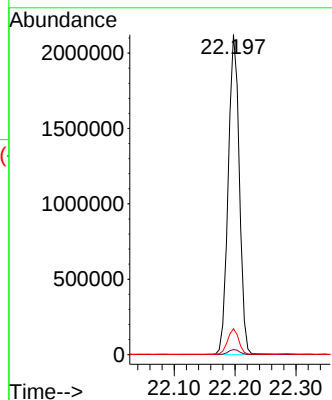
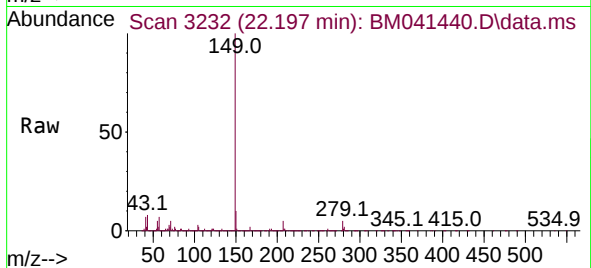
Tgt Ion:149 Resp: 2680474

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3492

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

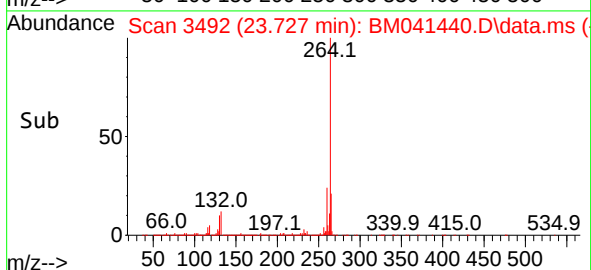
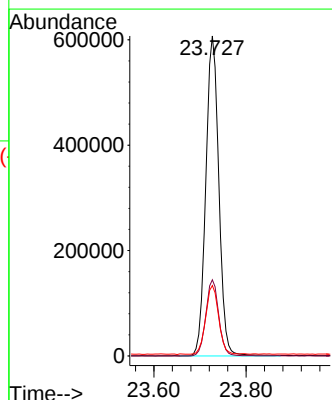
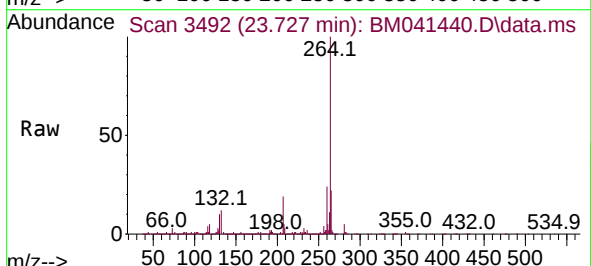
Tgt Ion:264 Resp: 1184454

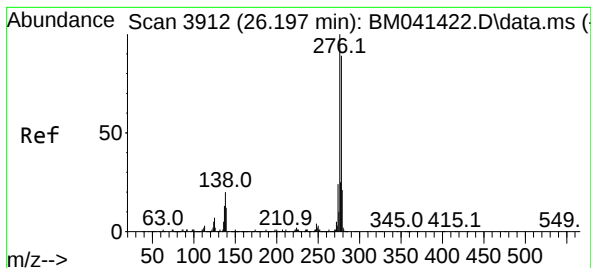
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.041 ng

RT: 26.150 min Scan# 3912

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

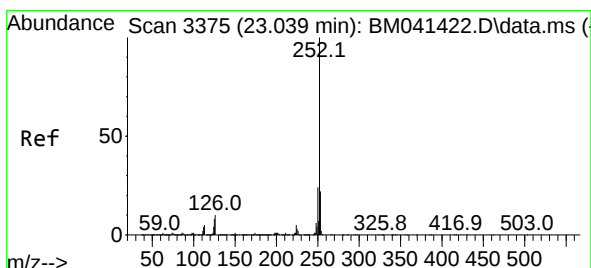
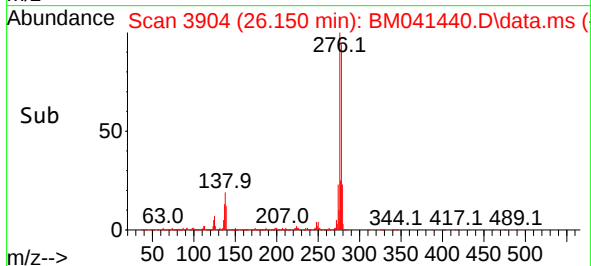
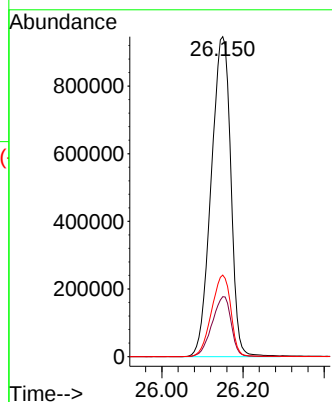
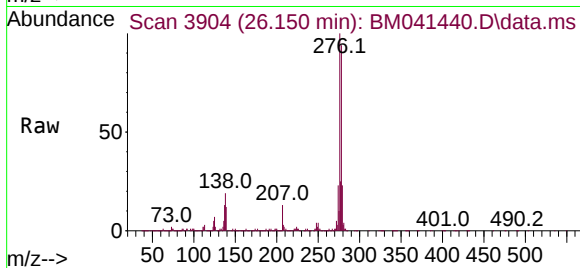
Tgt Ion:276 Resp: 3165031

Ion Ratio Lower Upper

276 100

138 18.3 16.6 25.0

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 36.957 ng

RT: 23.015 min Scan# 3371

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

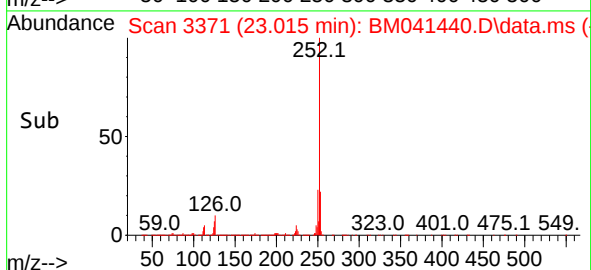
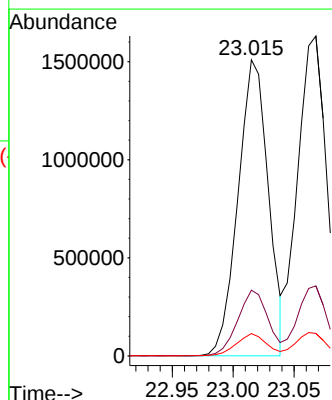
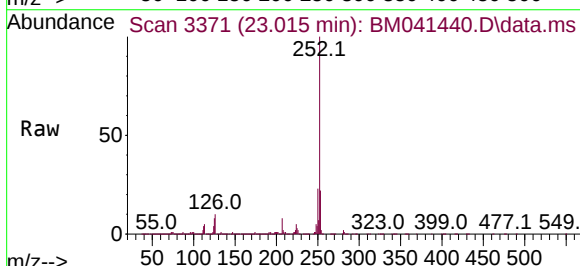
Tgt Ion:252 Resp: 2608985

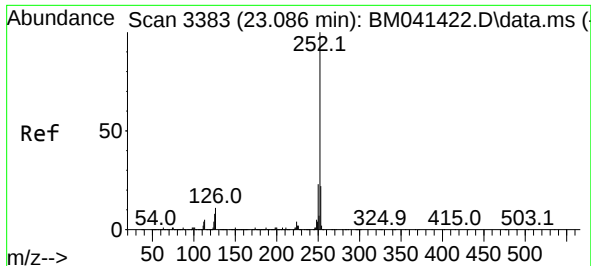
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.5 6.6 10.0

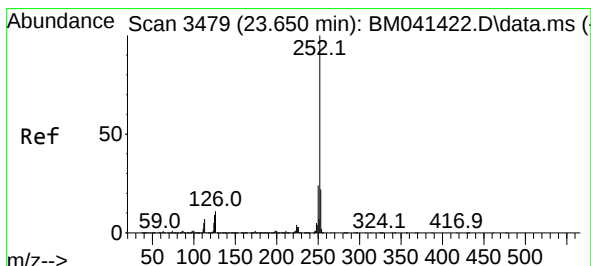
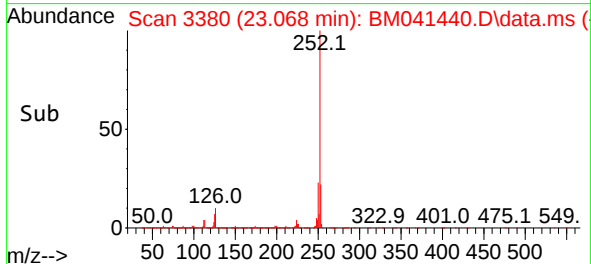
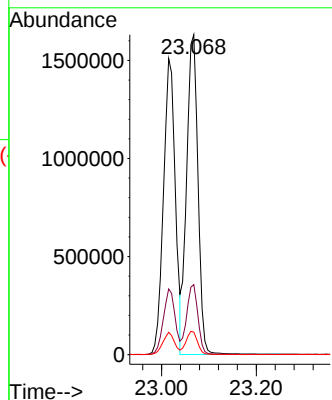
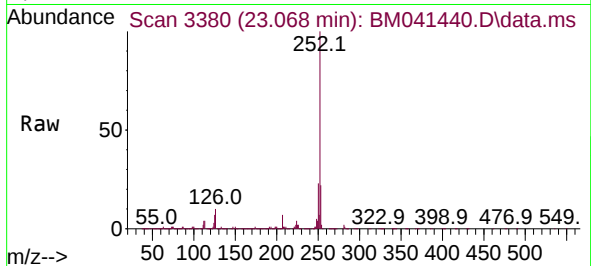




#89
Benzo(k)fluoranthene
Concen: 38.119 ng
RT: 23.068 min Scan# 3383
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

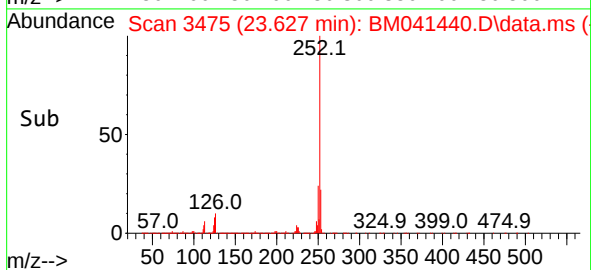
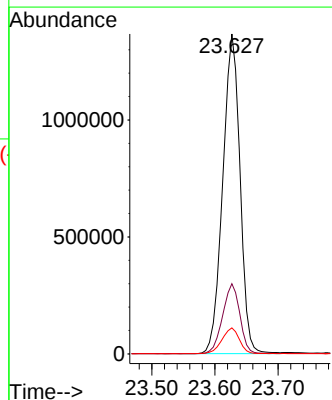
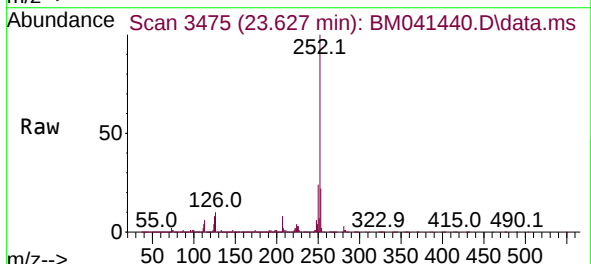
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

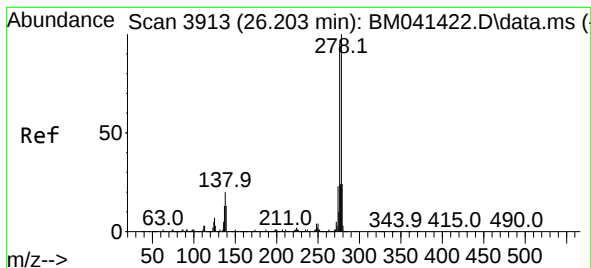
Tgt Ion:252 Resp: 2719529
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.0 6.5 9.7



#90
Benzo(a)pyrene
Concen: 38.640 ng
RT: 23.627 min Scan# 3475
Delta R.T. 0.000 min
Lab File: BM041440.D
Acq: 21 Aug 2023 09:57

Tgt Ion:252 Resp: 2597445
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.1 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 41.163 ng

RT: 26.162 min Scan# 3913

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

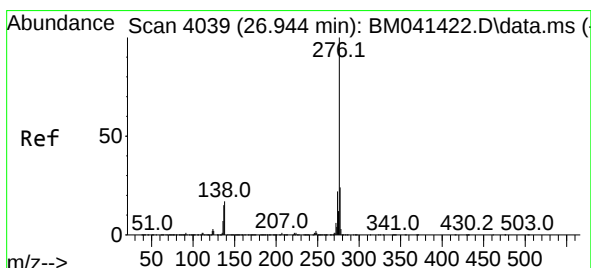
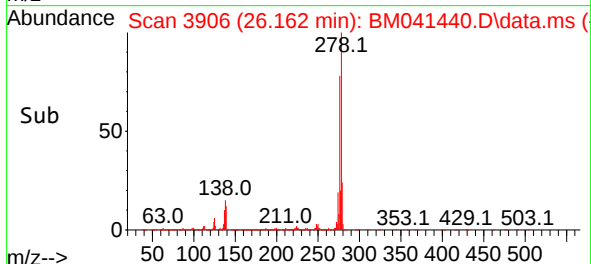
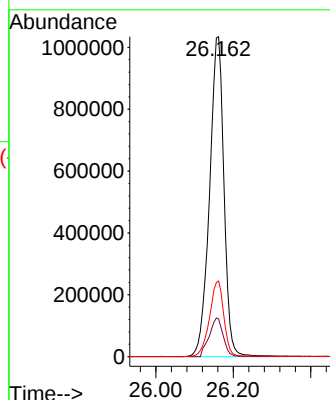
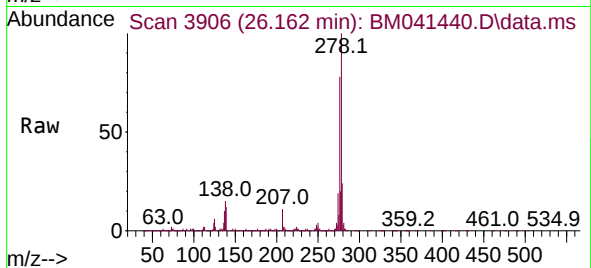
Tgt Ion:278 Resp: 2669719

Ion Ratio Lower Upper

278 100

139 11.8 10.6 16.0

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 40.499 ng

RT: 26.891 min Scan# 4030

Delta R.T. 0.000 min

Lab File: BM041440.D

Acq: 21 Aug 2023 09:57

Tgt Ion:276 Resp: 2539253

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 15.9 13.2 19.8

