

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041321.D
 Acq On : 08 Aug 2023 08:56
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 09 01:10:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	201441	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	809506	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	486925	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	980432	20.000	ng	0.00
76) Chrysene-d12	21.421	240	785998	20.000	ng	0.00
86) Perylene-d12	23.786	264	844604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	982094	72.866	ng	0.00
7) Phenol-d6	6.963	99	1336812	76.517	ng	0.00
23) Nitrobenzene-d5	8.963	82	1306270	75.043	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	559665	81.260	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2863288	74.283	ng	0.00
79) Terphenyl-d14	19.851	244	3584479	82.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	191320	33.182	ng	98
3) Pyridine	3.657	79	561728	37.053	ng	97
4) n-Nitrosodimethylamine	3.581	42	246325	35.131	ng	94
6) Aniline	7.122	93	797757	39.018	ng	99
8) 2-Chlorophenol	7.345	128	505921	38.450	ng	99
9) Benzaldehyde	6.934	77	333481	36.175	ng	98
10) Phenol	6.993	94	645609	38.261	ng	97
11) bis(2-Chloroethyl)ether	7.216	93	524437	38.395	ng	98
12) 1,3-Dichlorobenzene	7.663	146	546131	38.131	ng	98
13) 1,4-Dichlorobenzene	7.816	146	553328	38.436	ng	100
14) 1,2-Dichlorobenzene	8.134	146	534162	38.698	ng	99
15) Benzyl Alcohol	8.040	79	481647	43.655	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	648167	35.616	ng	96
17) 2-Methylphenol	8.239	107	467526	40.555	ng	98
18) Hexachloroethane	8.851	117	211155	39.398	ng	89
19) n-Nitroso-di-n-propyla...	8.604	70	452544	42.646	ng	98
20) 3+4-Methylphenols	8.575	107	642094	41.657	ng	98
22) Acetophenone	8.622	105	806164	37.602	ng	100
24) Nitrobenzene	9.004	77	654408	37.175	ng	99
25) Isophorone	9.528	82	1200526	40.629	ng	99
26) 2-Nitrophenol	9.710	139	295441	42.932	ng	95
27) 2,4-Dimethylphenol	9.775	122	471587	38.944	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	697955	37.708	ng	99
29) 2,4-Dichlorophenol	10.245	162	503460	41.228	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	541277	40.119	ng	99
31) Naphthalene	10.639	128	1620196	36.883	ng	100
32) Benzoic acid	9.957	122	371139	41.880	ng	97
33) 4-Chloroaniline	10.769	127	699898	39.868	ng	99
34) Hexachlorobutadiene	10.904	225	350100	43.145	ng	99
35) Caprolactam	11.598	113	149929	42.442	ng	92
36) 4-Chloro-3-methylphenol	11.904	107	532317	41.416	ng	97
37) 2-Methylnaphthalene	12.257	142	1180297	39.854	ng	98
38) 1-Methylnaphthalene	12.480	142	1090623	39.346	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	614466	38.863	ng	98
41) Hexachlorocyclopentadiene	12.592	237	266126	31.815	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	417647	41.213	ng	96

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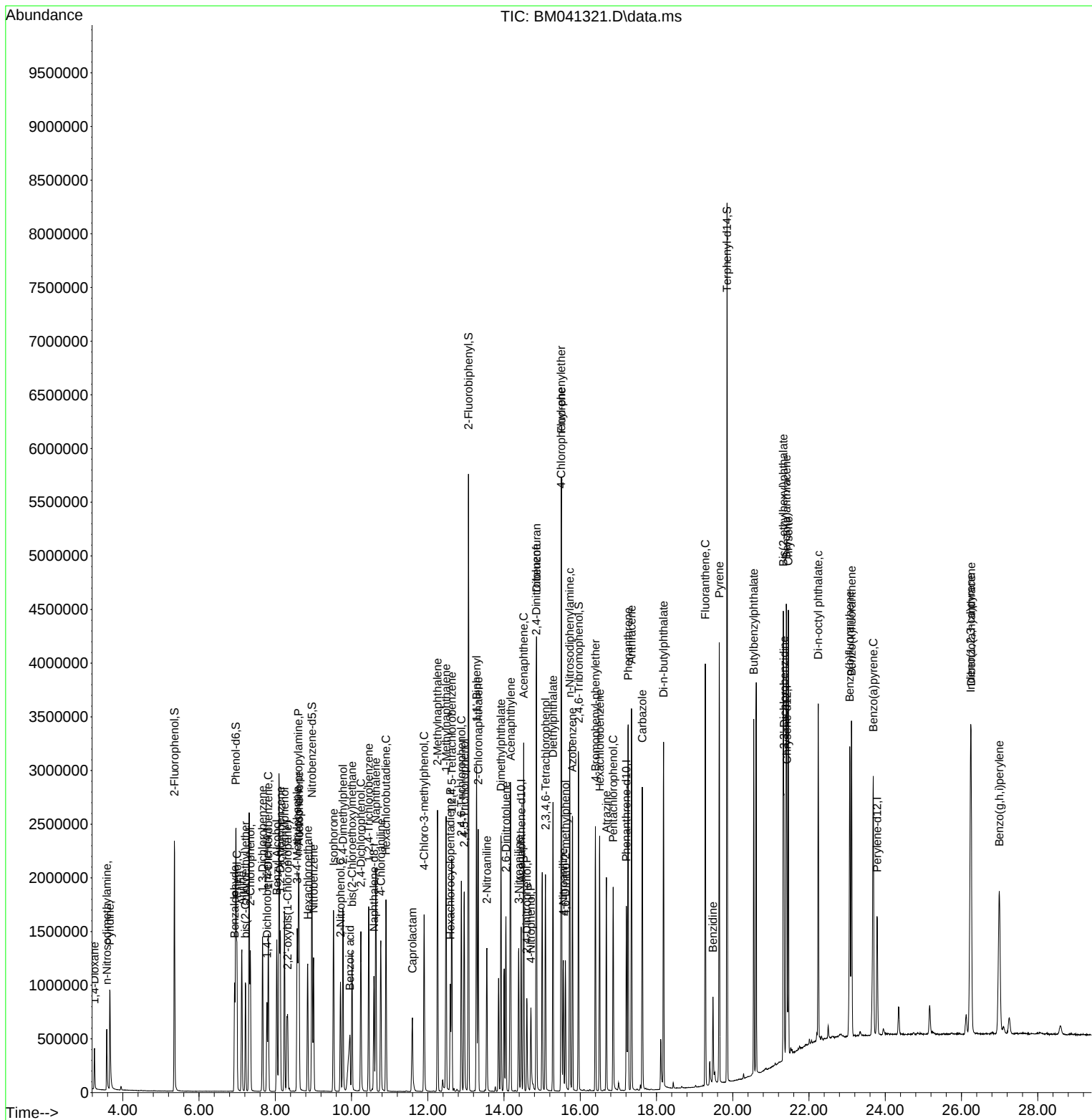
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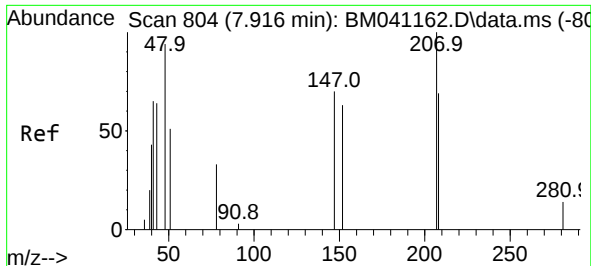
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	487917	41.598	ng	96
46) 1,1'-Biphenyl	13.280	154	1446430	36.642	ng	99
47) 2-Chloronaphthalene	13.322	162	1108987	37.625	ng	99
48) 2-Nitroaniline	13.551	65	372402	39.583	ng	97
49) Acenaphthylene	14.174	152	1780628	37.429	ng	100
50) Dimethylphthalate	13.921	163	1431897	39.094	ng	99
51) 2,6-Dinitrotoluene	14.051	165	308616	40.665	ng	99
52) Acenaphthene	14.516	154	1065056	37.162	ng	99
53) 3-Nitroaniline	14.386	138	319600	37.016	ng	94
54) 2,4-Dinitrophenol	14.598	184	179776	38.355	ng	94
55) Dibenzofuran	14.851	168	1738366	37.176	ng	99
56) 4-Nitrophenol	14.704	139	227136	35.911	ng	96
57) 2,4-Dinitrotoluene	14.845	165	416187	38.935	ng	95
58) Fluorene	15.504	166	1373495	37.234	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	385121	40.548	ng	97
60) Diethylphthalate	15.286	149	1391031	39.272	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	733666	39.690	ng	99
62) 4-Nitroaniline	15.557	138	289242	36.794	ng	96
63) Azobenzene	15.792	77	1442522	37.179	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	245437	41.323	ng	92
66) n-Nitrosodiphenylamine	15.721	169	1155122	37.883	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	441358	41.058	ng	99
68) Hexachlorobenzene	16.510	284	478016	39.991	ng	96
69) Atrazine	16.686	200	337682	42.170	ng	99
70) Pentachlorophenol	16.862	266	338722	40.923	ng	98
71) Phenanthrene	17.257	178	1996340	36.648	ng	99
72) Anthracene	17.345	178	2045369	37.965	ng	100
73) Carbazole	17.627	167	1774242	36.385	ng	99
74) Di-n-butylphthalate	18.186	149	2205959	40.034	ng	100
75) Fluoranthene	19.280	202	2205508	36.038	ng	99
77) Benzidine	19.480	184	520003	48.539	ng	100
78) Pyrene	19.645	202	2260308	41.122	ng	100
80) Butylbenzylphthalate	20.550	149	887832	44.231	ng	99
81) Benzo(a)anthracene	21.403	228	2060946	38.678	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	697910	40.139	ng	99
83) Chrysene	21.456	228	1939342	37.629	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1270072	40.275	ng	# 97
85) Di-n-octyl phthalate	22.244	149	2092582	41.249	ng	96
87) Indeno(1,2,3-cd)pyrene	26.238	276	2300680	37.050	ng	96
88) Benzo(b)fluoranthene	23.068	252	1913908	38.145	ng	98
89) Benzo(k)fluoranthene	23.115	252	1955451	38.100	ng	99
90) Benzo(a)pyrene	23.686	252	1865161	38.688	ng	98
91) Dibenzo(a,h)anthracene	26.250	278	1936819	37.395	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1860947	36.720	ng	97

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

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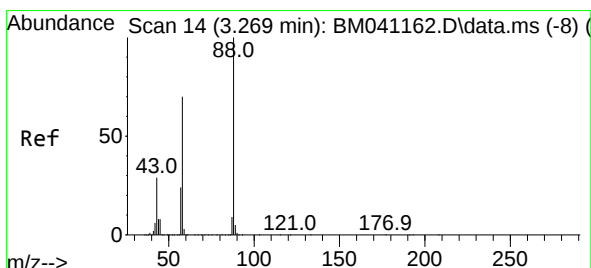
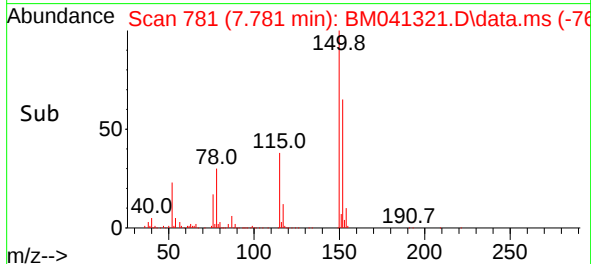
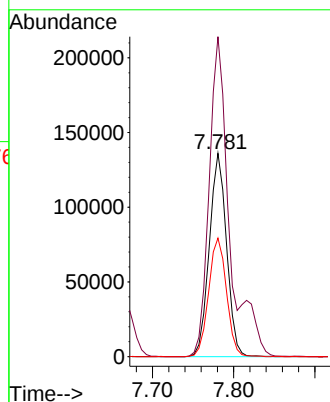
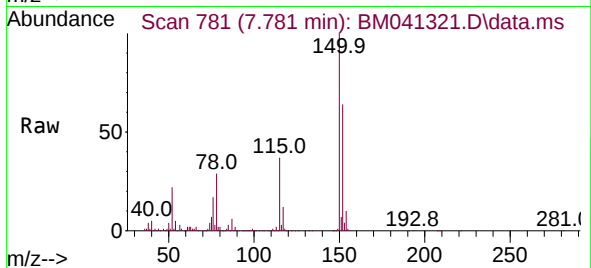




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

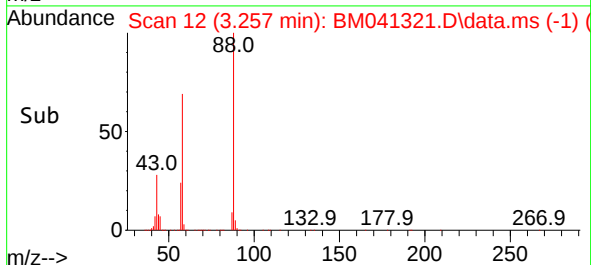
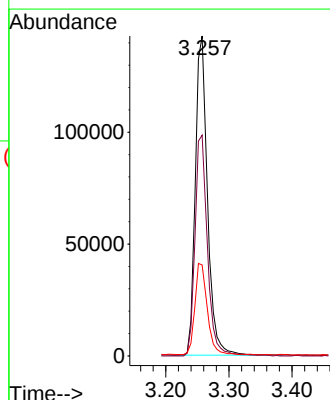
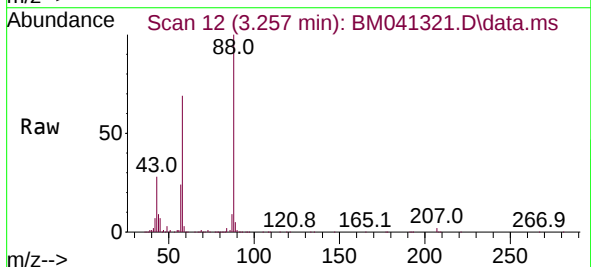
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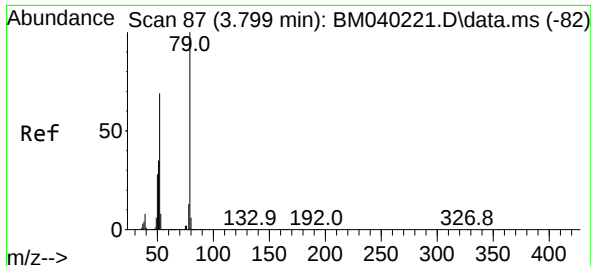
Tgt Ion:152 Resp: 201441
Ion Ratio Lower Upper
152 100
150 157.4 125.5 188.3
115 58.3 48.0 72.0



#2
1,4-Dioxane
Concen: 33.182 ng
RT: 3.257 min Scan# 12
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 88 Resp: 191320
Ion Ratio Lower Upper
88 100
58 70.9 58.2 87.4
43 29.3 24.4 36.6

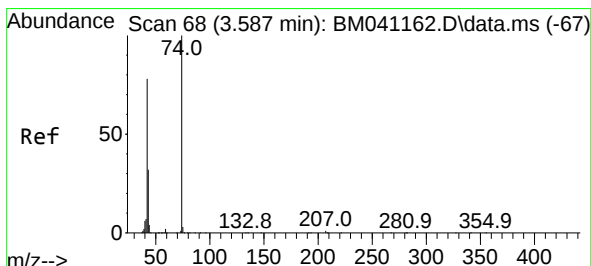
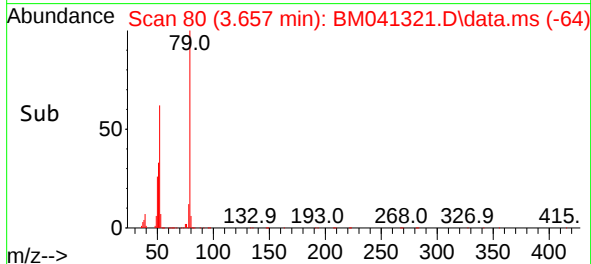
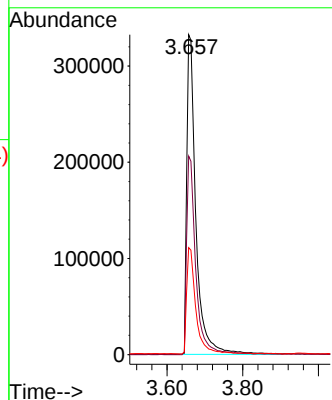
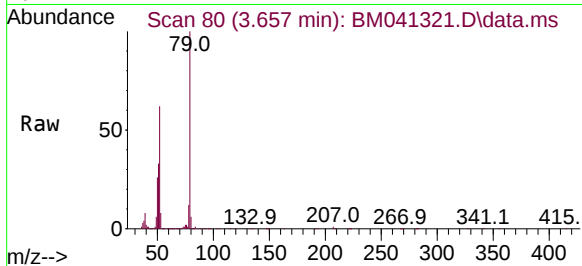




#3
 Pyridine
 Concen: 37.053 ng
 RT: 3.657 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041321.D
 Acq: 08 Aug 2023 08:56

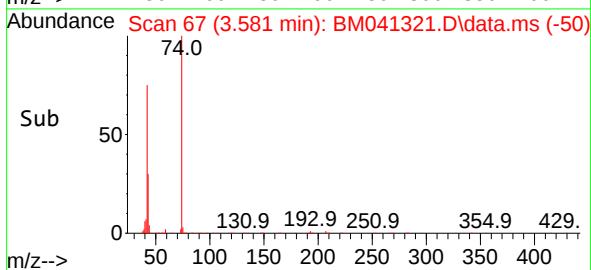
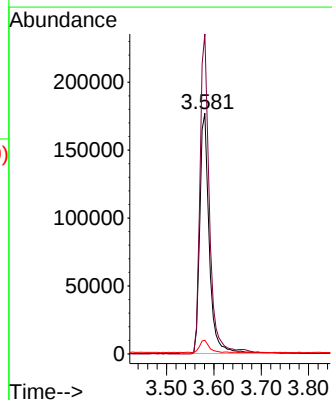
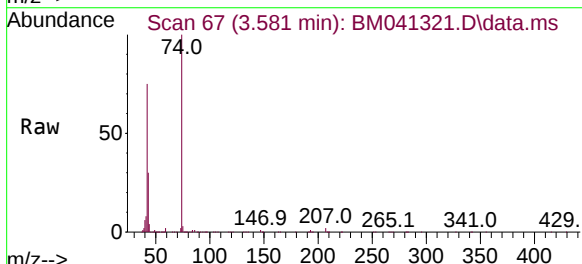
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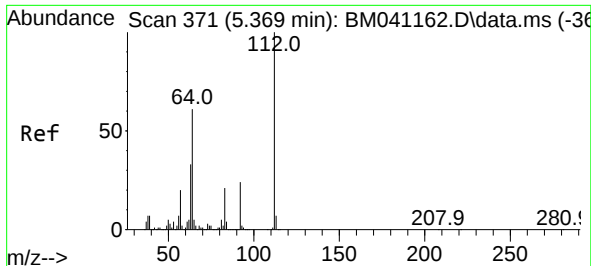
Tgt Ion: 79 Resp: 561728
 Ion Ratio Lower Upper
 79 100
 52 62.1 52.1 78.1
 51 33.4 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 35.131 ng
 RT: 3.581 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BM041321.D
 Acq: 08 Aug 2023 08:56

Tgt Ion: 42 Resp: 246325
 Ion Ratio Lower Upper
 42 100
 74 133.0 100.8 151.2
 44 5.7 5.0 7.4

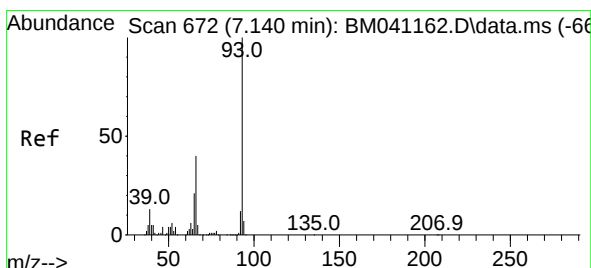
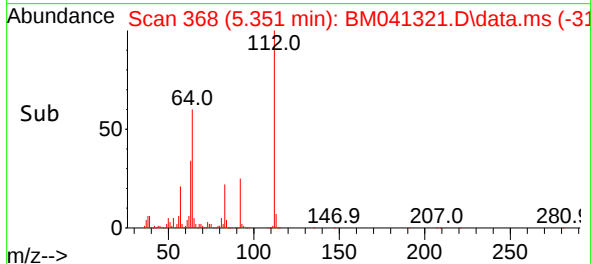
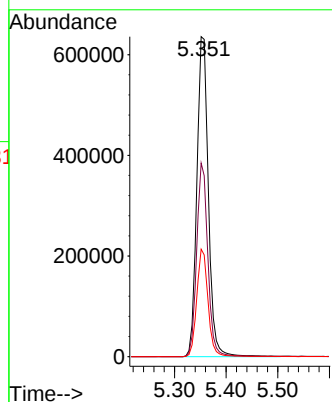
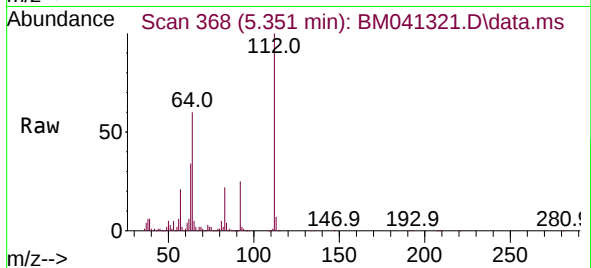




#5
2-Fluorophenol
Concen: 72.866 ng
RT: 5.351 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

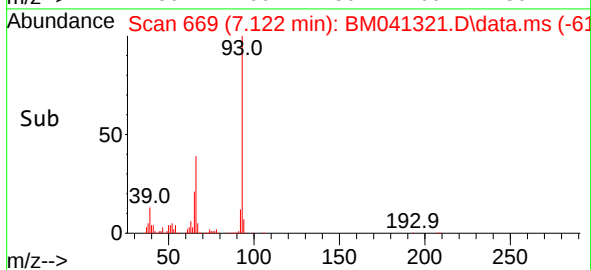
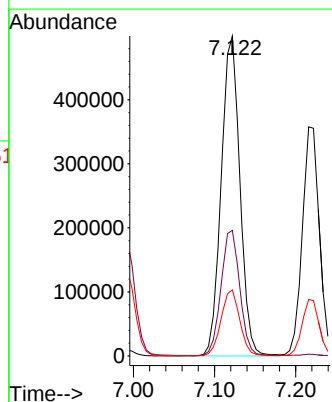
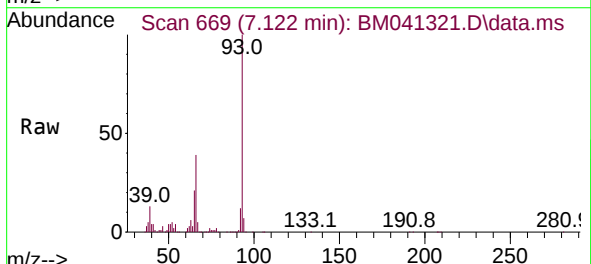
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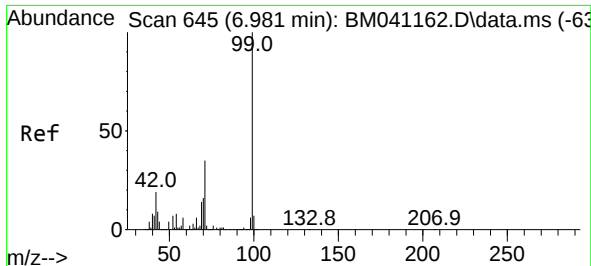
Tgt Ion:112 Resp: 982094
Ion Ratio Lower Upper
112 100
64 60.5 48.5 72.7
63 33.6 26.5 39.7



#6
Aniline
Concen: 39.018 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 93 Resp: 797757
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.6 16.6 24.8

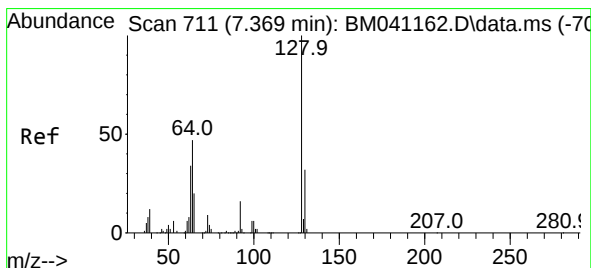
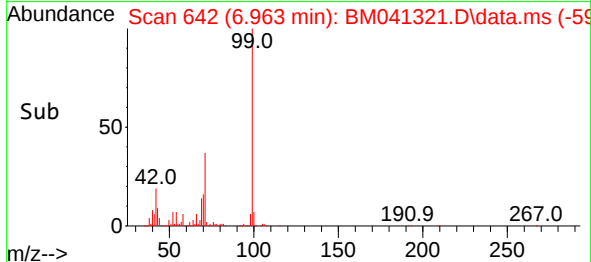
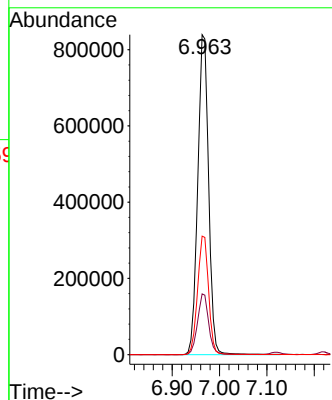
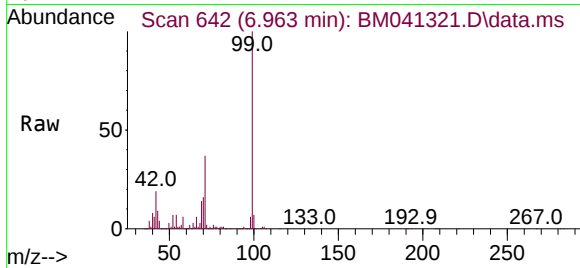




#7
Phenol-d6
Concen: 76.517 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

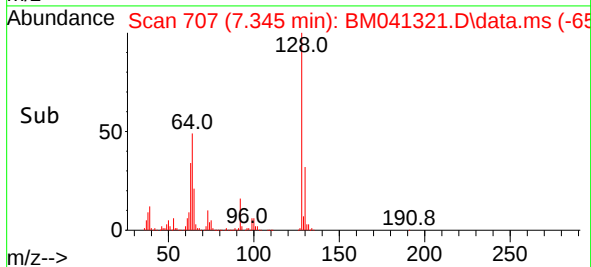
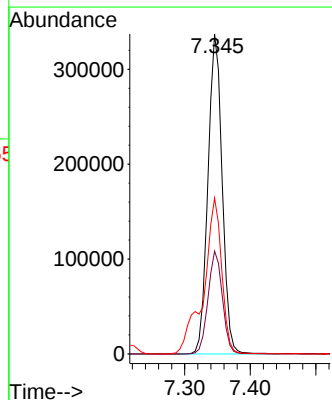
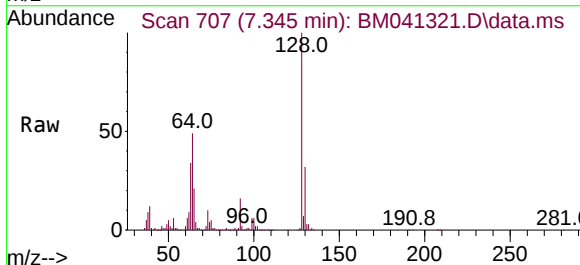
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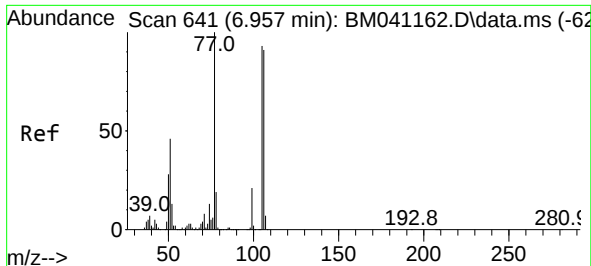
Tgt Ion: 99 Resp: 1336812
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.0 28.2 42.4



#8
2-Chlorophenol
Concen: 38.450 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 128 Resp: 505921
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 48.7 29.3 69.3

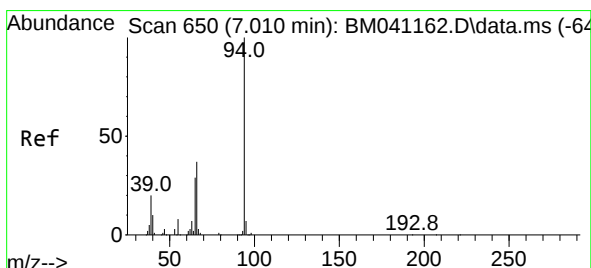
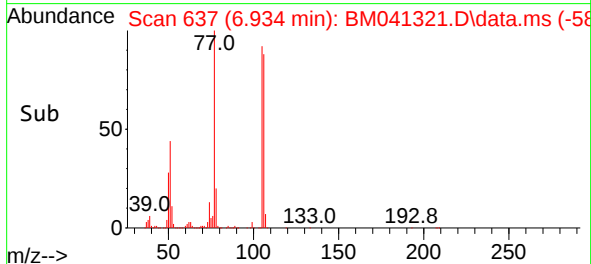
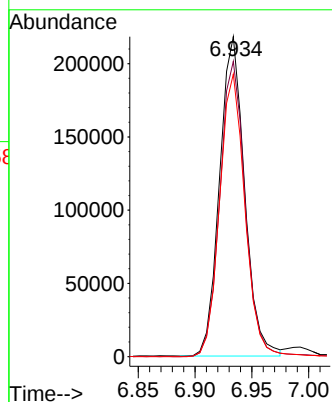
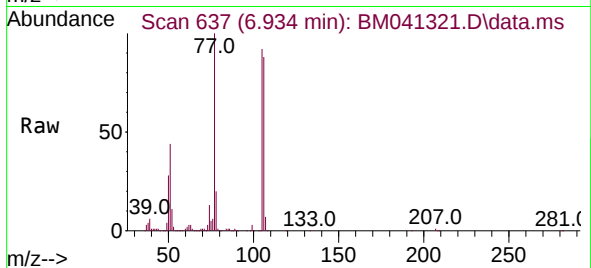




#9
Benzaldehyde
Concen: 36.175 ng
RT: 6.934 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041321.D
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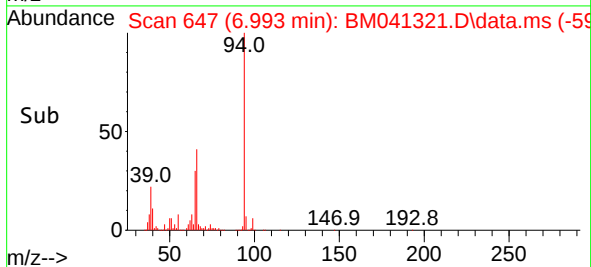
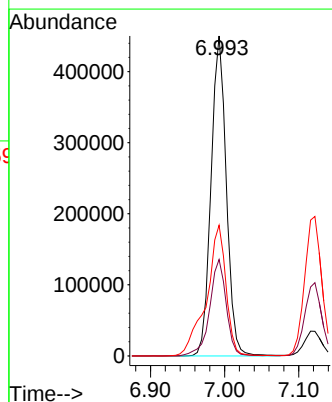
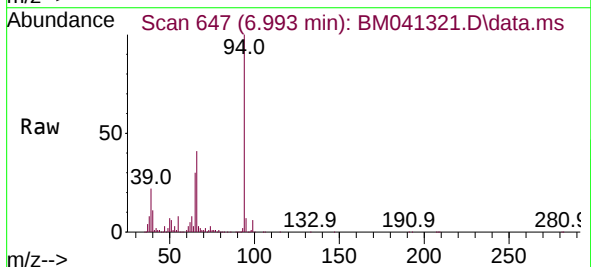
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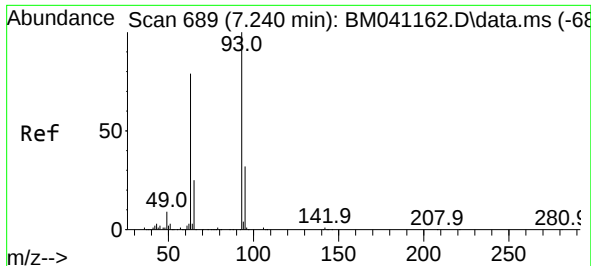
Tgt Ion: 77 Resp: 333481
Ion Ratio Lower Upper
77 100
105 92.3 72.8 112.8
106 88.3 70.8 110.8



#10
Phenol
Concen: 38.261 ng
RT: 6.993 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 94 Resp: 645609
Ion Ratio Lower Upper
94 100
65 30.1 9.5 49.5
66 40.8 18.0 58.0

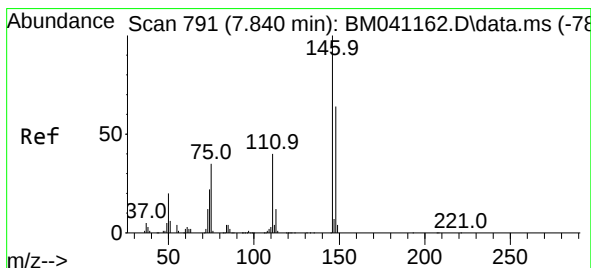
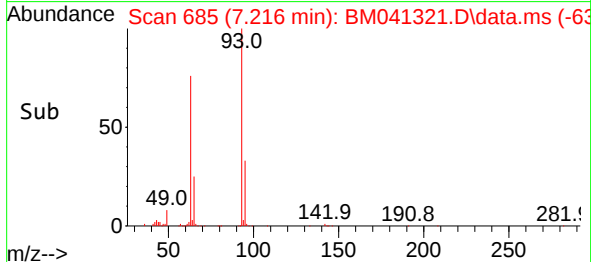
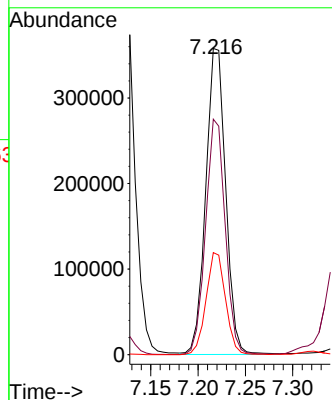
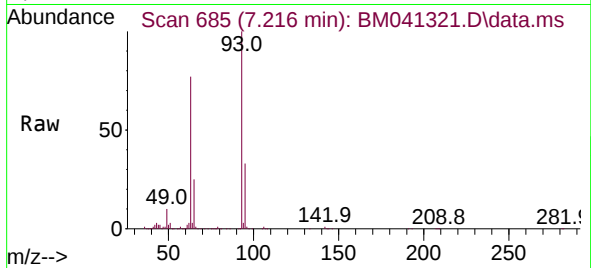




#11
bis(2-Chloroethyl)ether
Concen: 38.395 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

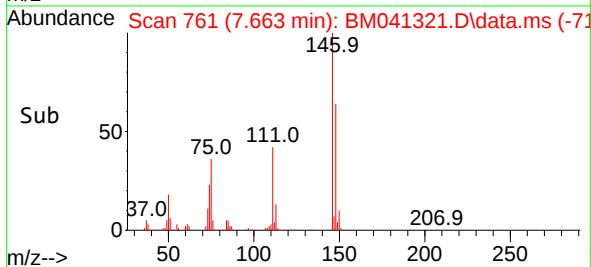
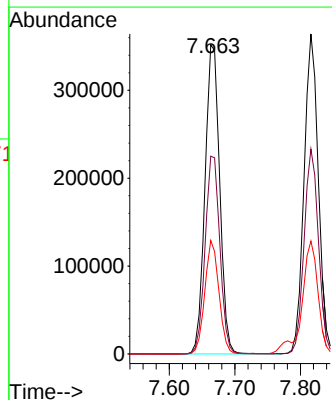
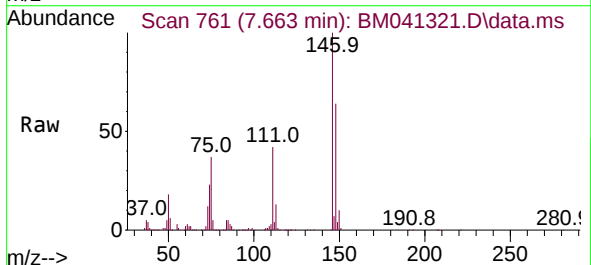
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

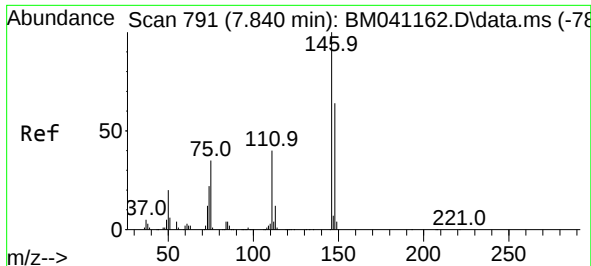
Tgt Ion: 93 Resp: 524437
Ion Ratio Lower Upper
93 100
63 76.9 58.8 98.8
95 33.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.131 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 146 Resp: 546131
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 36.7 28.3 42.5

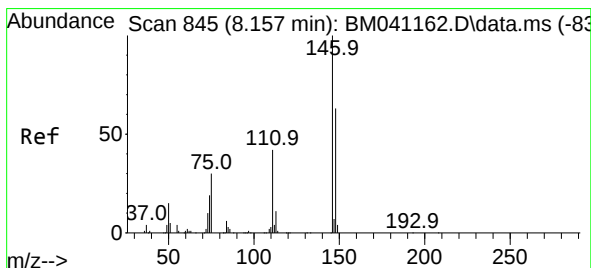
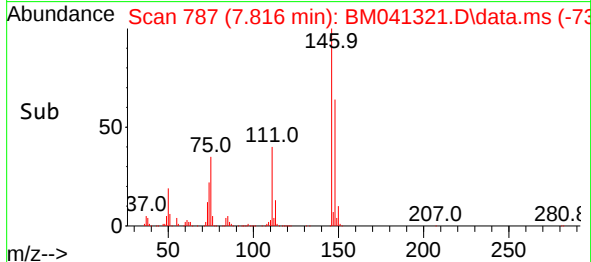
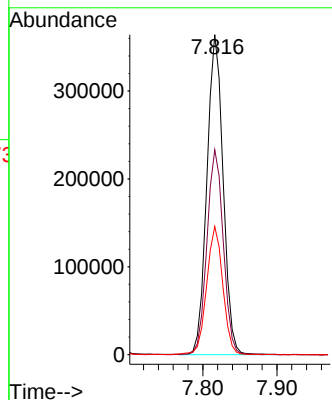
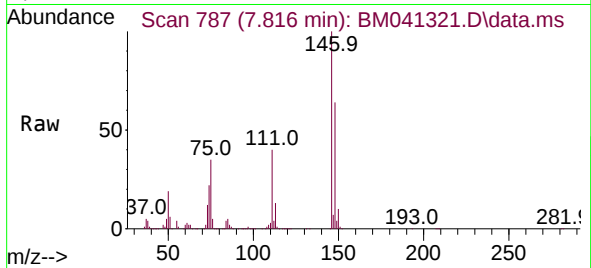




#13
1,4-Dichlorobenzene
Concen: 38.436 ng
RT: 7.816 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

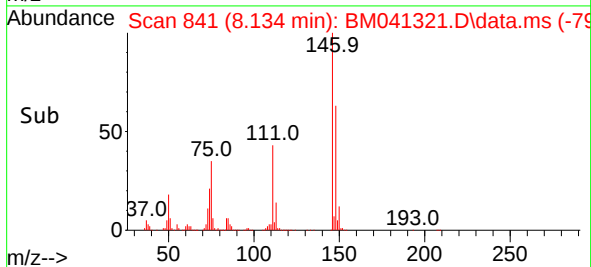
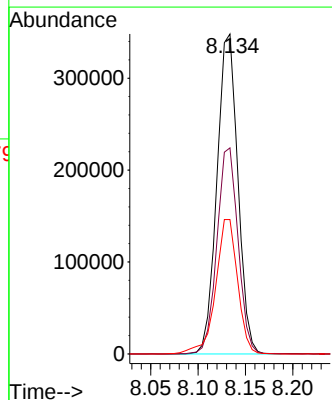
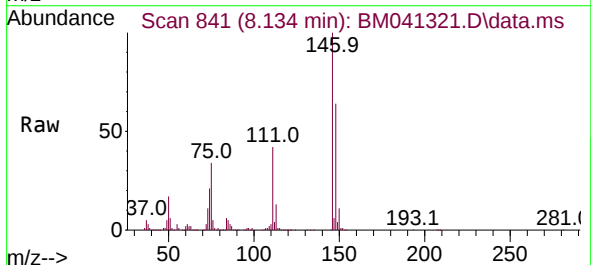
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

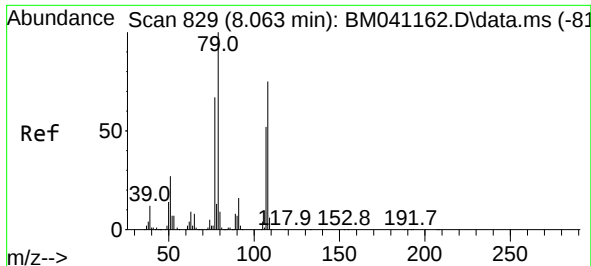
Tgt Ion:146 Resp: 553328
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 40.0 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 38.698 ng
RT: 8.134 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:146 Resp: 534162
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 42.0 33.8 50.6

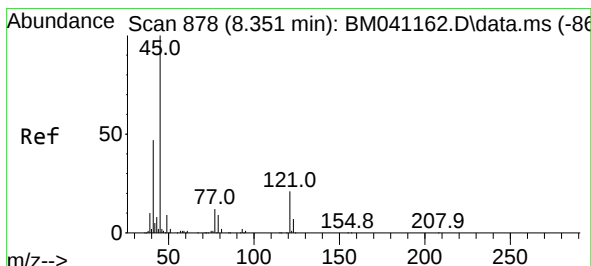
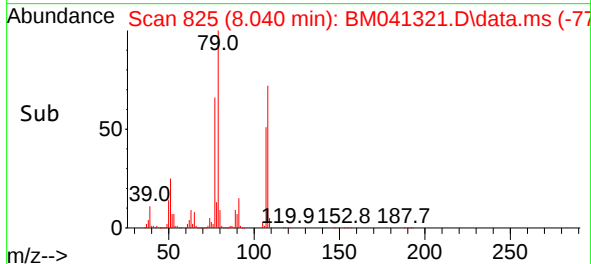
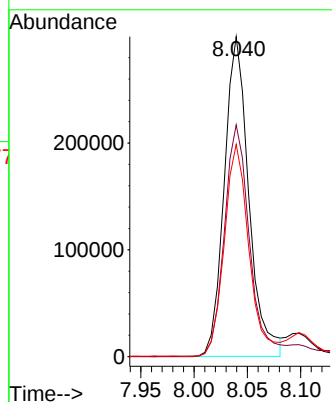
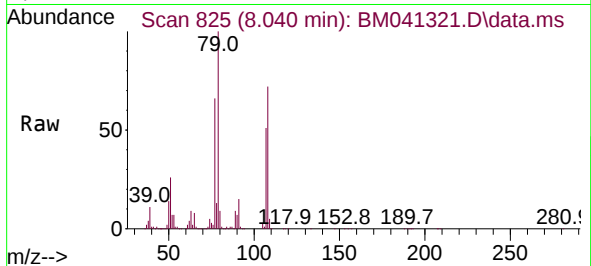




#15
Benzyl Alcohol
Concen: 43.655 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

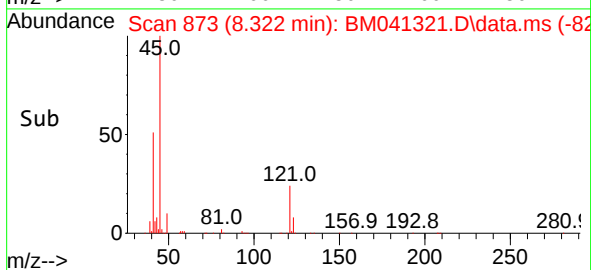
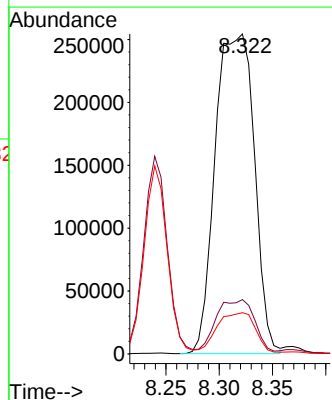
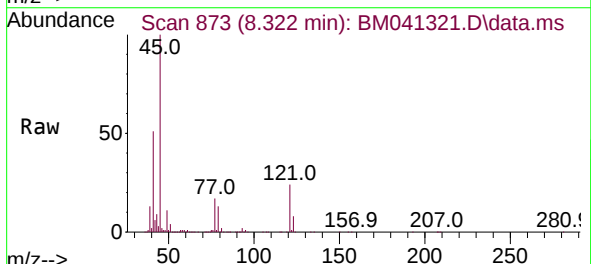
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

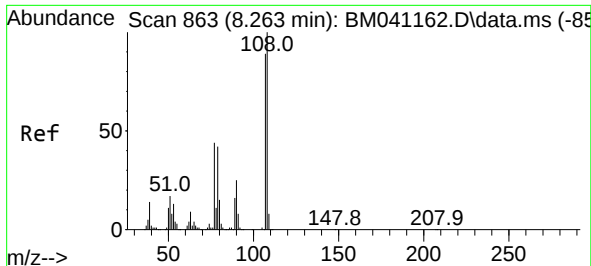
Tgt Ion: 79 Resp: 481647
Ion Ratio Lower Upper
79 100
108 72.4 59.8 89.8
77 66.3 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.616 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 45 Resp: 648167
Ion Ratio Lower Upper
45 100
77 17.0 0.0 34.5
79 12.9 0.0 32.1





#17

2-Methylphenol

Concen: 40.555 ng

RT: 8.239 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 467526

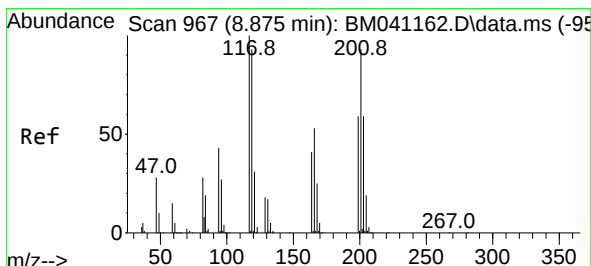
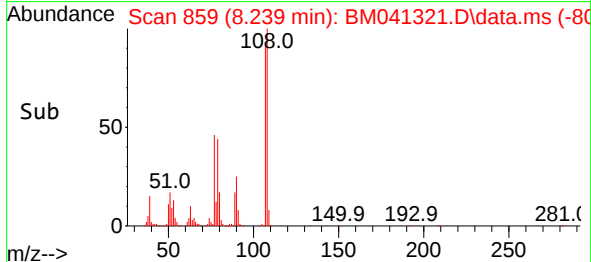
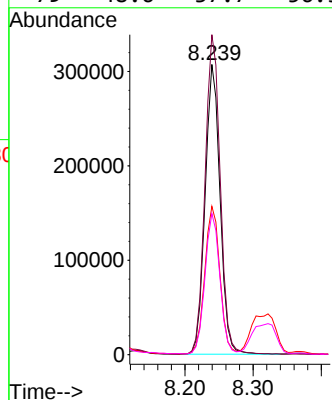
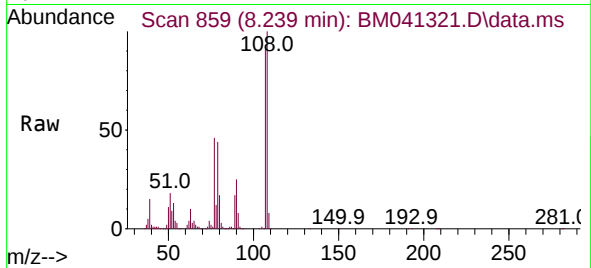
Ion Ratio Lower Upper

107 100

108 110.3 89.9 134.9

77 51.1 39.8 59.8

79 48.6 37.7 56.5



#18

Hexachloroethane

Concen: 39.398 ng

RT: 8.851 min Scan# 963

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

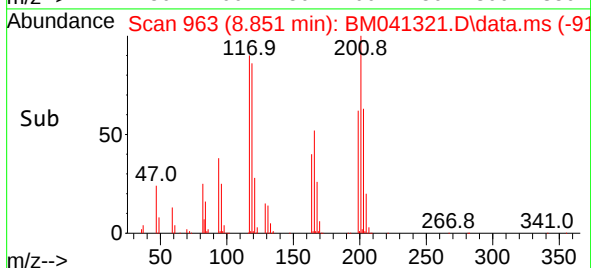
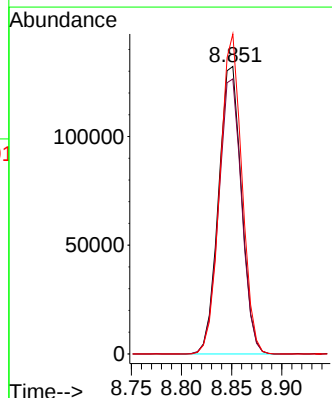
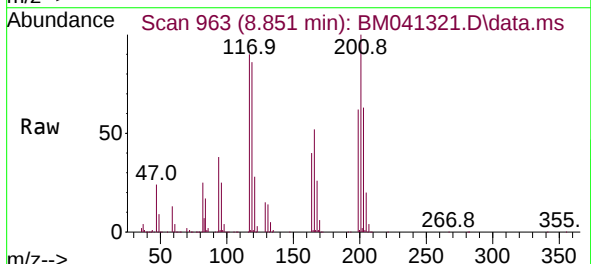
Tgt Ion:117 Resp: 211155

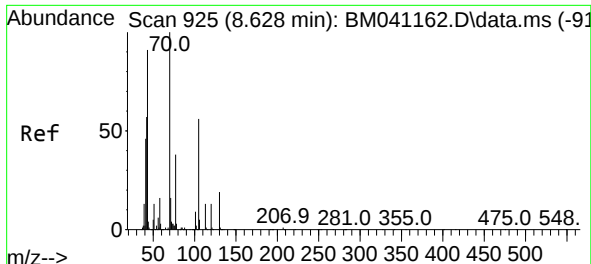
Ion Ratio Lower Upper

117 100

119 95.7 74.2 111.4

201 111.3 74.5 111.7

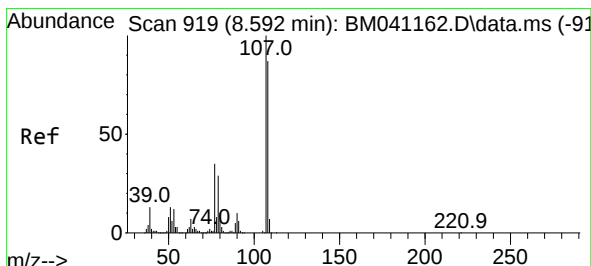
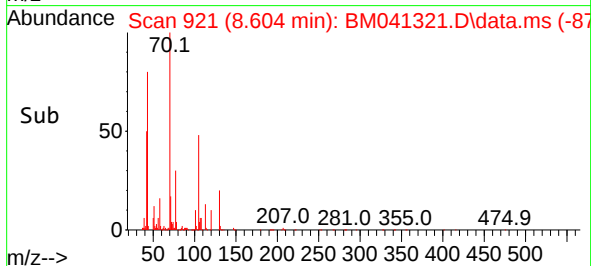
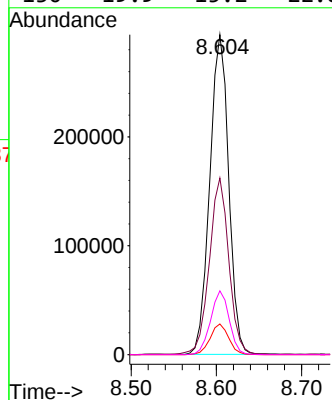
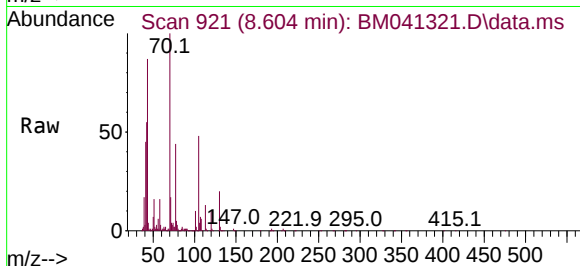




#19
n-Nitroso-di-n-propylamine
Concen: 42.646 ng
RT: 8.604 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

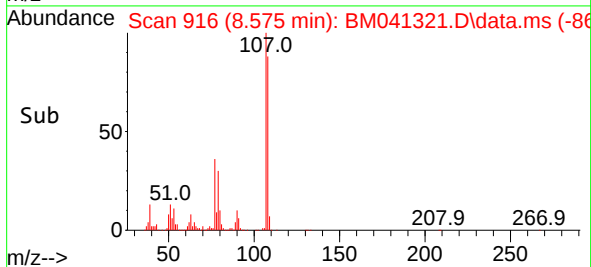
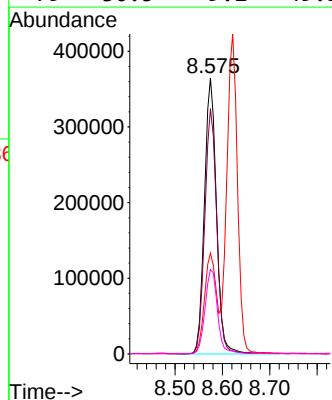
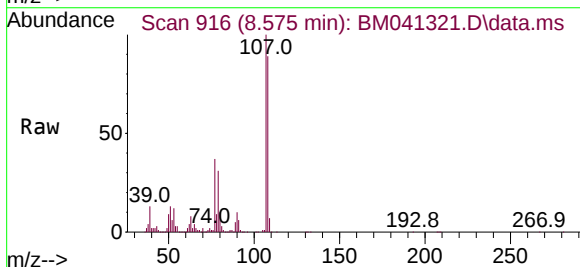
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

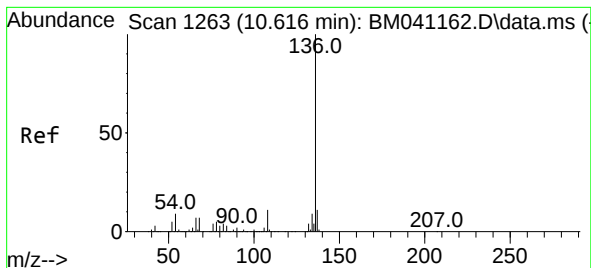
Tgt Ion: 70 Resp: 452544
Ion Ratio Lower Upper
70 100
42 55.2 45.8 68.8
101 9.6 7.4 11.0
130 19.9 15.2 22.8



#20
3+4-Methylphenols
Concen: 41.657 ng
RT: 8.575 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 107 Resp: 642094
Ion Ratio Lower Upper
107 100
108 88.8 67.2 107.2
77 36.5 15.4 55.4
79 30.5 9.2 49.2

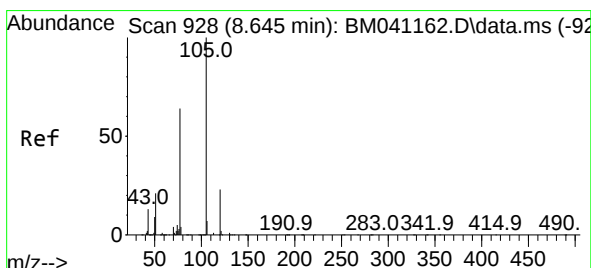
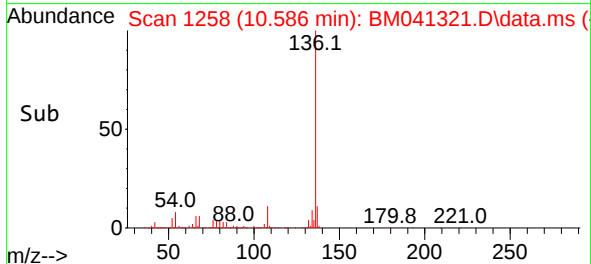
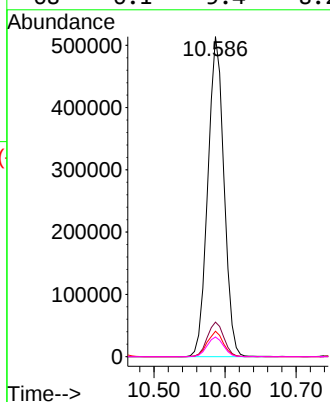
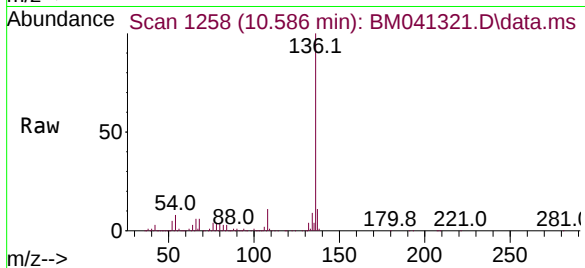




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

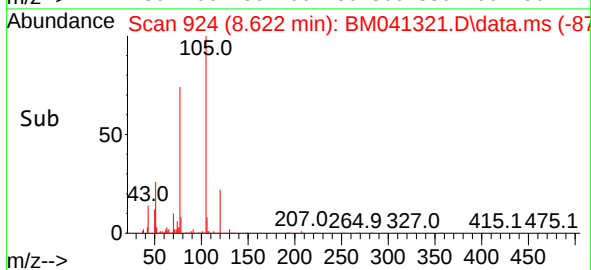
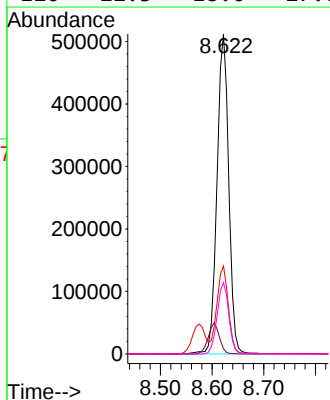
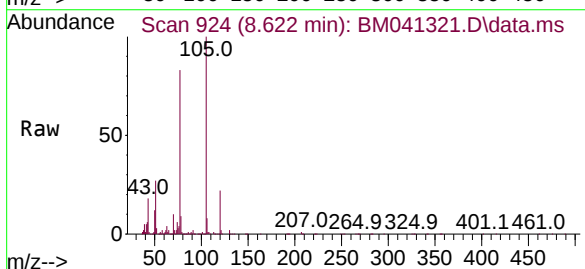
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

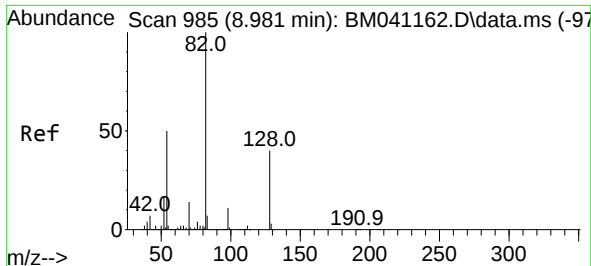
Tgt Ion:136	Resp:	809506
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	7.9	6.9 10.3
68	6.1	5.4 8.2



#22
Acetophenone
Concen: 37.602 ng
RT: 8.622 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:105	Resp:	806164
Ion	Ratio	Lower Upper
105	100	
71	1.6	1.2 1.8
51	27.5	22.0 33.0
120	22.3	18.0 27.0





#23

Nitrobenzene-d5

Concen: 75.043 ng

RT: 8.963 min Scan# 982

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

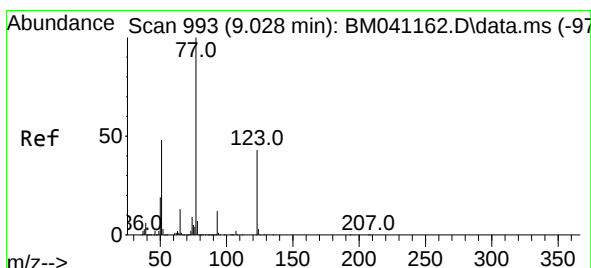
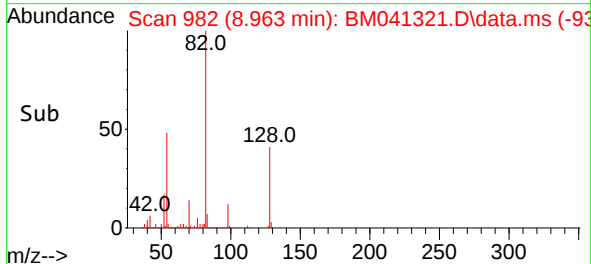
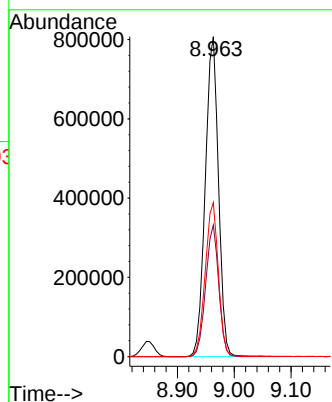
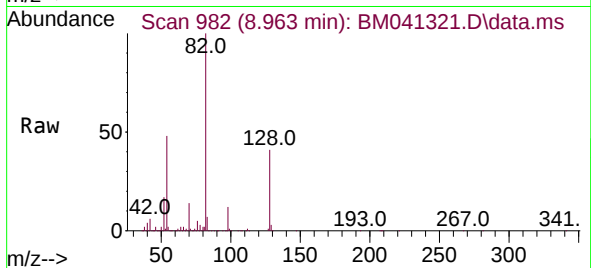
Tgt Ion: 82 Resp: 1306270

Ion Ratio Lower Upper

82 100

128 41.1 31.8 47.6

54 48.1 40.1 60.1



#24

Nitrobenzene

Concen: 37.175 ng

RT: 9.004 min Scan# 989

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

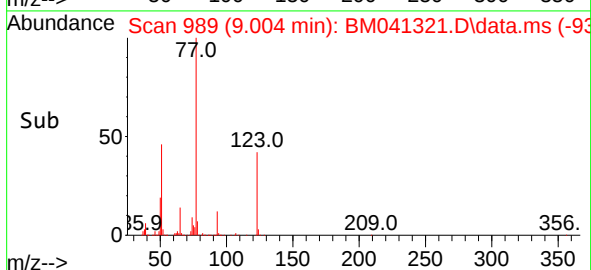
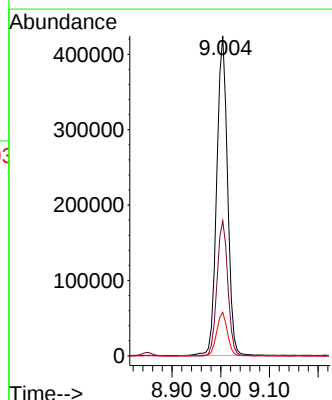
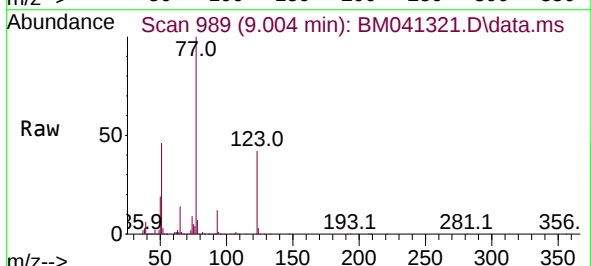
Tgt Ion: 77 Resp: 654408

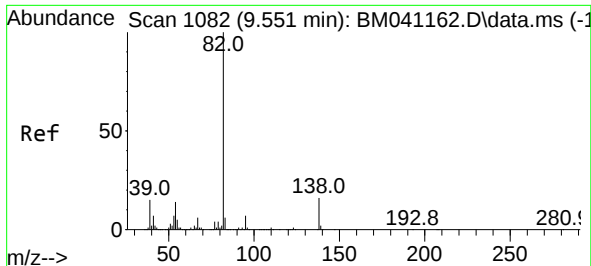
Ion Ratio Lower Upper

77 100

123 42.2 34.2 51.2

65 13.6 10.7 16.1

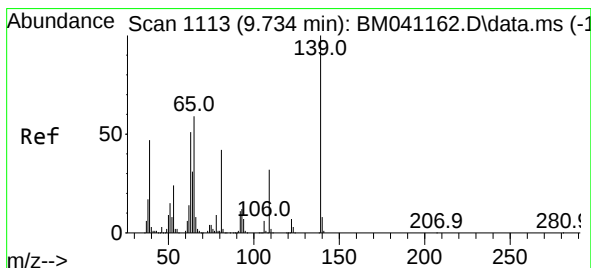
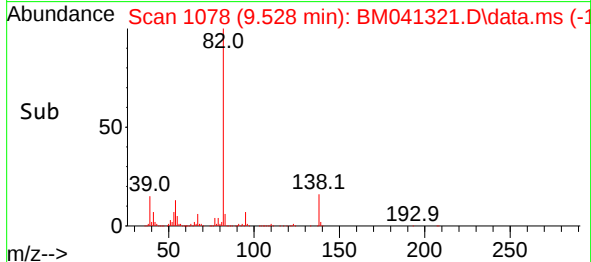
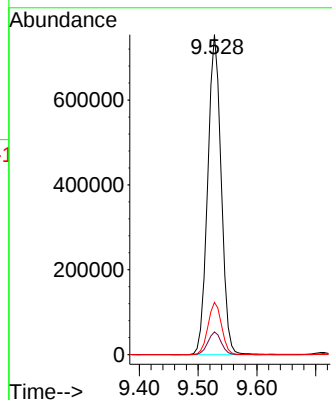
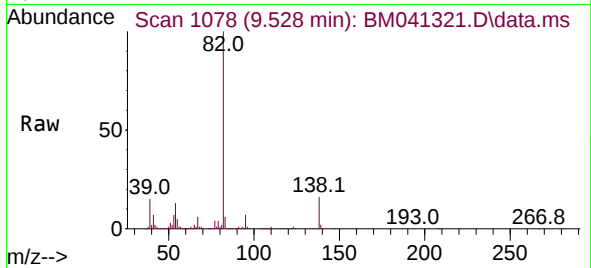




#25
Isophorone
Concen: 40.629 ng
RT: 9.528 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

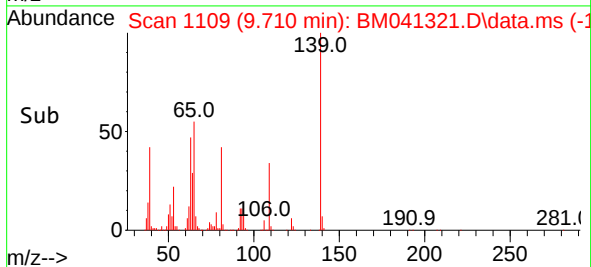
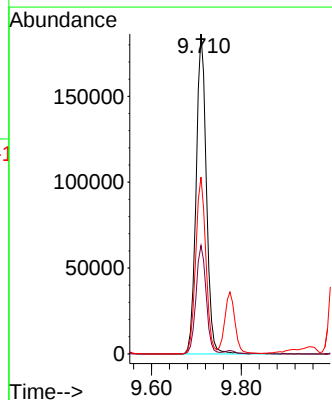
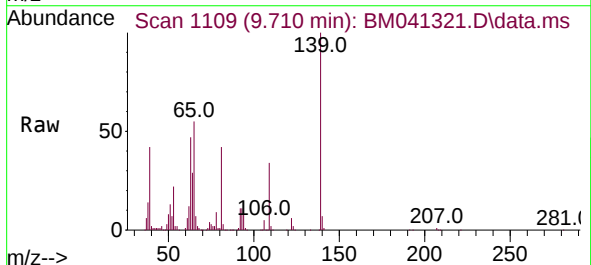
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

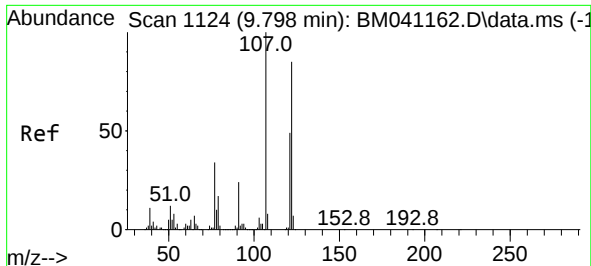
Tgt Ion: 82 Resp: 1200526
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 16.3 12.8 19.2



#26
2-Nitrophenol
Concen: 42.932 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 139 Resp: 295441
Ion Ratio Lower Upper
139 100
109 33.9 25.4 38.2
65 55.2 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 38.944 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

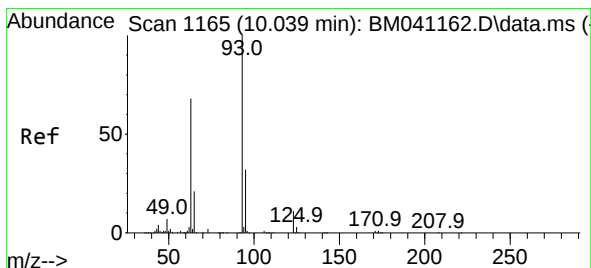
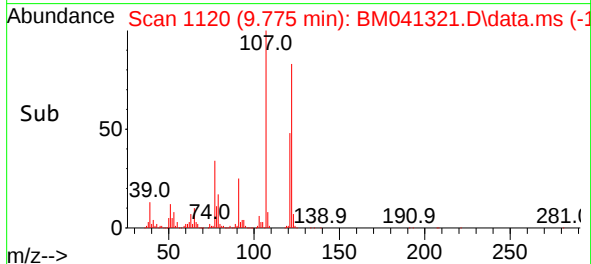
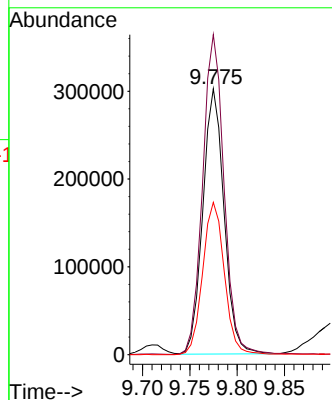
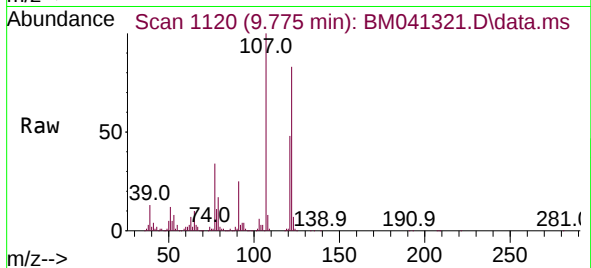
Tgt Ion:122 Resp: 471587

Ion Ratio Lower Upper

122 100

107 120.3 94.3 141.5

121 57.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.708 ng

RT: 10.010 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

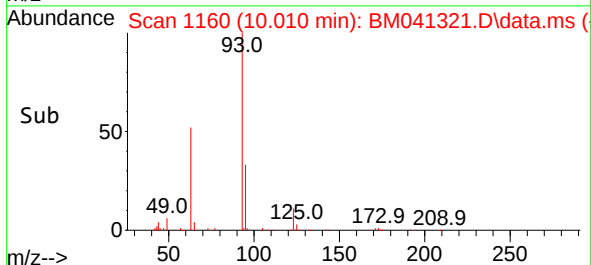
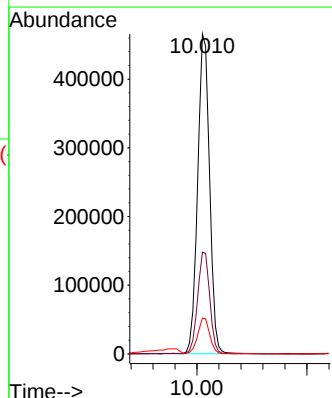
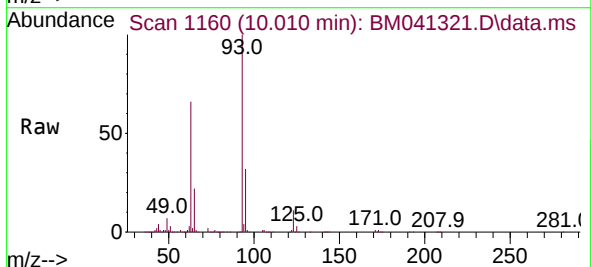
Tgt Ion: 93 Resp: 697955

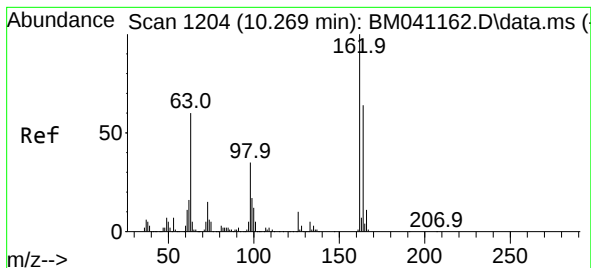
Ion Ratio Lower Upper

93 100

95 31.8 25.9 38.9

123 11.2 9.1 13.7

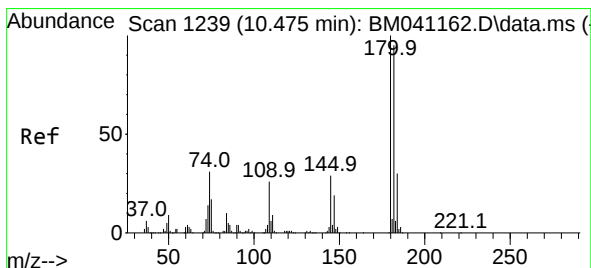
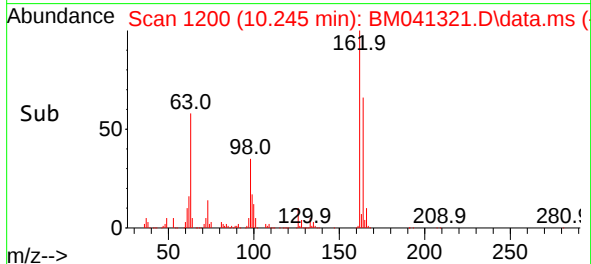
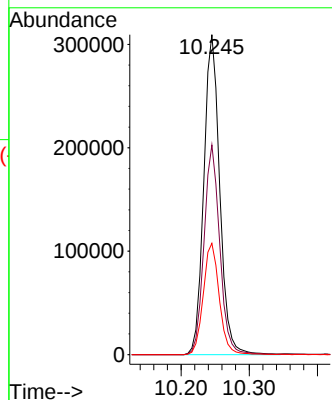
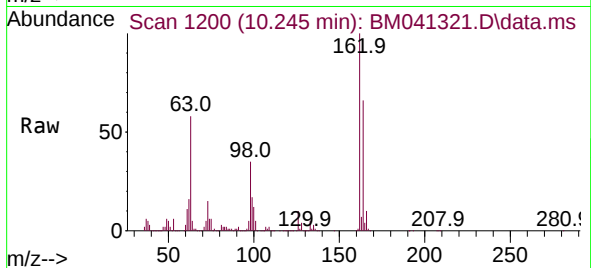




#29
2,4-Dichlorophenol
Concen: 41.228 ng
RT: 10.245 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

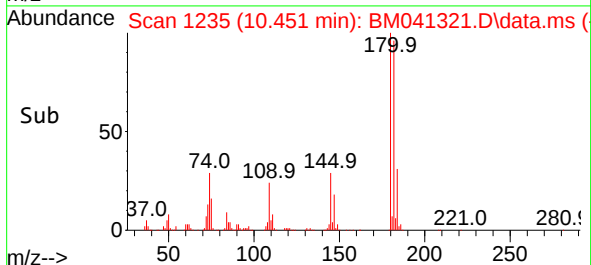
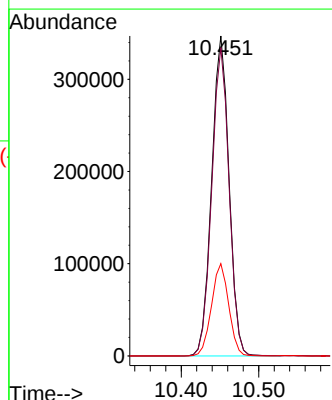
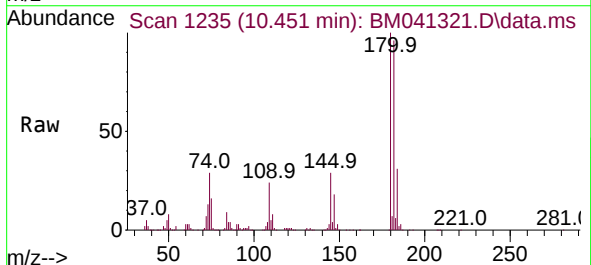
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

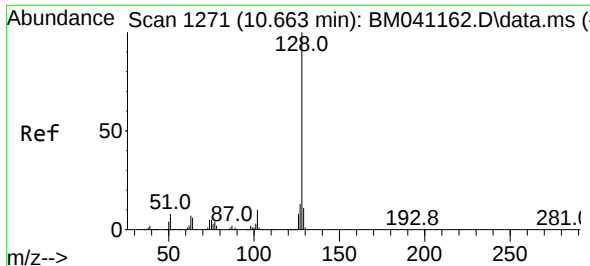
Tgt Ion:162 Resp: 503460
Ion Ratio Lower Upper
162 100
164 65.5 44.3 84.3
98 34.8 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 40.119 ng
RT: 10.451 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:180 Resp: 541277
Ion Ratio Lower Upper
180 100
182 96.3 75.9 113.9
145 28.8 23.6 35.4

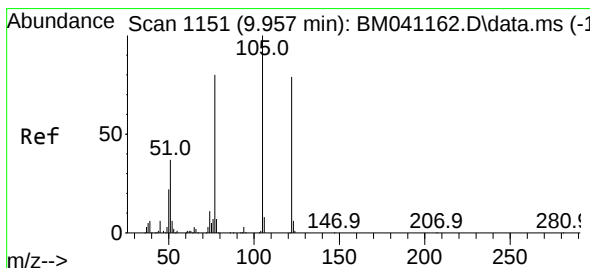
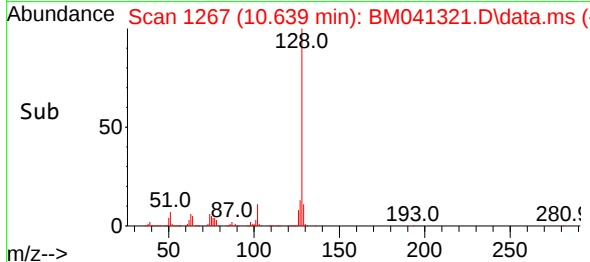
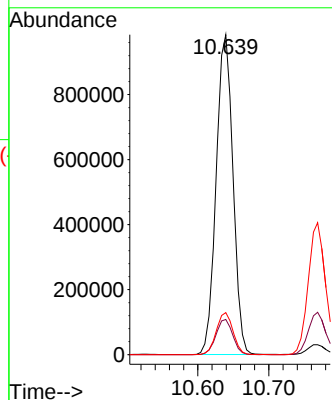
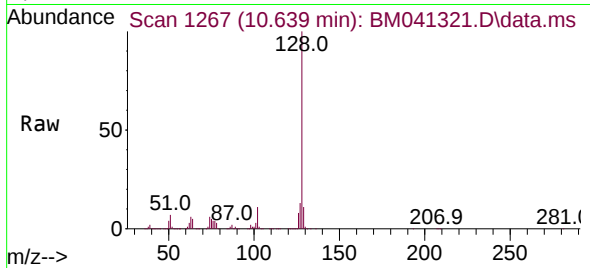




#31
Naphthalene
Concen: 36.883 ng
RT: 10.639 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

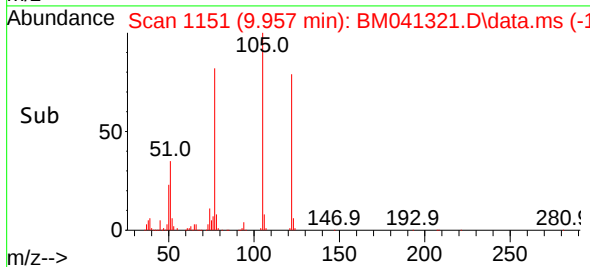
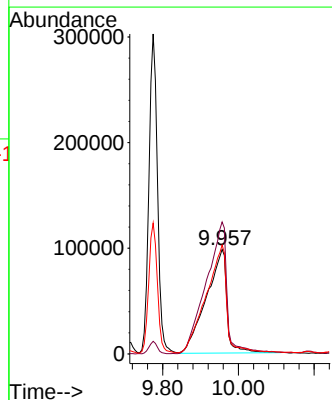
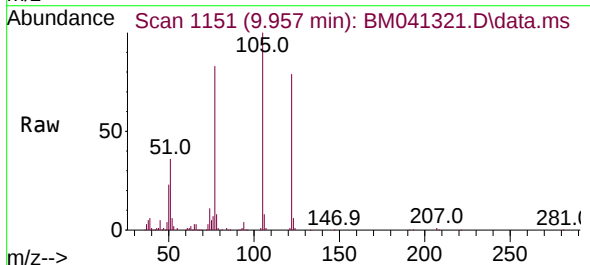
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

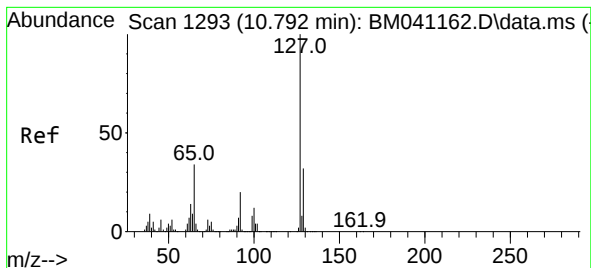
Tgt Ion:128 Resp: 1620196
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 41.880 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:122 Resp: 371139
Ion Ratio Lower Upper
122 100
105 126.5 104.0 144.0
77 104.4 79.9 119.9

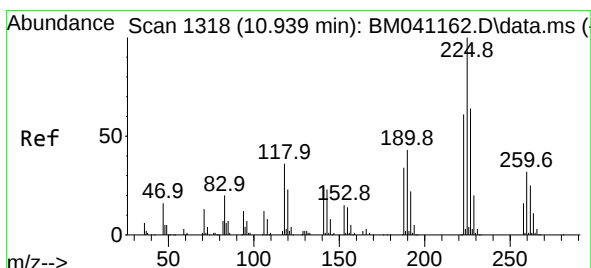
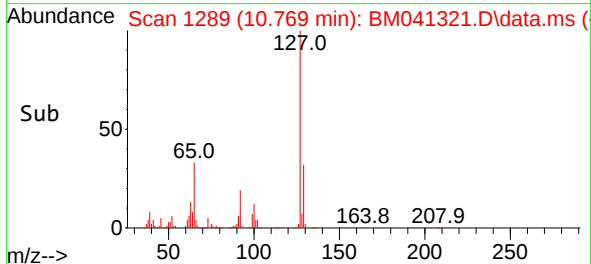
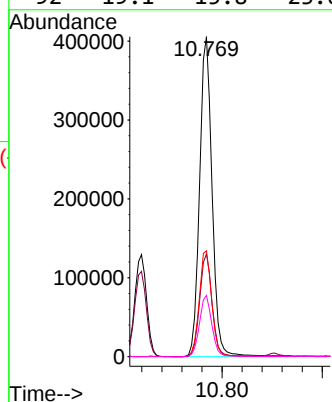
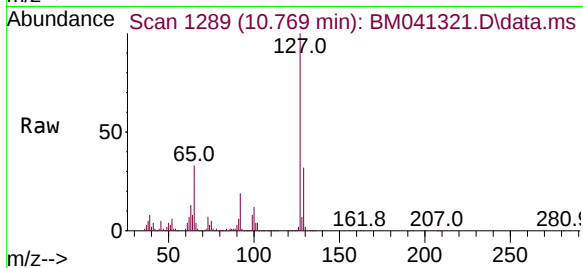




#33
4-Chloroaniline
Concen: 39.868 ng
RT: 10.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

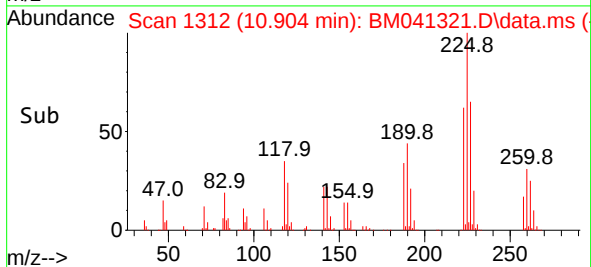
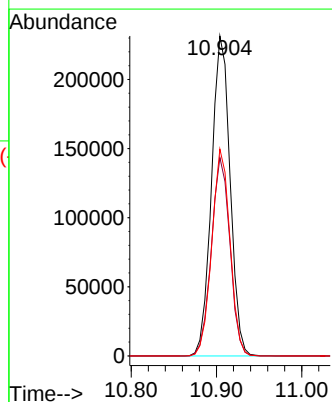
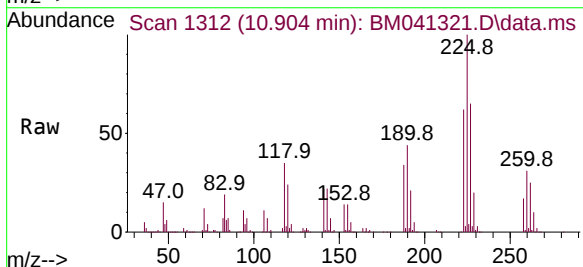
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

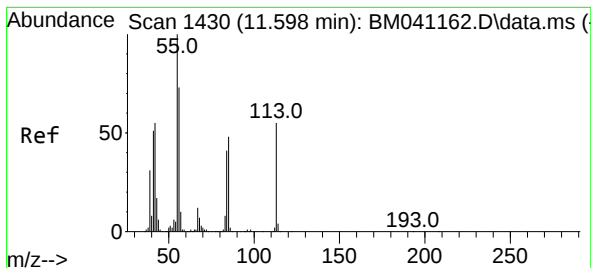
Tgt Ion:	127	Resp:	699898
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	33.1	26.9	40.3
92	19.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 43.145 ng
RT: 10.904 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:	225	Resp:	350100
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.4
227	64.6	50.8	76.2

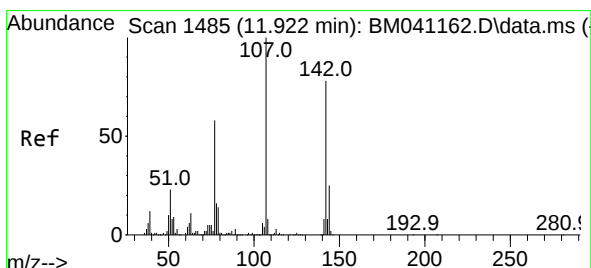
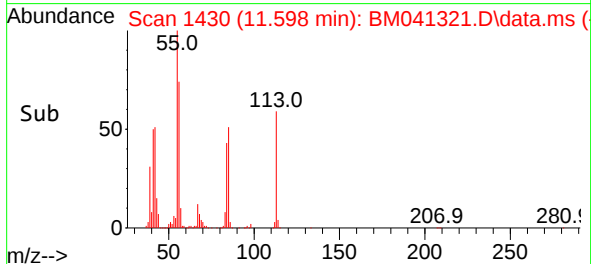
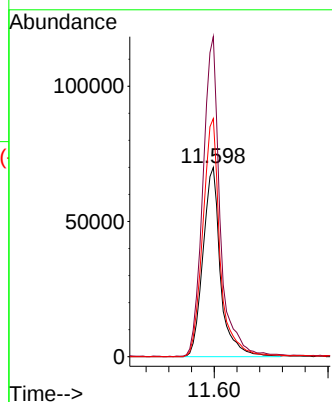
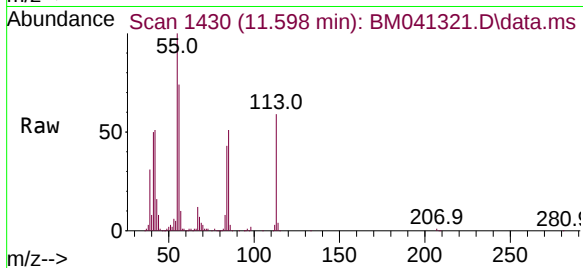




#35
 Caprolactam
 Concen: 42.442 ng
 RT: 11.598 min Scan# 1430
 Delta R.T. 0.006 min
 Lab File: BM041321.D
 Acq: 08 Aug 2023 08:56

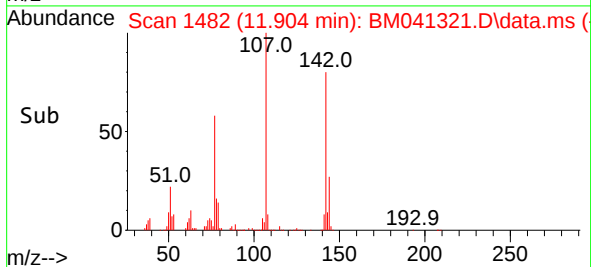
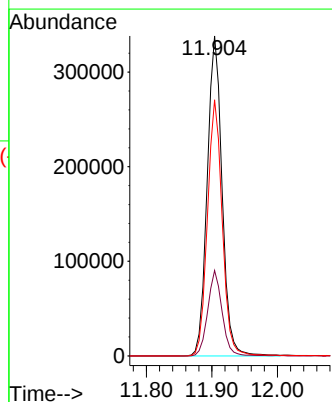
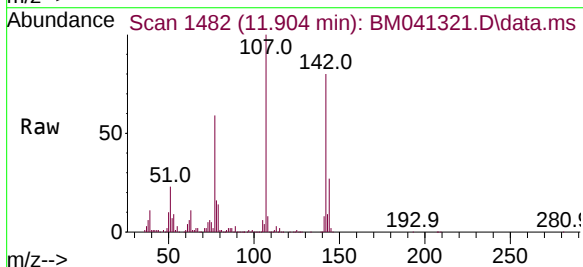
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

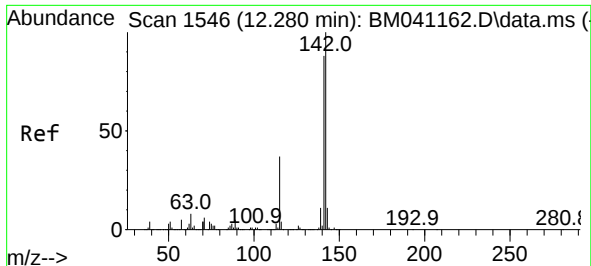
Tgt Ion:113 Resp: 149929
 Ion Ratio Lower Upper
 113 100
 55 169.2 162.5 202.5
 56 125.8 114.1 154.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.416 ng
 RT: 11.904 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BM041321.D
 Acq: 08 Aug 2023 08:56

Tgt Ion:107 Resp: 532317
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.1 30.1
 142 80.0 62.2 93.4

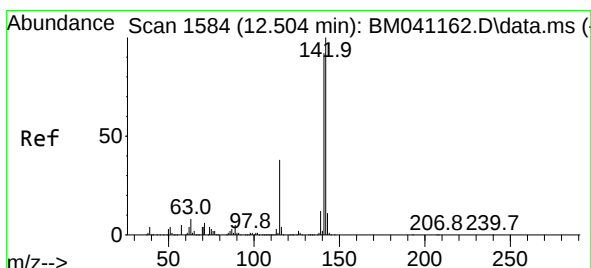
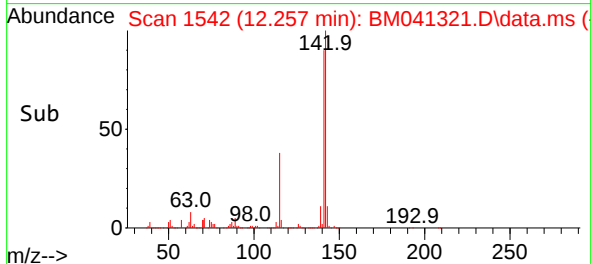
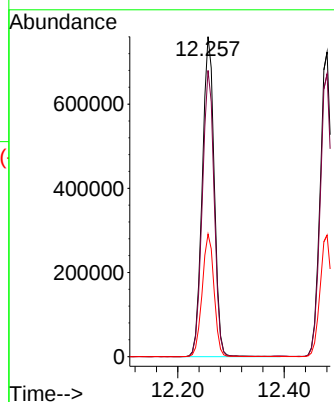
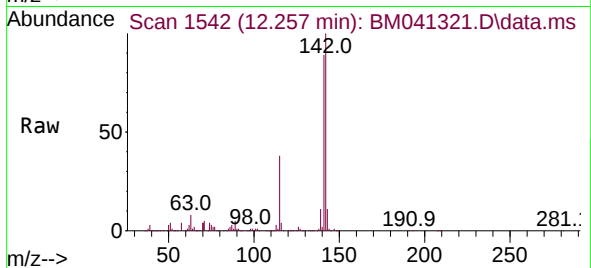




#37
2-Methylnaphthalene
Concen: 39.854 ng
RT: 12.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

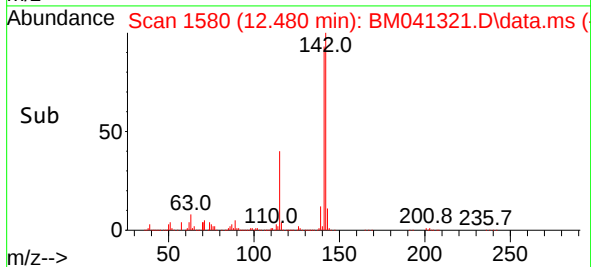
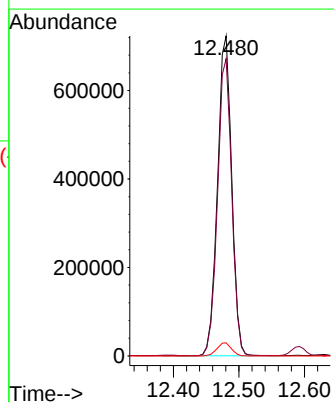
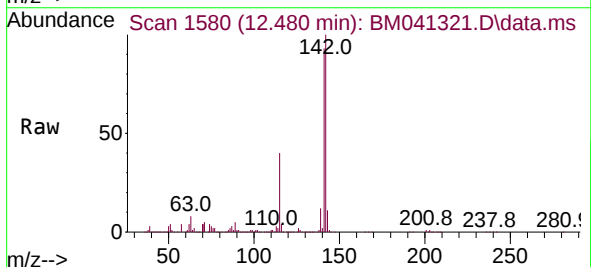
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

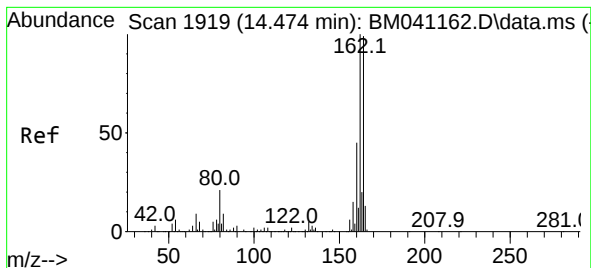
Tgt Ion:142 Resp: 1180297
Ion Ratio Lower Upper
142 100
141 89.4 70.7 106.1
115 38.3 29.3 43.9



#38
1-Methylnaphthalene
Concen: 39.346 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:142 Resp: 1090623
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.2
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

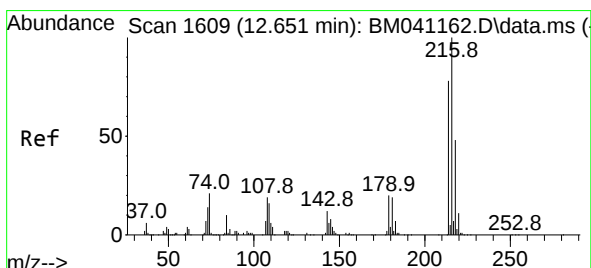
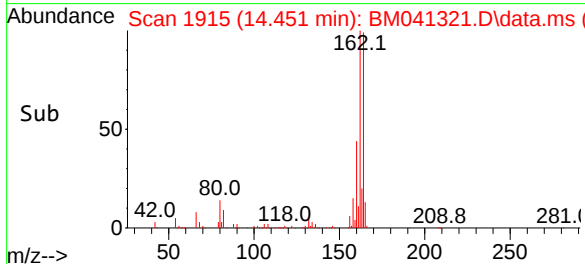
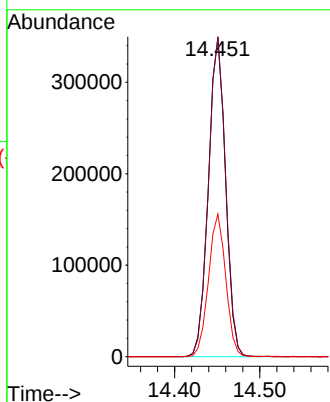
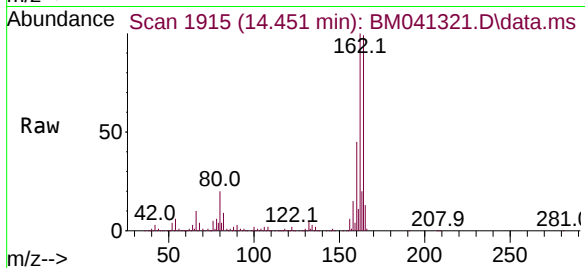
Tgt Ion:164 Resp: 486925

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

160 44.8 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.863 ng

RT: 12.627 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Tgt Ion:216 Resp: 614466

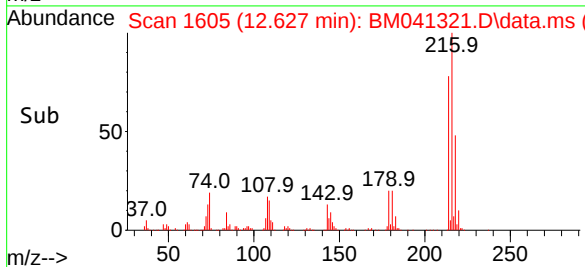
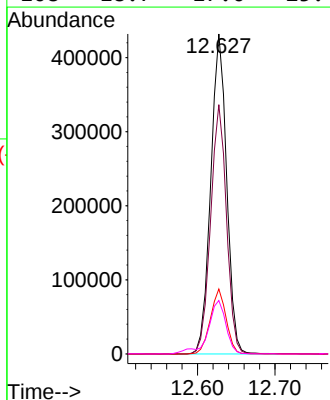
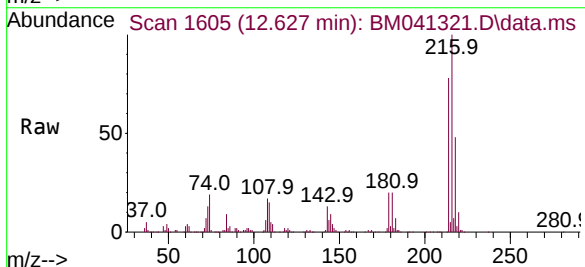
Ion Ratio Lower Upper

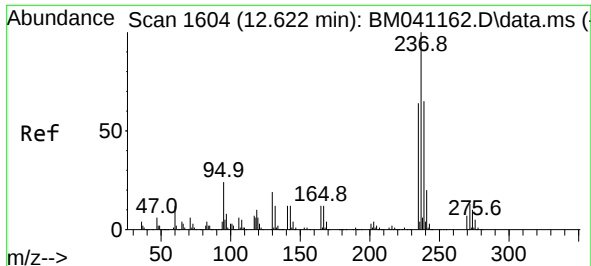
216 100

214 77.9 63.2 94.8

179 20.1 16.2 24.2

108 18.7 17.0 25.4

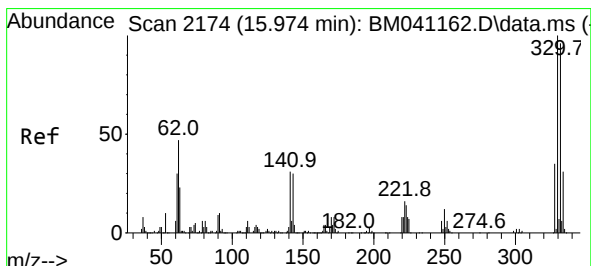
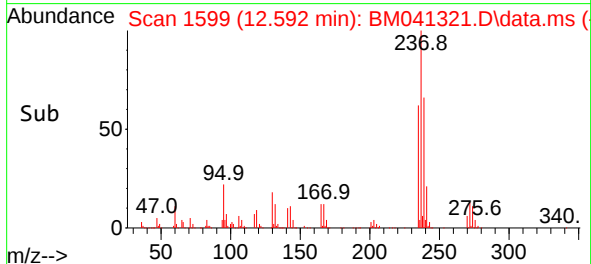
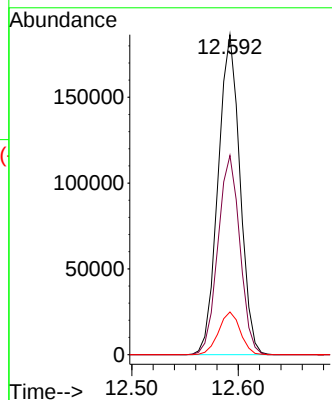
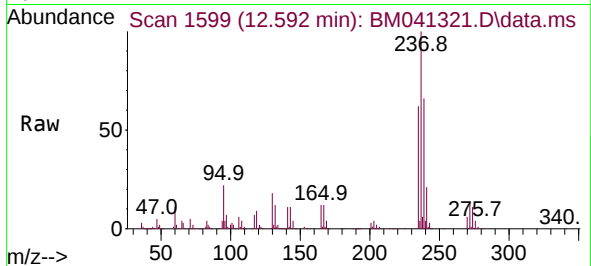




#41
Hexachlorocyclopentadiene
Concen: 31.815 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

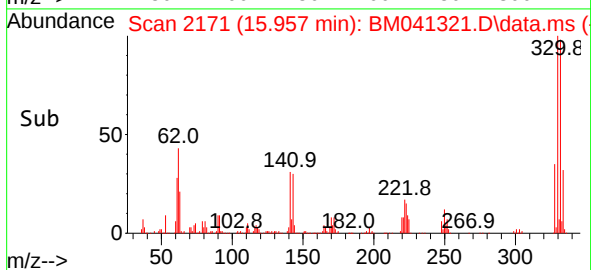
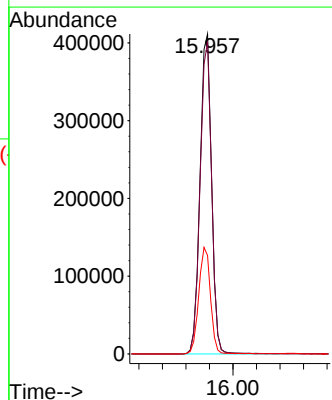
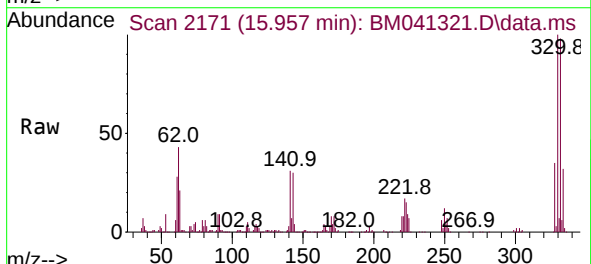
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

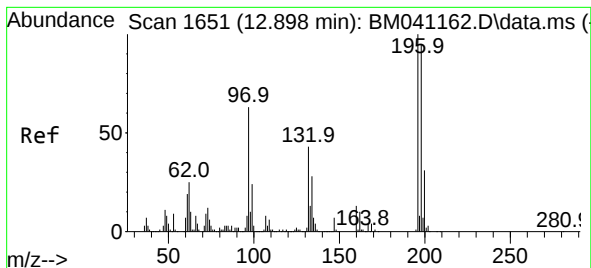
Tgt Ion:237 Resp: 266126
Ion Ratio Lower Upper
237 100
235 62.2 43.6 83.6
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 81.260 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:330 Resp: 559665
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 33.7 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 41.213 ng

RT: 12.880 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

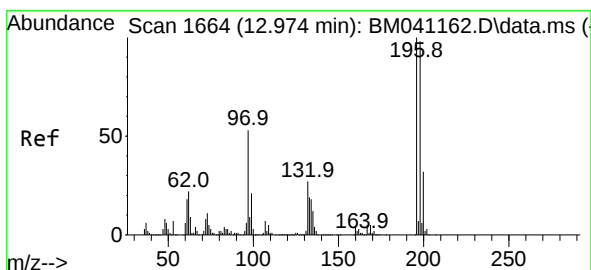
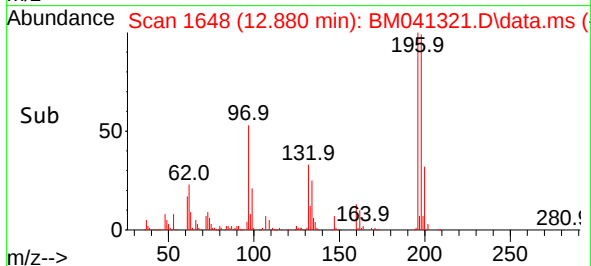
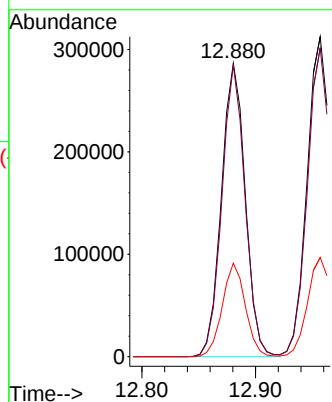
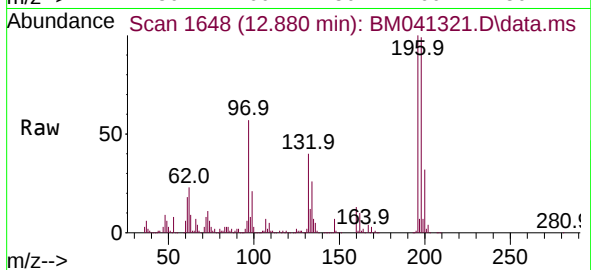
Tgt Ion:196 Resp: 417647

Ion Ratio Lower Upper

196 100

198 99.3 76.2 114.4

200 31.9 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 41.598 ng

RT: 12.957 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Tgt Ion:196 Resp: 487917

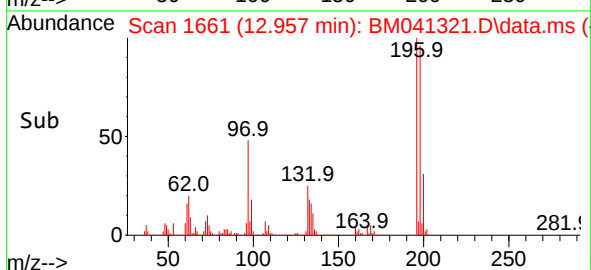
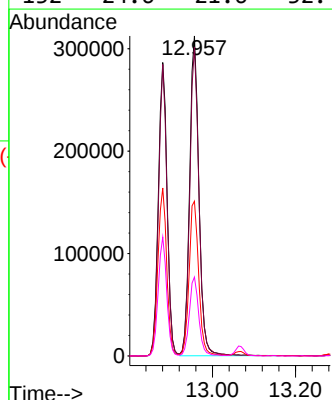
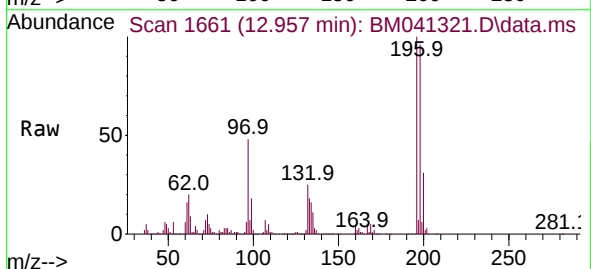
Ion Ratio Lower Upper

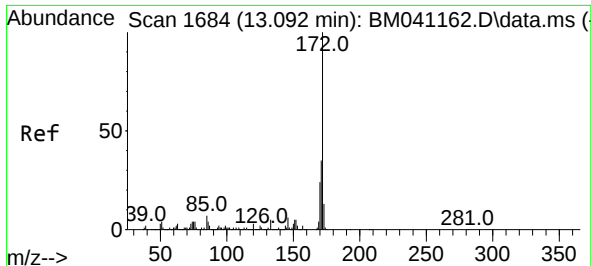
196 100

198 96.4 78.2 117.4

97 48.3 42.7 64.1

132 24.6 21.6 32.4

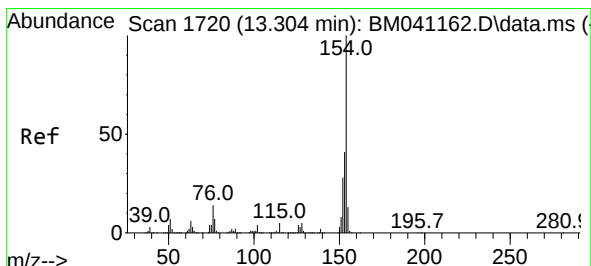
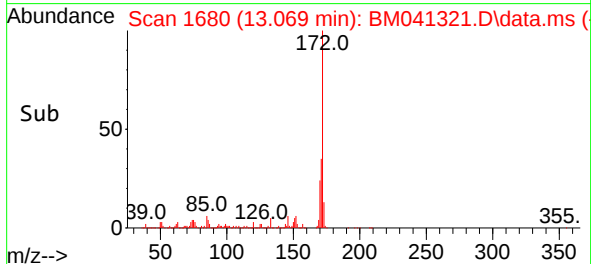
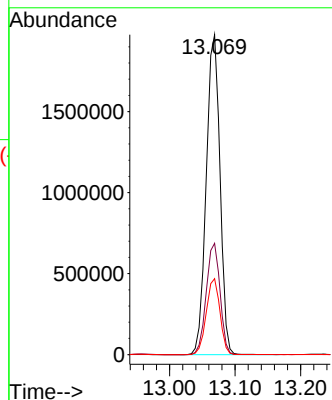
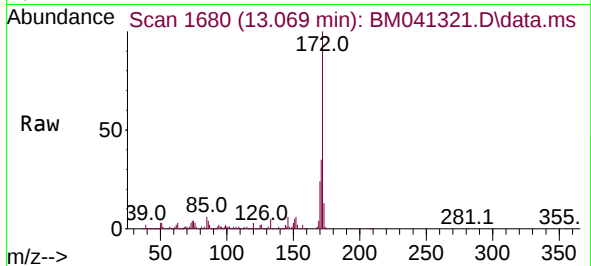




#45
2-Fluorobiphenyl
Concen: 74.283 ng
RT: 13.069 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

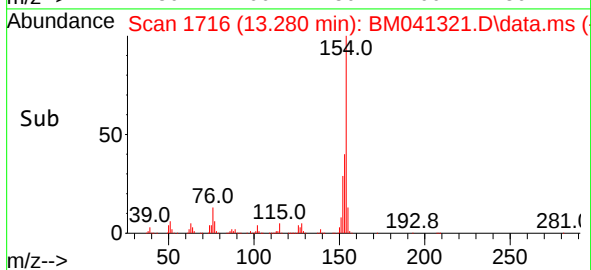
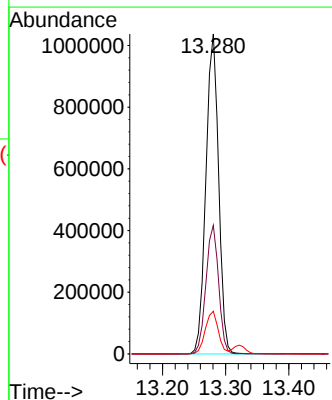
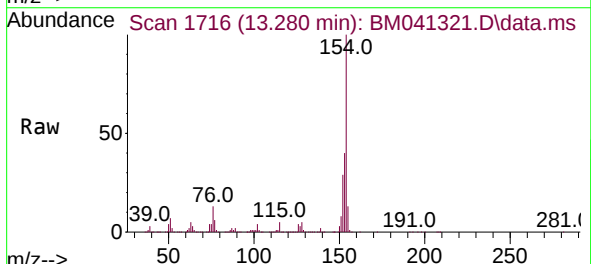
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

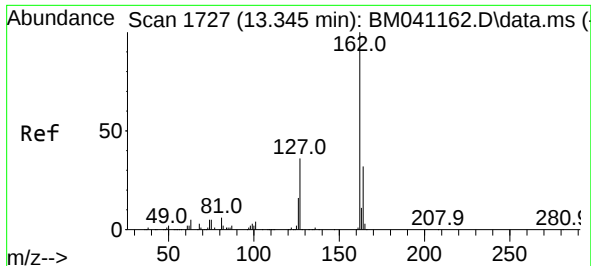
Tgt Ion:172 Resp: 2863288
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 36.642 ng
RT: 13.280 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:154 Resp: 1446430
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 13.3 0.0 34.1

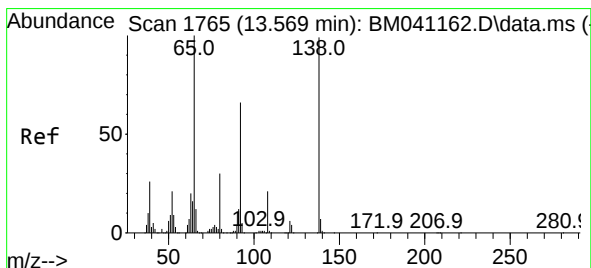
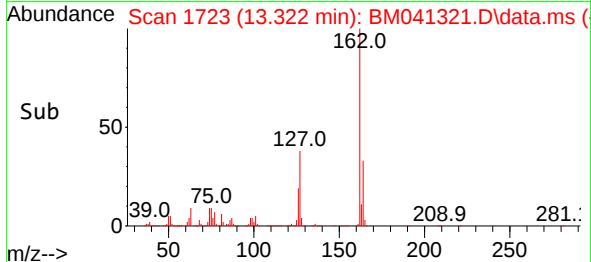
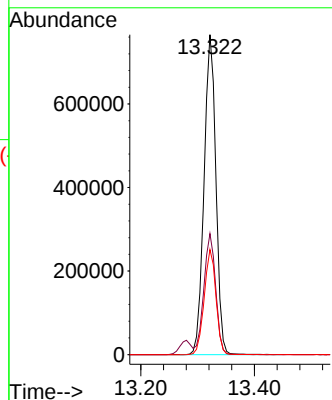
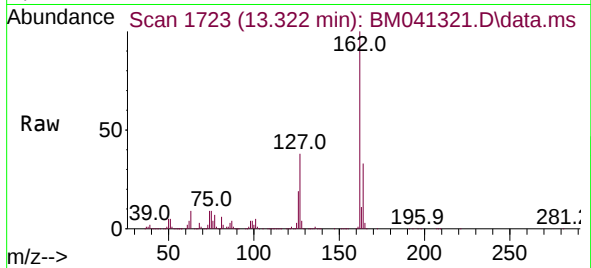




#47
2-Chloronaphthalene
Concen: 37.625 ng
RT: 13.322 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

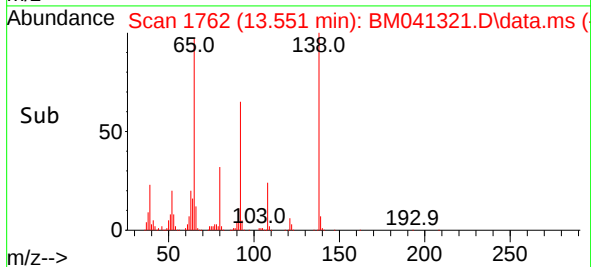
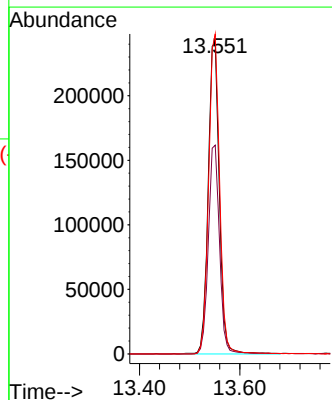
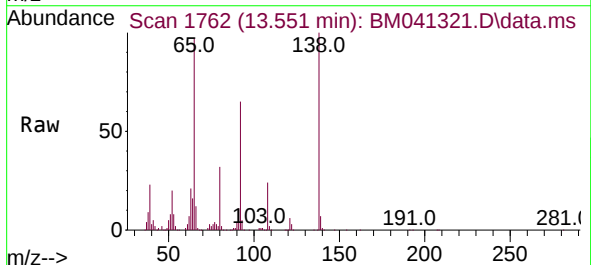
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

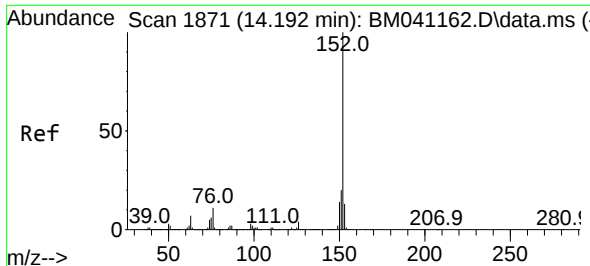
Tgt Ion:162 Resp: 1108987
Ion Ratio Lower Upper
162 100
127 37.8 30.6 45.8
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 39.583 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion: 65 Resp: 372402
Ion Ratio Lower Upper
65 100
92 67.1 53.0 79.4
138 102.9 79.1 118.7

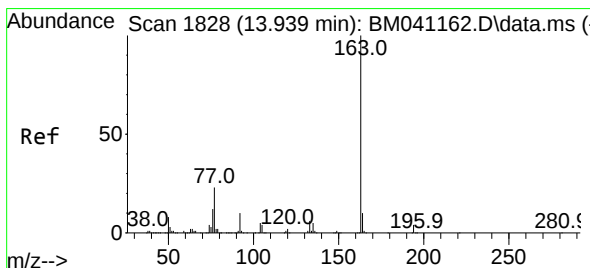
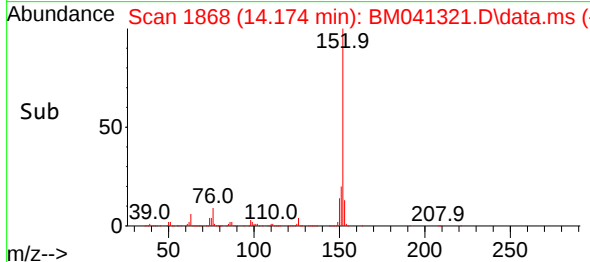
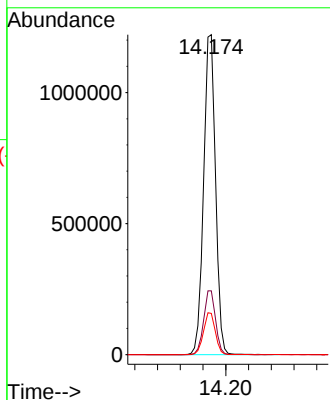
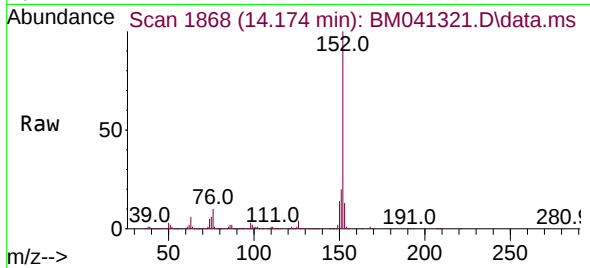




#49
Acenaphthylene
Concen: 37.429 ng
RT: 14.174 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

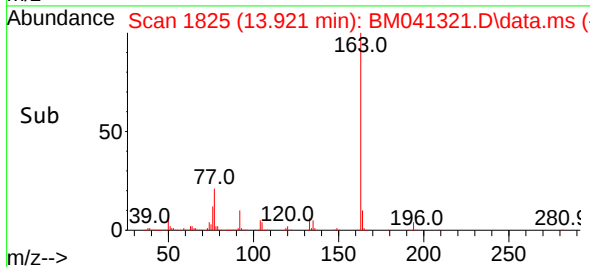
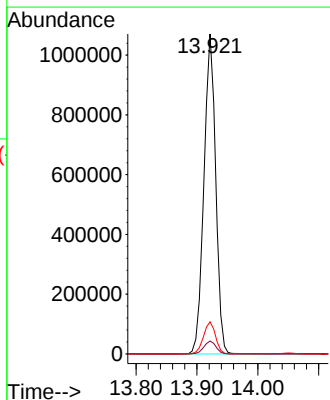
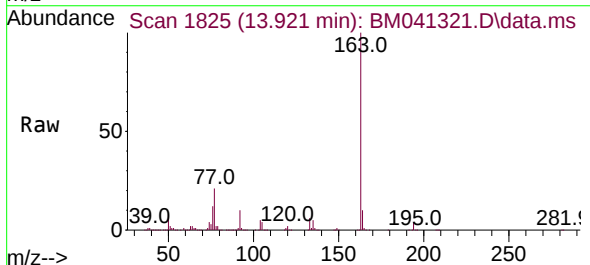
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

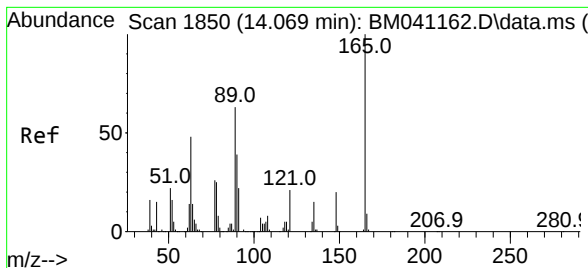
Tgt Ion:152 Resp: 1780628
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 39.094 ng
RT: 13.921 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:163 Resp: 1431897
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.3 12.5

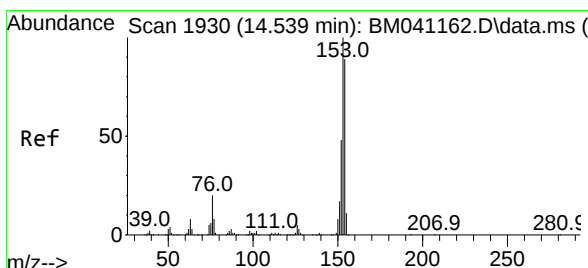
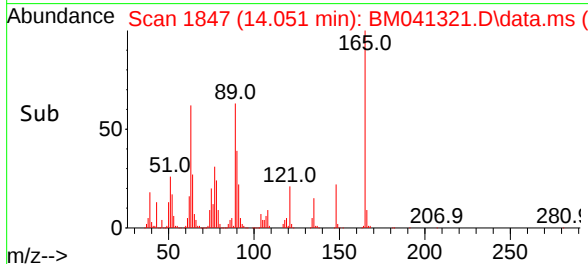
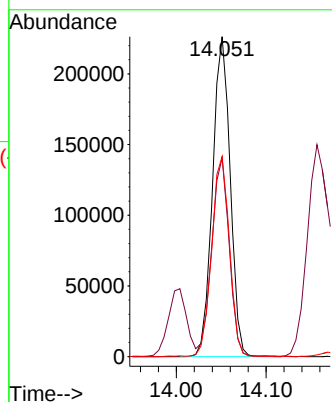
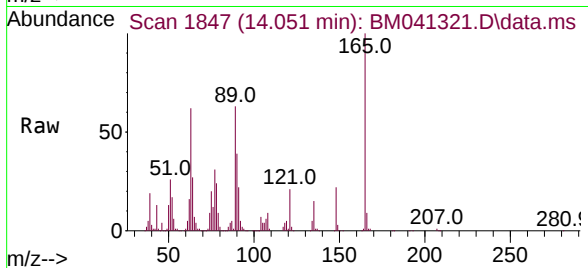




#51
2,6-Dinitrotoluene
Concen: 40.665 ng
RT: 14.051 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

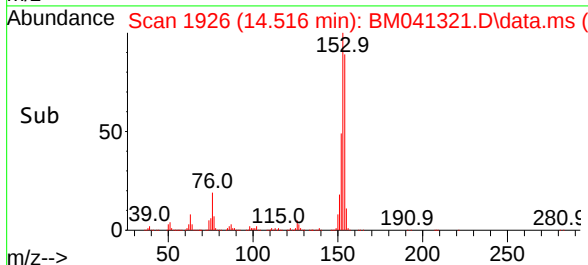
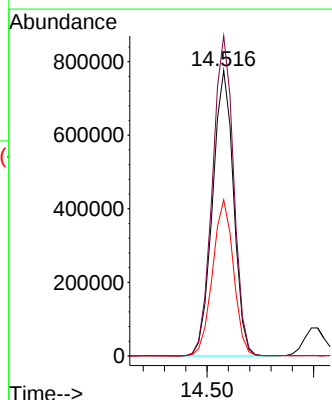
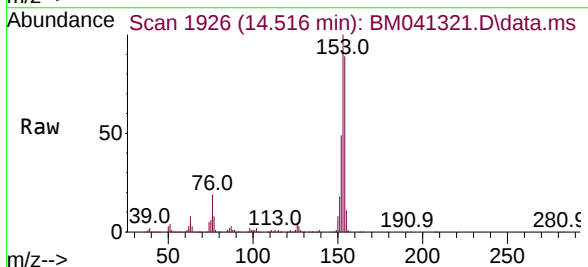
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

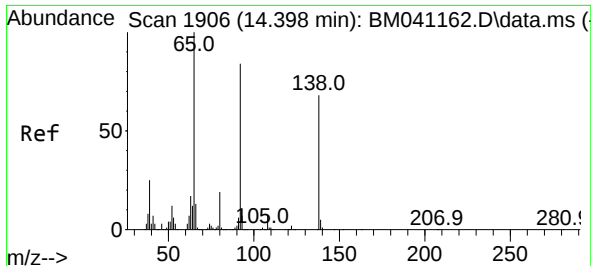
Tgt Ion:165 Resp: 308616
Ion Ratio Lower Upper
165 100
63 62.1 50.9 76.3
89 62.5 50.6 76.0



#52
Acenaphthene
Concen: 37.162 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:154 Resp: 1065056
Ion Ratio Lower Upper
154 100
153 112.2 90.2 135.4
152 54.7 43.4 65.0

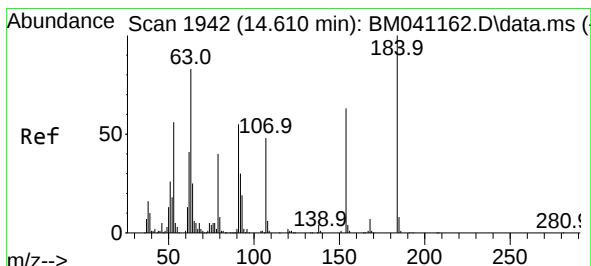
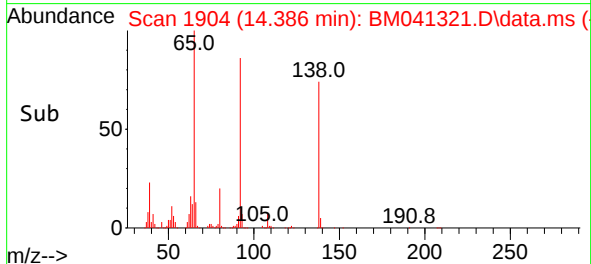
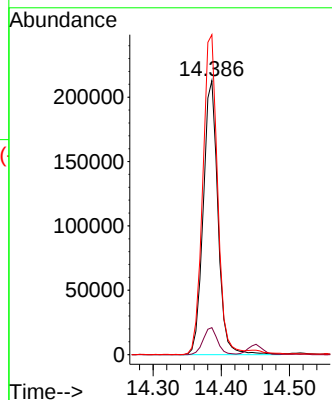
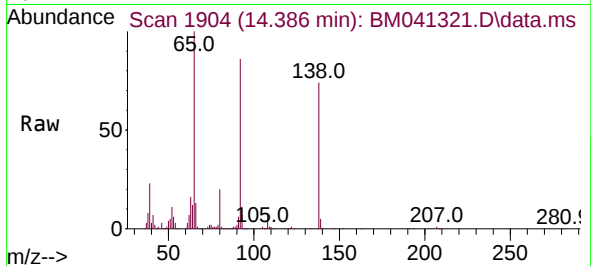




#53
3-Nitroaniline
Concen: 37.016 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

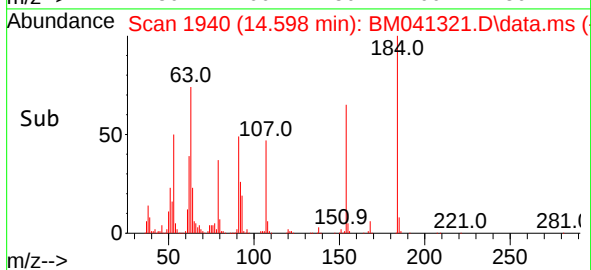
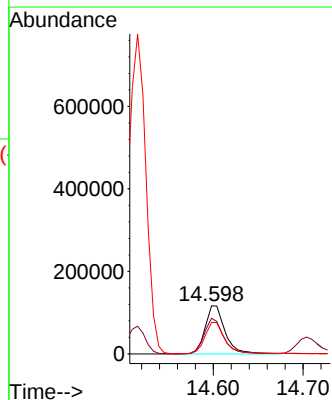
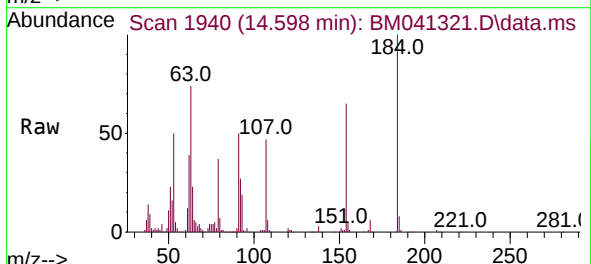
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

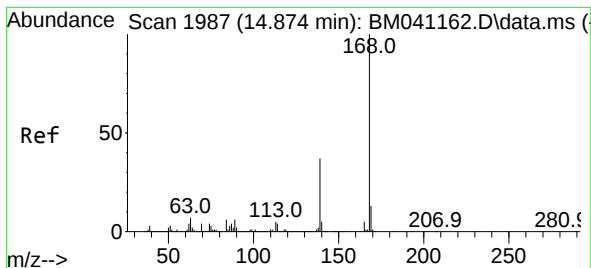
Tgt Ion:138 Resp: 319600
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 116.8 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 38.355 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:184 Resp: 179776
Ion Ratio Lower Upper
184 100
63 73.9 66.5 99.7
154 65.2 52.8 79.2





#55

Dibenzofuran

Concen: 37.176 ng

RT: 14.851 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

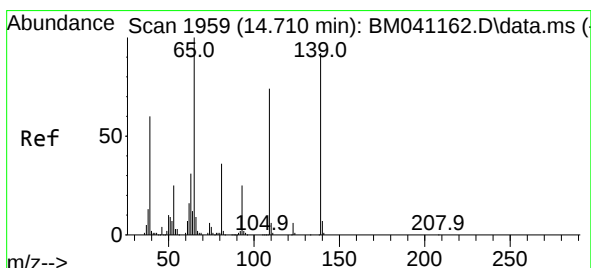
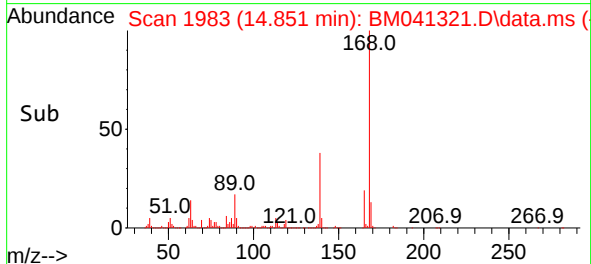
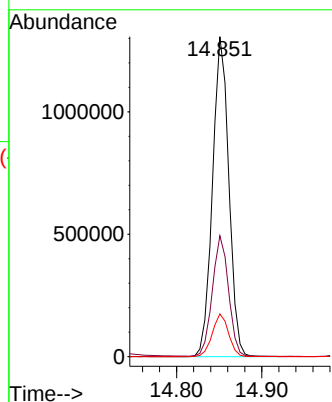
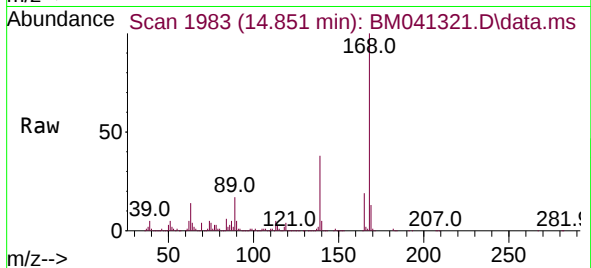
Tgt Ion:168 Resp: 1738366

Ion Ratio Lower Upper

168 100

139 37.8 29.8 44.6

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 35.911 ng

RT: 14.704 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

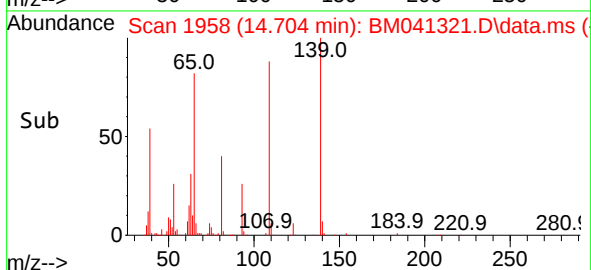
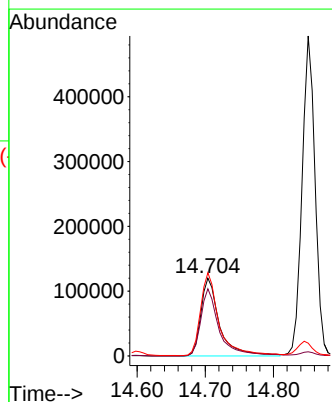
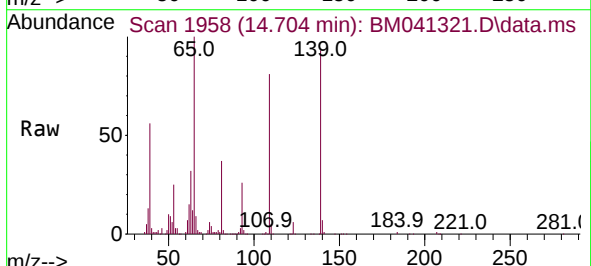
Tgt Ion:139 Resp: 227136

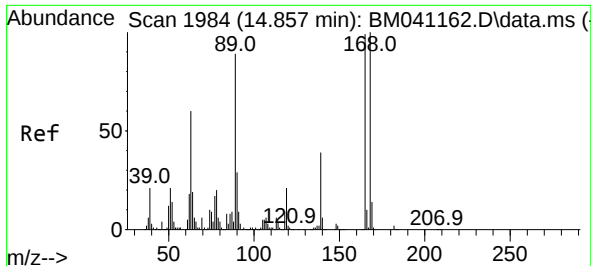
Ion Ratio Lower Upper

139 100

109 86.4 61.2 101.2

65 107.1 89.5 129.5

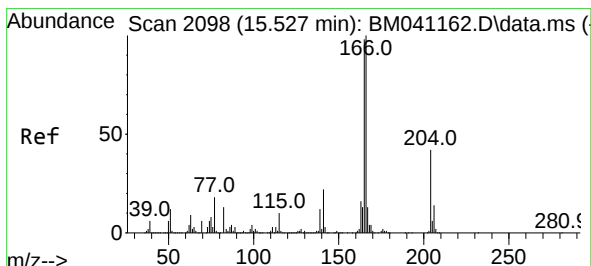
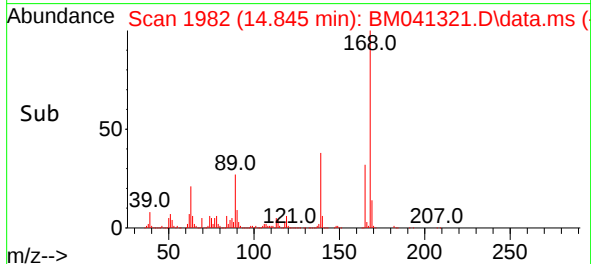
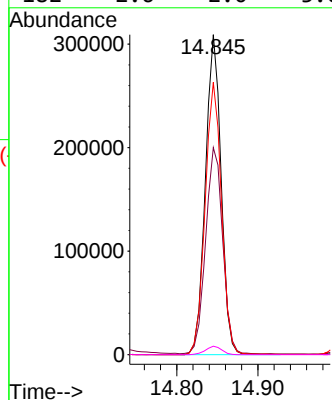
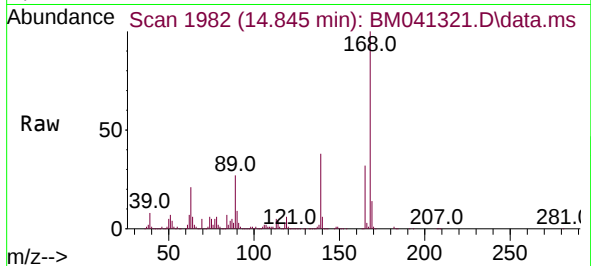




#57
2,4-Dinitrotoluene
Concen: 38.935 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

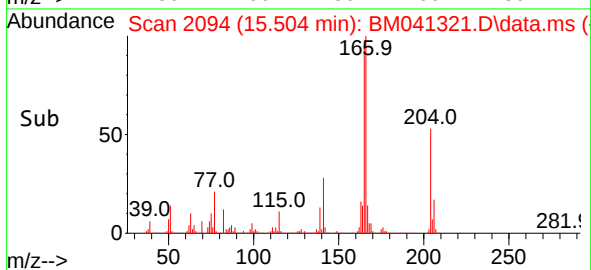
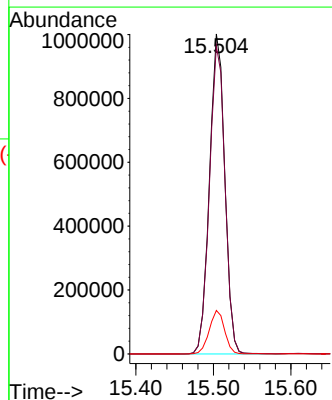
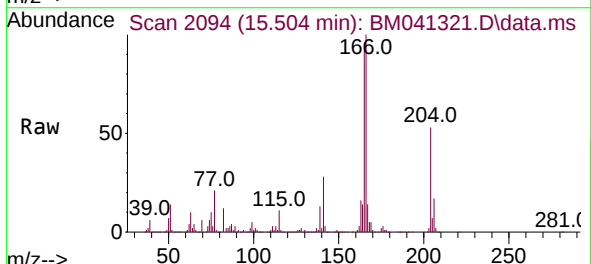
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

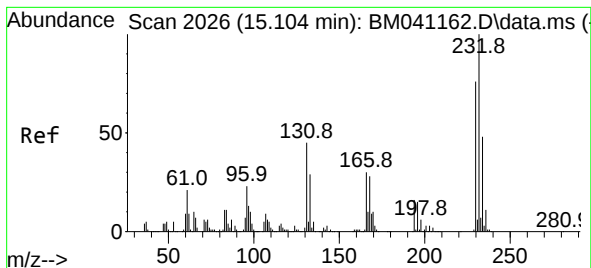
Tgt Ion:165 Resp: 416187
Ion Ratio Lower Upper
165 100
63 64.7 48.3 72.5
89 85.1 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 37.234 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:166 Resp: 1373495
Ion Ratio Lower Upper
166 100
165 96.3 78.2 117.4
167 13.6 10.6 16.0

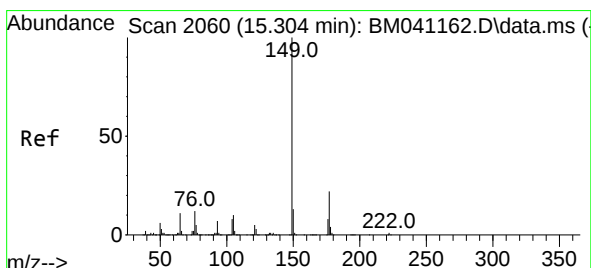
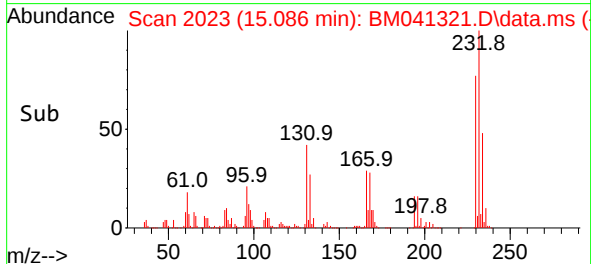
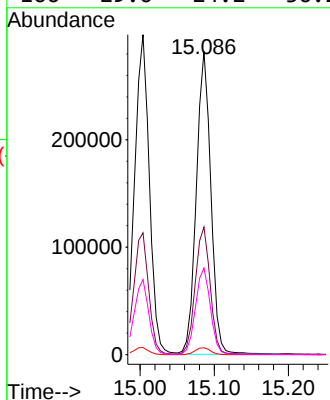
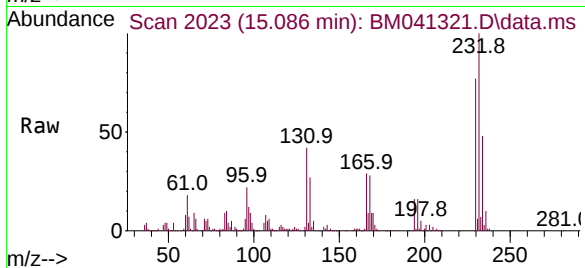




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.548 ng
RT: 15.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

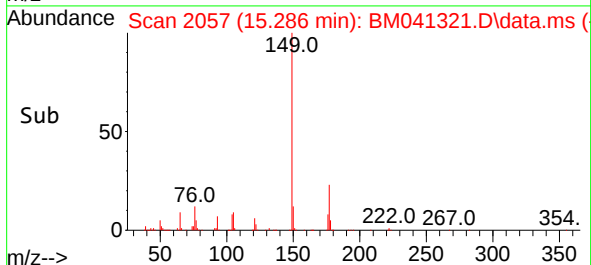
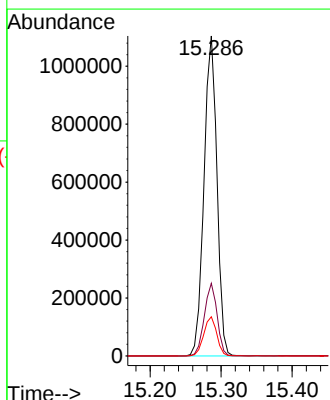
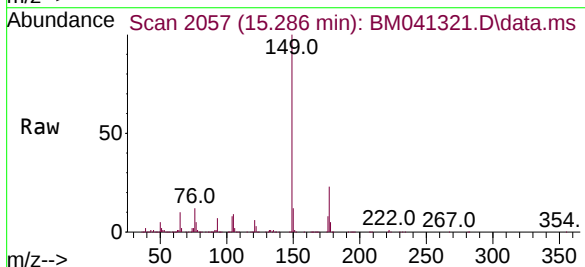
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

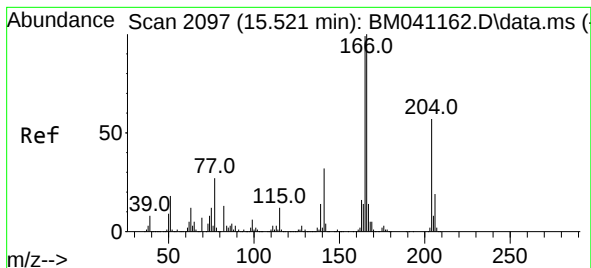
Tgt Ion:232 Resp: 385121
Ion Ratio Lower Upper
232 100
131 43.4 36.9 55.3
130 2.4 2.0 3.0
166 29.6 24.2 36.2



#60
Diethylphthalate
Concen: 39.272 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:149 Resp: 1391031
Ion Ratio Lower Upper
149 100
177 22.7 17.5 26.3
150 12.2 10.1 15.1

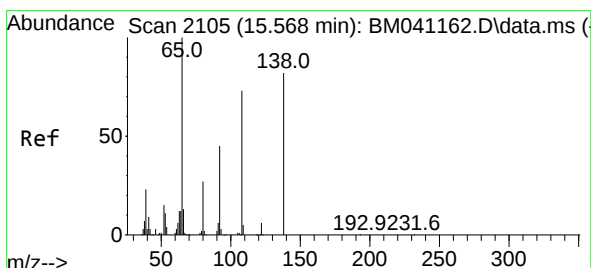
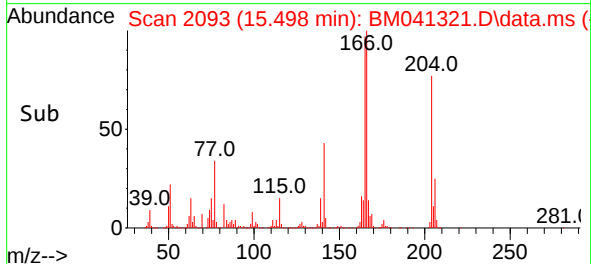
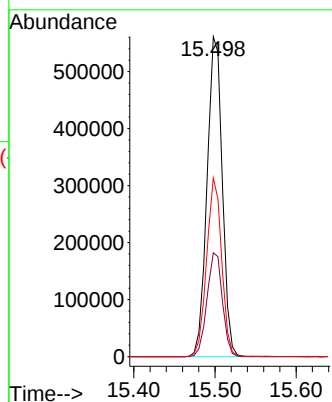
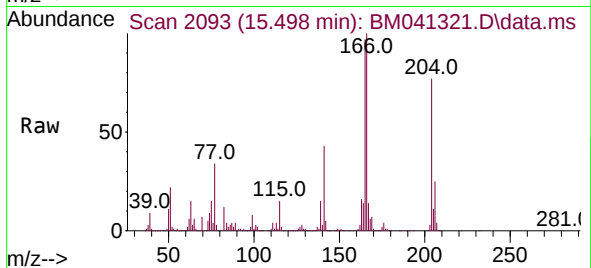




#61
4-Chlorophenyl-phenylether
Concen: 39.690 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

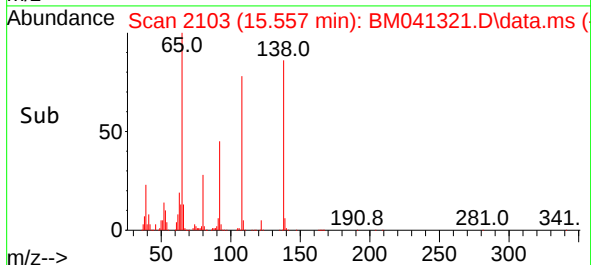
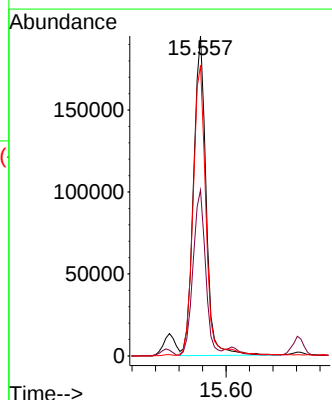
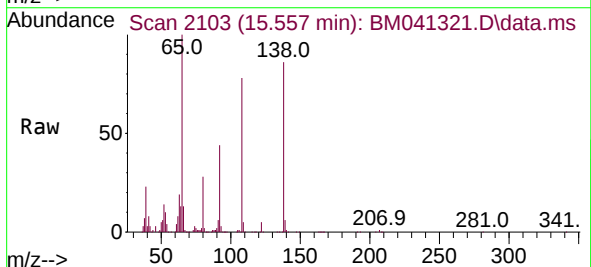
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

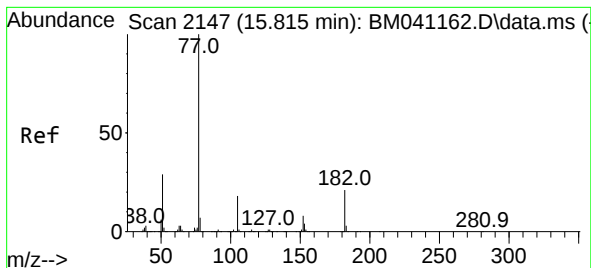
Tgt Ion:204 Resp: 733666
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 55.8 44.8 67.2



#62
4-Nitroaniline
Concen: 36.794 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:138 Resp: 289242
Ion Ratio Lower Upper
138 100
92 51.9 35.1 75.1
108 90.7 67.8 107.8





#63

Azobenzene

Concen: 37.179 ng

RT: 15.792 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1442522

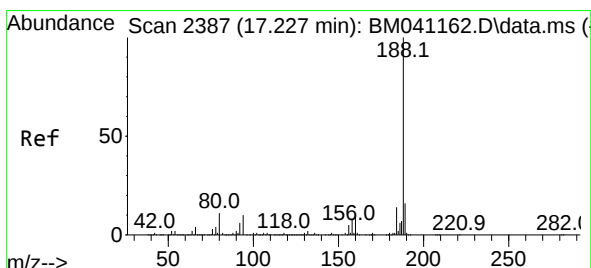
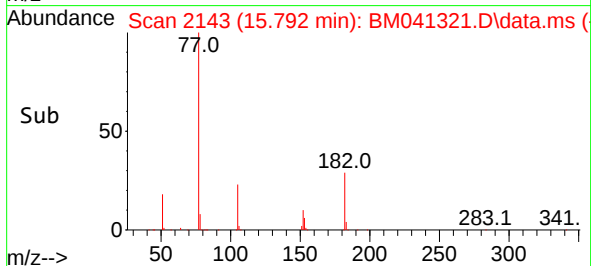
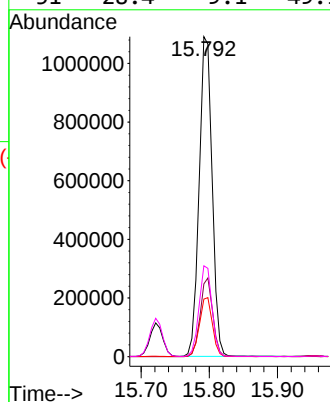
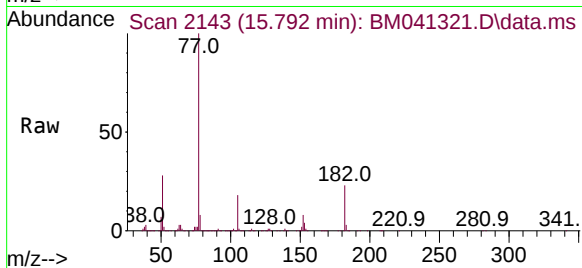
Ion Ratio Lower Upper

77 100

182 22.7 1.3 41.3

105 18.0 0.0 38.5

51 28.4 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

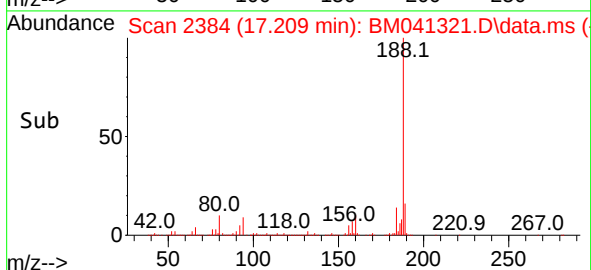
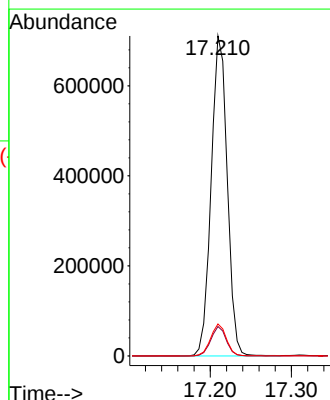
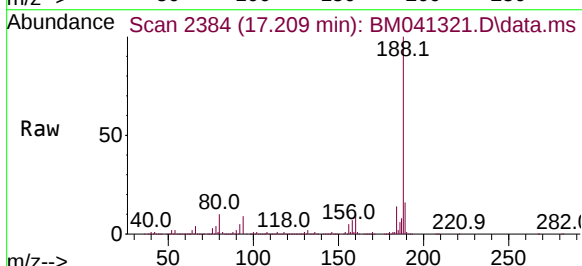
Tgt Ion:188 Resp: 980432

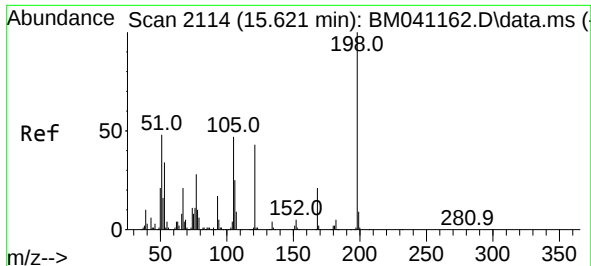
Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

80 10.0 8.6 13.0

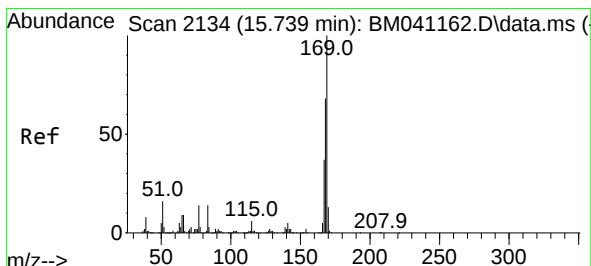
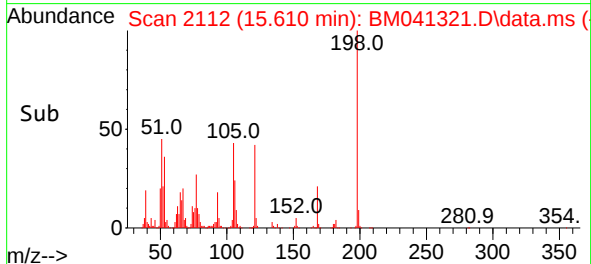
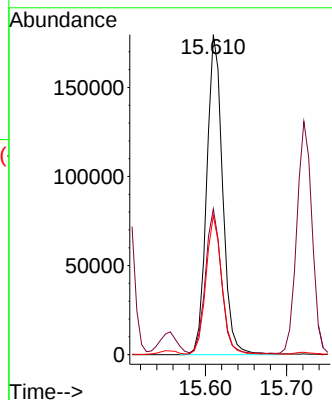
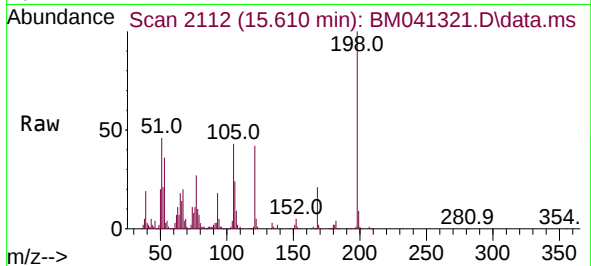




#65
4,6-Dinitro-2-methylphenol
Concen: 41.323 ng
RT: 15.610 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

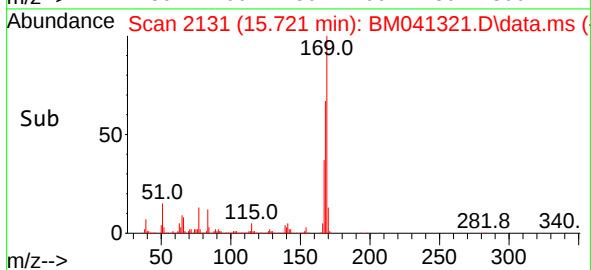
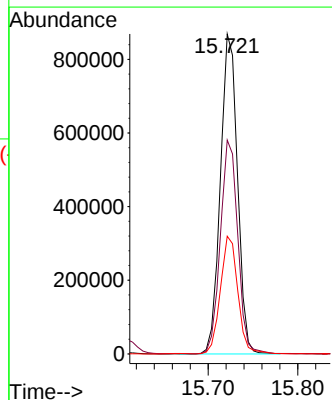
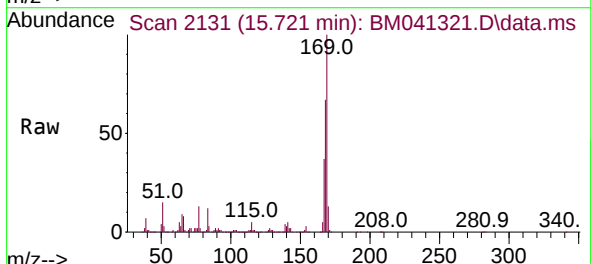
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

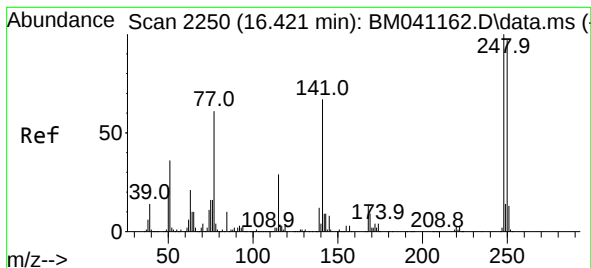
Tgt Ion:198 Resp: 245437
Ion Ratio Lower Upper
198 100
51 45.5 31.7 71.7
105 43.4 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 37.883 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:169 Resp: 1155122
Ion Ratio Lower Upper
169 100
168 66.8 54.6 81.8
167 36.8 29.9 44.9

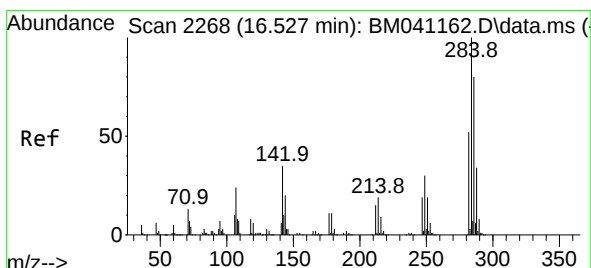
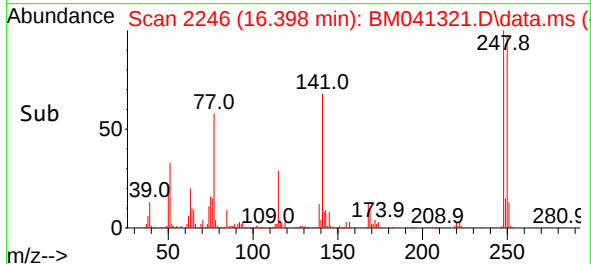
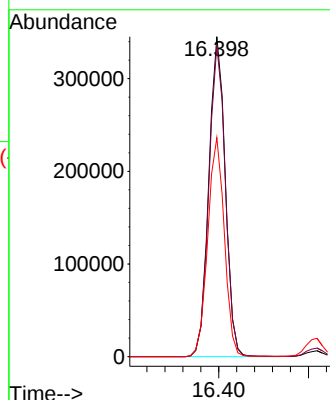
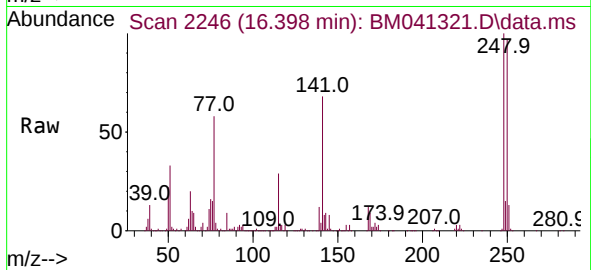




#67
4-Bromophenyl-phenylether
Concen: 41.058 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

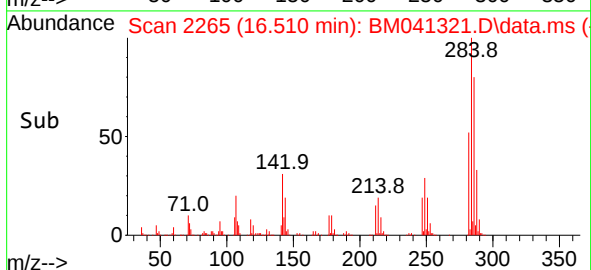
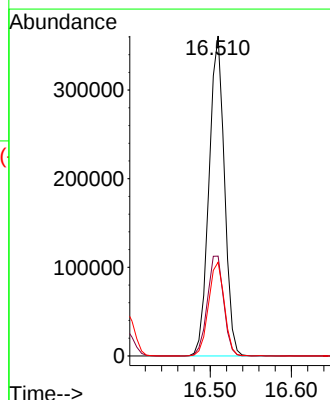
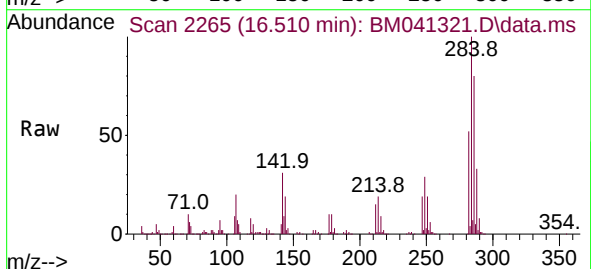
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

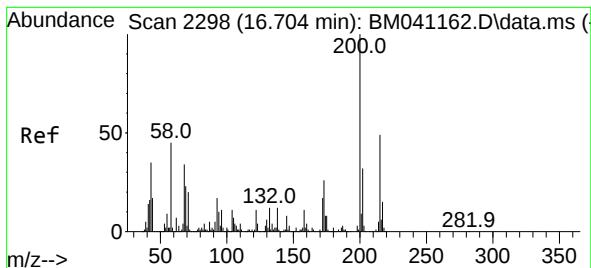
Tgt Ion:248 Resp: 441358
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 68.4 53.8 80.8



#68
Hexachlorobenzene
Concen: 39.991 ng
RT: 16.510 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:284 Resp: 478016
Ion Ratio Lower Upper
284 100
142 31.2 28.0 42.0
249 29.3 23.7 35.5





#69

Atrazine

Concen: 42.170 ng

RT: 16.686 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

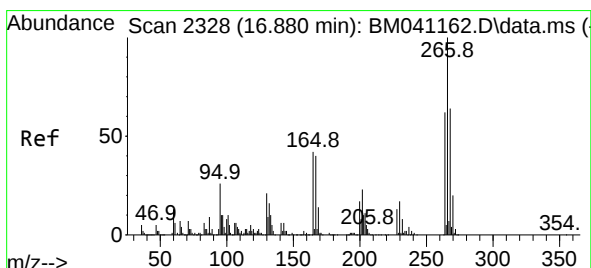
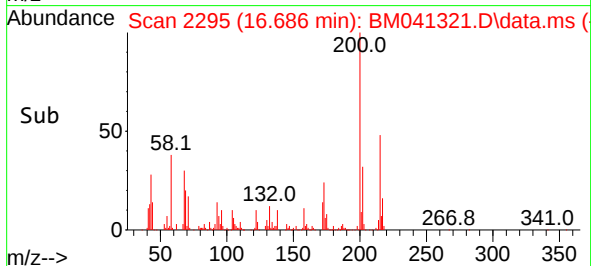
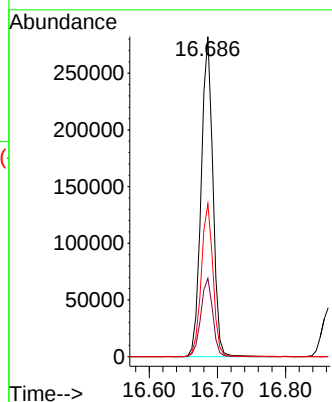
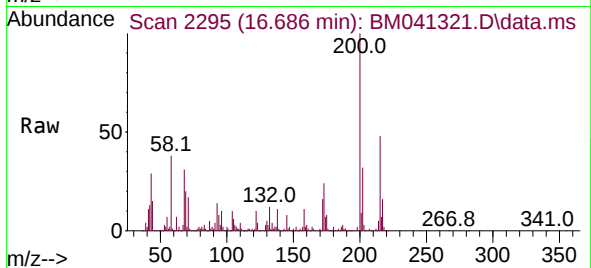
Tgt Ion:200 Resp: 337682

Ion Ratio Lower Upper

200 100

173 24.4 5.6 45.6

215 47.8 28.5 68.5



#70

Pentachlorophenol

Concen: 40.923 ng

RT: 16.862 min Scan# 2325

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

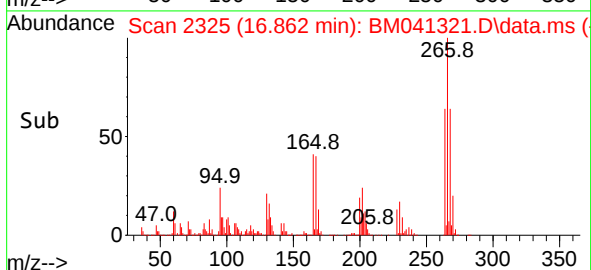
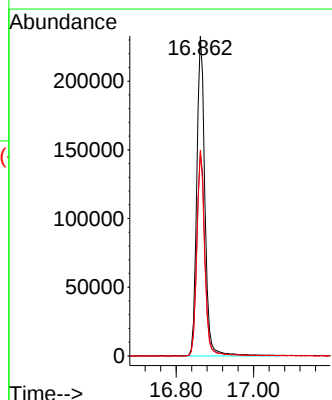
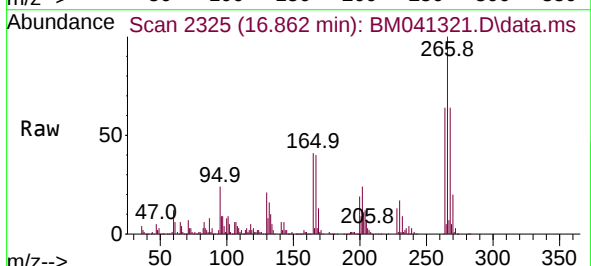
Tgt Ion:266 Resp: 338722

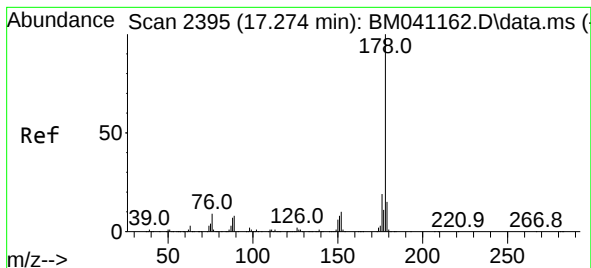
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

264 64.3 49.4 74.2





#71

Phenanthrene

Concen: 36.648 ng

RT: 17.257 min Scan# 2392

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

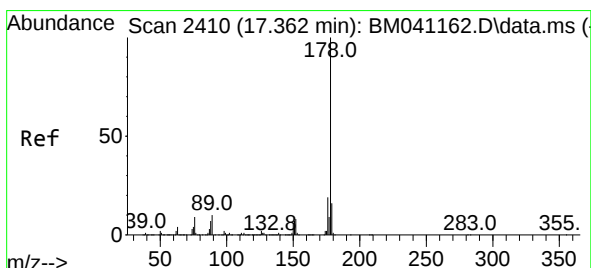
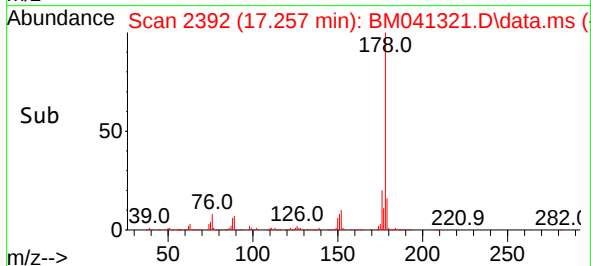
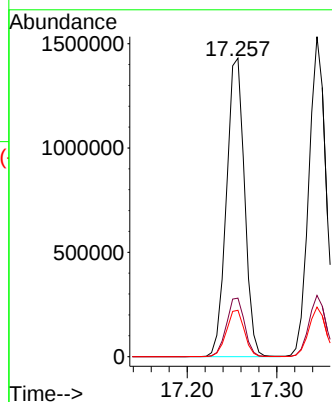
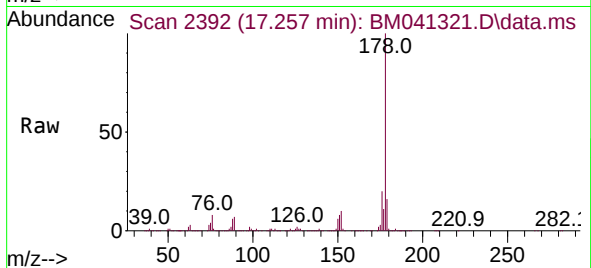
Tgt Ion:178 Resp: 1996340

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.5 12.1 18.1



#72

Anthracene

Concen: 37.965 ng

RT: 17.345 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

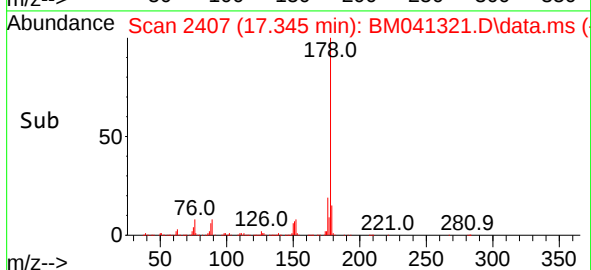
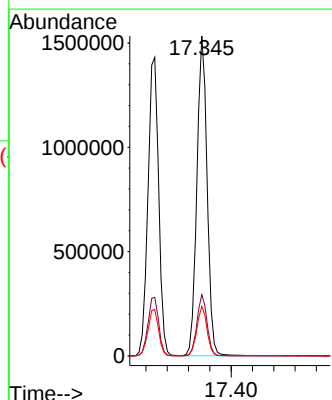
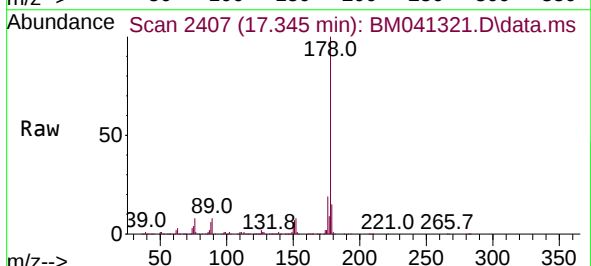
Tgt Ion:178 Resp: 2045369

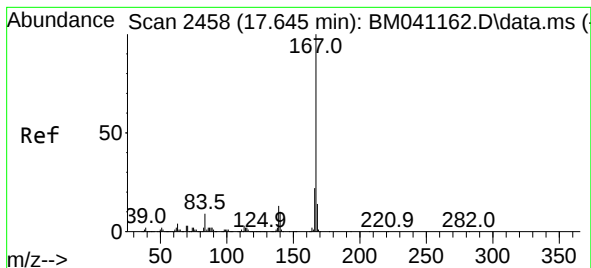
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 36.385 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

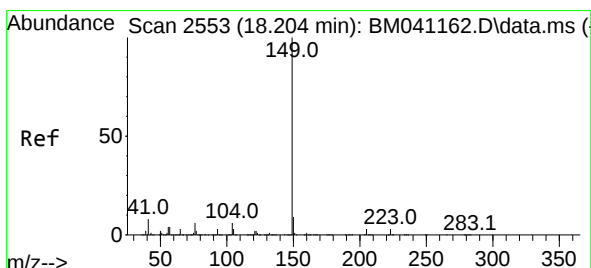
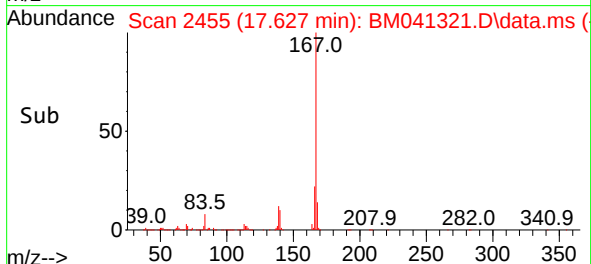
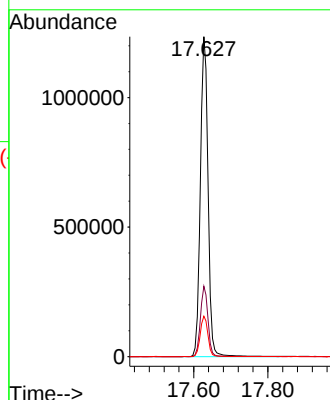
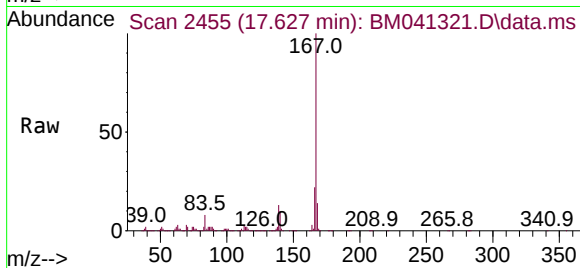
Tgt Ion:167 Resp: 1774242

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 12.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 40.034 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

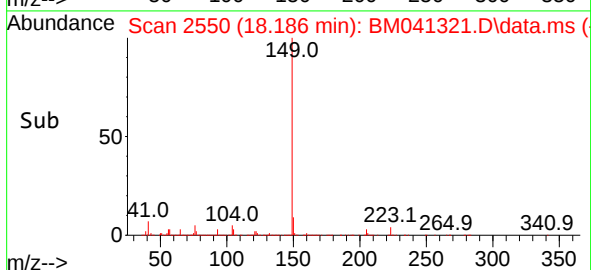
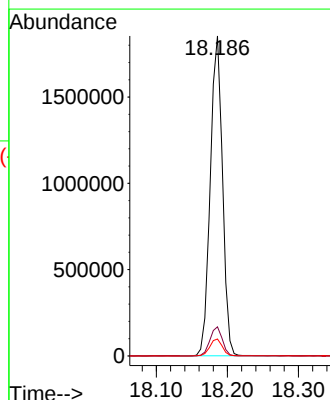
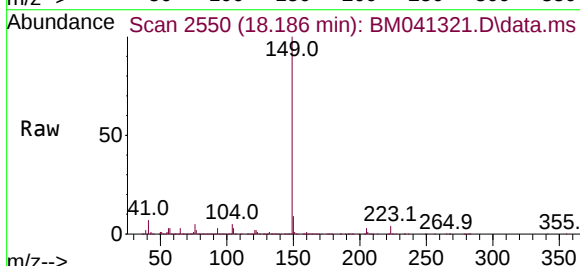
Tgt Ion:149 Resp: 2205959

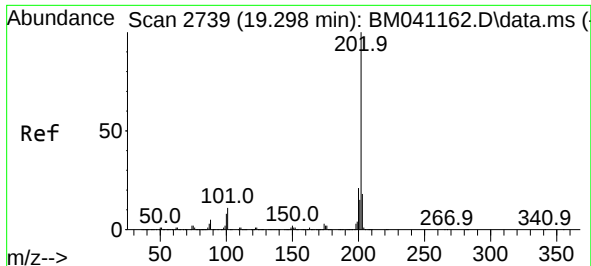
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.3 4.5 6.7

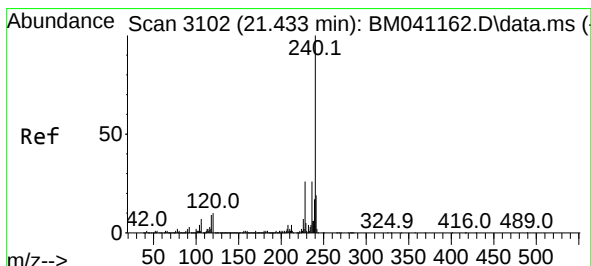
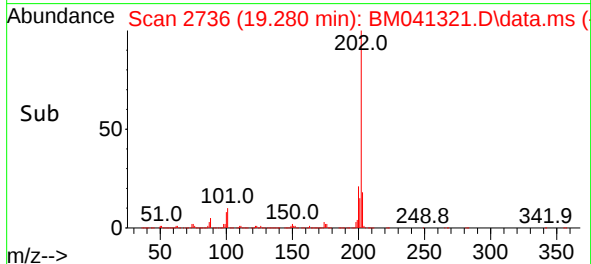
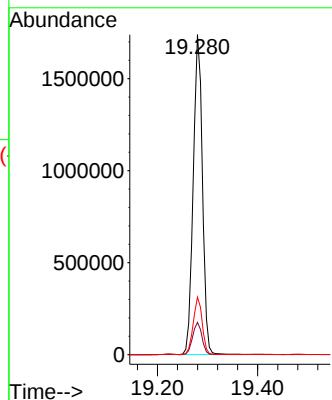
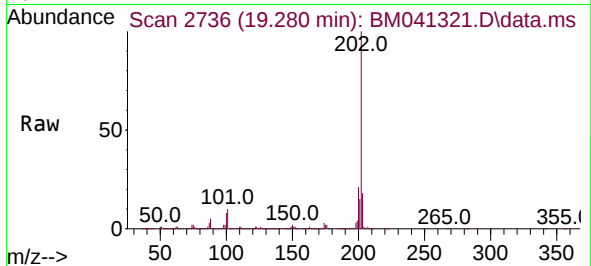




#75
Fluoranthene
Concen: 36.038 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

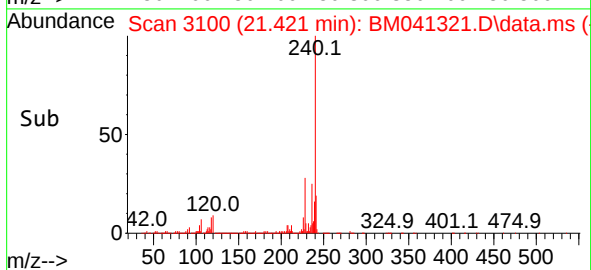
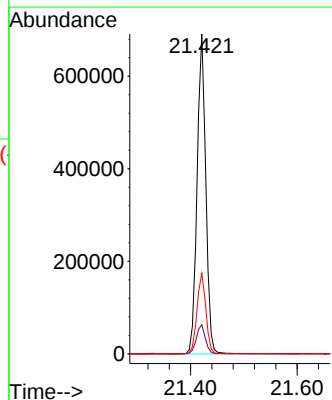
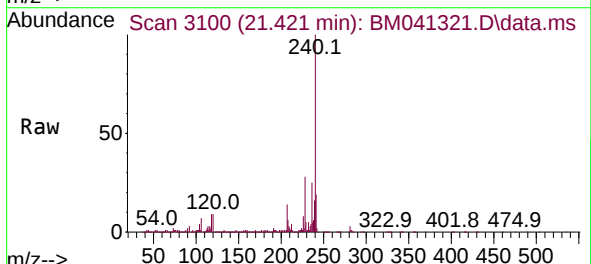
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

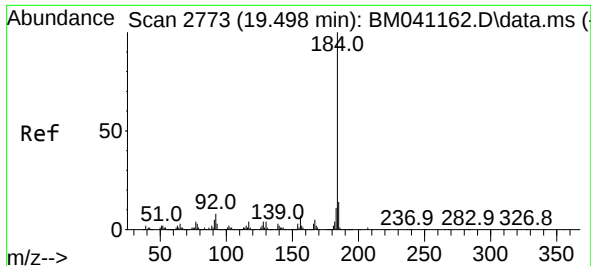
Tgt Ion:202 Resp: 2205508
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.8
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:240 Resp: 785998
Ion Ratio Lower Upper
240 100
120 9.1 8.3 12.5
236 25.2 20.6 30.8

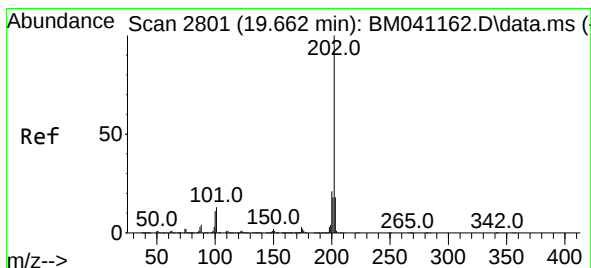
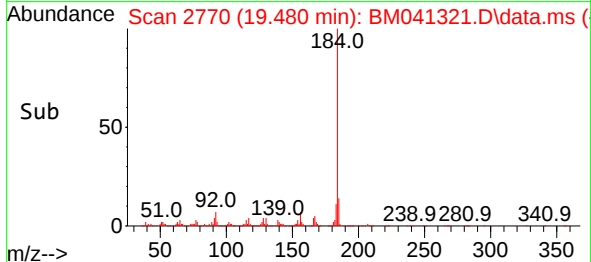
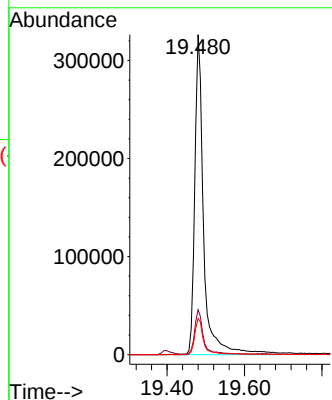
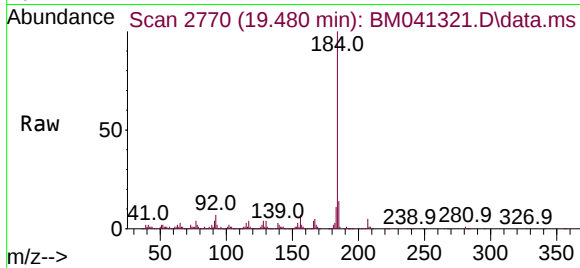




#77
Benzidine
Concen: 48.539 ng
RT: 19.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

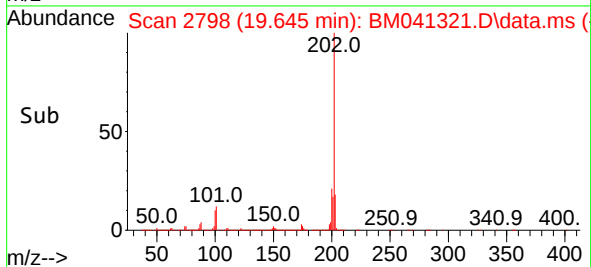
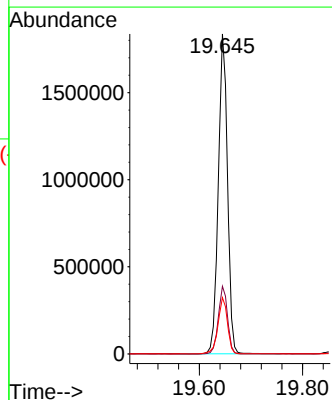
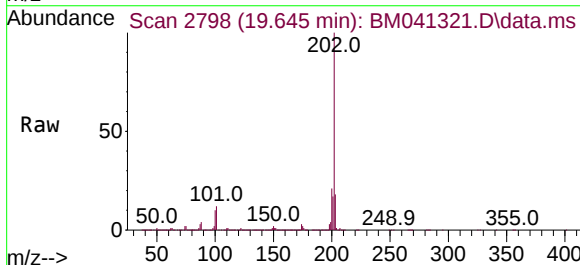
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

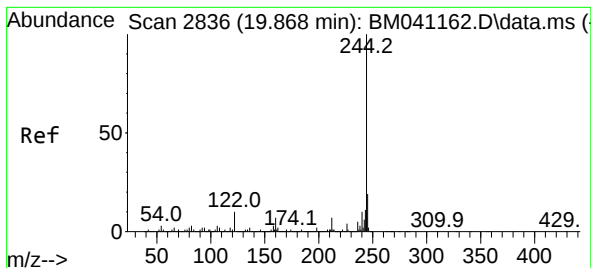
Tgt Ion:184 Resp: 520003
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.3 9.2 13.8



#78
Pyrene
Concen: 41.122 ng
RT: 19.645 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:202 Resp: 2260308
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 82.455 ng

RT: 19.851 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

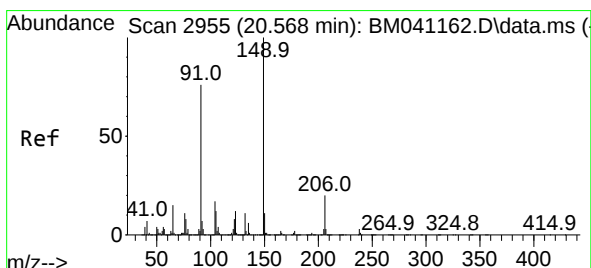
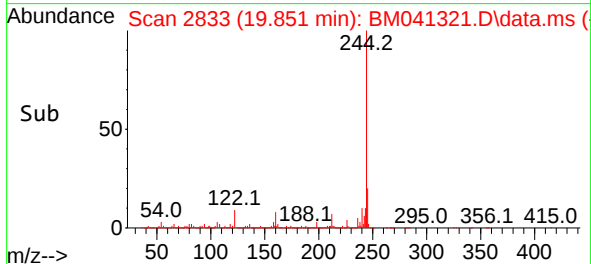
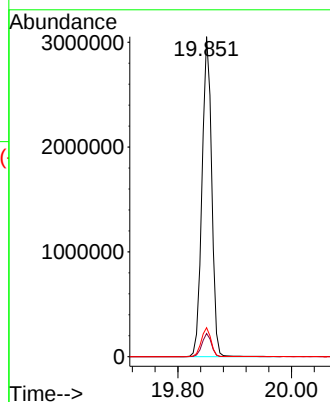
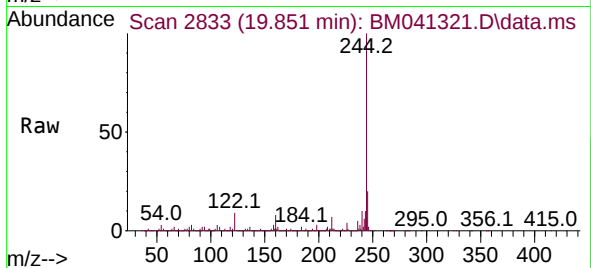
Tgt Ion:244 Resp: 3584479

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 9.0 7.8 11.6



#80

Butylbenzylphthalate

Concen: 44.231 ng

RT: 20.550 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

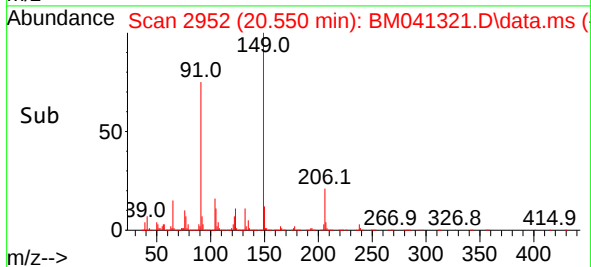
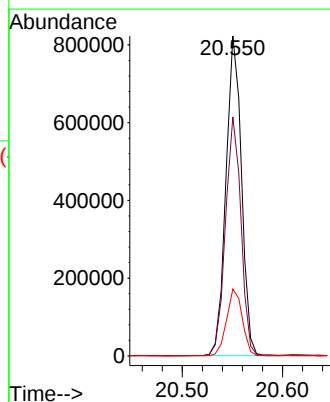
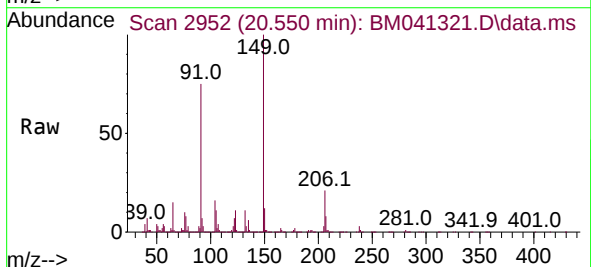
Tgt Ion:149 Resp: 887832

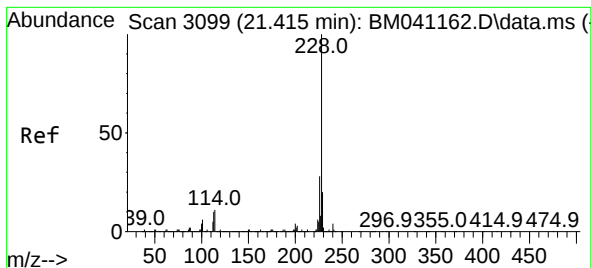
Ion Ratio Lower Upper

149 100

91 74.7 60.8 91.2

206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.678 ng

RT: 21.403 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

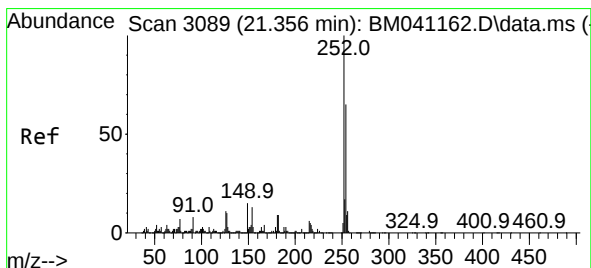
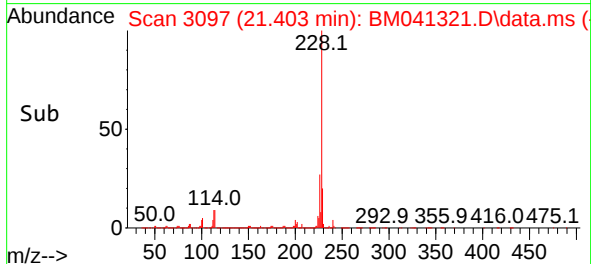
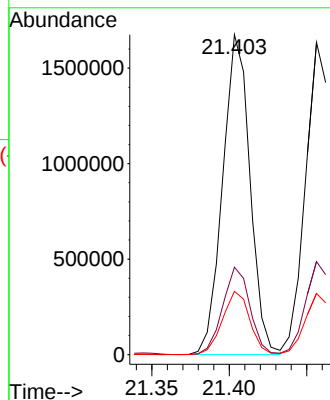
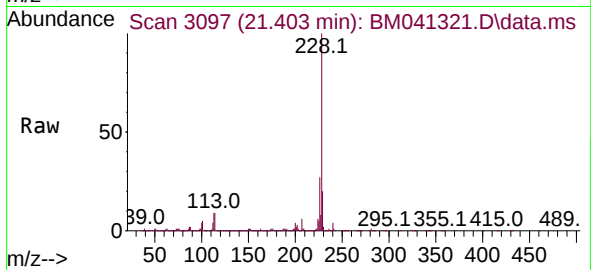
Tgt Ion:228 Resp: 2060946

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.139 ng

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

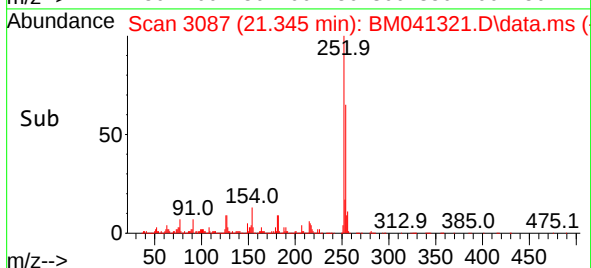
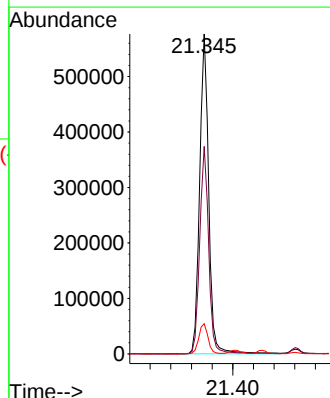
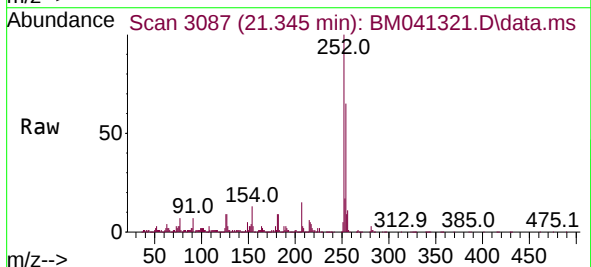
Tgt Ion:252 Resp: 697910

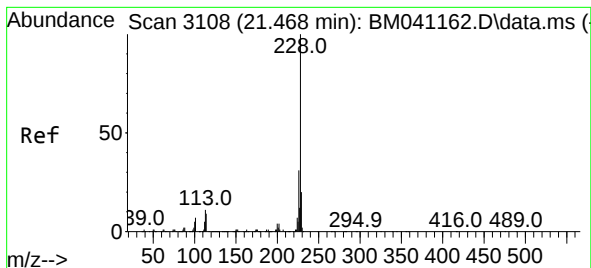
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 9.4 8.6 13.0





#83

Chrysene

Concen: 37.629 ng

RT: 21.456 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

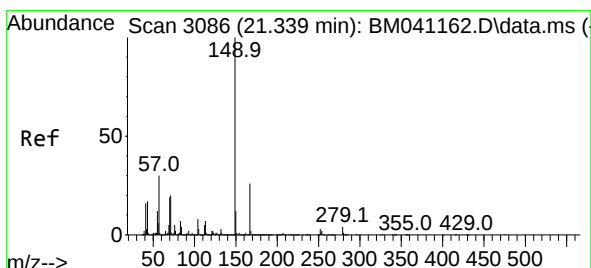
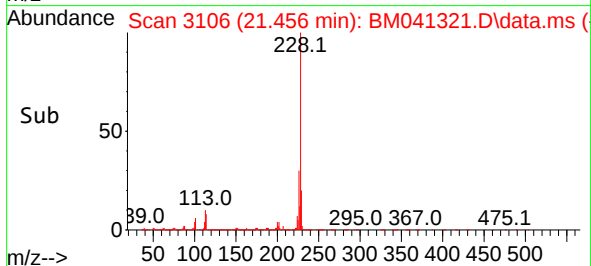
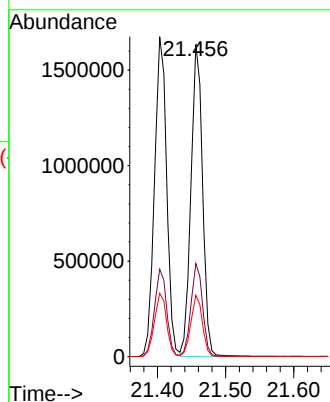
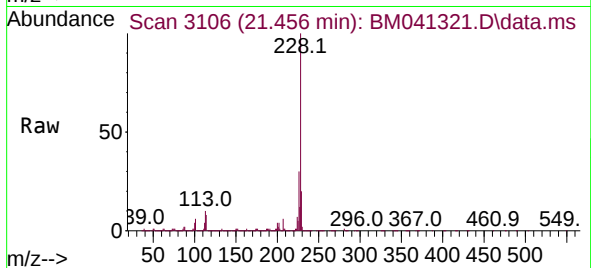
Tgt Ion:228 Resp: 1939342

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.275 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

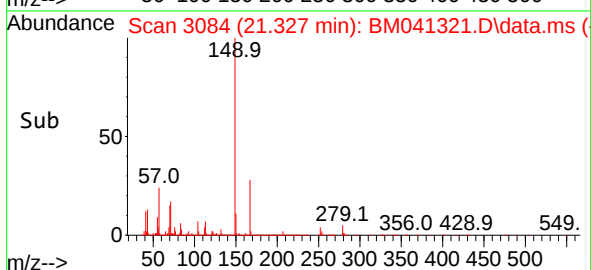
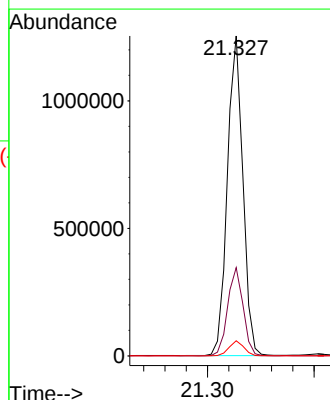
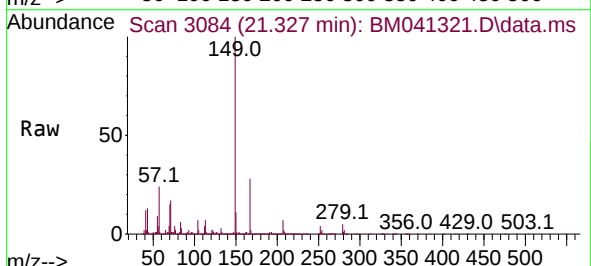
Tgt Ion:149 Resp: 1270072

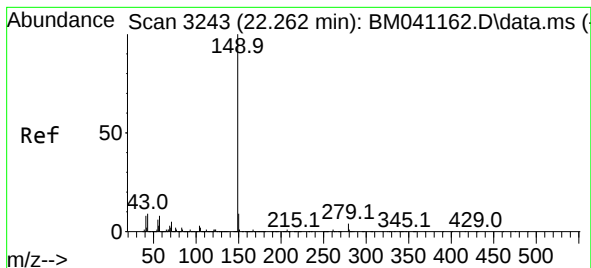
Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.6

279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 41.249 ng

RT: 22.244 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

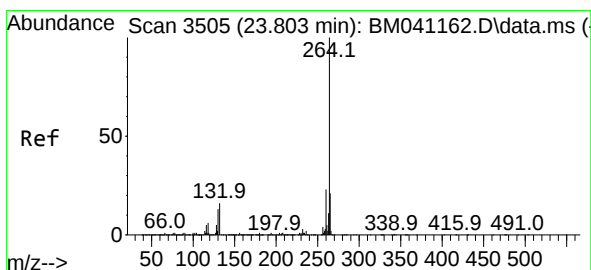
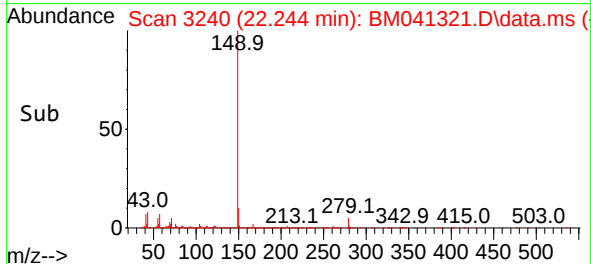
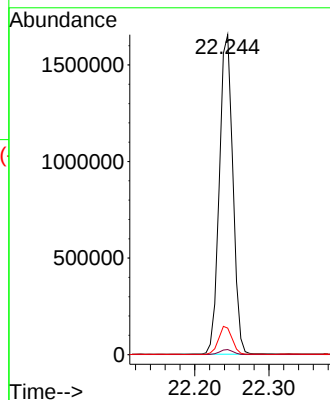
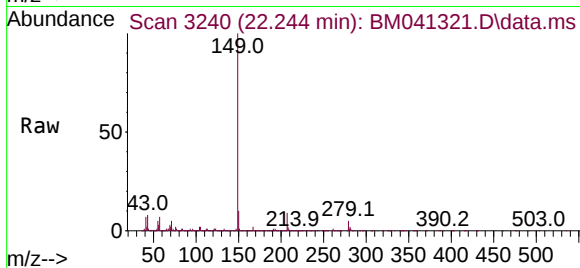
Tgt Ion:149 Resp: 2092582

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3502

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

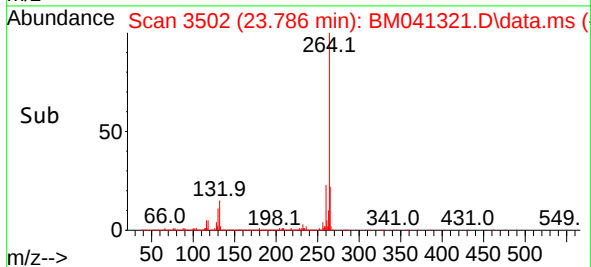
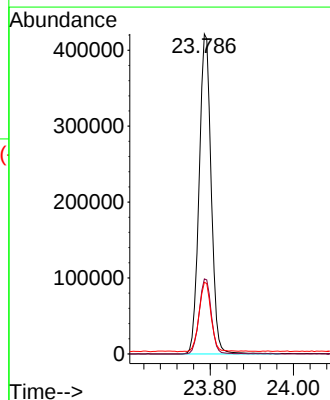
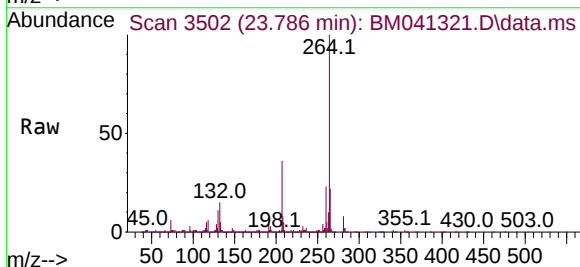
Tgt Ion:264 Resp: 844604

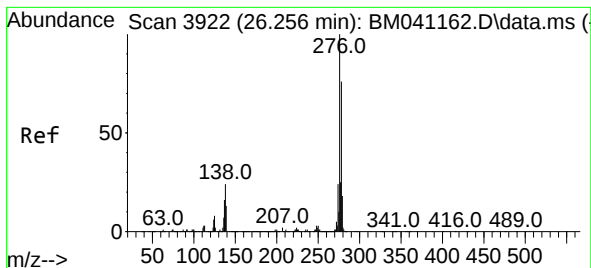
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.050 ng

RT: 26.238 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

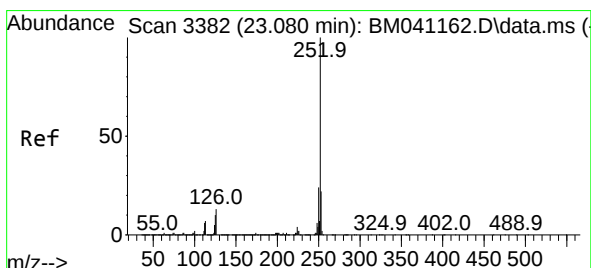
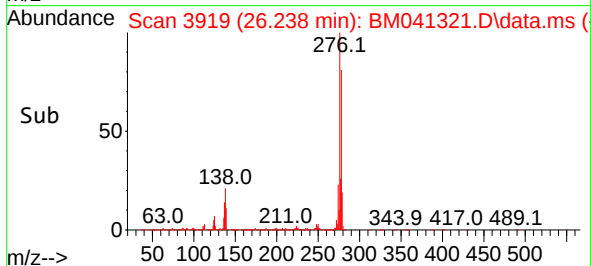
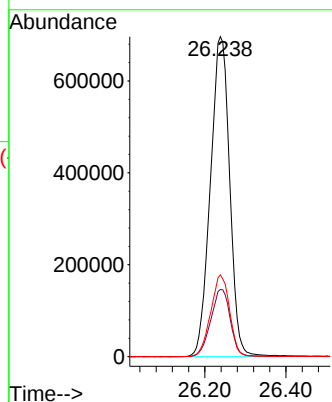
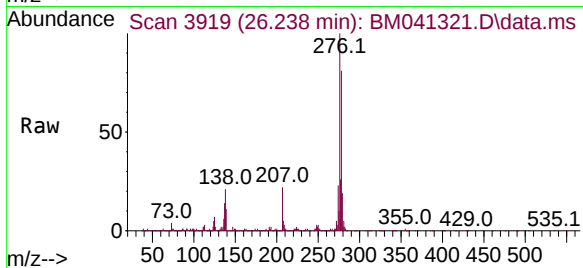
Tgt Ion:276 Resp: 2300680

Ion Ratio Lower Upper

276 100

138 21.2 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 38.145 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

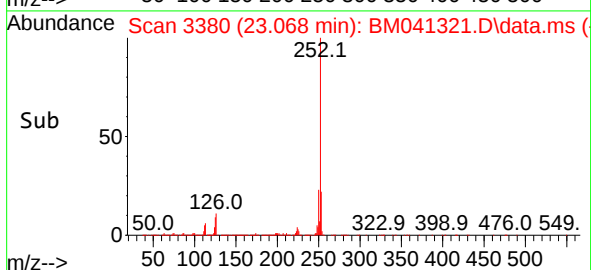
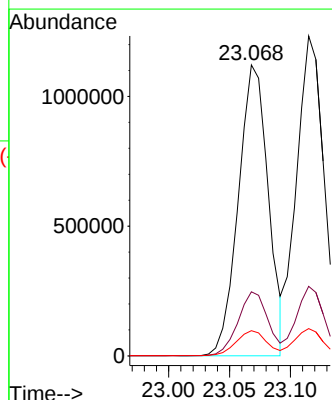
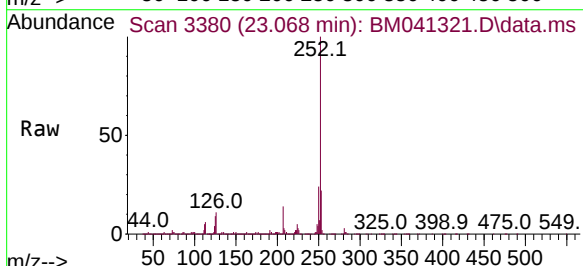
Tgt Ion:252 Resp: 1913908

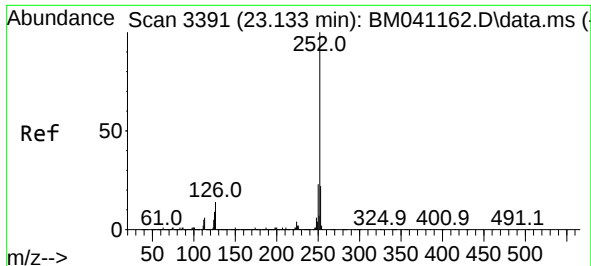
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.6 8.2 12.4

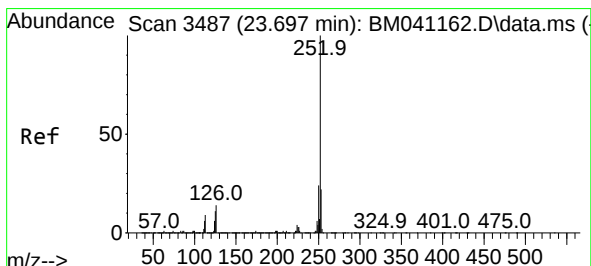
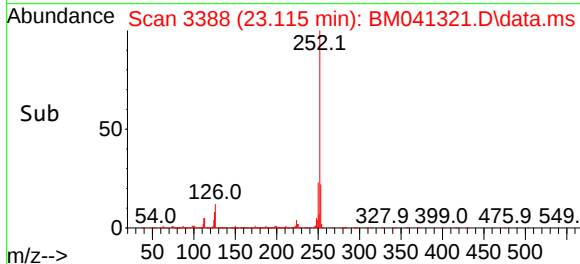
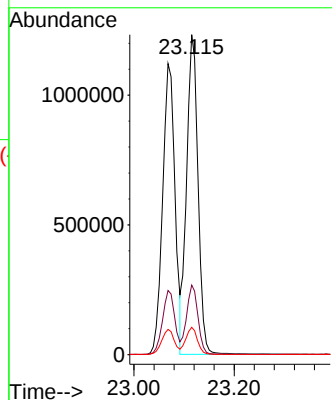
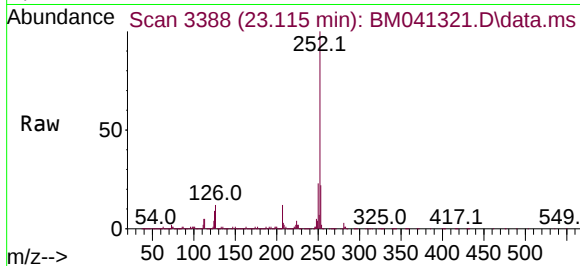




#89
Benzo(k)fluoranthene
Concen: 38.100 ng
RT: 23.115 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

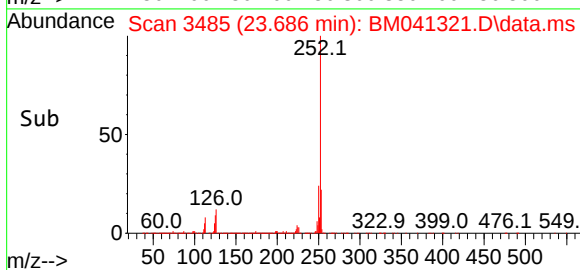
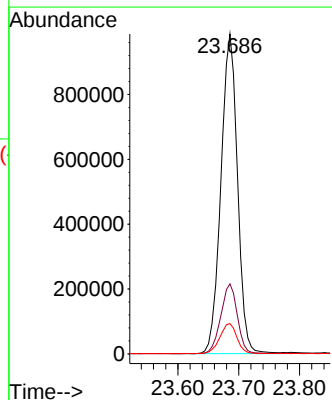
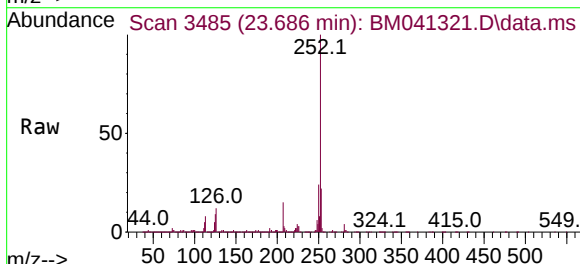
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

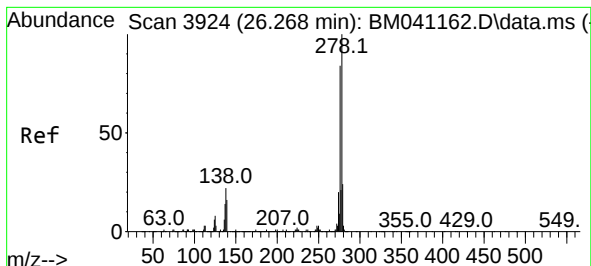
Tgt Ion:252 Resp: 1955451
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 38.688 ng
RT: 23.686 min Scan# 3485
Delta R.T. 0.000 min
Lab File: BM041321.D
Acq: 08 Aug 2023 08:56

Tgt Ion:252 Resp: 1865161
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.395 ng

RT: 26.250 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

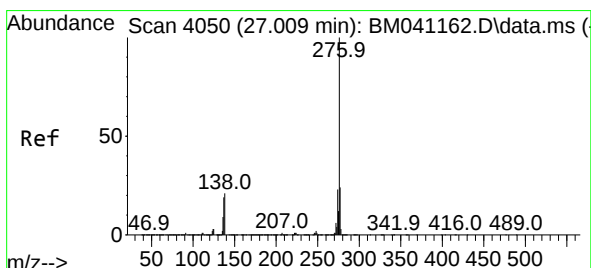
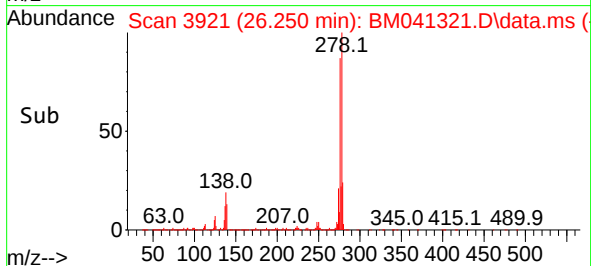
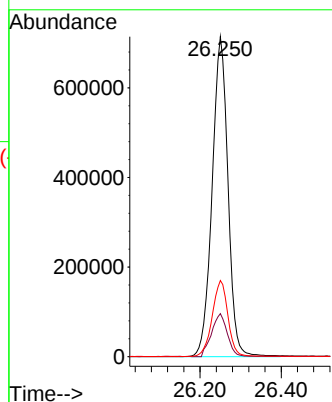
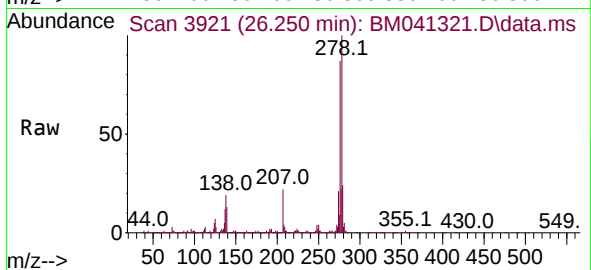
Tgt Ion:278 Resp: 1936819

Ion Ratio Lower Upper

278 100

139 13.4 12.7 19.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 36.720 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Tgt Ion:276 Resp: 1860947

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.3 17.1 25.7

