

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031824\
 Data File : BM044654.D
 Acq On : 18 Mar 2024 11:50
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 18 12:22:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	181490	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	729361	20.000	ng	-0.01
39) Acenaphthene-d10	14.339	164	422995	20.000	ng	-0.01
64) Phenanthrene-d10	17.098	188	831298	20.000	ng	0.00
76) Chrysene-d12	21.297	240	768575	20.000	ng	0.00
86) Perylene-d12	23.544	264	882881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	972100	76.903	ng	0.00
7) Phenol-d6	6.869	99	1275770	78.450	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1186909	78.398	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	386225	82.784	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2407373	78.381	ng	-0.01
79) Terphenyl-d14	19.739	244	3534688	80.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	201225	37.873	ng	99
3) Pyridine	3.669	79	562722	38.299	ng	99
4) n-Nitrosodimethylamine	3.593	42	237194	40.282	ng	96
6) Aniline	7.040	93	741308	38.489	ng	100
8) 2-Chlorophenol	7.263	128	488158	38.772	ng	99
9) Benzaldehyde	6.857	77	323237	37.951	ng	100
10) Phenol	6.898	94	630478	38.820	ng	99
11) bis(2-Chloroethyl)ether	7.140	93	513979	38.760	ng	99
12) 1,3-Dichlorobenzene	7.581	146	516772	38.172	ng	98
13) 1,4-Dichlorobenzene	7.734	146	523849	38.393	ng	99
14) 1,2-Dichlorobenzene	8.039	146	499568	38.393	ng	99
15) Benzyl Alcohol	7.945	79	424124	39.670	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.228	45	712806	38.771	ng	100
17) 2-Methylphenol	8.134	107	438662	39.604	ng	99
18) Hexachloroethane	8.757	117	196297	38.916	ng	100
19) n-Nitroso-di-n-propyla...	8.504	70	404247	40.704	ng	98
20) 3+4-Methylphenols	8.463	107	589091	39.411	ng	97
22) Acetophenone	8.522	105	744059	38.831	ng	# 99
24) Nitrobenzene	8.898	77	578842	38.678	ng	99
25) Isophorone	9.422	82	1027888	39.350	ng	99
26) 2-Nitrophenol	9.604	139	255766	39.606	ng	98
27) 2,4-Dimethylphenol	9.663	122	449177	39.552	ng	99
28) bis(2-Chloroethoxy)met...	9.904	93	676920	39.024	ng	99
29) 2,4-Dichlorophenol	10.128	162	427991	39.542	ng	99
30) 1,2,4-Trichlorobenzene	10.339	180	442341	38.415	ng	99
31) Naphthalene	10.528	128	1538711	38.441	ng	100
32) Benzoic acid	9.798	122	321801	36.448	ng	99
33) 4-Chloroaniline	10.645	127	660289	39.320	ng	98
34) Hexachlorobutadiene	10.798	225	252651	39.353	ng	99
35) Caprolactam	11.439	113	142944	40.941	ng	100
36) 4-Chloro-3-methylphenol	11.769	107	470711	39.632	ng	98
37) 2-Methylnaphthalene	12.145	142	1055148	38.838	ng	99
38) 1-Methylnaphthalene	12.363	142	985735	38.930	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	459124	38.249	ng	100
41) Hexachlorocyclopentadiene	12.480	237	262394	38.371	ng	99
43) 2,4,6-Trichlorophenol	12.763	196	321778	39.699	ng	99

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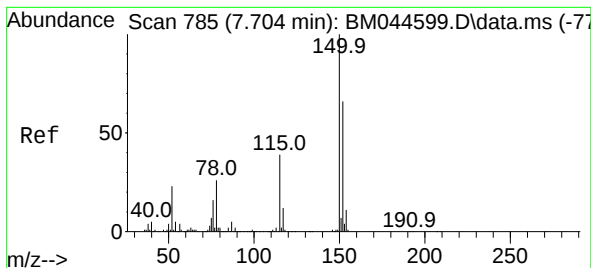
Quant Time: Mar 18 12:22:52 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	374843	39.030	ng	99
46) 1,1'-Biphenyl	13.169	154	1268204	38.334	ng	100
47) 2-Chloronaphthalene	13.210	162	939119	38.388	ng	99
48) 2-Nitroaniline	13.427	65	330784	39.850	ng	98
49) Acenaphthylene	14.063	152	1557483	39.081	ng	99
50) Dimethylphthalate	13.816	163	1235820	39.060	ng	100
51) 2,6-Dinitrotoluene	13.939	165	258773	39.276	ng	98
52) Acenaphthene	14.404	154	935736	38.842	ng	99
53) 3-Nitroaniline	14.268	138	309859	40.163	ng	99
54) 2,4-Dinitrophenol	14.474	184	146639	36.610	ng	98
55) Dibenzofuran	14.745	168	1483980	38.812	ng	99
56) 4-Nitrophenol	14.568	139	244946	38.658	ng	98
57) 2,4-Dinitrotoluene	14.727	165	353097	41.015	ng	96
58) Fluorene	15.398	166	1185624	39.819	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.968	232	293140	39.313	ng	99
60) Diethylphthalate	15.186	149	1259809	39.334	ng	100
61) 4-Chlorophenyl-phenyle...	15.398	204	569891	39.869	ng	100
62) 4-Nitroaniline	15.433	138	316717	41.096	ng	98
63) Azobenzene	15.692	77	1326946	40.080	ng	99
65) 4,6-Dinitro-2-methylph...	15.486	198	203554	39.045	ng	97
66) n-Nitrosodiphenylamine	15.615	169	1017936	39.290	ng	98
67) 4-Bromophenyl-phenylether	16.292	248	335299	38.995	ng	96
68) Hexachlorobenzene	16.392	284	361763	39.579	ng	96
69) Atrazine	16.580	200	328384	40.562	ng	98
70) Pentachlorophenol	16.745	266	267722	40.720	ng	100
71) Phenanthrene	17.139	178	1800161	39.186	ng	100
72) Anthracene	17.233	178	1821982	39.544	ng	100
73) Carbazole	17.509	167	1727700	39.814	ng	100
74) Di-n-butylphthalate	18.080	149	2264458	40.498	ng	99
75) Fluoranthene	19.162	202	2048324	39.887	ng	99
77) Benzidine	19.362	184	812869	40.922	ng	100
78) Pyrene	19.527	202	2149138	38.152	ng	100
80) Butylbenzylphthalate	20.445	149	998779	39.342	ng	98
81) Benzo(a)anthracene	21.280	228	2088001	39.045	ng	99
82) 3,3'-Dichlorobenzidine	21.221	252	750622	40.755	ng	99
83) Chrysene	21.333	228	1958641	38.329	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1596144	41.733	ng	99
85) Di-n-octyl phthalate	22.115	149	2700199	40.701	ng	99
87) Indeno(1,2,3-cd)pyrene	25.815	276	2481143	38.875	ng	100
88) Benzo(b)fluoranthene	22.868	252	2040620	39.330	ng	99
89) Benzo(k)fluoranthene	22.915	252	2036080	38.173	ng	99
90) Benzo(a)pyrene	23.444	252	1982770	39.180	ng	99
91) Dibenzo(a,h)anthracene	25.832	278	2114627	39.300	ng	99
92) Benzo(g,h,i)perylene	26.509	276	2028168	38.291	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.698 min Scan# 70

Delta R.T. -0.006 min

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SSTDCCC040

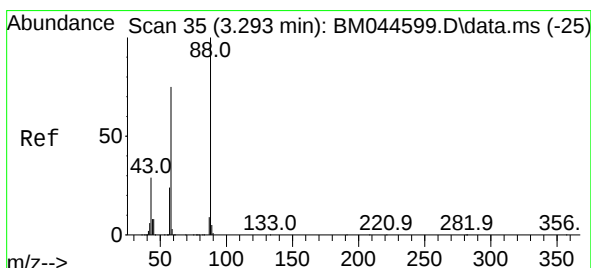
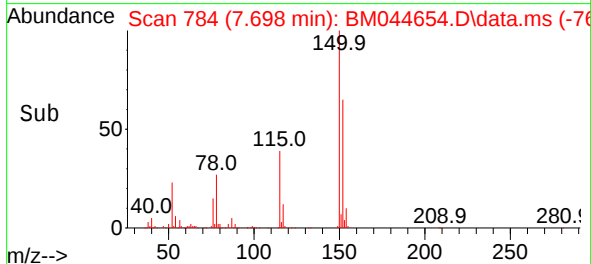
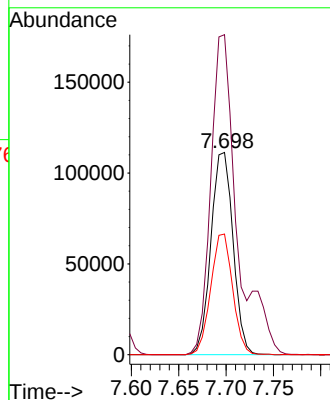
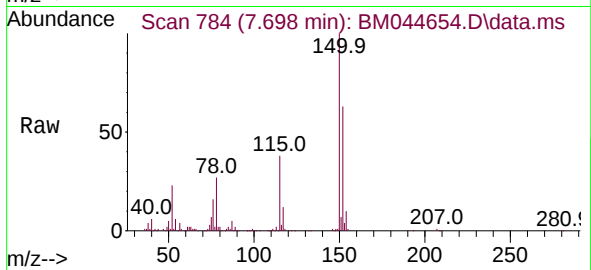
Tgt Ion:152 Resp: 181490

Ion Ratio Lower Upper

152 100

150 158.3 121.9 182.9

115 59.7 47.1 70.7



#2

1,4-Dioxane

Concen: 37.873 ng

RT: 3.287 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

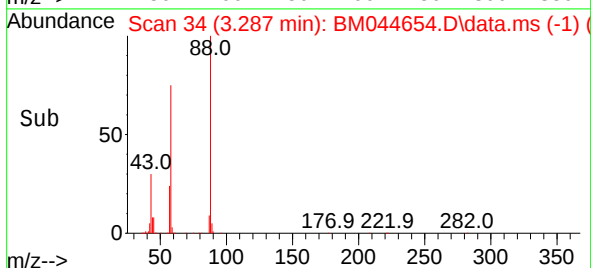
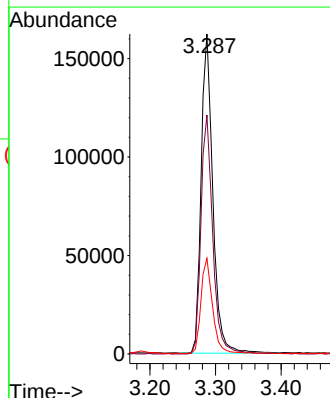
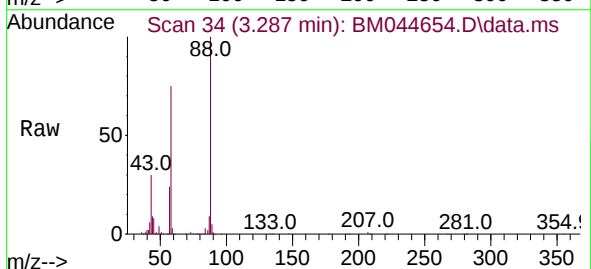
Tgt Ion: 88 Resp: 201225

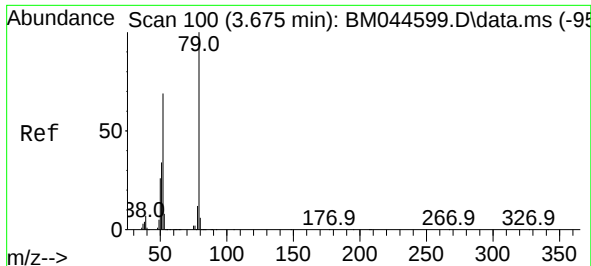
Ion Ratio Lower Upper

88 100

58 75.9 60.2 90.2

43 30.6 23.5 35.3

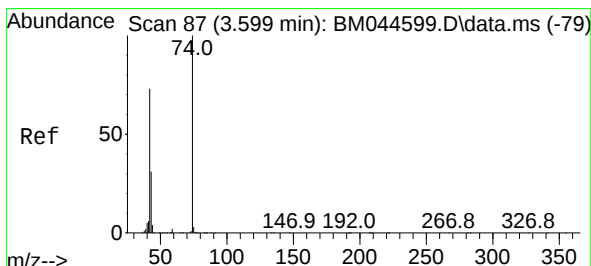
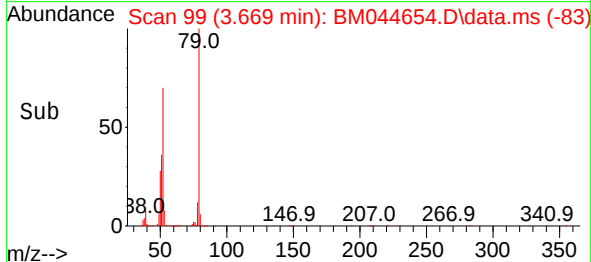
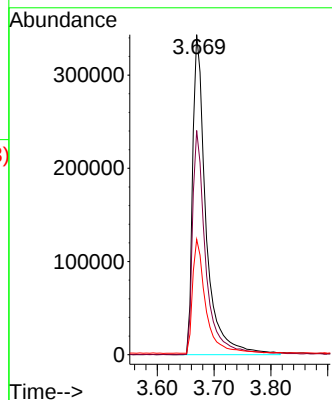
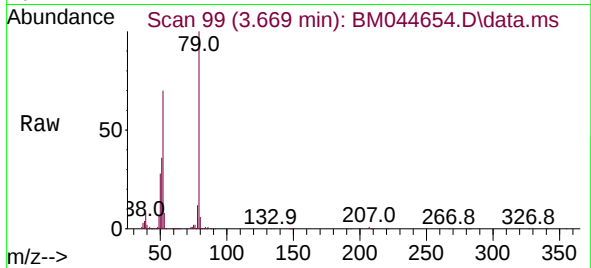




#3
Pyridine
Concen: 38.299 ng
RT: 3.669 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

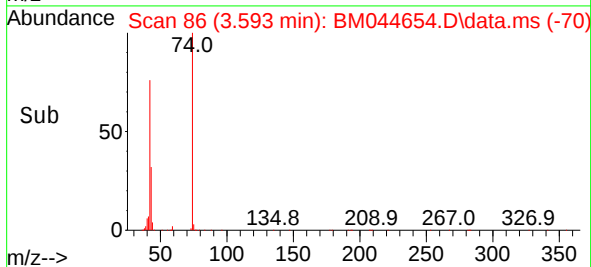
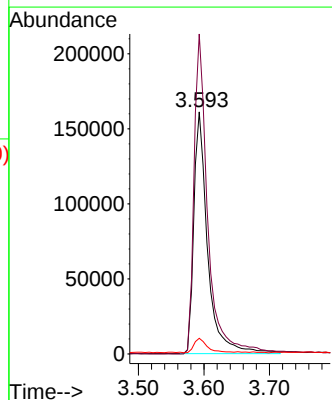
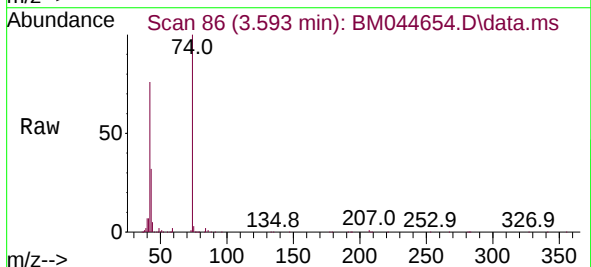
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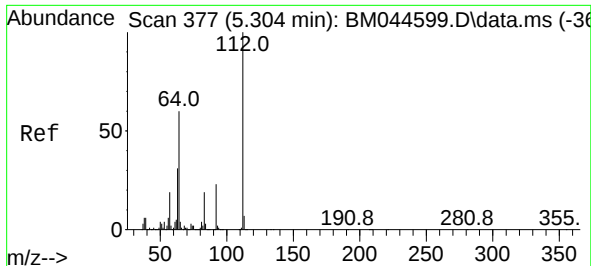
Tgt Ion: 79 Resp: 562722
Ion Ratio Lower Upper
79 100
52 70.1 55.5 83.3
51 36.1 27.7 41.5



#4
n-Nitrosodimethylamine
Concen: 40.282 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion: 42 Resp: 237194
Ion Ratio Lower Upper
42 100
74 132.2 109.7 164.5
44 6.5 5.4 8.0

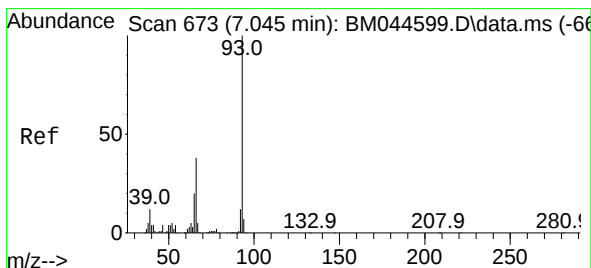
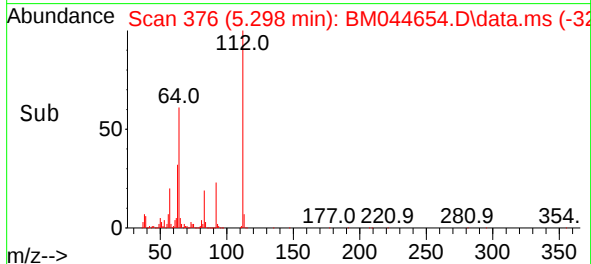
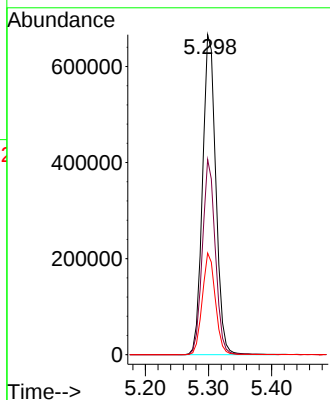
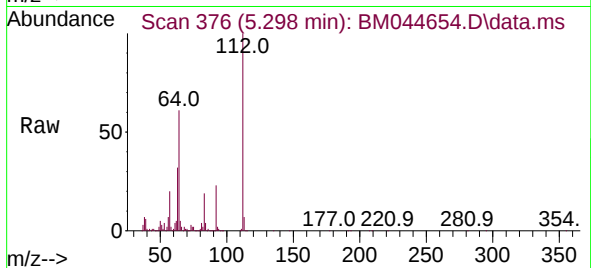




#5
2-Fluorophenol
Concen: 76.903 ng
RT: 5.298 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

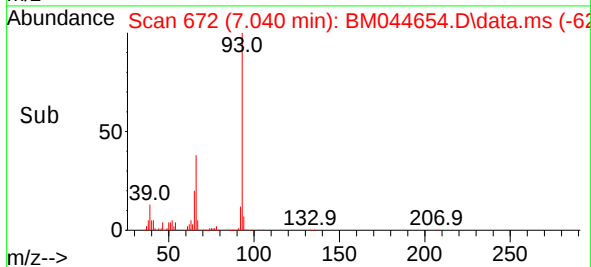
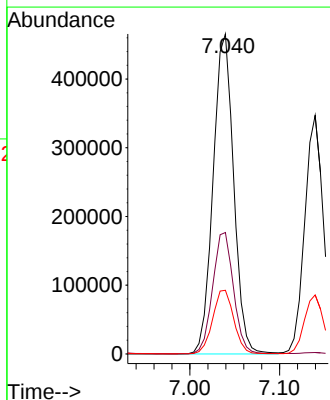
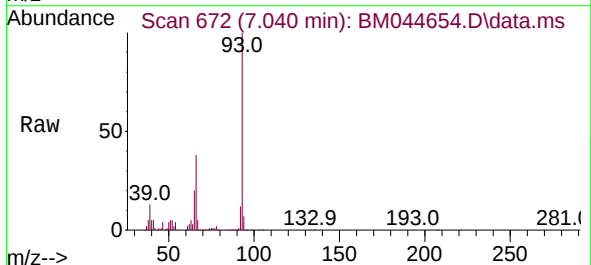
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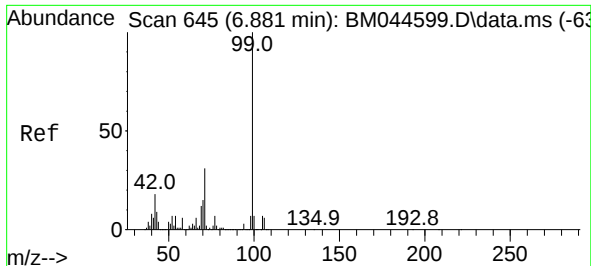
Tgt Ion:112 Resp: 972100
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 31.7 25.0 37.4



#6
Aniline
Concen: 38.489 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion: 93 Resp: 741308
Ion Ratio Lower Upper
93 100
66 37.9 30.3 45.5
65 19.9 15.7 23.5

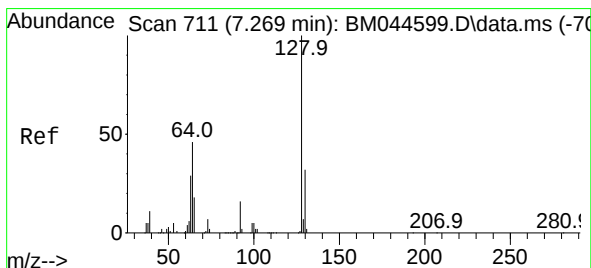
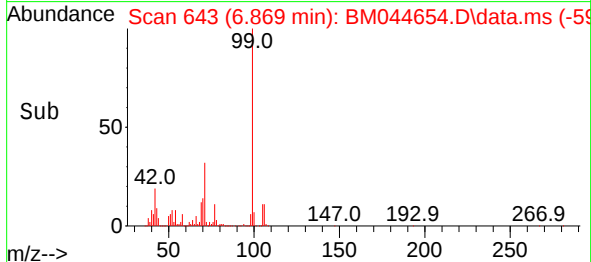
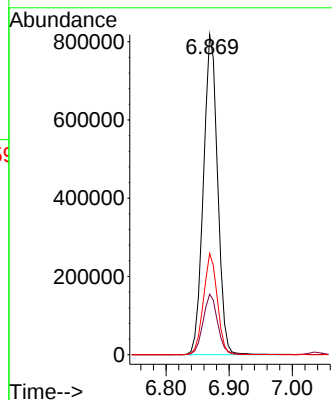
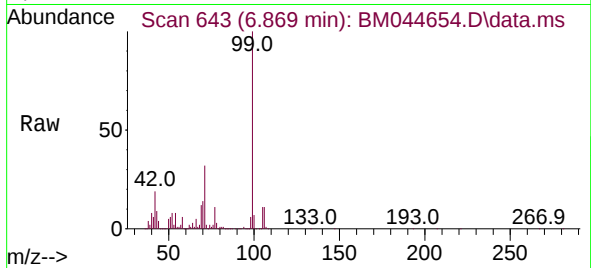




#7
Phenol-d6
Concen: 78.450 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

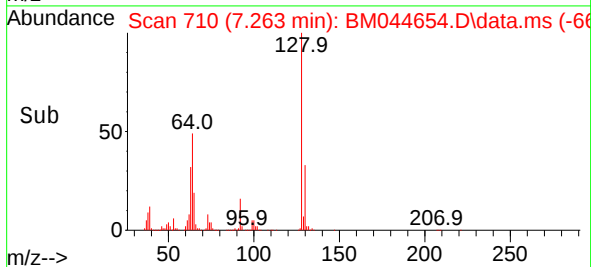
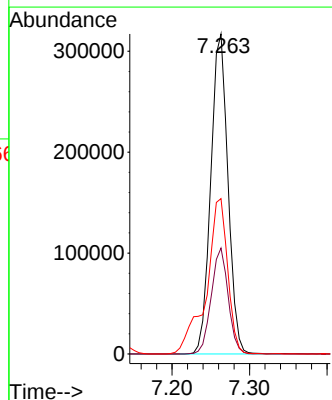
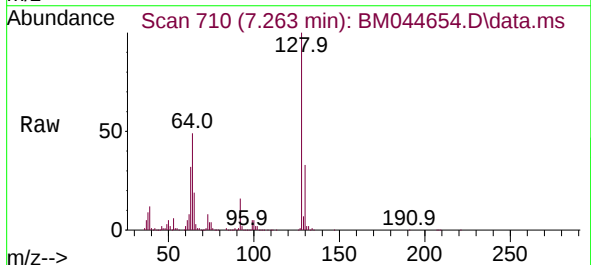
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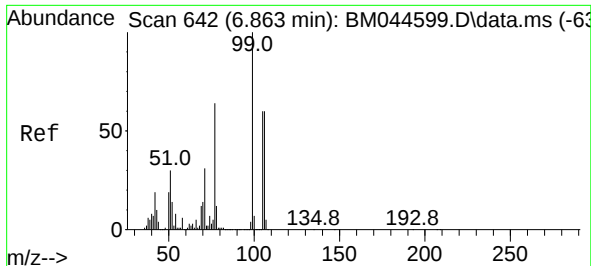
Tgt Ion: 99 Resp: 1275770
Ion Ratio Lower Upper
99 100
42 18.9 14.3 21.5
71 31.7 24.5 36.7



#8
2-Chlorophenol
Concen: 38.772 ng
RT: 7.263 min Scan# 710
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion: 128 Resp: 488158
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 48.6 29.4 69.4

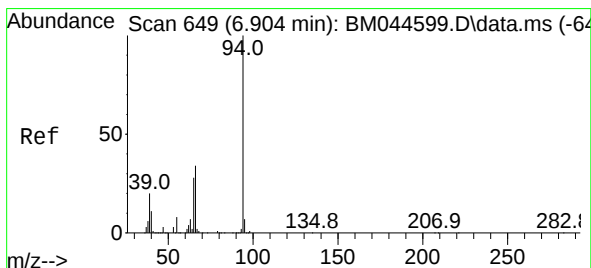
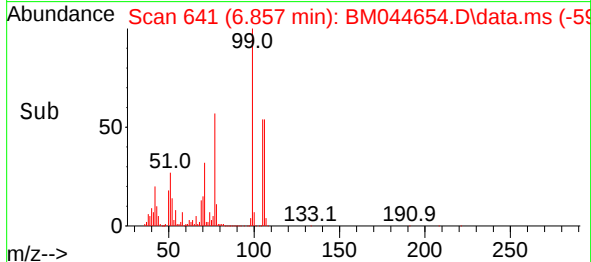
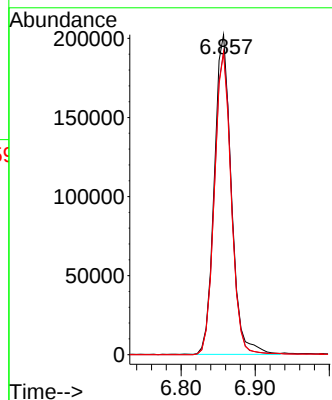
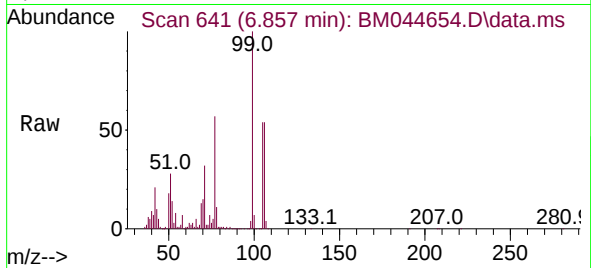




#9
Benzaldehyde
Concen: 37.951 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

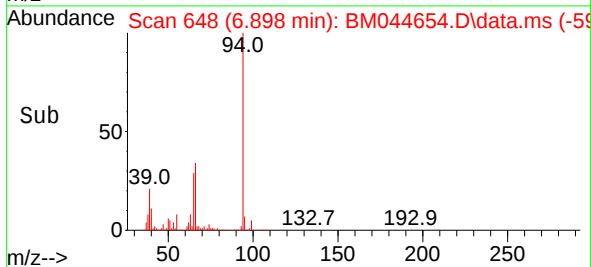
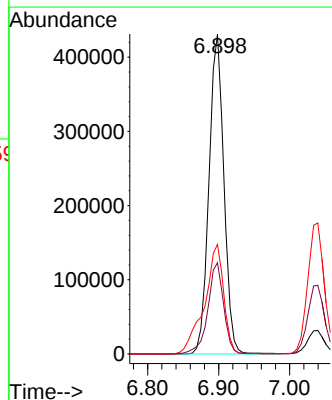
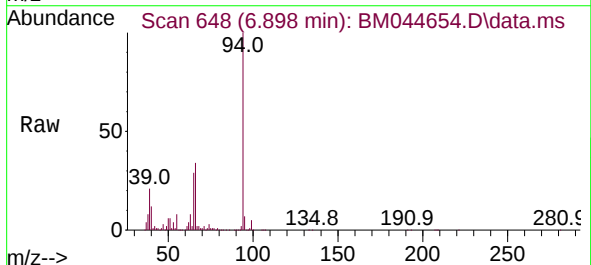
Instrument :
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ClientSampleId :
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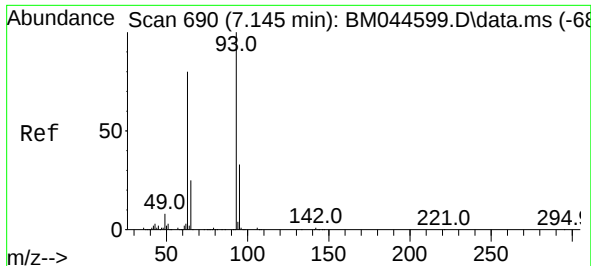
Tgt Ion: 77 Resp: 323237
Ion Ratio Lower Upper
77 100
105 94.6 74.4 114.4
106 94.4 74.1 114.1



#10
Phenol
Concen: 38.820 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion: 94 Resp: 630478
Ion Ratio Lower Upper
94 100
65 28.5 7.9 47.9
66 34.3 14.7 54.7





#11

bis(2-Chloroethyl)ether

Concen: 38.760 ng

RT: 7.140 min Scan# 690

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

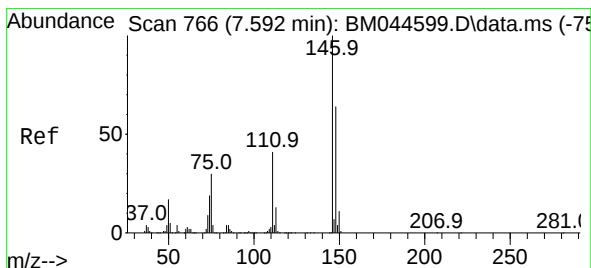
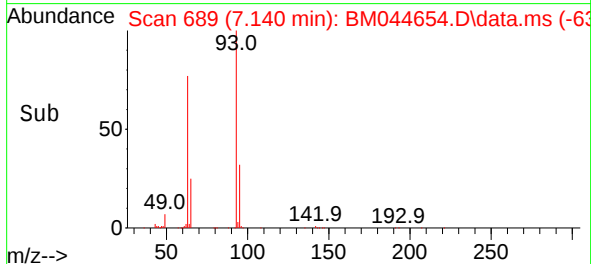
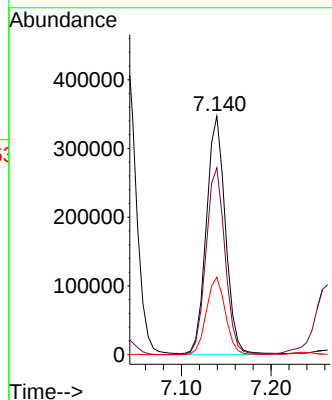
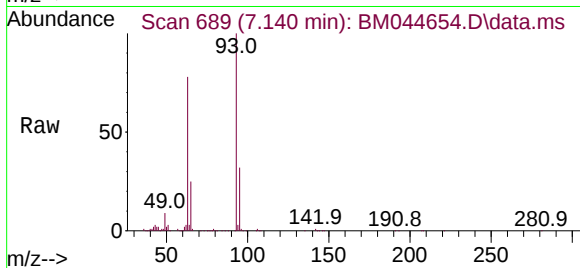
Tgt Ion: 93 Resp: 513979

Ion Ratio Lower Upper

93 100

63 78.3 59.8 99.8

95 32.5 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 38.172 ng

RT: 7.581 min Scan# 764

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

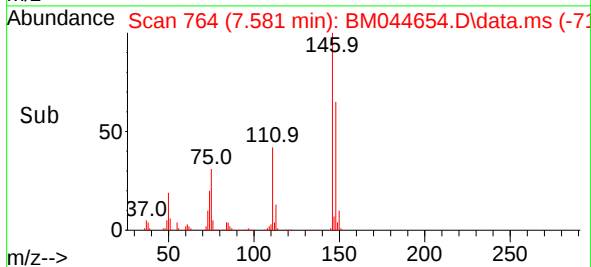
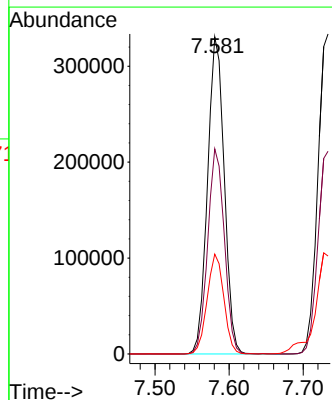
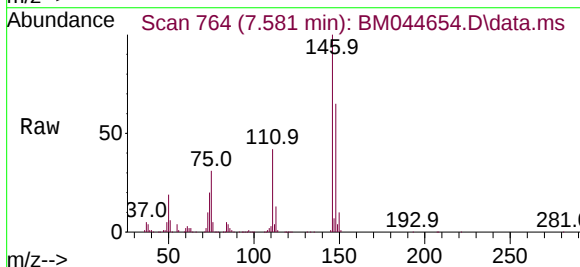
Tgt Ion: 146 Resp: 516772

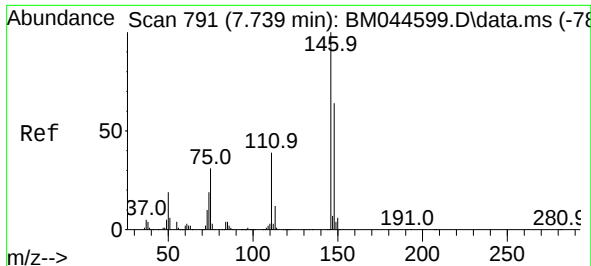
Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

75 31.5 24.1 36.1

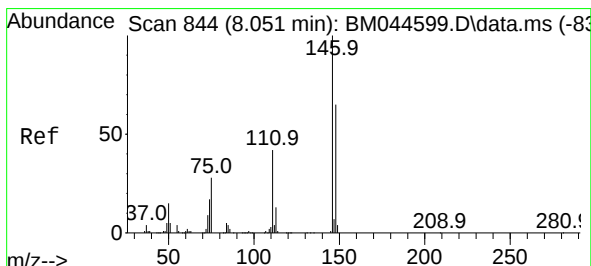
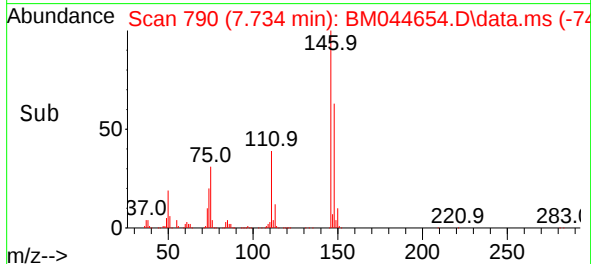
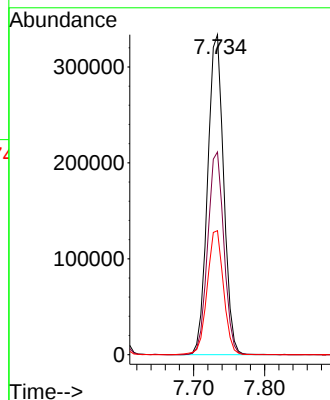
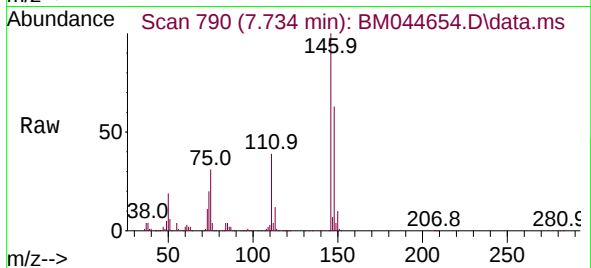




#13
1,4-Dichlorobenzene
Concen: 38.393 ng
RT: 7.734 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

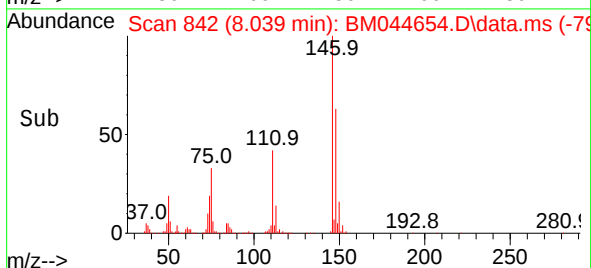
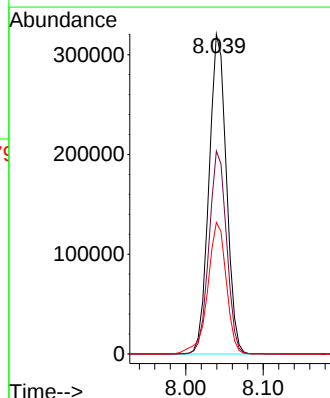
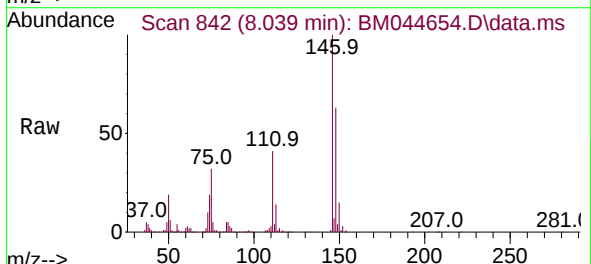
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

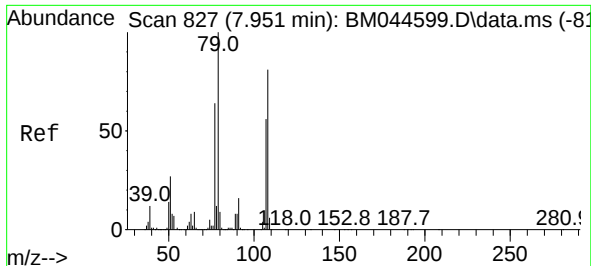
Tgt Ion:146 Resp: 523849
Ion Ratio Lower Upper
146 100
148 63.3 51.5 77.3
111 38.7 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 38.393 ng
RT: 8.039 min Scan# 842
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:146 Resp: 499568
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 41.1 33.4 50.2

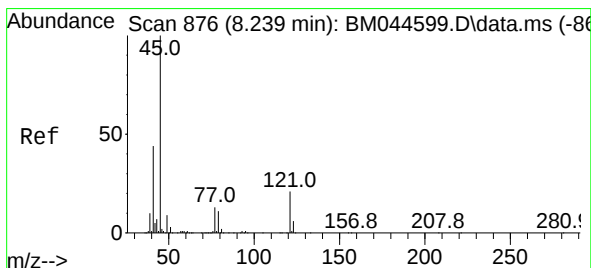
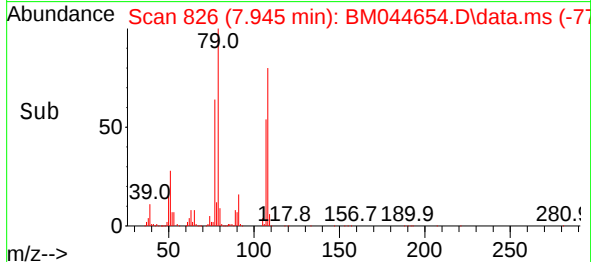
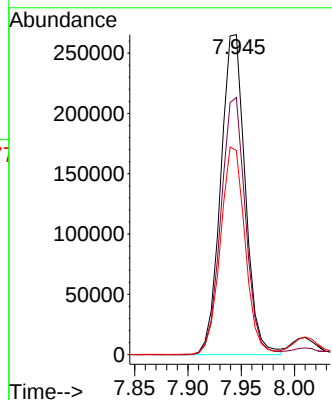
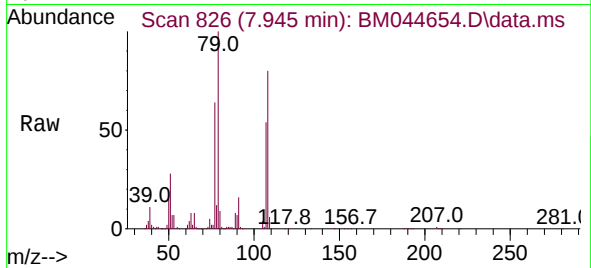




#15
Benzyl Alcohol
Concen: 39.670 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

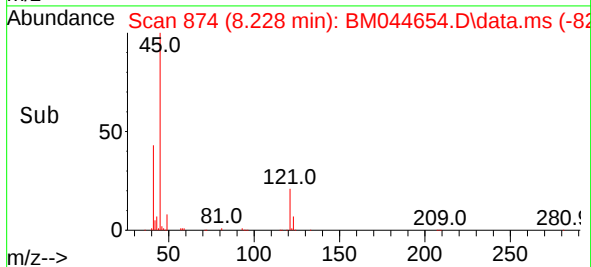
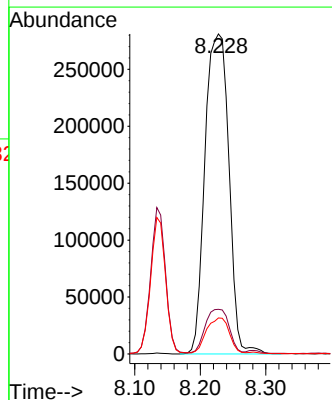
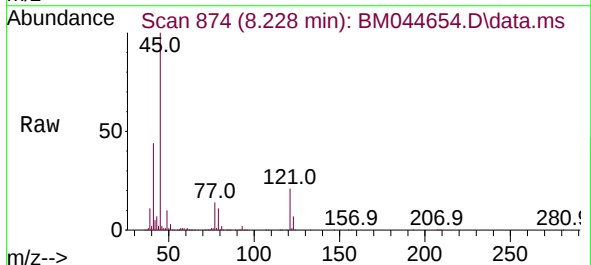
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

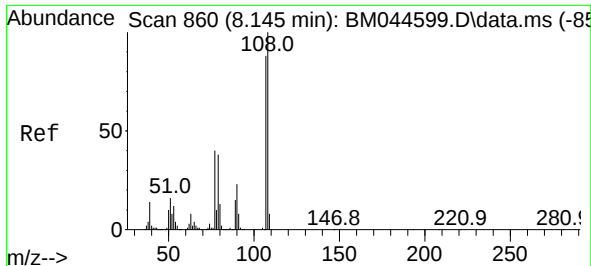
Tgt Ion: 79 Resp: 424124
Ion Ratio Lower Upper
79 100
108 80.3 65.0 97.6
77 63.8 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.771 ng
RT: 8.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion: 45 Resp: 712806
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.7
79 11.2 0.0 31.2

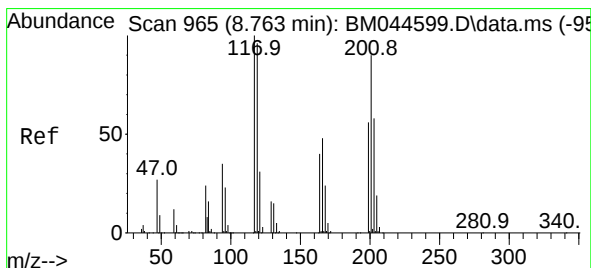
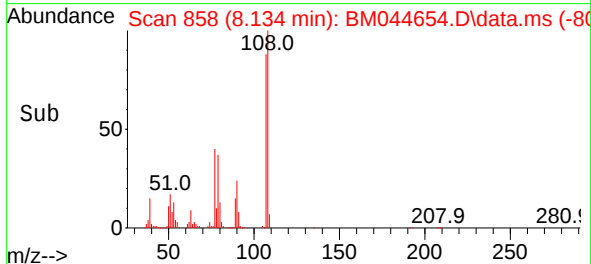
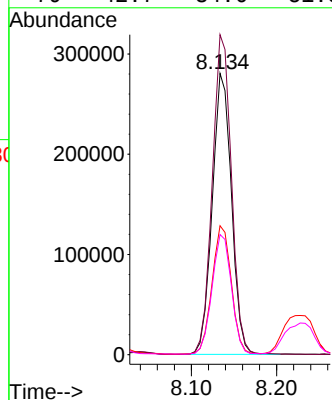
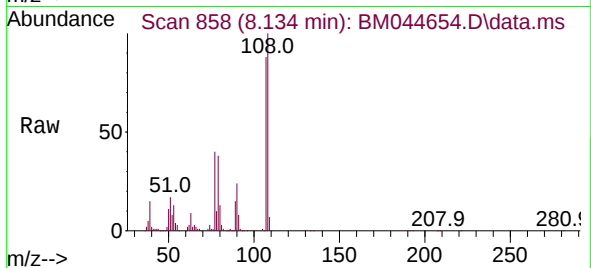




#17
2-Methylphenol
Concen: 39.604 ng
RT: 8.134 min Scan# 858
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

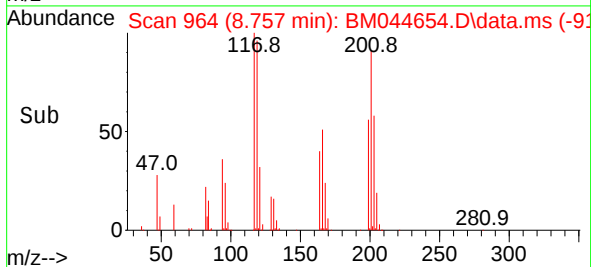
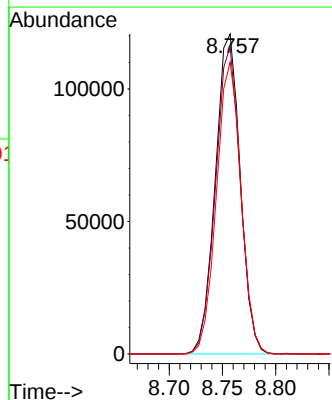
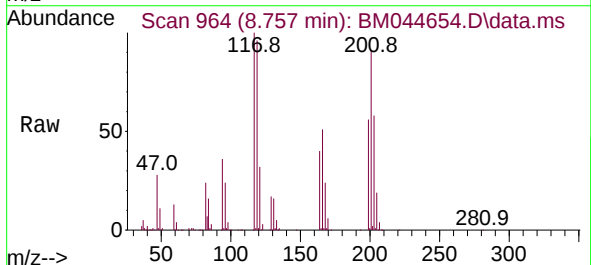
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

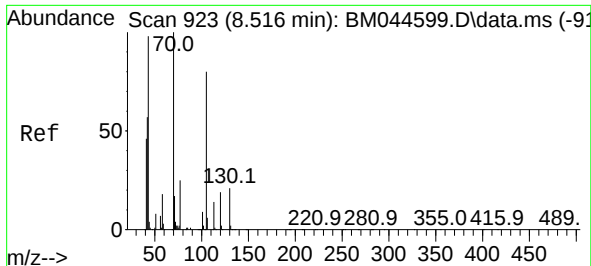
Tgt Ion:	107	Resp:	438662
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.7	136.1
77	45.8	36.2	54.2
79	42.7	34.6	51.8



#18
Hexachloroethane
Concen: 38.916 ng
RT: 8.757 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:	117	Resp:	196297
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.8	115.2
201	91.2	72.3	108.5

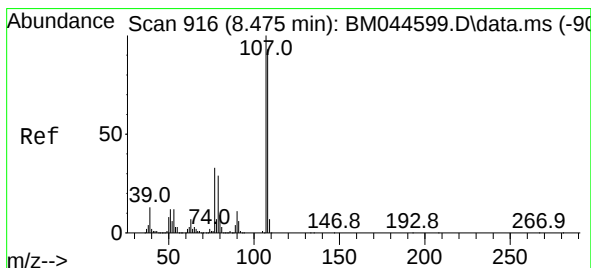
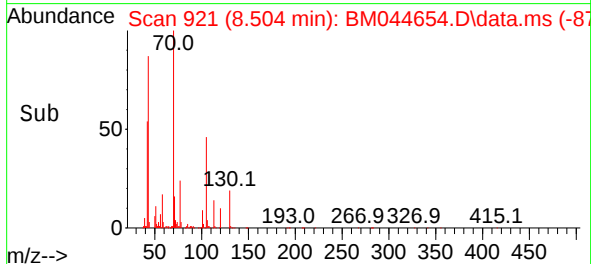
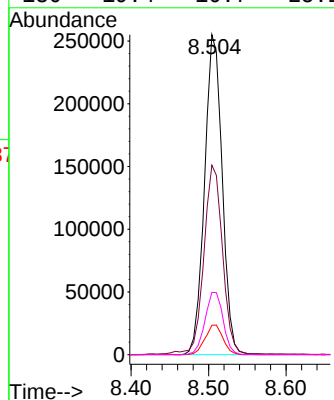
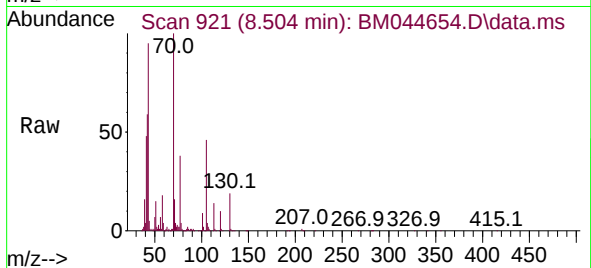




#19
n-Nitroso-di-n-propylamine
Concen: 40.704 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

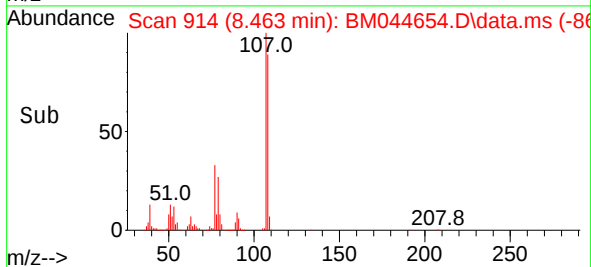
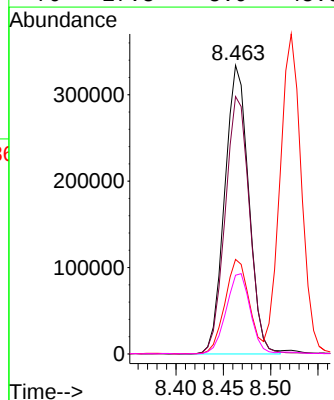
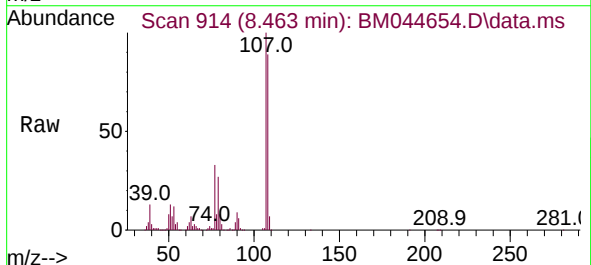
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

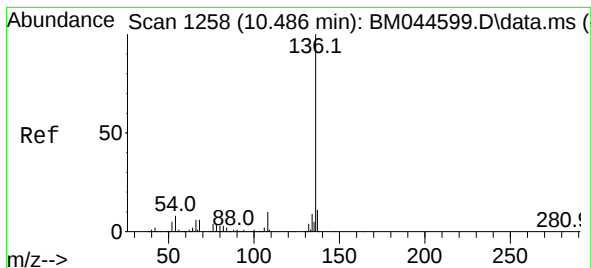
Tgt Ion: 70 Resp: 404247
Ion Ratio Lower Upper
70 100
42 59.2 46.6 69.8
101 9.2 7.6 11.4
130 19.4 16.7 25.1



#20
3+4-Methylphenols
Concen: 39.411 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:107 Resp: 589091
Ion Ratio Lower Upper
107 100
108 89.2 72.7 112.7
77 32.7 13.3 53.3
79 27.3 8.9 48.9

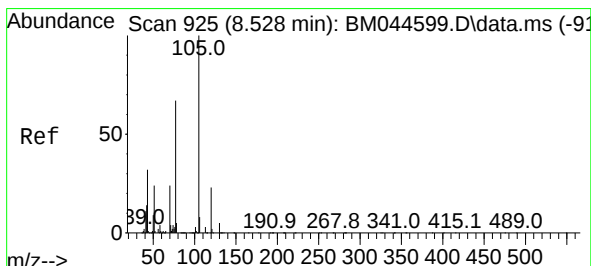
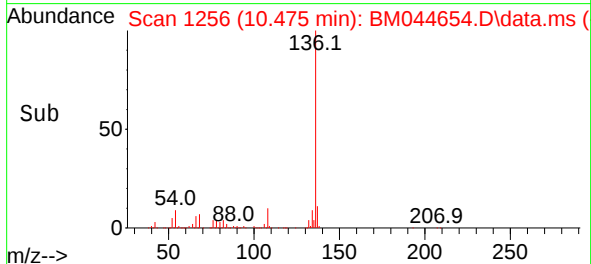
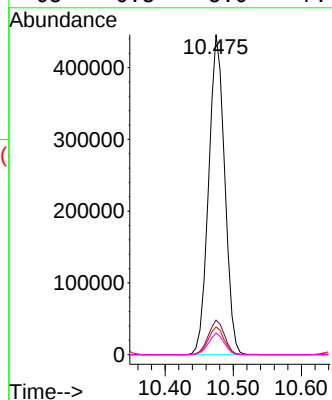
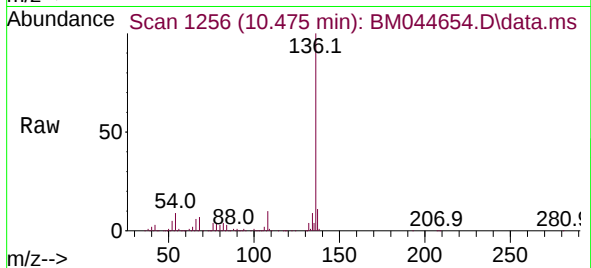




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

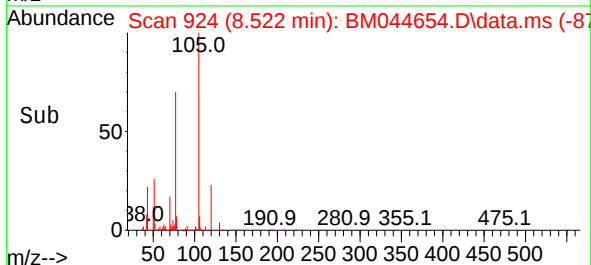
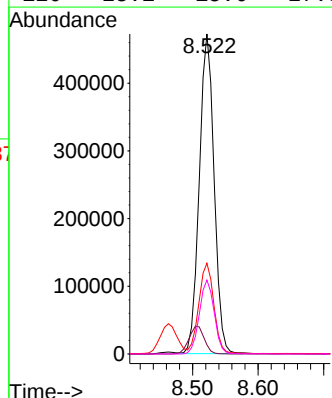
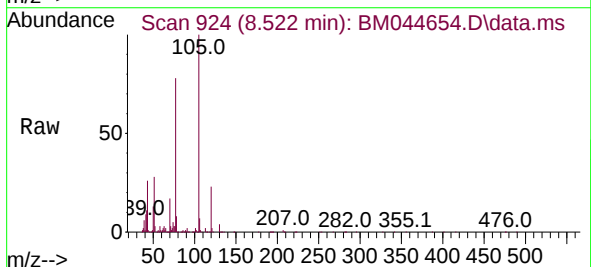
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

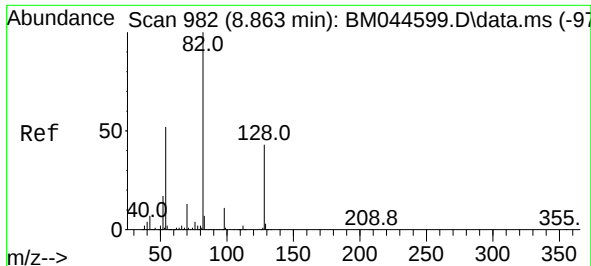
Tgt Ion:136 Resp: 729361
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.6 6.6 10.0
68 6.8 5.0 7.4



#22
Acetophenone
Concen: 38.831 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:105 Resp: 744059
Ion Ratio Lower Upper
105 100
71 2.8 3.4 5.2#
51 28.4 22.2 33.4
120 23.1 18.6 27.8

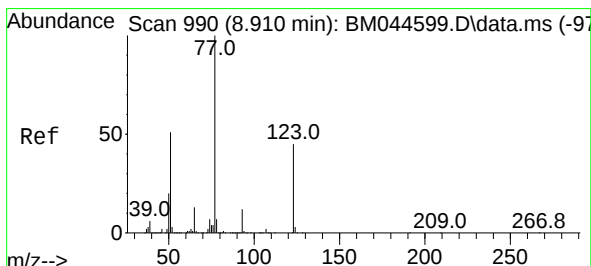
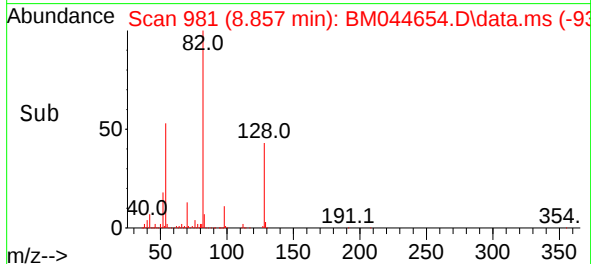
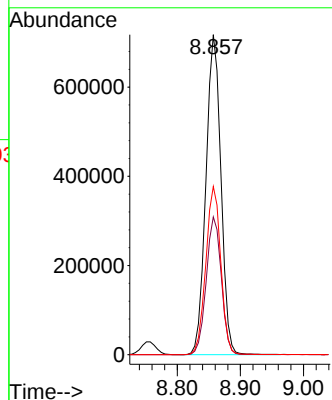
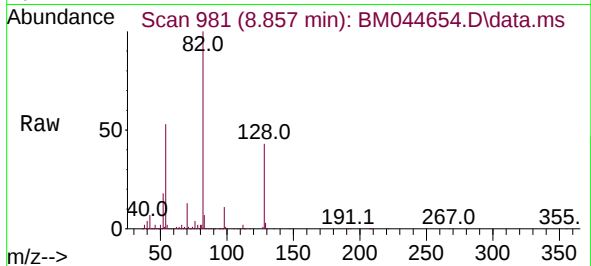




#23
Nitrobenzene-d5
Concen: 78.398 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

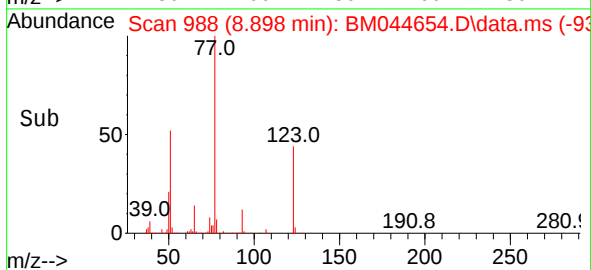
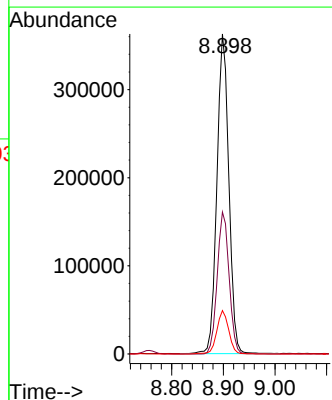
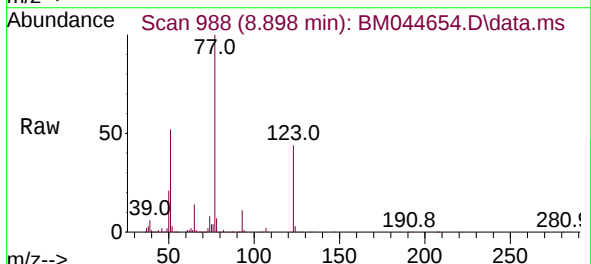
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

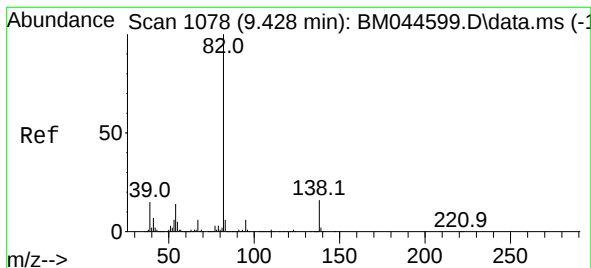
Tgt Ion: 82 Resp: 1186909
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 52.6 41.3 61.9



#24
Nitrobenzene
Concen: 38.678 ng
RT: 8.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion: 77 Resp: 578842
Ion Ratio Lower Upper
77 100
123 44.4 35.9 53.9
65 13.5 10.7 16.1





#25

Isophorone

Concen: 39.350 ng

RT: 9.422 min Scan# 1077

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

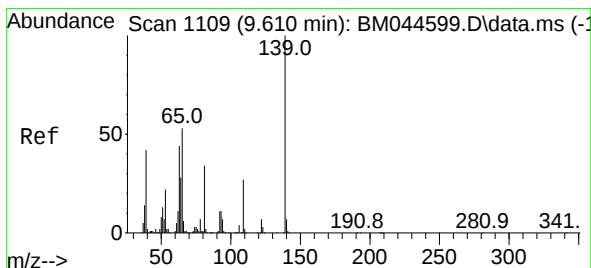
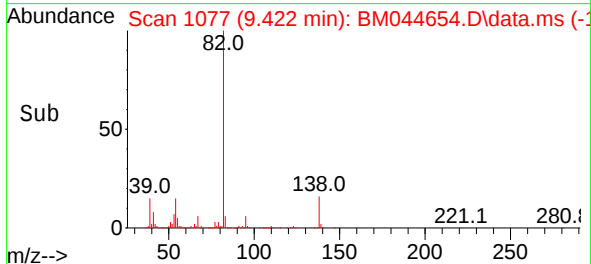
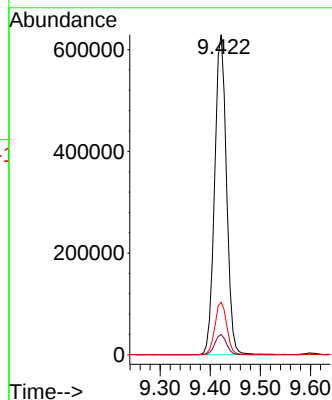
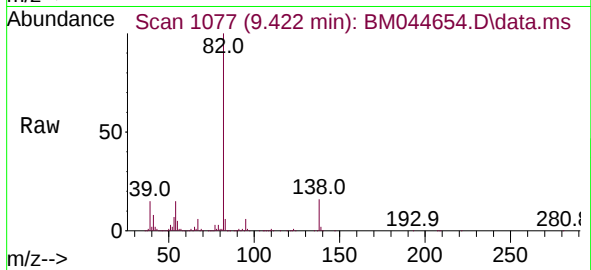
Tgt Ion: 82 Resp: 1027888

Ion Ratio Lower Upper

82 100

95 6.3 4.9 7.3

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 39.606 ng

RT: 9.604 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

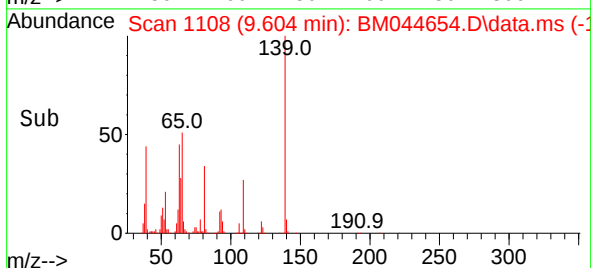
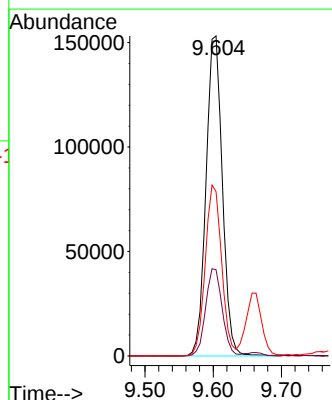
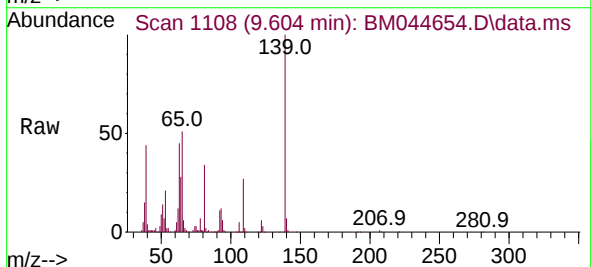
Tgt Ion:139 Resp: 255766

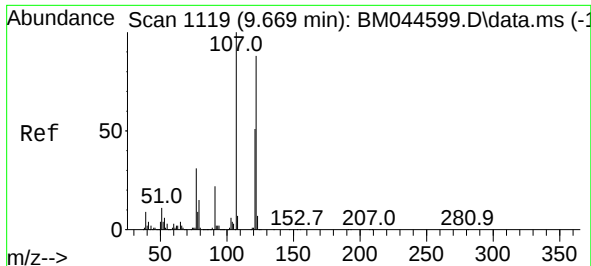
Ion Ratio Lower Upper

139 100

109 26.9 21.2 31.8

65 51.4 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 39.552 ng

RT: 9.663 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

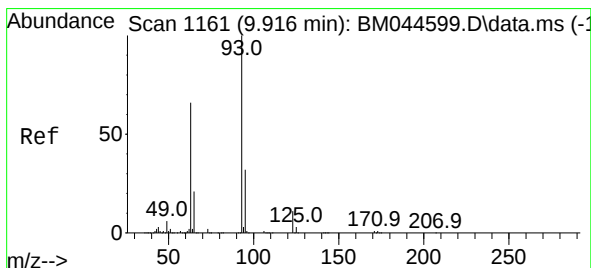
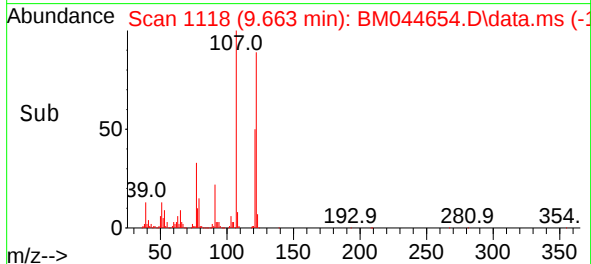
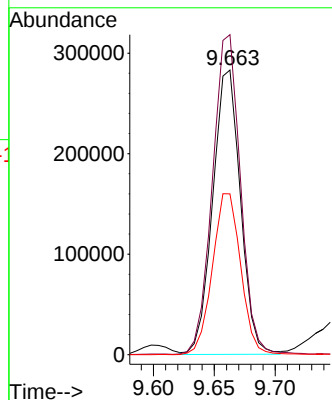
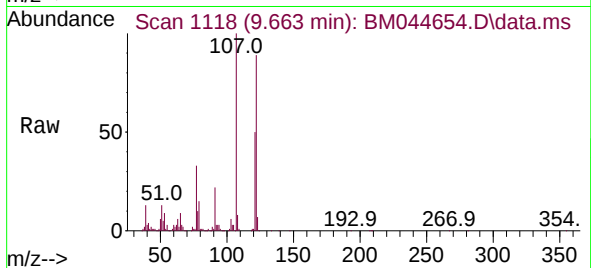
Tgt Ion:122 Resp: 449177

Ion Ratio Lower Upper

122 100

107 112.4 90.5 135.7

121 56.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.024 ng

RT: 9.904 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

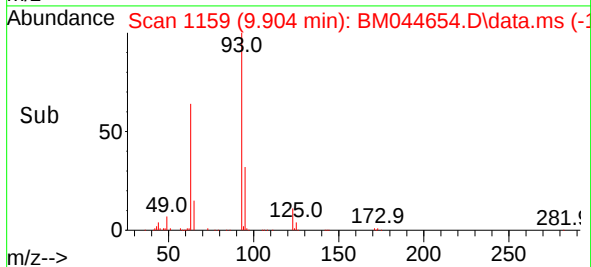
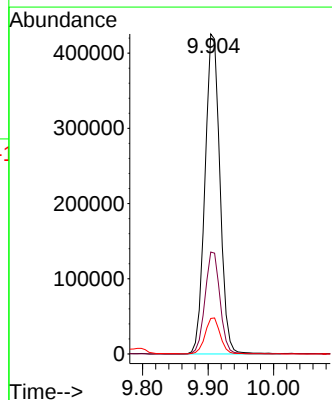
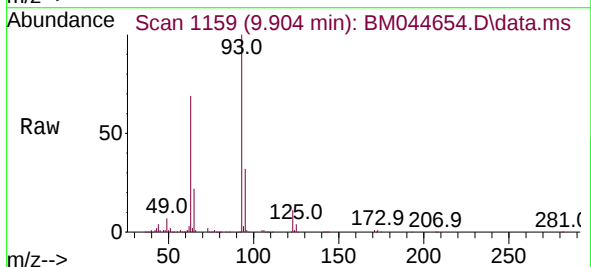
Tgt Ion: 93 Resp: 676920

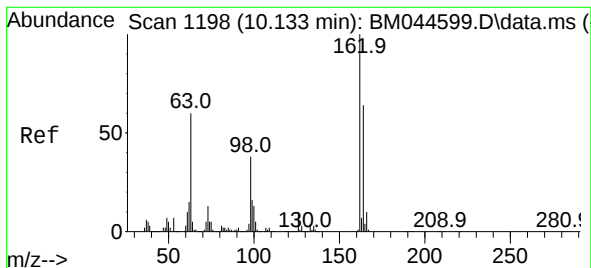
Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

123 11.1 9.0 13.4

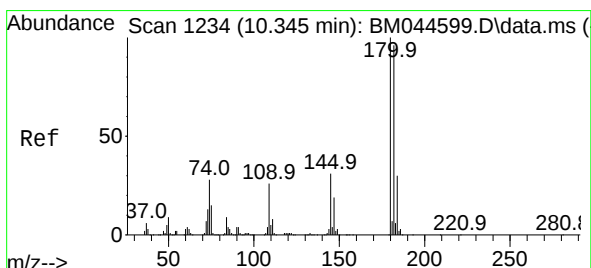
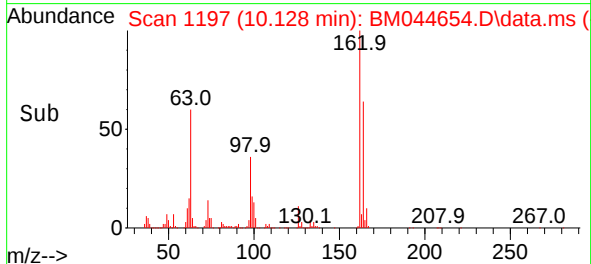
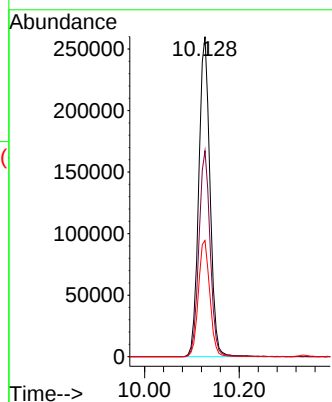
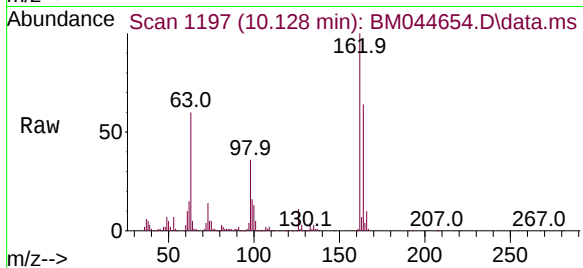




#29
2,4-Dichlorophenol
Concen: 39.542 ng
RT: 10.128 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

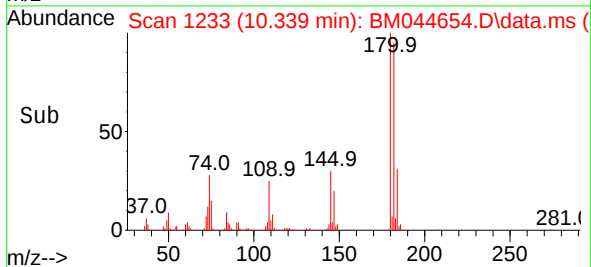
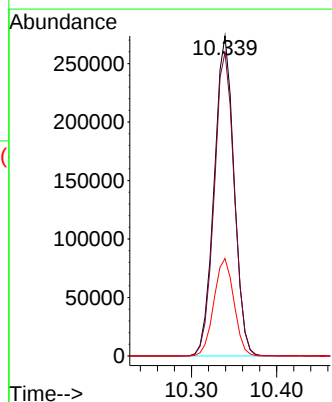
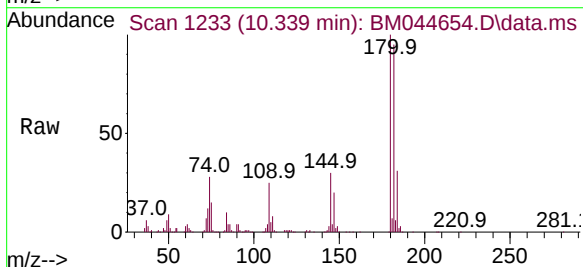
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

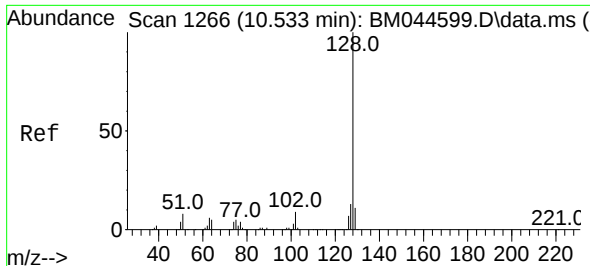
Tgt Ion:162 Resp: 427991
Ion Ratio Lower Upper
162 100
164 64.4 44.1 84.1
98 36.3 18.0 58.0



#30
1,2,4-Trichlorobenzene
Concen: 38.415 ng
RT: 10.339 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:180 Resp: 442341
Ion Ratio Lower Upper
180 100
182 94.8 76.6 115.0
145 30.4 24.6 36.8

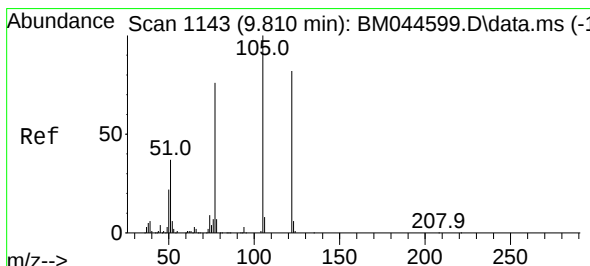
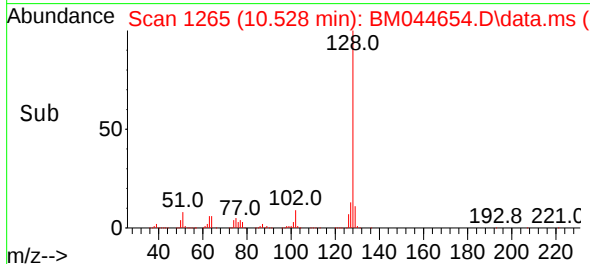
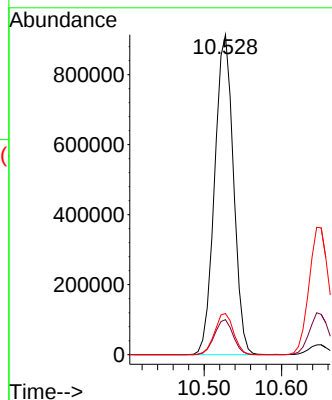
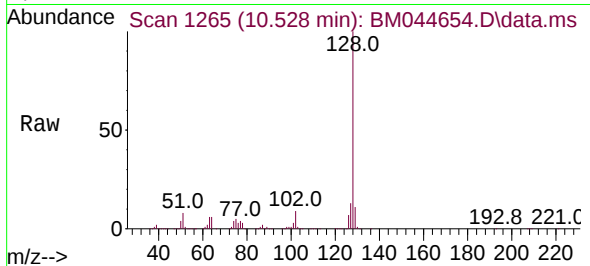




#31
Naphthalene
Concen: 38.441 ng
RT: 10.528 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

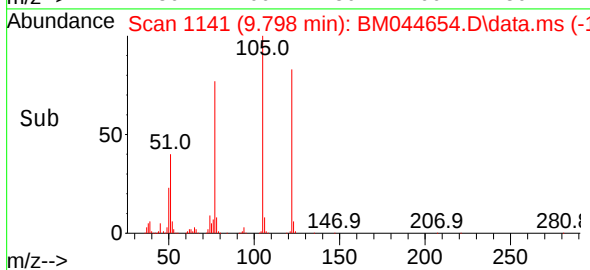
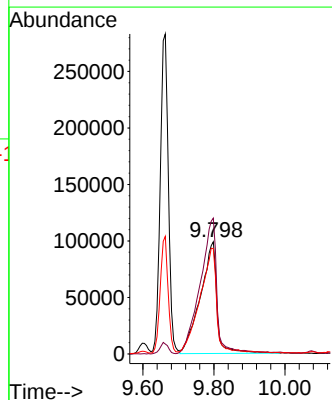
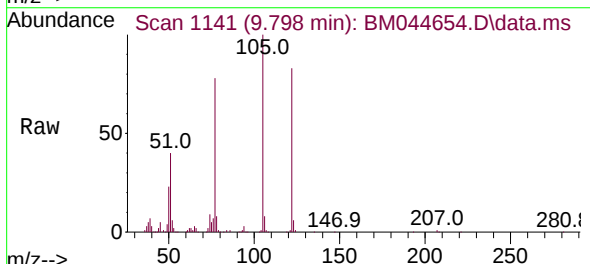
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

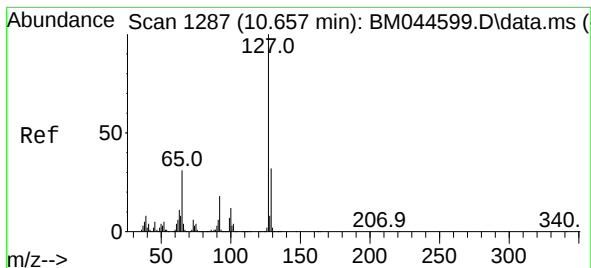
Tgt Ion:128 Resp: 1538711
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 36.448 ng
RT: 9.798 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:122 Resp: 321801
Ion Ratio Lower Upper
122 100
105 121.2 100.0 140.0
77 94.0 72.5 112.5





#33

4-Chloroaniline

Concen: 39.320 ng

RT: 10.645 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 660289

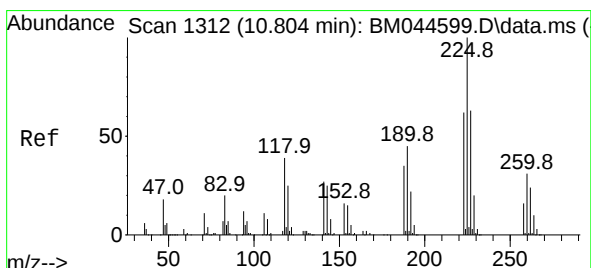
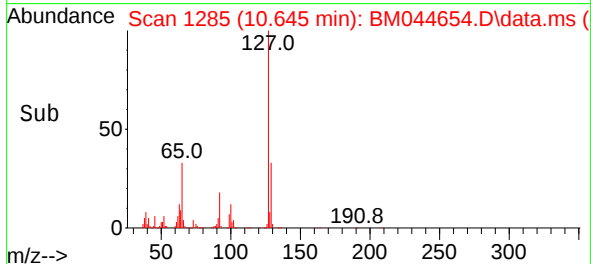
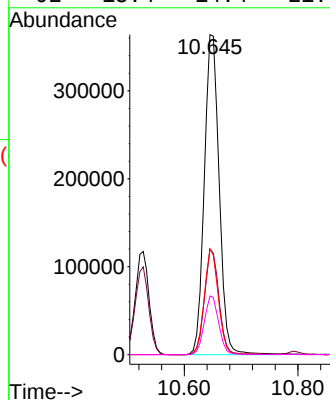
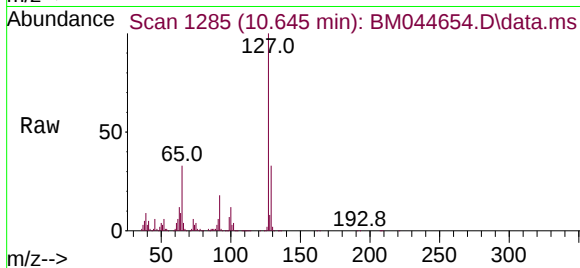
Ion Ratio Lower Upper

127 100

129 33.0 25.6 38.4

65 33.0 25.1 37.7

92 18.4 14.4 21.6



#34

Hexachlorobutadiene

Concen: 39.353 ng

RT: 10.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

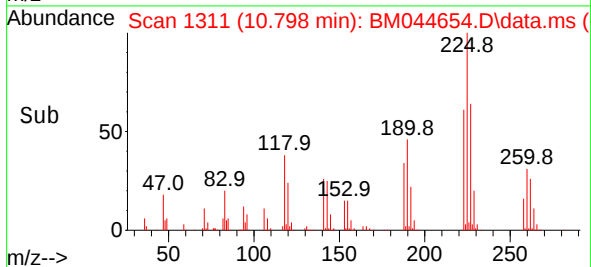
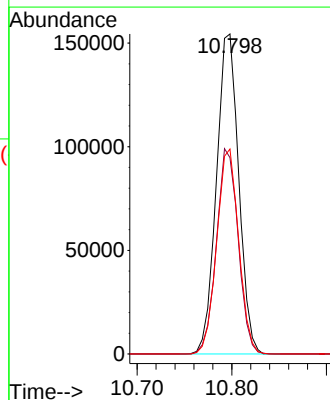
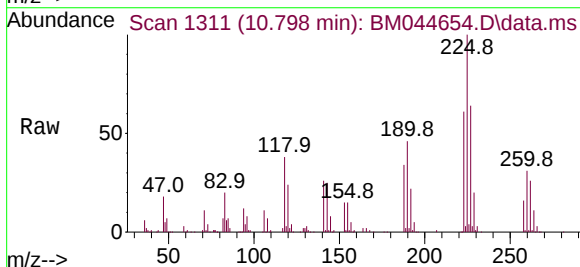
Tgt Ion:225 Resp: 252651

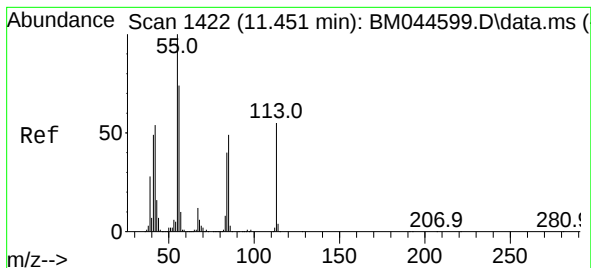
Ion Ratio Lower Upper

225 100

223 61.3 49.9 74.9

227 64.1 50.6 75.8

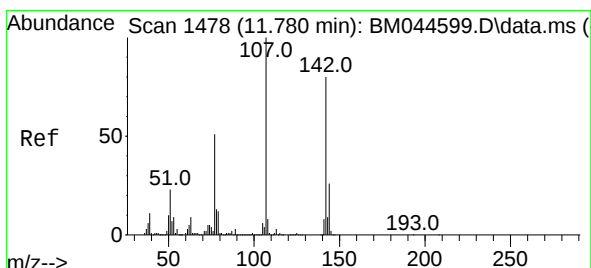
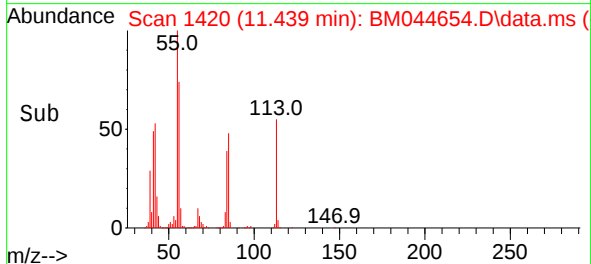
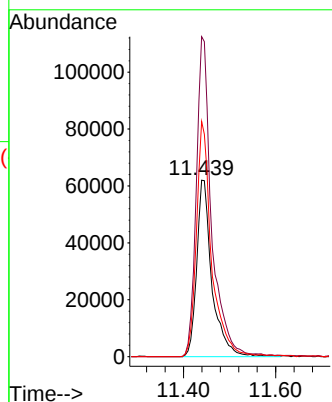
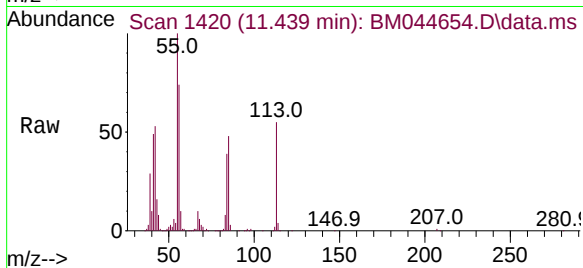




#35
Caprolactam
Concen: 40.941 ng
RT: 11.439 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

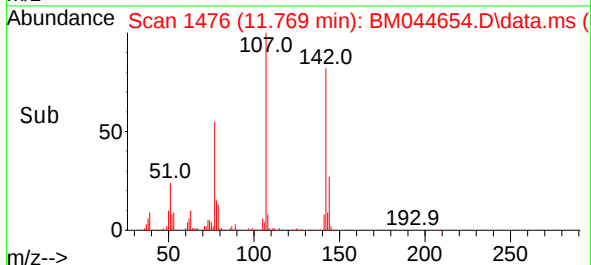
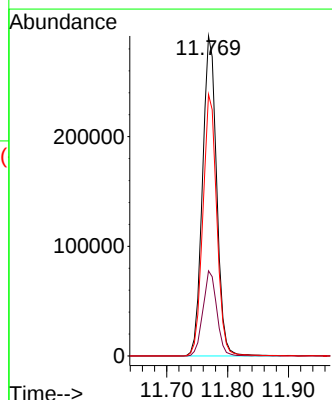
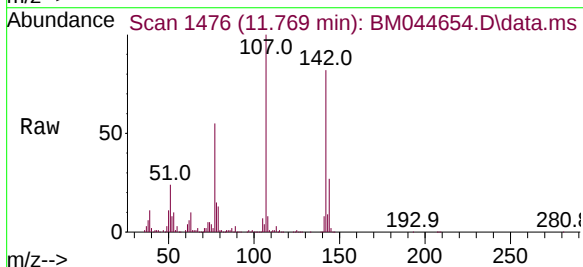
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

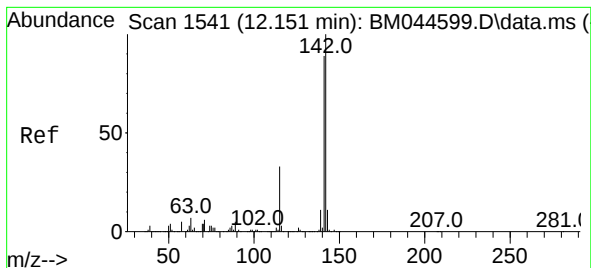
Tgt Ion:113 Resp: 142944
Ion Ratio Lower Upper
113 100
55 181.3 161.1 201.1
56 133.3 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 39.632 ng
RT: 11.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:107 Resp: 470711
Ion Ratio Lower Upper
107 100
144 26.6 20.8 31.2
142 81.8 63.8 95.8





#37

2-Methylnaphthalene

Concen: 38.838 ng

RT: 12.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

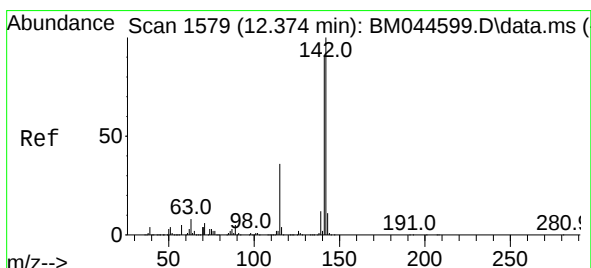
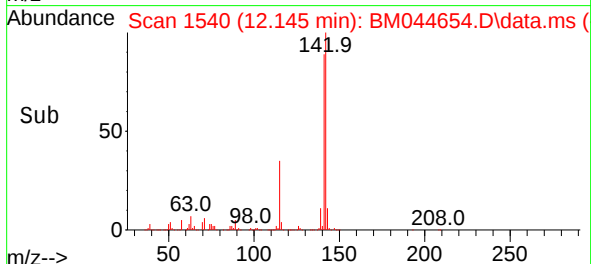
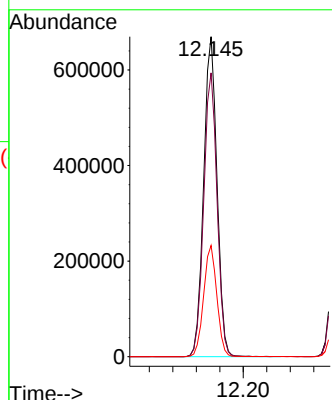
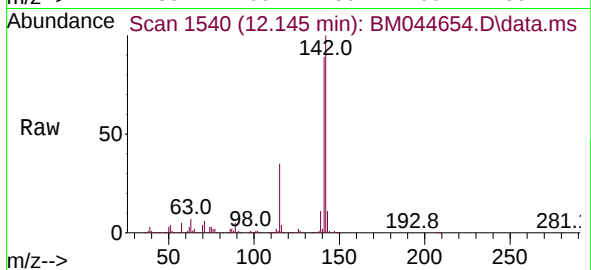
Tgt Ion:142 Resp: 1055148

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

115 34.7 26.6 40.0



#38

1-Methylnaphthalene

Concen: 38.930 ng

RT: 12.363 min Scan# 1577

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

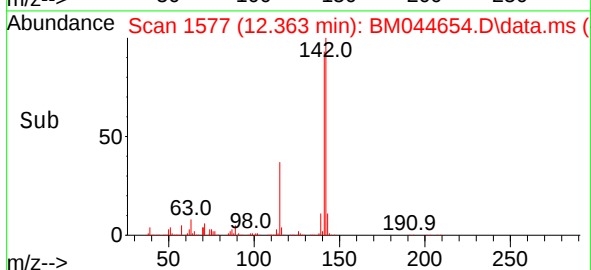
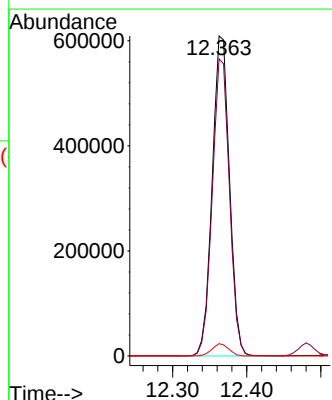
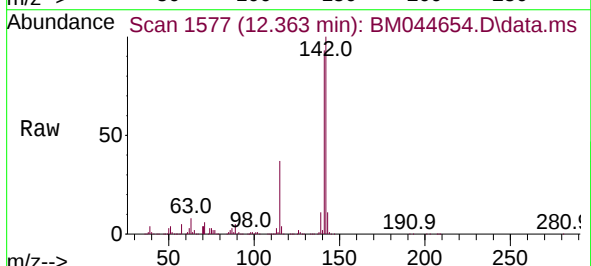
Tgt Ion:142 Resp: 985735

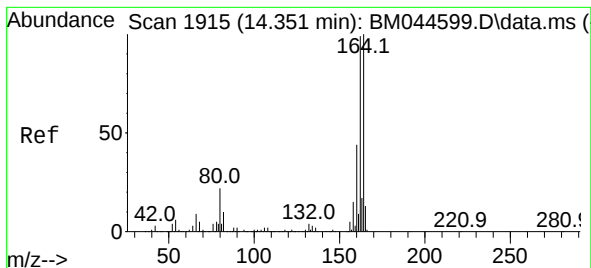
Ion Ratio Lower Upper

142 100

141 92.9 72.9 109.3

116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.339 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

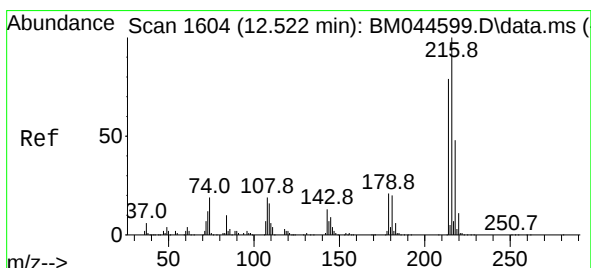
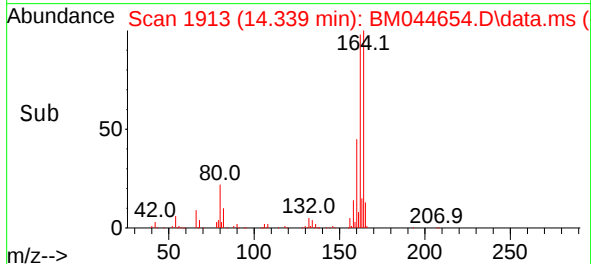
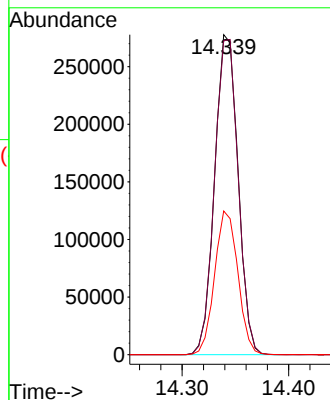
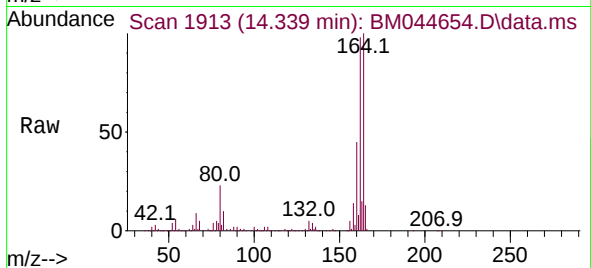
Tgt Ion:164 Resp: 422995

Ion Ratio Lower Upper

164 100

162 98.1 79.3 118.9

160 44.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.249 ng

RT: 12.510 min Scan# 1602

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Tgt Ion:216 Resp: 459124

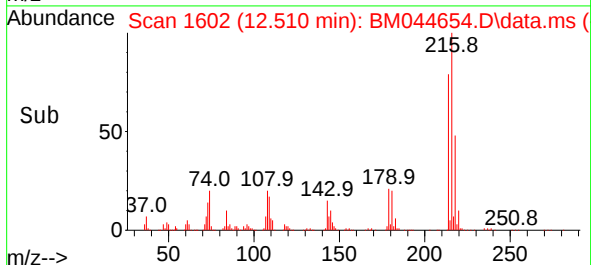
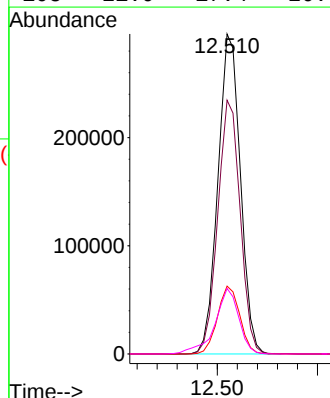
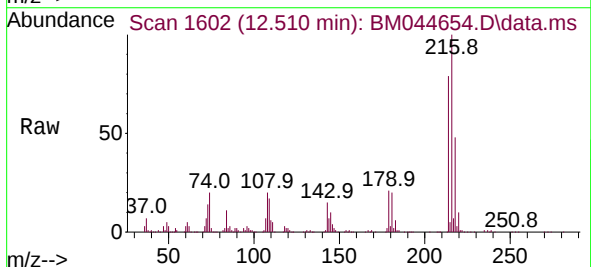
Ion Ratio Lower Upper

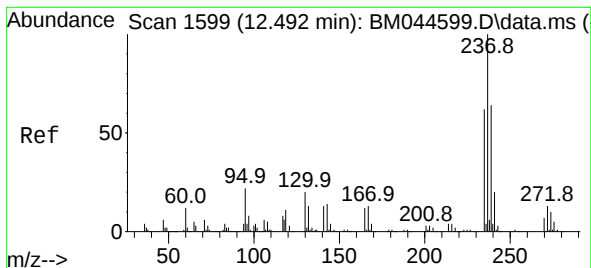
216 100

214 79.0 62.9 94.3

179 21.0 16.9 25.3

108 21.9 17.4 26.0





#41

Hexachlorocyclopentadiene

Concen: 38.371 ng

RT: 12.480 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

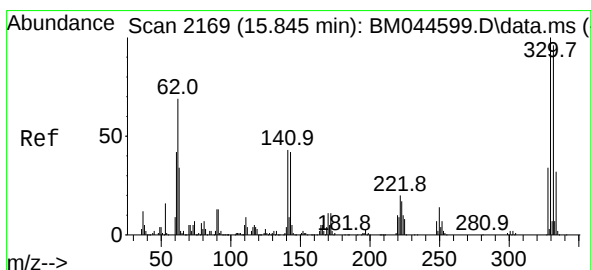
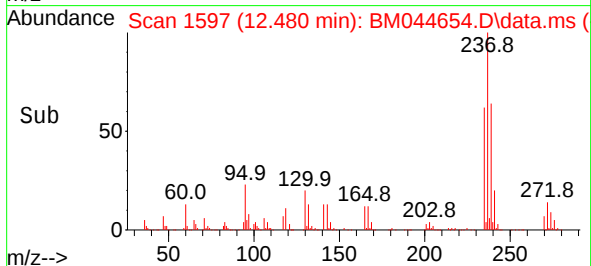
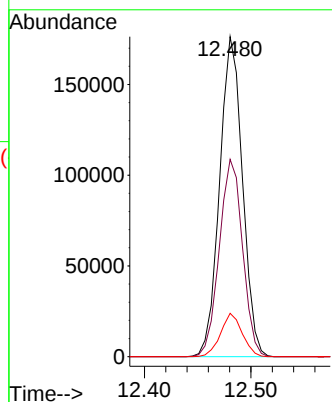
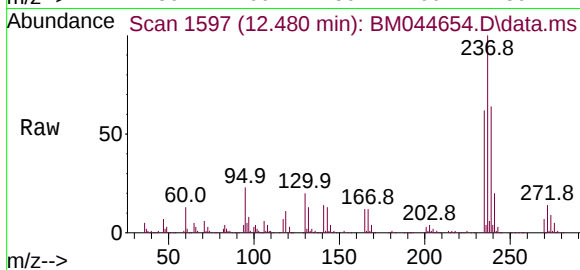
Tgt Ion:237 Resp: 262394

Ion Ratio Lower Upper

237 100

235 61.7 42.1 82.1

272 13.6 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 82.784 ng

RT: 15.839 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

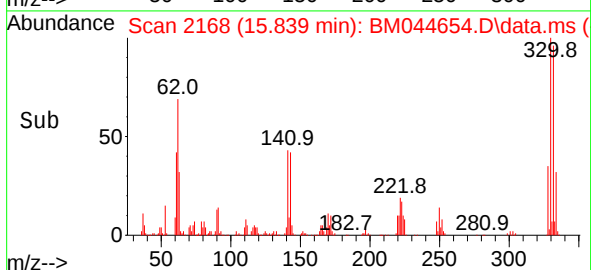
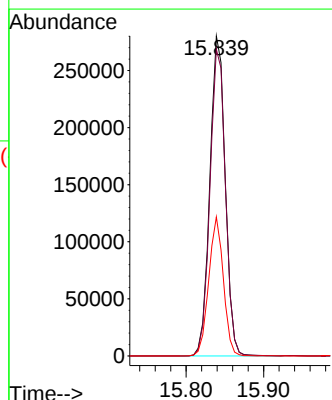
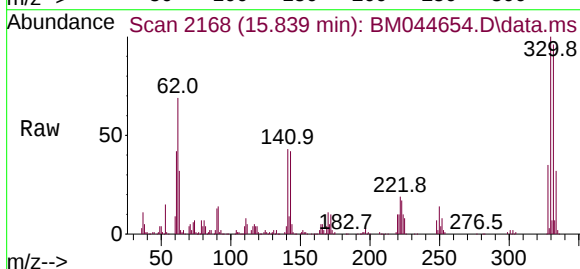
Tgt Ion:330 Resp: 386225

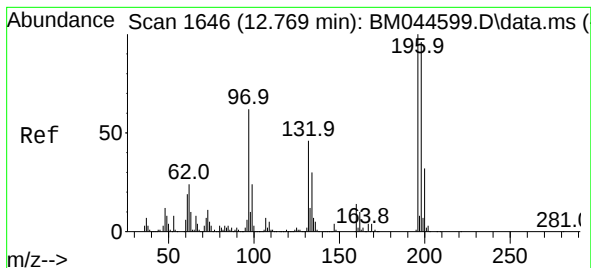
Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 41.4 33.4 50.0

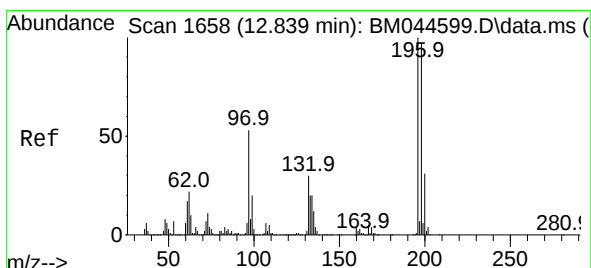
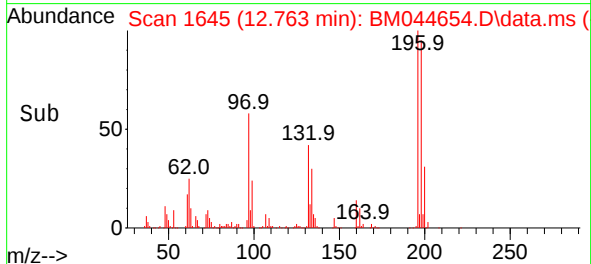
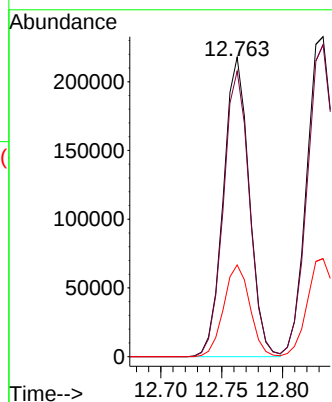
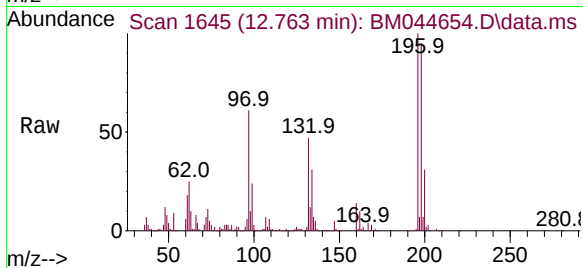




#43
2,4,6-Trichlorophenol
Concen: 39.699 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

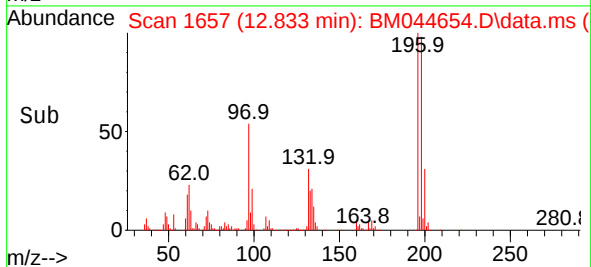
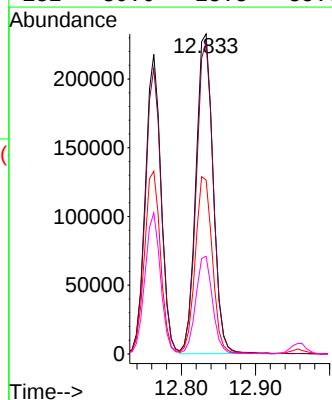
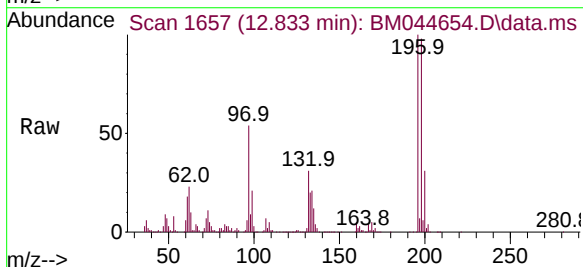
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

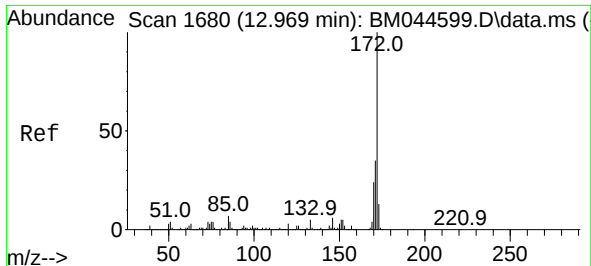
Tgt Ion:196 Resp: 321778
Ion Ratio Lower Upper
196 100
198 95.3 76.9 115.3
200 30.6 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 39.030 ng
RT: 12.833 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:196 Resp: 374843
Ion Ratio Lower Upper
196 100
198 97.5 77.7 116.5
97 54.3 42.8 64.2
132 30.6 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 78.381 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

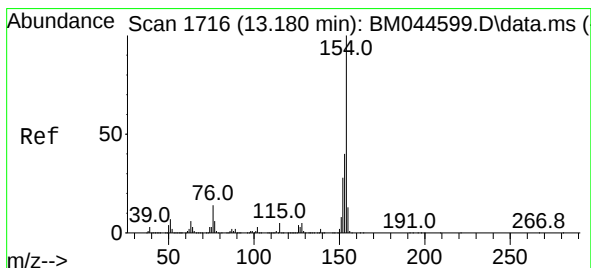
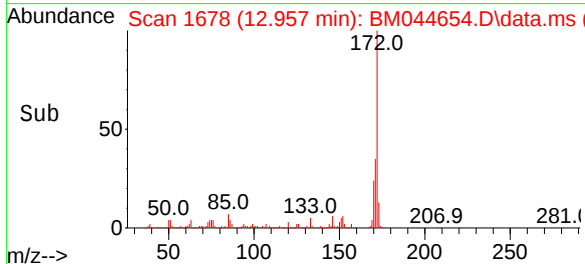
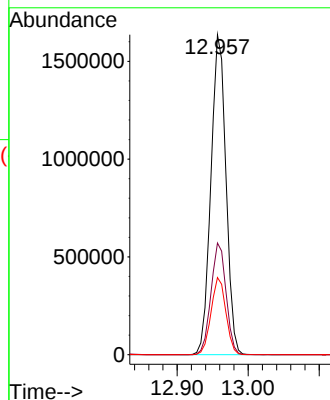
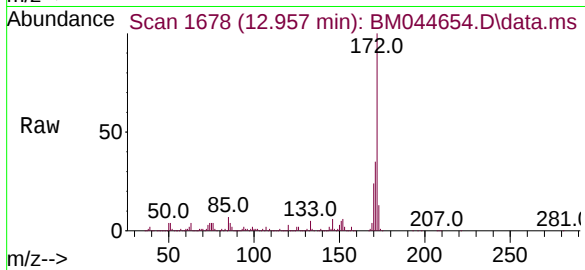
Tgt Ion:172 Resp: 2407373

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.334 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

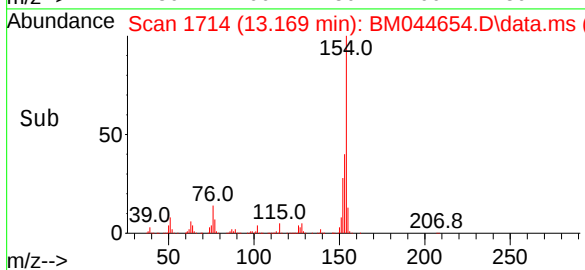
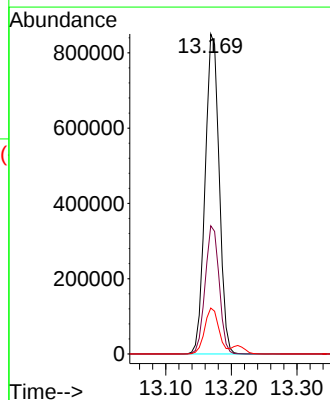
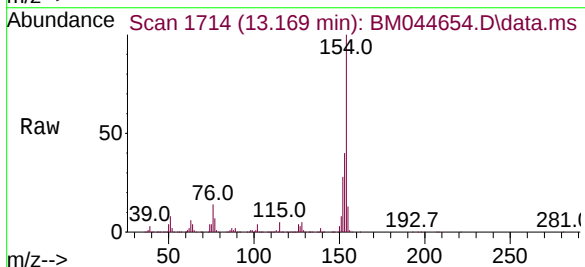
Tgt Ion:154 Resp: 1268204

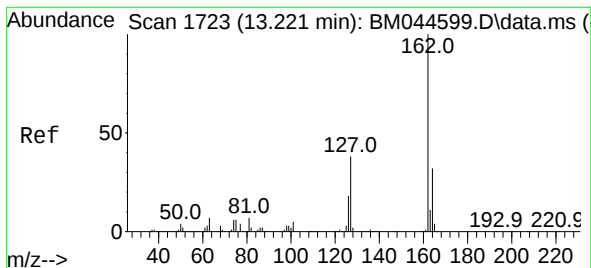
Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

76 14.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 38.388 ng

RT: 13.210 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

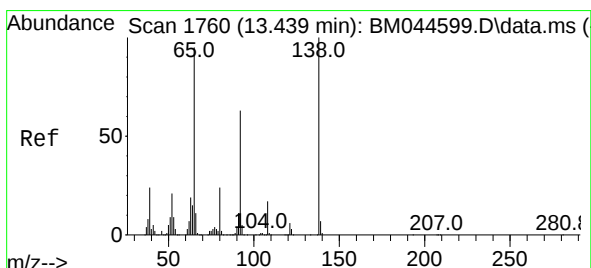
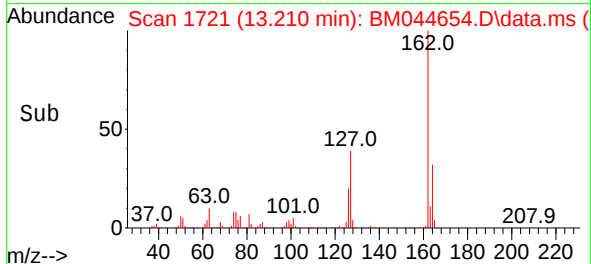
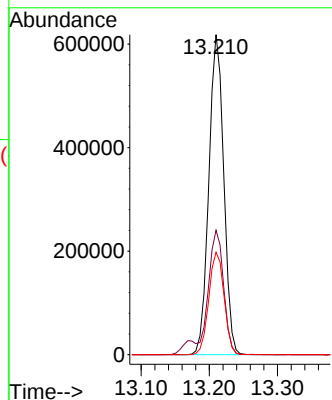
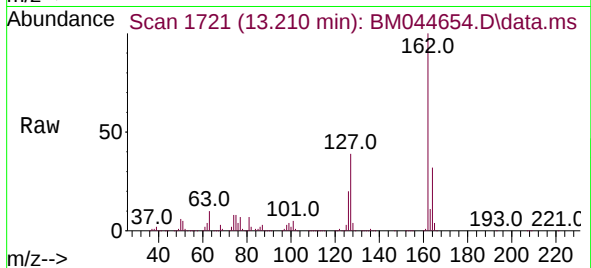
Tgt Ion:162 Resp: 939119

Ion Ratio Lower Upper

162 100

127 38.9 31.4 47.0

164 32.0 25.8 38.8



#48

2-Nitroaniline

Concen: 39.850 ng

RT: 13.427 min Scan# 1758

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

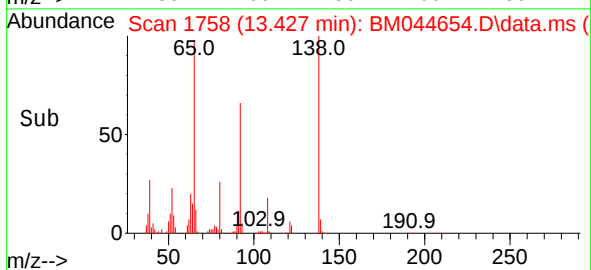
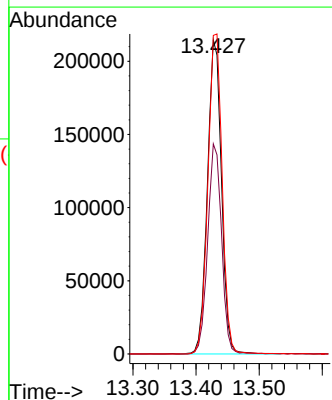
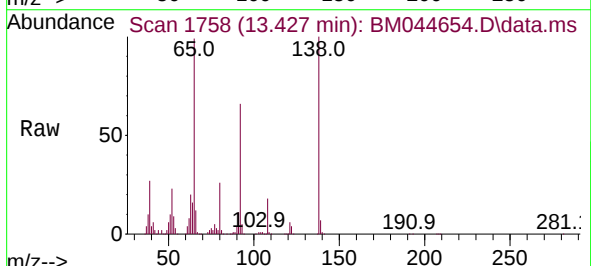
Tgt Ion: 65 Resp: 330784

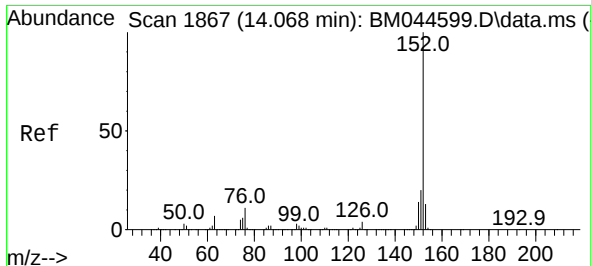
Ion Ratio Lower Upper

65 100

92 66.9 53.3 79.9

138 101.4 84.3 126.5





#49

Acenaphthylene

Concen: 39.081 ng

RT: 14.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

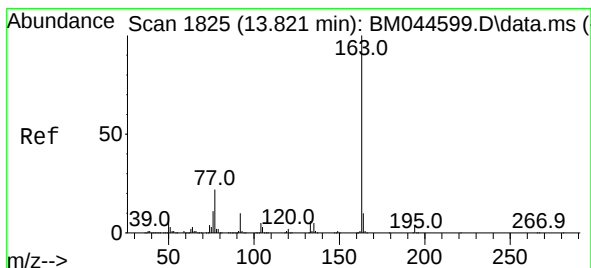
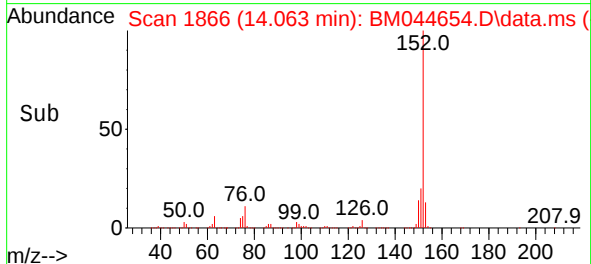
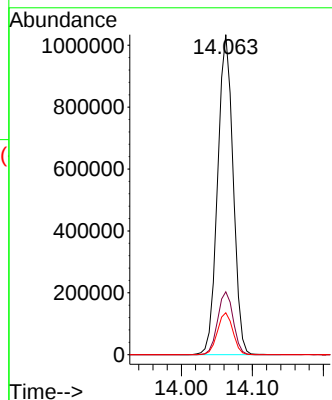
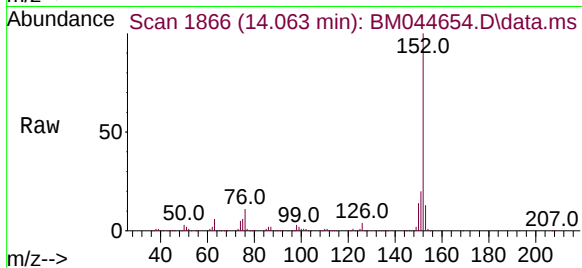
Tgt Ion:152 Resp: 1557483

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 39.060 ng

RT: 13.816 min Scan# 1824

Delta R.T. -0.005 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

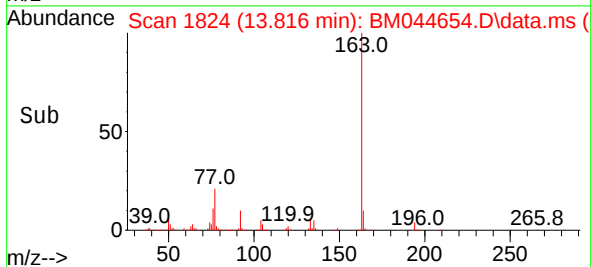
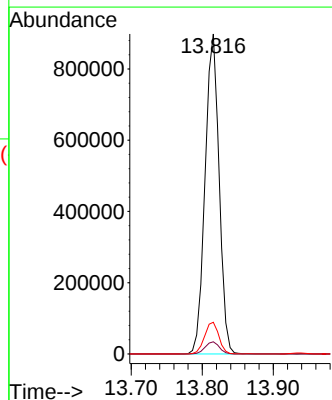
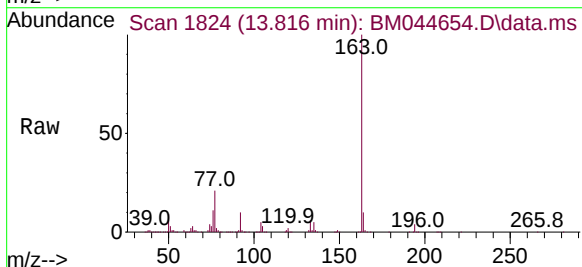
Tgt Ion:163 Resp: 1235820

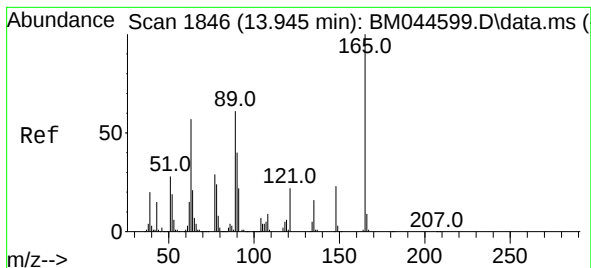
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.9 8.0 12.0

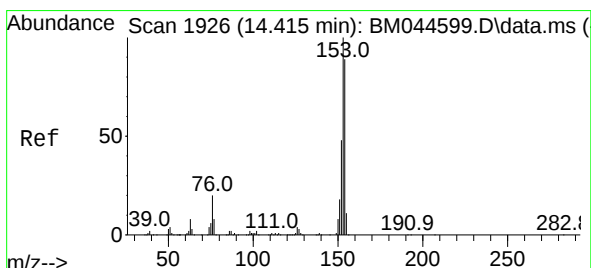
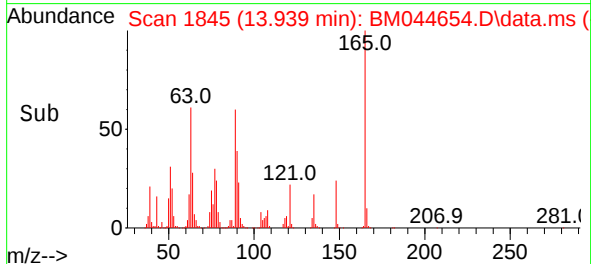
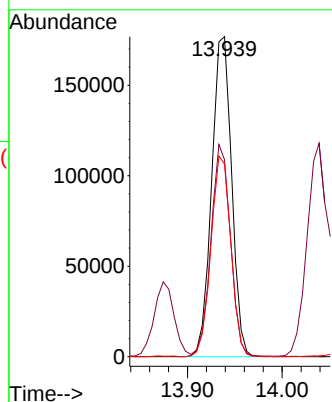
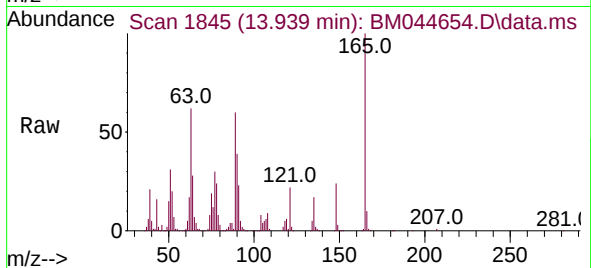




#51
2,6-Dinitrotoluene
Concen: 39.276 ng
RT: 13.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

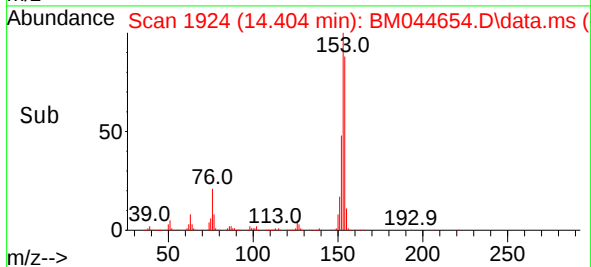
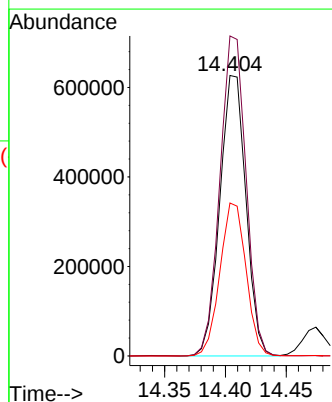
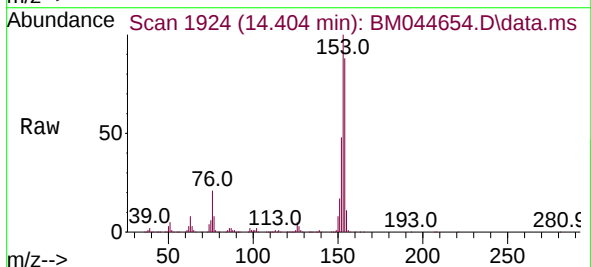
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

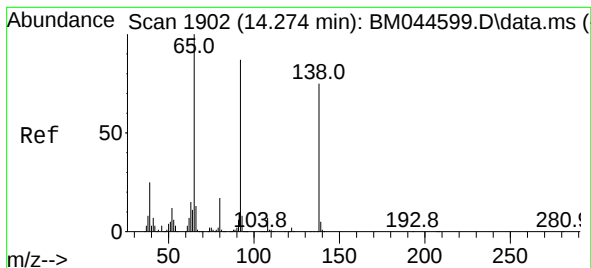
Tgt Ion:165 Resp: 258773
Ion Ratio Lower Upper
165 100
63 61.5 50.4 75.6
89 60.1 49.3 73.9



#52
Acenaphthene
Concen: 38.842 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:154 Resp: 935736
Ion Ratio Lower Upper
154 100
153 114.1 90.3 135.5
152 54.6 43.1 64.7

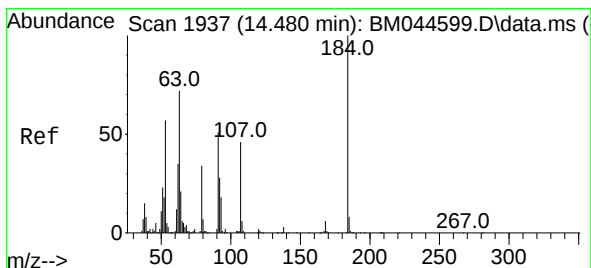
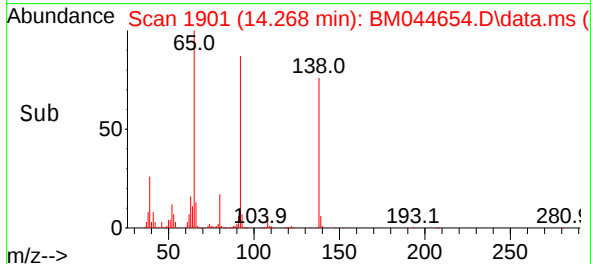
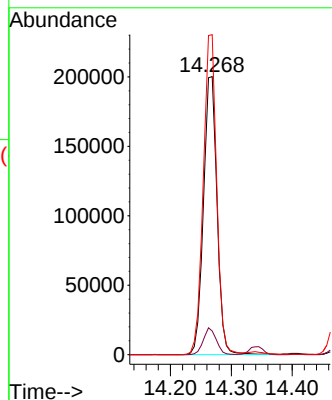
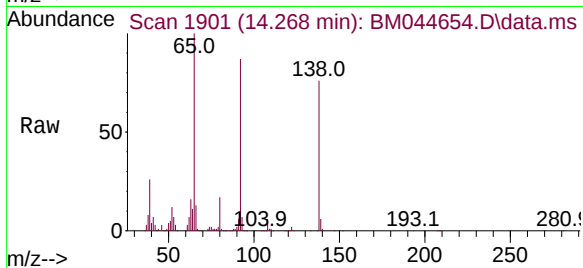




#53
3-Nitroaniline
Concen: 40.163 ng
RT: 14.268 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

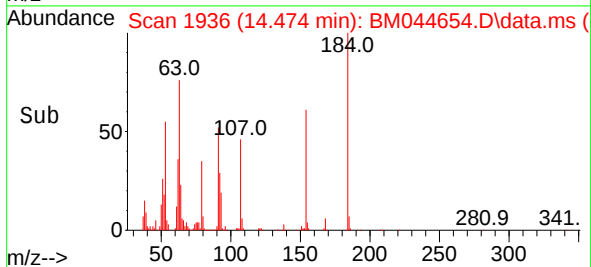
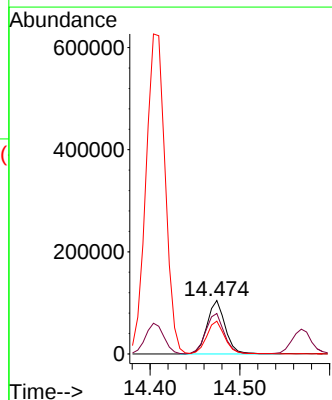
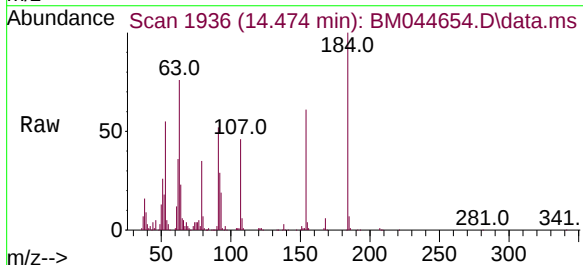
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

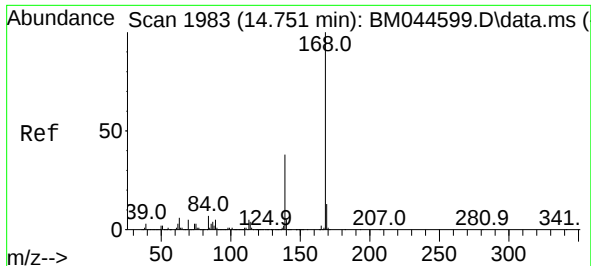
Tgt Ion:138 Resp: 309859
Ion Ratio Lower Upper
138 100
108 8.5 7.5 11.3
92 115.1 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 36.610 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:184 Resp: 146639
Ion Ratio Lower Upper
184 100
63 75.8 62.2 93.2
154 61.4 47.9 71.9

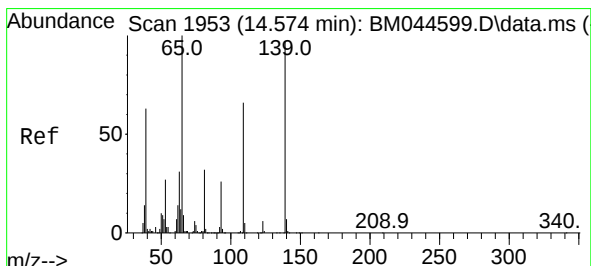
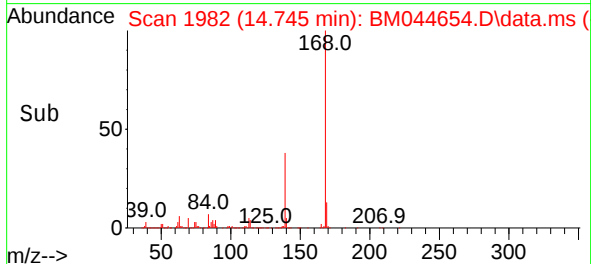
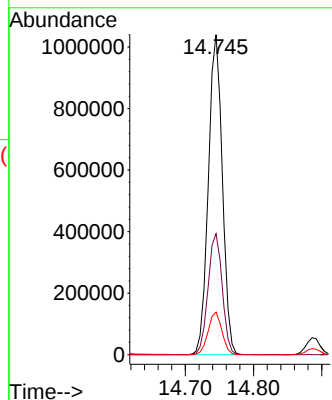
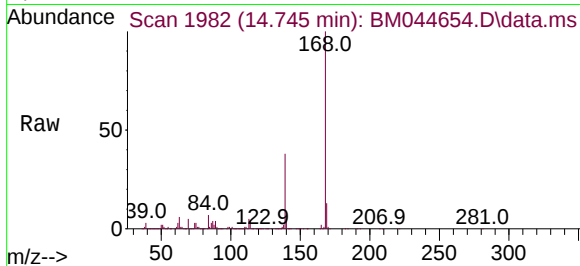




#55
Dibenzenofuran
Concen: 38.812 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

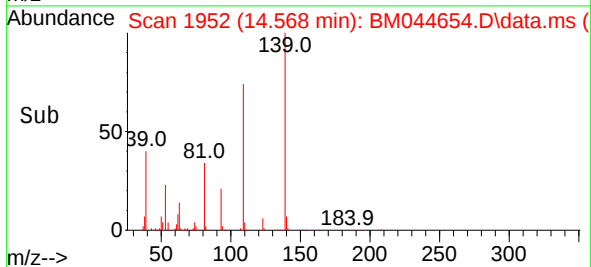
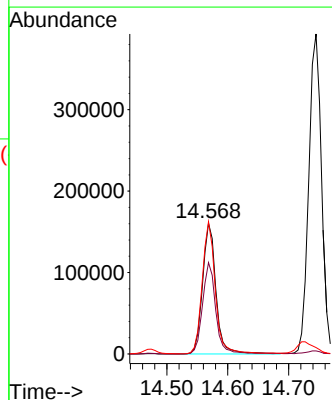
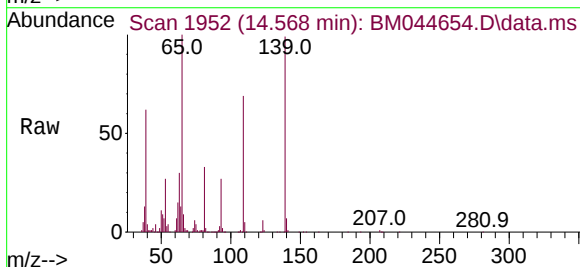
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

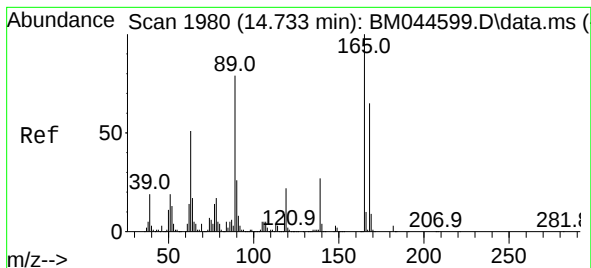
Tgt Ion:168 Resp: 1483980
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 38.658 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:139 Resp: 244946
Ion Ratio Lower Upper
139 100
109 69.9 48.0 88.0
65 101.2 83.5 123.5

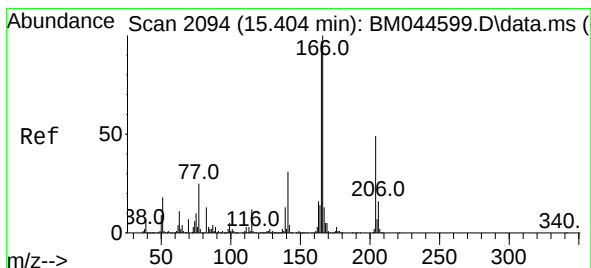
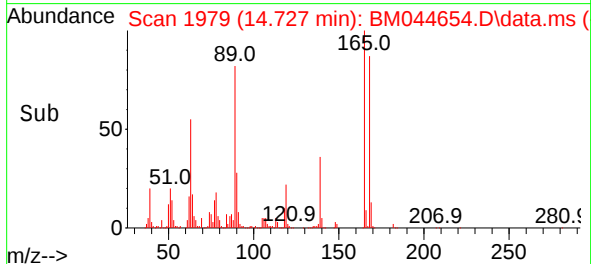
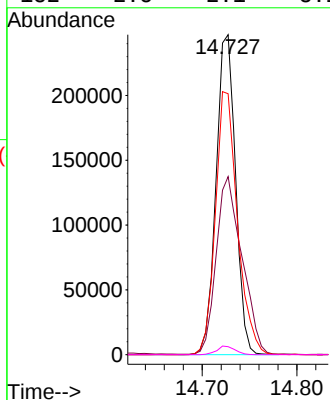
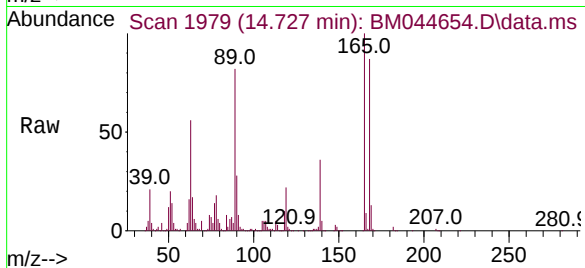




#57
2,4-Dinitrotoluene
Concen: 41.015 ng
RT: 14.727 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

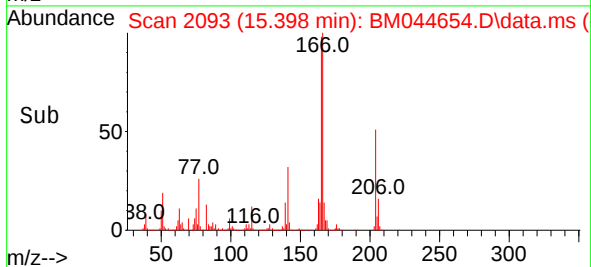
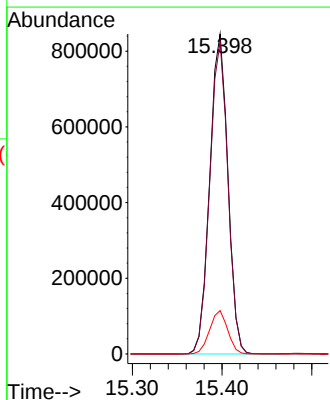
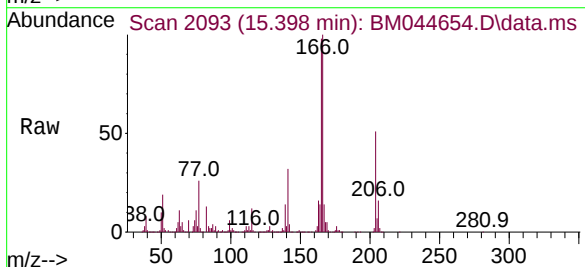
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

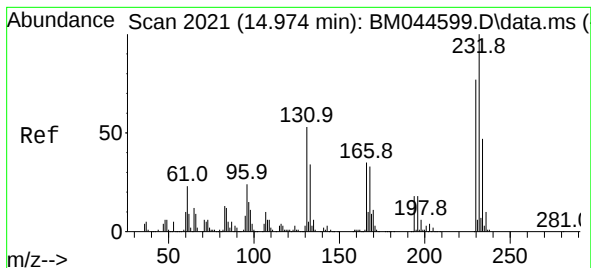
Tgt Ion:165 Resp: 353097
Ion Ratio Lower Upper
165 100
63 55.7 40.9 61.3
89 81.6 63.4 95.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 39.819 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:166 Resp: 1185624
Ion Ratio Lower Upper
166 100
165 97.5 77.7 116.5
167 13.5 10.8 16.2

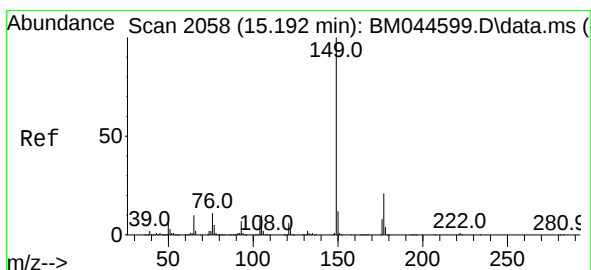
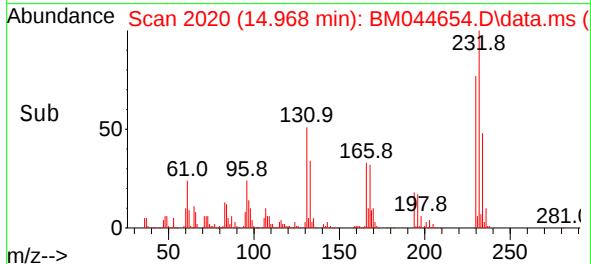
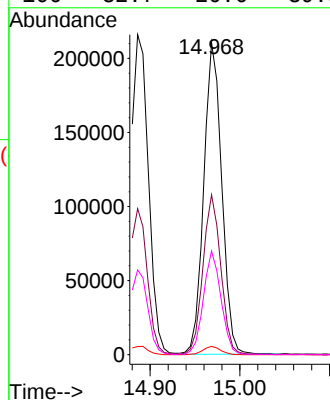
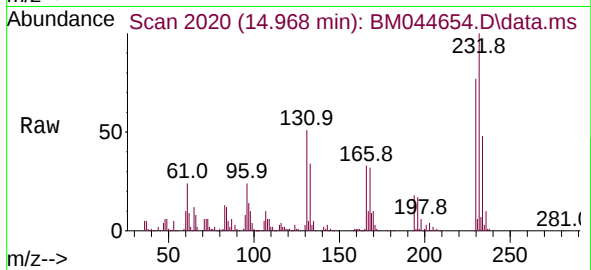




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.313 ng
RT: 14.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

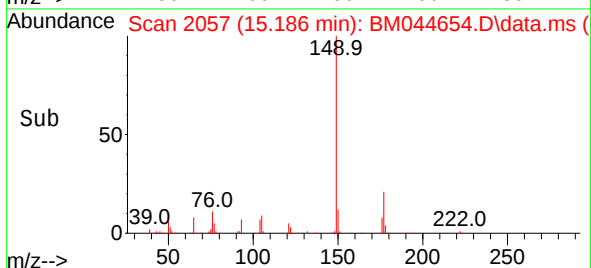
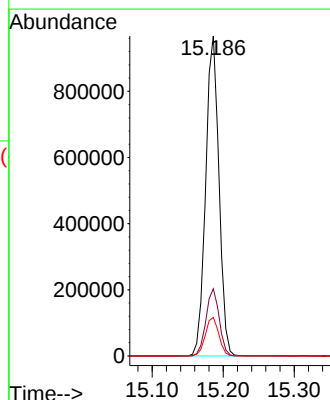
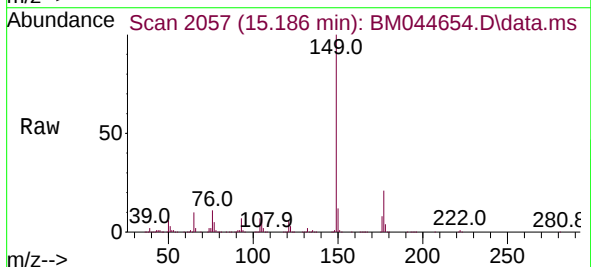
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

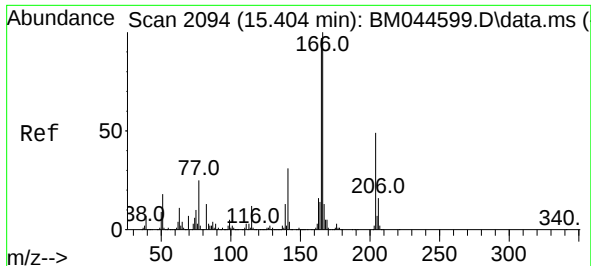
Tgt Ion:232 Resp: 293140
Ion Ratio Lower Upper
232 100
131 50.9 41.0 61.4
130 2.6 2.1 3.1
166 32.7 26.6 39.8



#60
Diethylphthalate
Concen: 39.334 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:149 Resp: 1259809
Ion Ratio Lower Upper
149 100
177 21.0 16.8 25.2
150 12.1 9.8 14.8

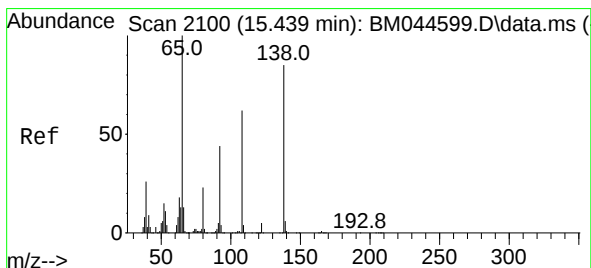
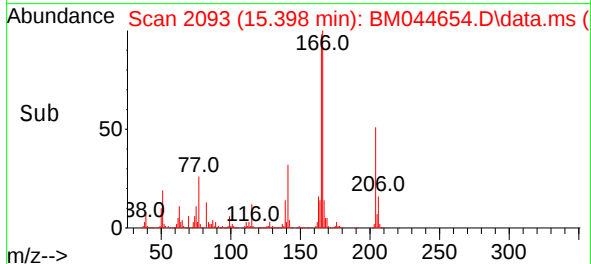
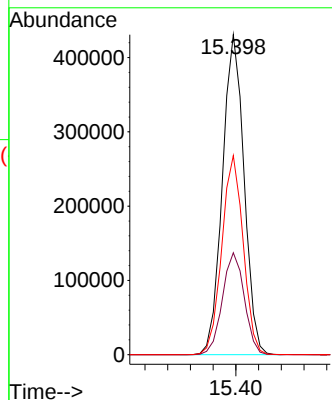
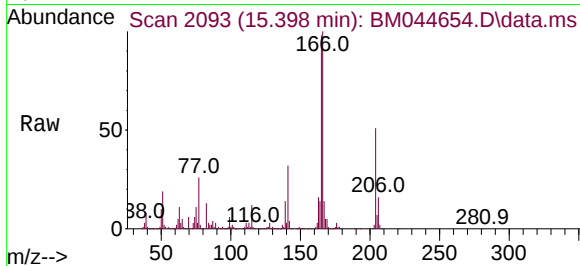




#61
4-Chlorophenyl-phenylether
Concen: 39.869 ng
RT: 15.398 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

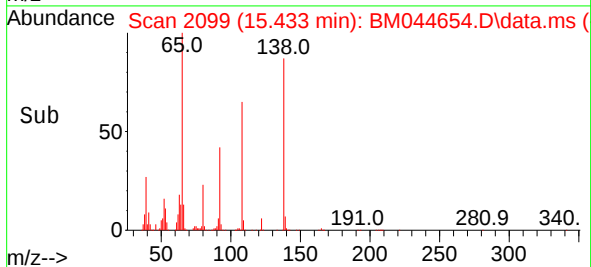
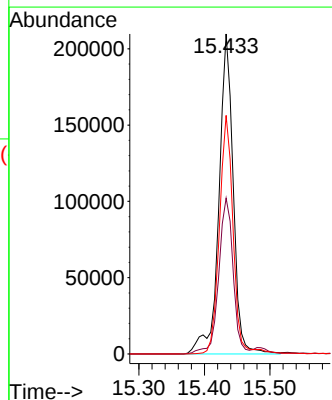
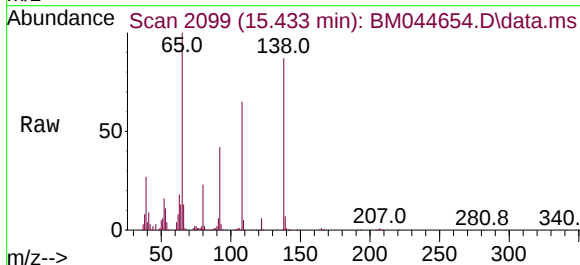
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

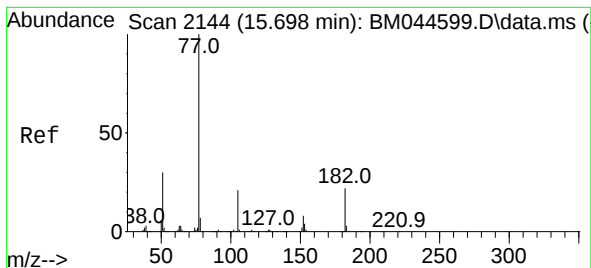
Tgt Ion:204 Resp: 569891
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 62.2 49.8 74.8



#62
4-Nitroaniline
Concen: 41.096 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:138 Resp: 316717
Ion Ratio Lower Upper
138 100
92 48.7 31.9 71.9
108 74.5 53.7 93.7





#63

Azobenzene

Concen: 40.080 ng

RT: 15.692 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1326946

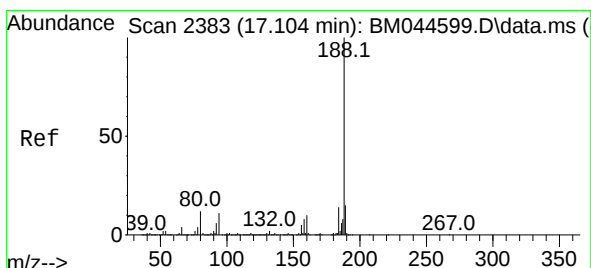
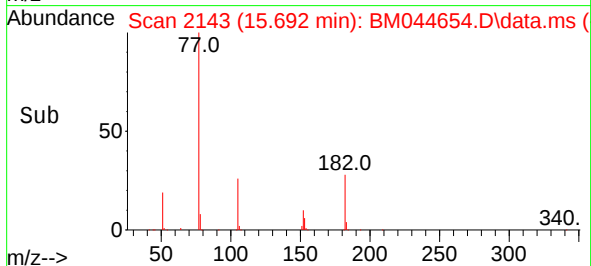
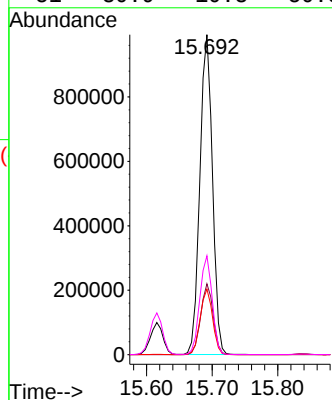
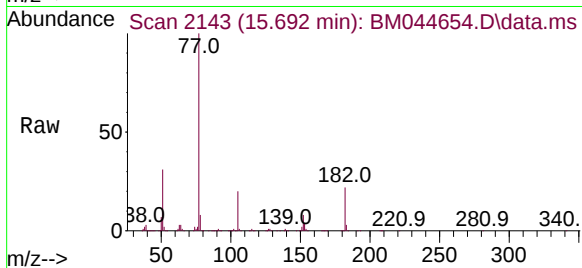
Ion Ratio Lower Upper

77 100

182 22.1 1.8 41.8

105 20.5 0.7 40.7

51 30.9 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 2382

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

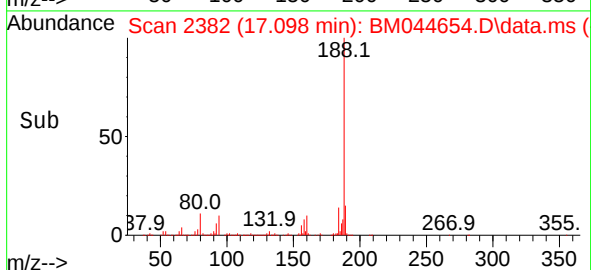
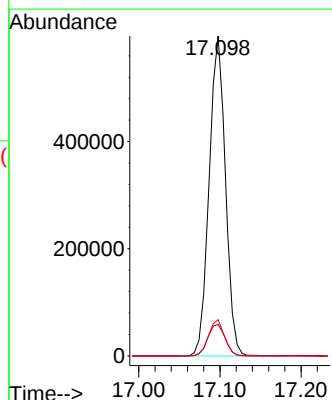
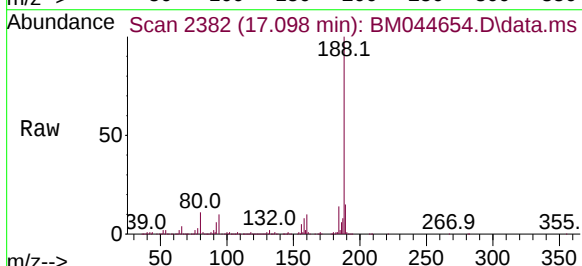
Tgt Ion:188 Resp: 831298

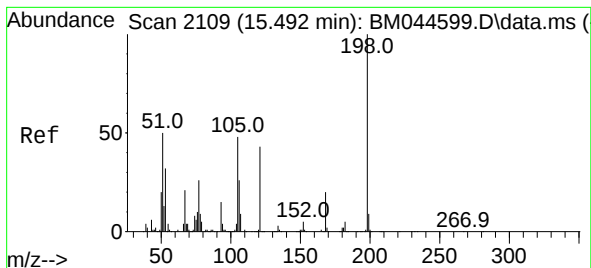
Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

80 11.4 9.4 14.0

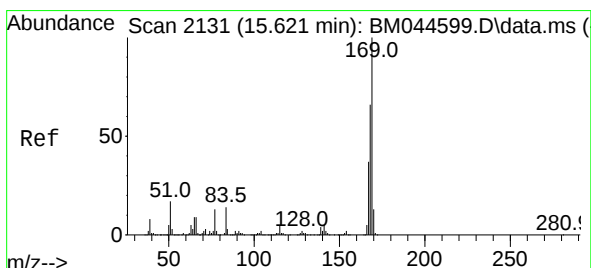
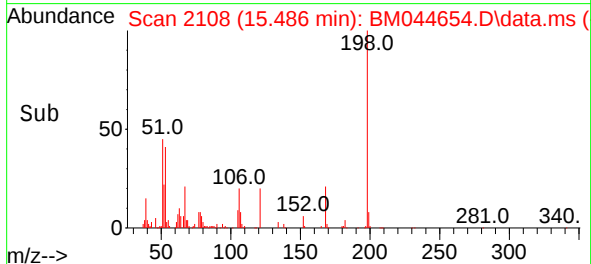
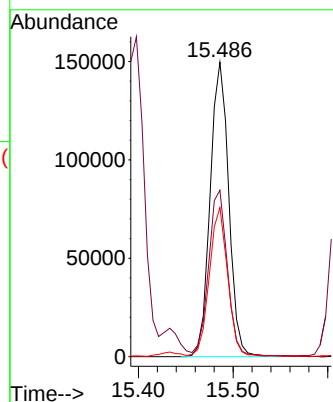
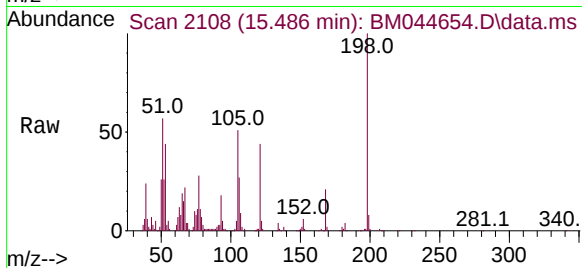




#65
4,6-Dinitro-2-methylphenol
Concen: 39.045 ng
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

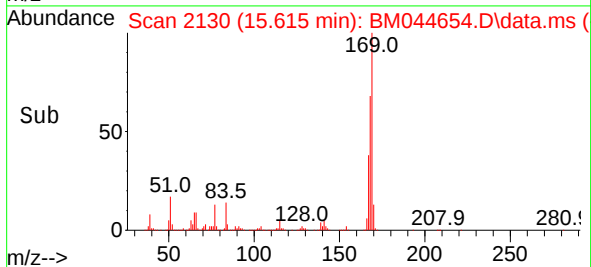
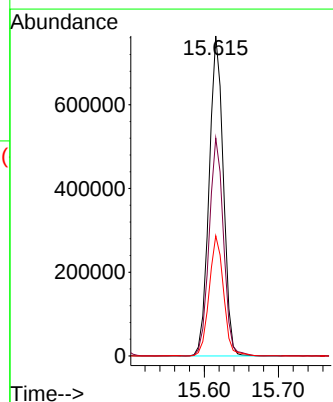
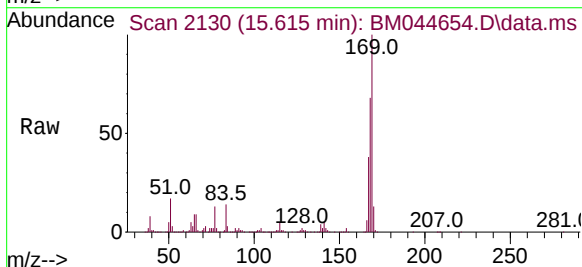
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

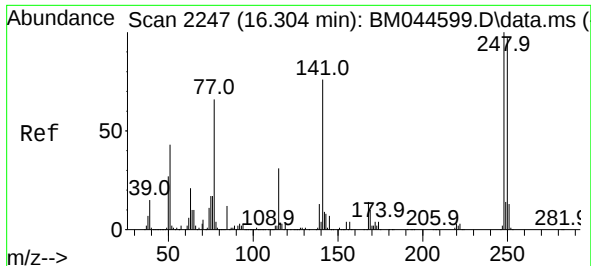
Tgt Ion:198 Resp: 203554
Ion Ratio Lower Upper
198 100
51 56.5 35.0 75.0
105 50.7 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 39.290 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:169 Resp: 1017936
Ion Ratio Lower Upper
169 100
168 68.1 53.1 79.7
167 37.5 29.5 44.3





#67

4-Bromophenyl-phenylether

Concen: 38.995 ng

RT: 16.292 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

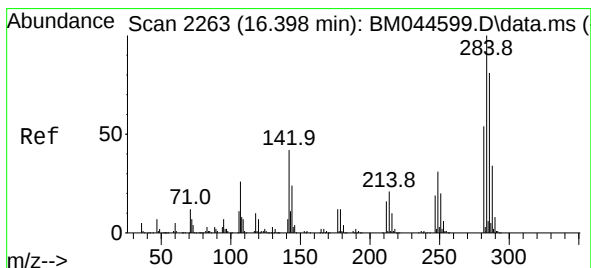
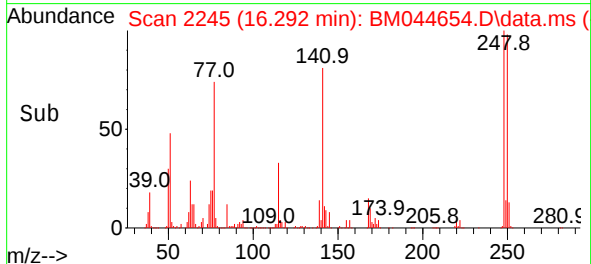
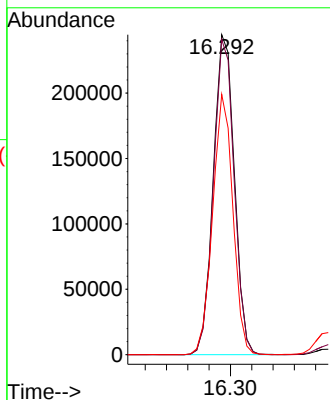
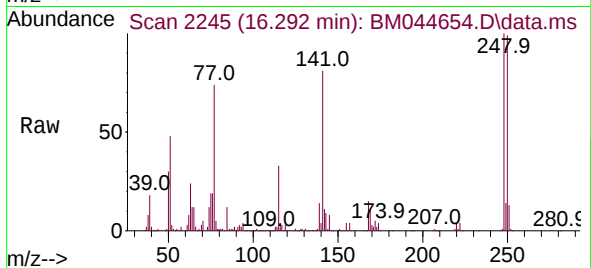
Tgt Ion:248 Resp: 335299

Ion Ratio Lower Upper

248 100

250 98.5 77.8 116.8

141 81.4 60.6 90.8



#68

Hexachlorobenzene

Concen: 39.579 ng

RT: 16.392 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

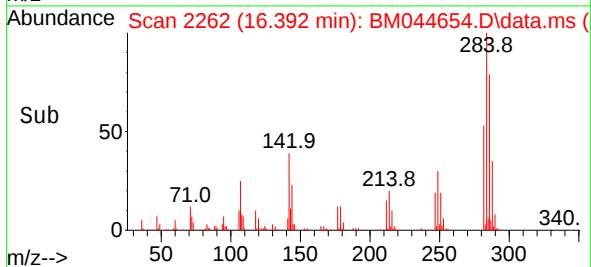
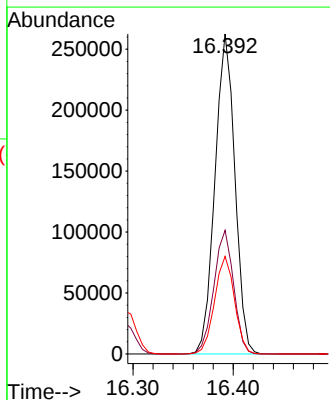
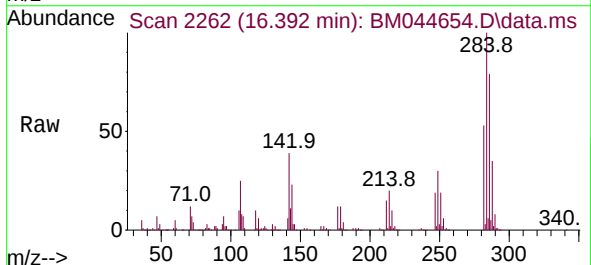
Tgt Ion:284 Resp: 361763

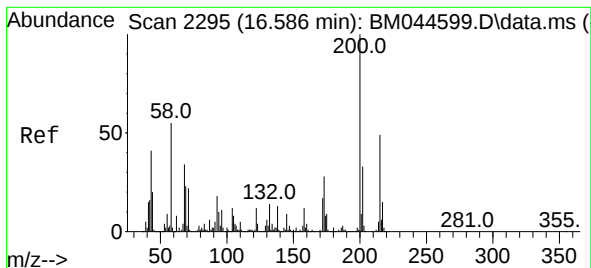
Ion Ratio Lower Upper

284 100

142 38.7 33.7 50.5

249 30.5 24.8 37.2





#69

Atrazine

Concen: 40.562 ng

RT: 16.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

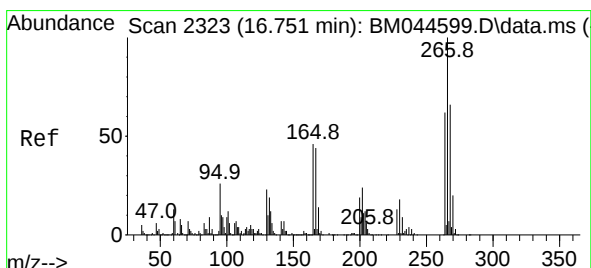
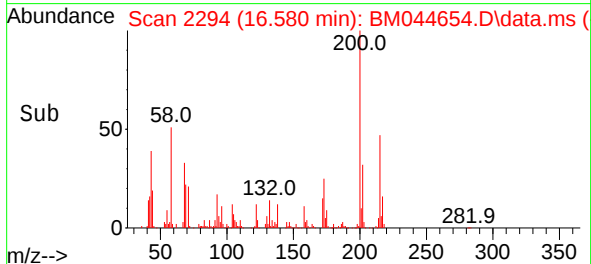
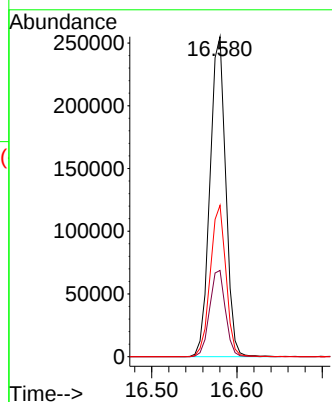
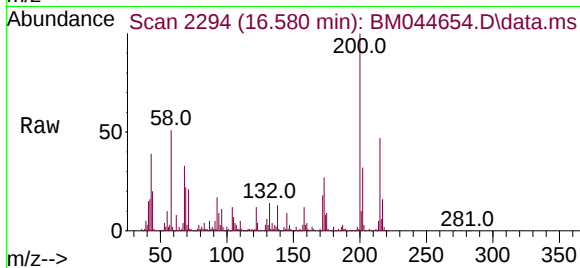
Tgt Ion:200 Resp: 328384

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

215 47.3 28.7 68.7



#70

Pentachlorophenol

Concen: 40.720 ng

RT: 16.745 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

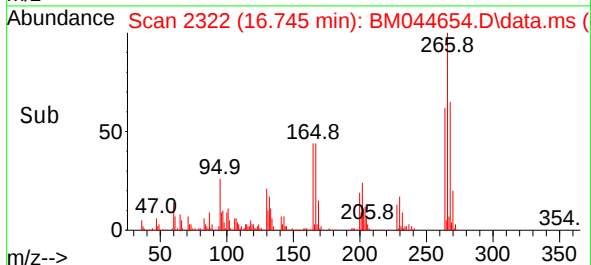
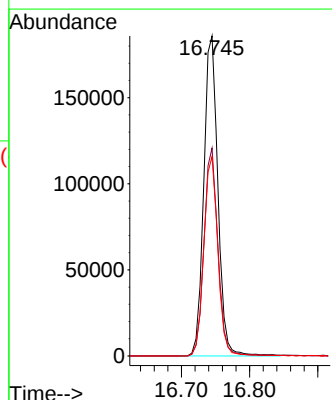
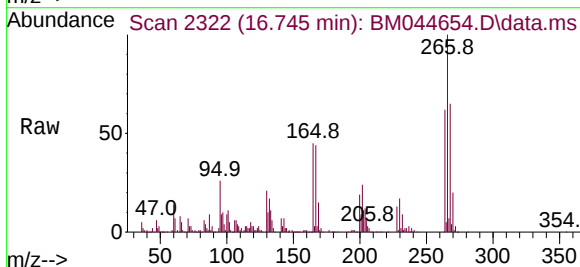
Tgt Ion:266 Resp: 267722

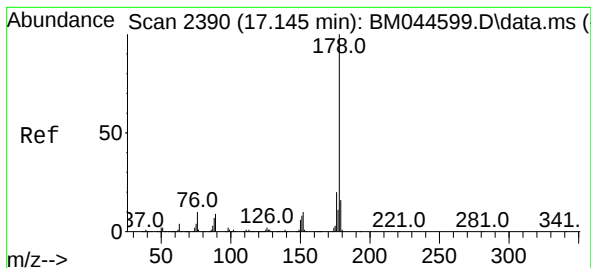
Ion Ratio Lower Upper

266 100

268 65.0 52.4 78.6

264 62.3 49.8 74.8





#71

Phenanthrene

Concen: 39.186 ng

RT: 17.139 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

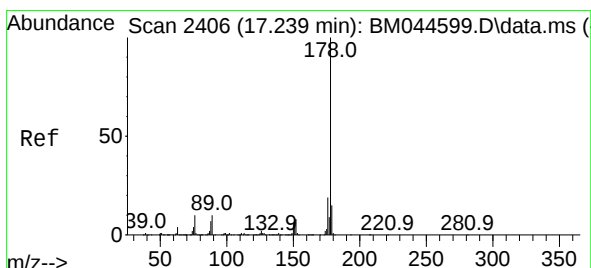
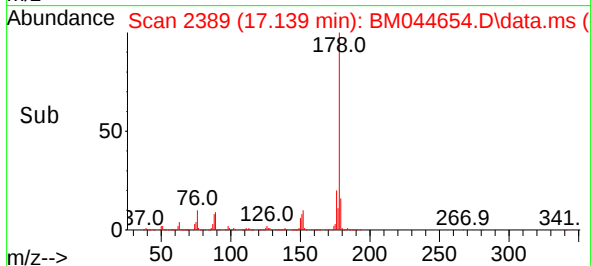
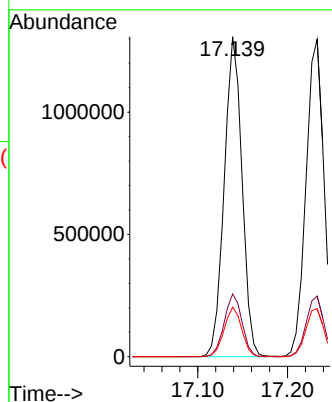
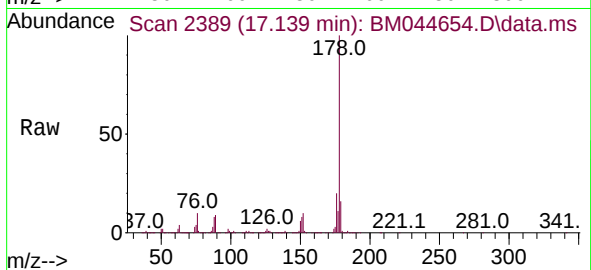
Tgt Ion:178 Resp: 1800161

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.5 12.4 18.6



#72

Anthracene

Concen: 39.544 ng

RT: 17.233 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

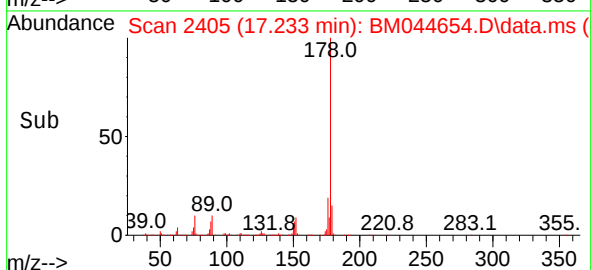
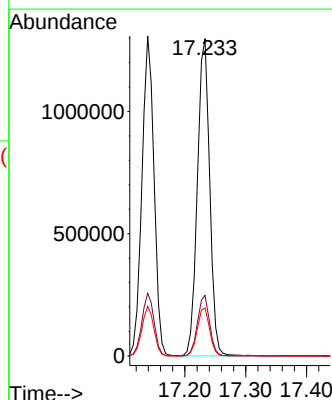
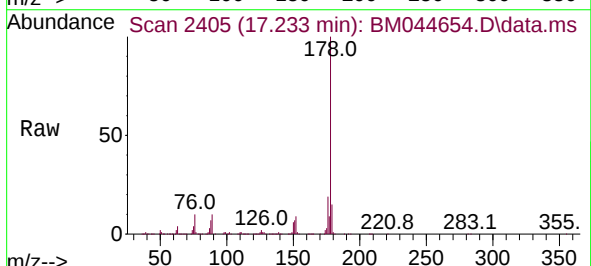
Tgt Ion:178 Resp: 1821982

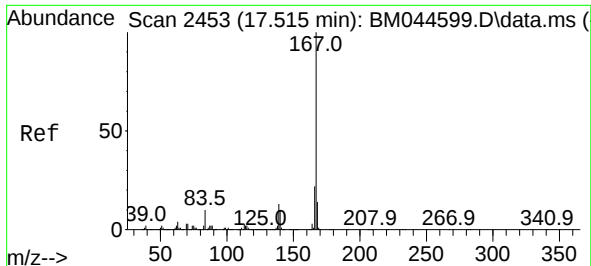
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.1 12.2 18.4

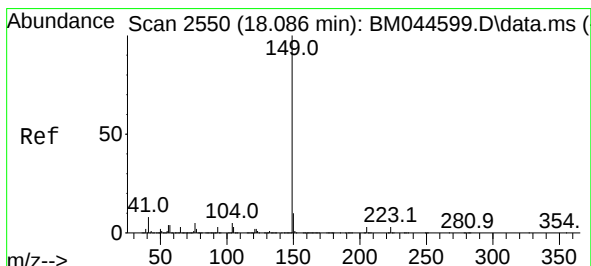
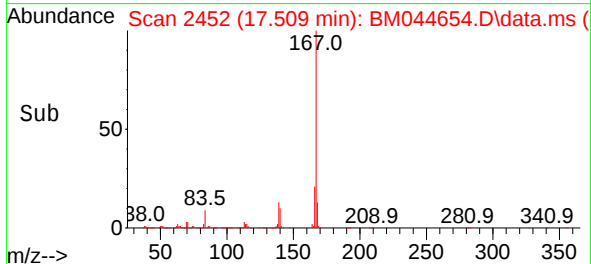
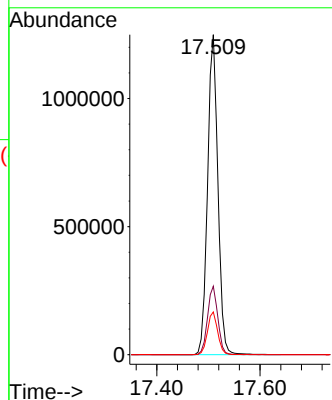
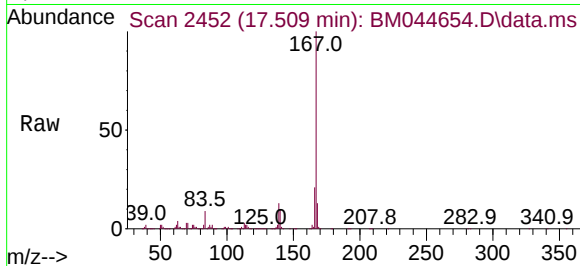




#73
 Carbazole
 Concen: 39.814 ng
 RT: 17.509 min Scan# 2453
 Delta R.T. -0.006 min
 Lab File: BM044654.D
 Acq: 18 Mar 2024 11:50

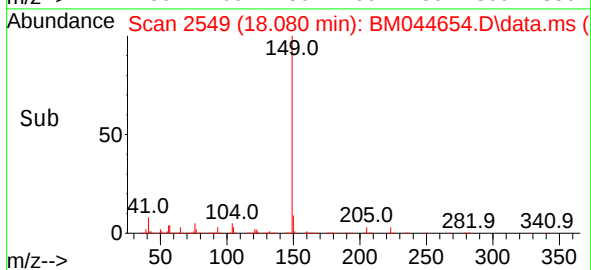
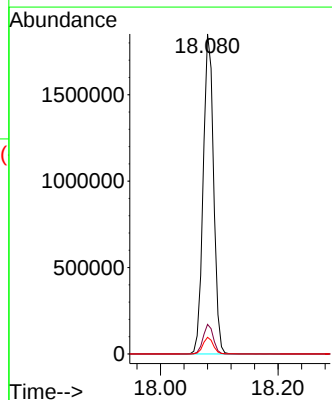
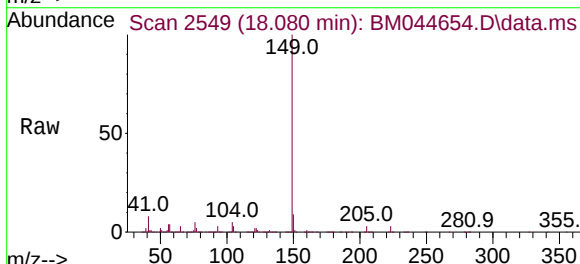
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

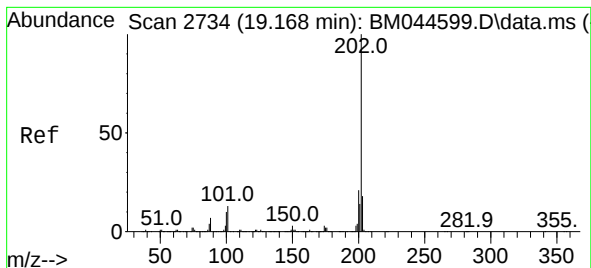
Tgt Ion:167 Resp: 1727700
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.4 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 40.498 ng
 RT: 18.080 min Scan# 2549
 Delta R.T. -0.006 min
 Lab File: BM044654.D
 Acq: 18 Mar 2024 11:50

Tgt Ion:149 Resp: 2264458
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 39.887 ng

RT: 19.162 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

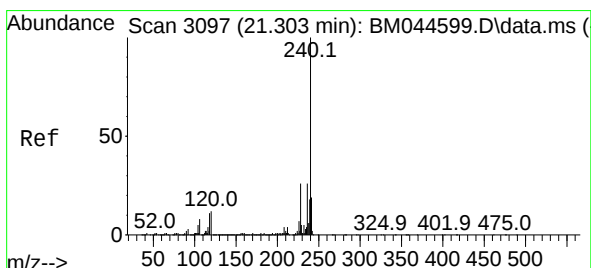
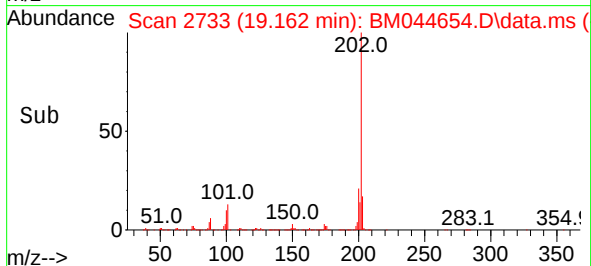
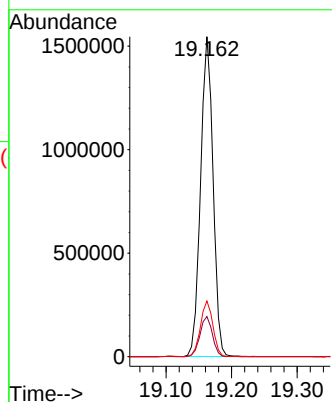
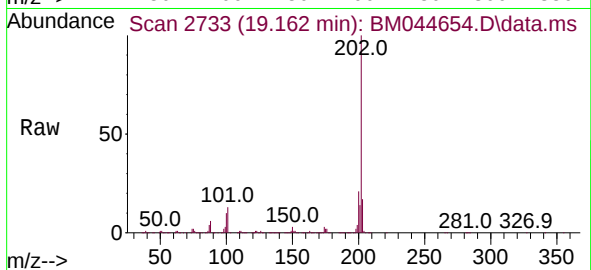
Tgt Ion:202 Resp: 2048324

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.3

203 17.4 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.297 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

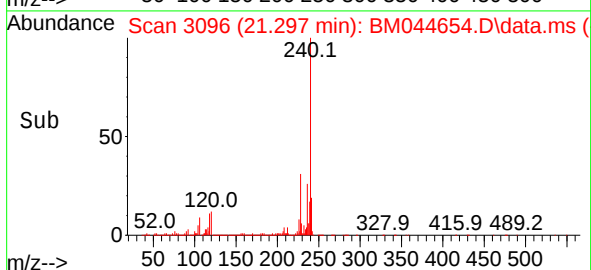
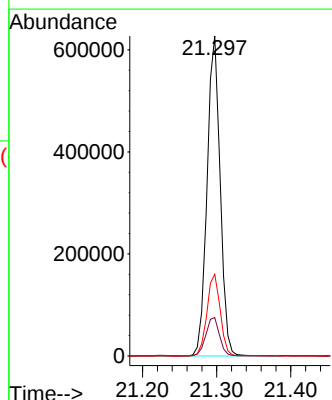
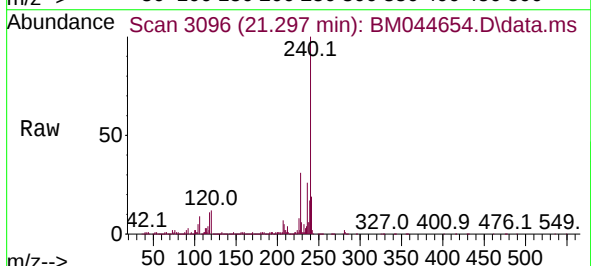
Tgt Ion:240 Resp: 768575

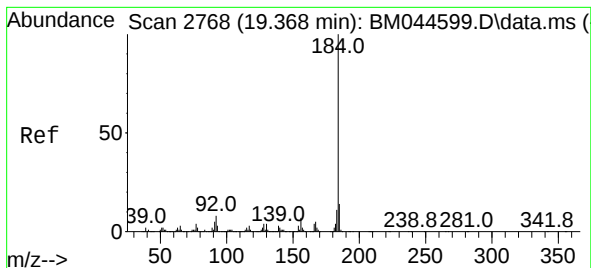
Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

236 25.6 21.0 31.4





#77

Benzidine

Concen: 40.922 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

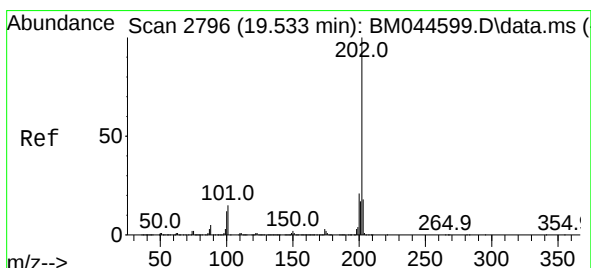
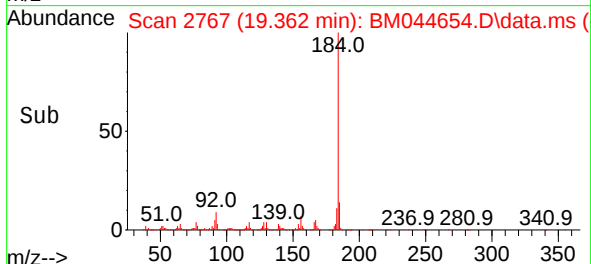
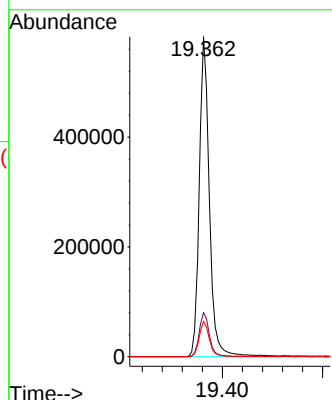
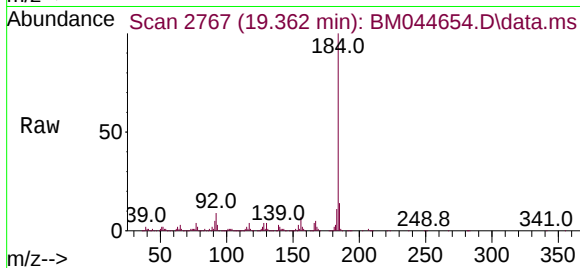
Tgt Ion:184 Resp: 812869

Ion Ratio Lower Upper

184 100

185 13.7 11.0 16.6

183 11.0 8.7 13.1



#78

Pyrene

Concen: 38.152 ng

RT: 19.527 min Scan# 2795

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

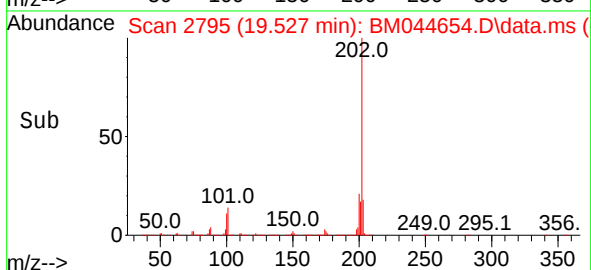
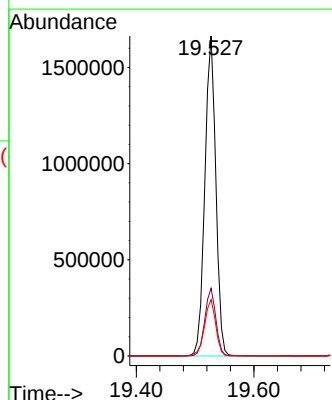
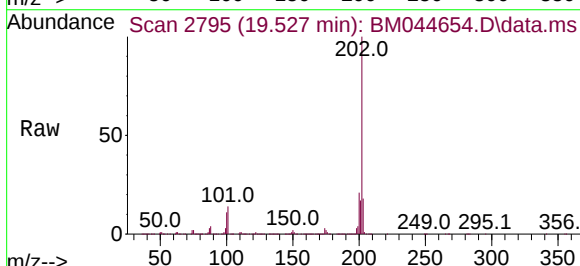
Tgt Ion:202 Resp: 2149138

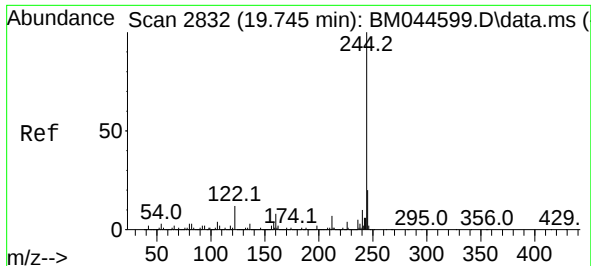
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.6 14.1 21.1

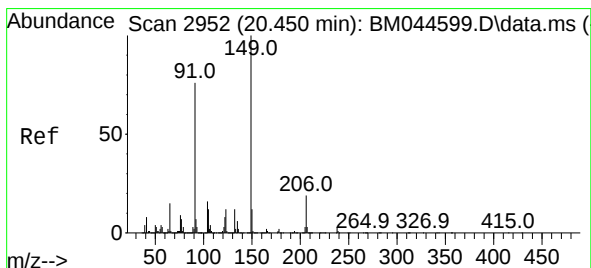
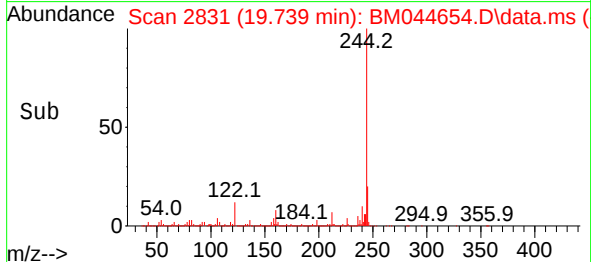
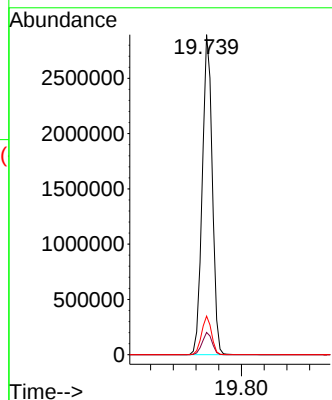
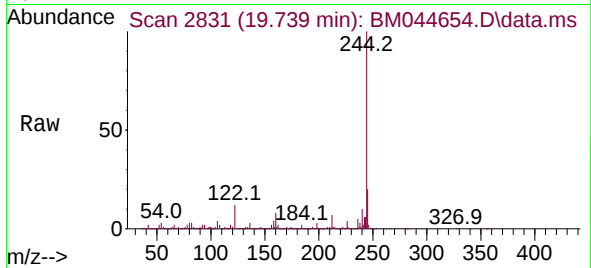




#79
 Terphenyl-d14
 Concen: 80.453 ng
 RT: 19.739 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044654.D
 Acq: 18 Mar 2024 11:50

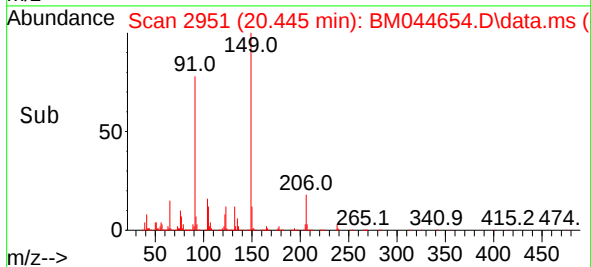
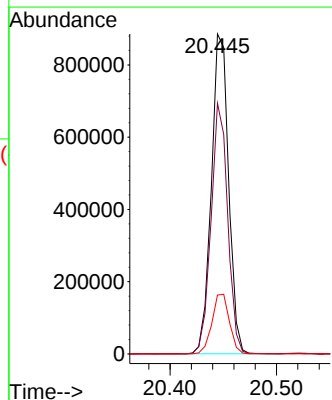
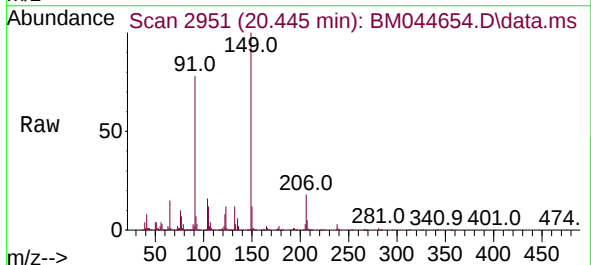
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

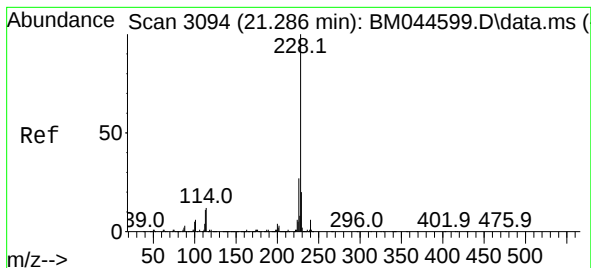
Tgt Ion:244 Resp: 3534688
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 12.0 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 39.342 ng
 RT: 20.445 min Scan# 2951
 Delta R.T. -0.006 min
 Lab File: BM044654.D
 Acq: 18 Mar 2024 11:50

Tgt Ion:149 Resp: 998779
 Ion Ratio Lower Upper
 149 100
 91 78.4 61.0 91.6
 206 18.4 15.0 22.6





#81

Benzo(a)anthracene

Concen: 39.045 ng

RT: 21.280 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

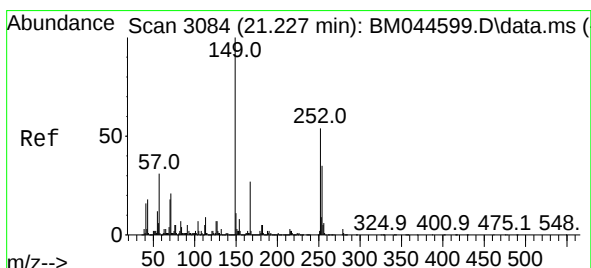
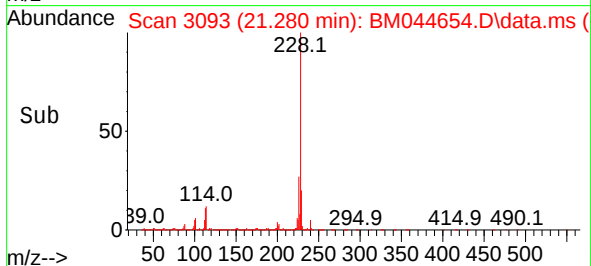
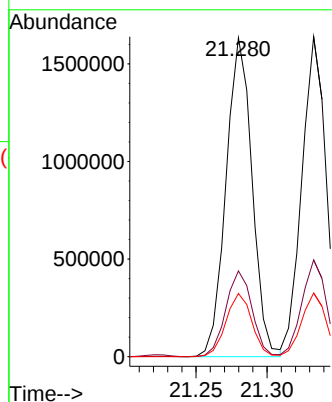
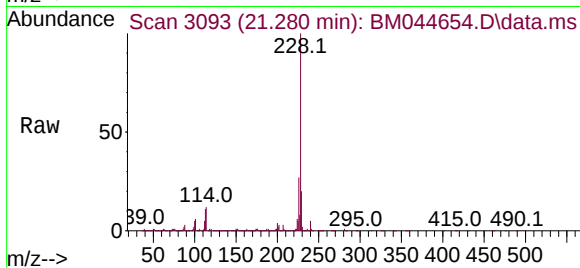
Tgt Ion:228 Resp: 2088001

Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 40.755 ng

RT: 21.221 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

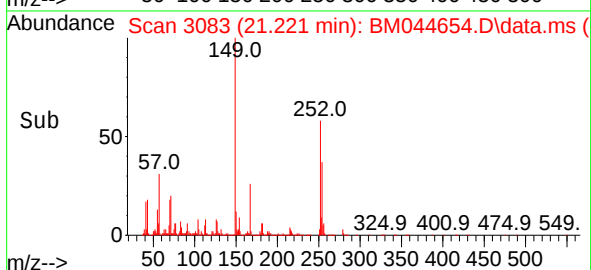
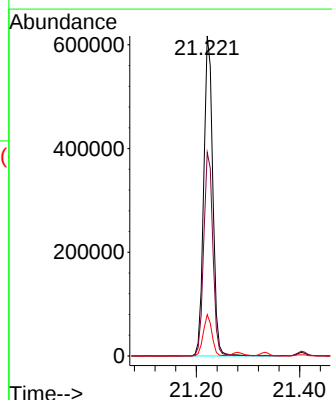
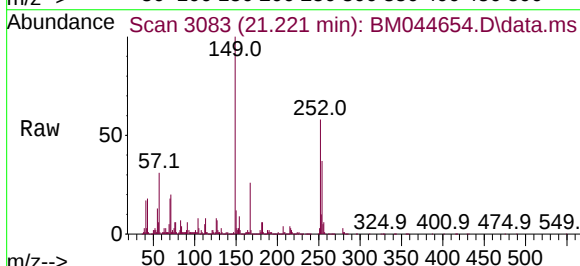
Tgt Ion:252 Resp: 750622

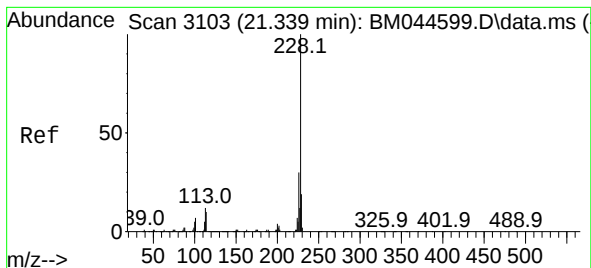
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

126 12.9 9.8 14.6





#83

Chrysene

Concen: 38.329 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

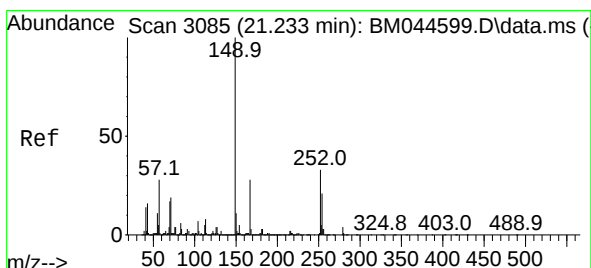
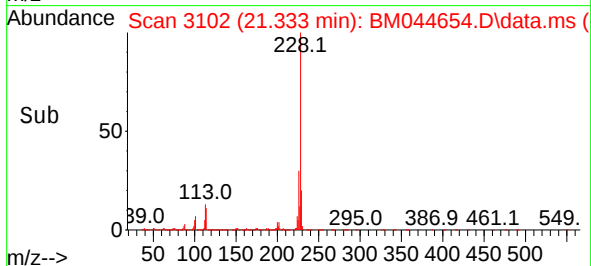
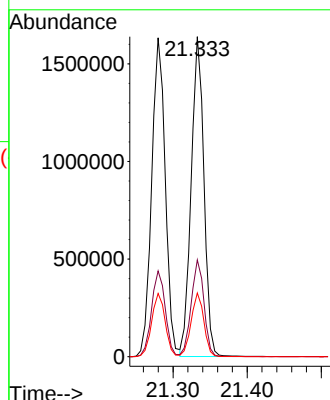
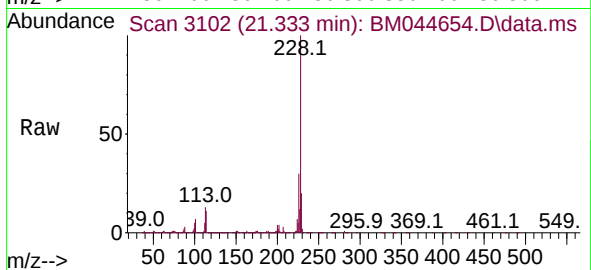
Tgt Ion:228 Resp: 1958641

Ion Ratio Lower Upper

228 100

226 30.3 23.6 35.4

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.733 ng

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

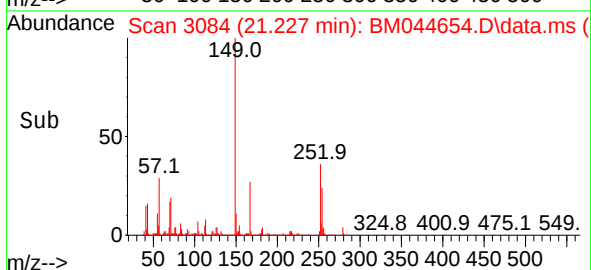
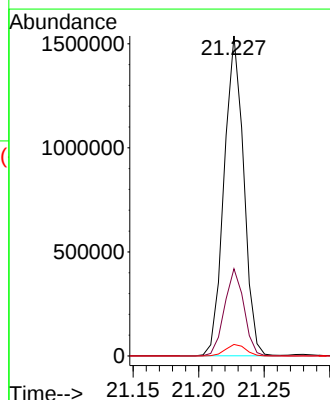
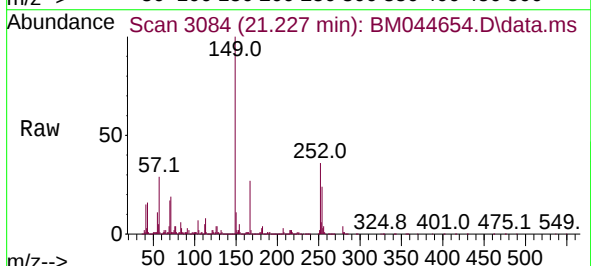
Tgt Ion:149 Resp: 1596144

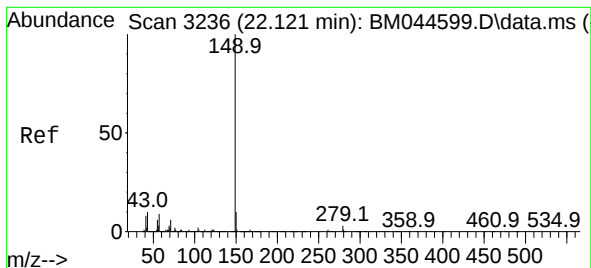
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 3.6 3.0 4.4

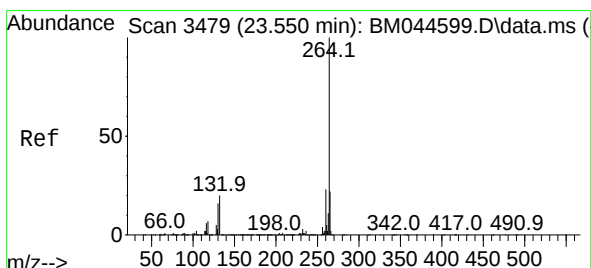
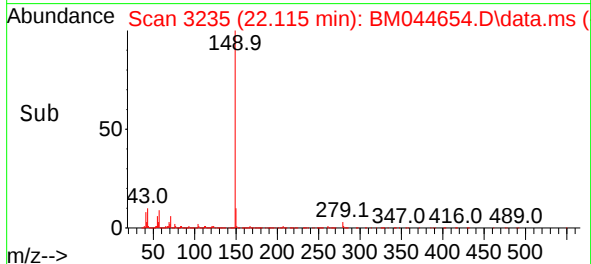
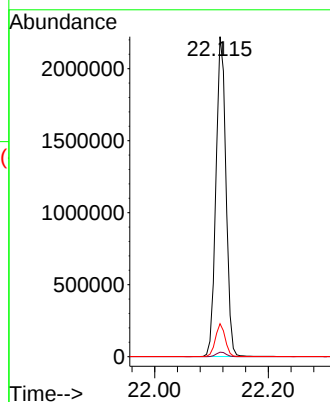
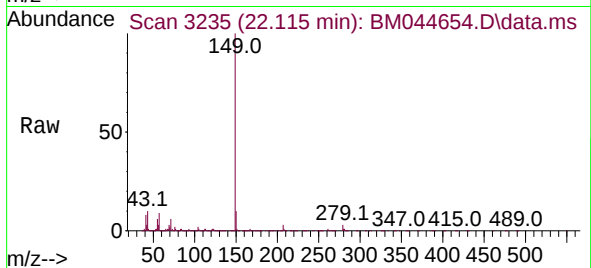




#85
Di-n-octyl phthalate
Concen: 40.701 ng
RT: 22.115 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

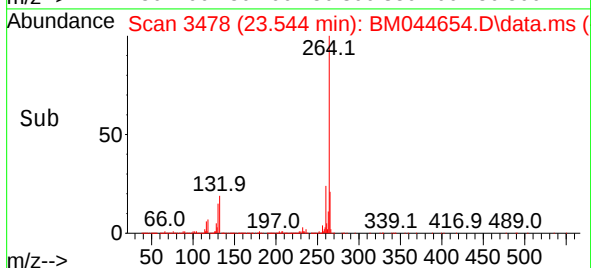
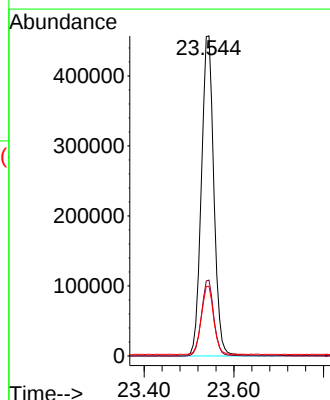
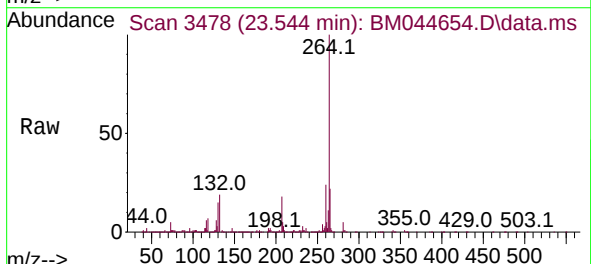
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

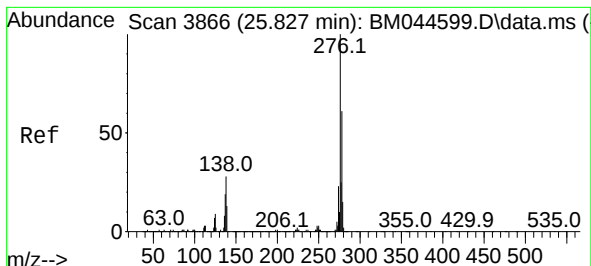
Tgt Ion:149 Resp: 2700199
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.1 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.544 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:264 Resp: 882881
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.875 ng

RT: 25.815 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

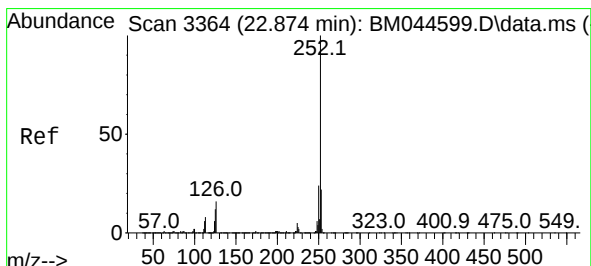
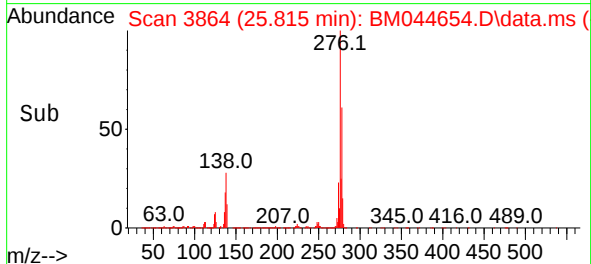
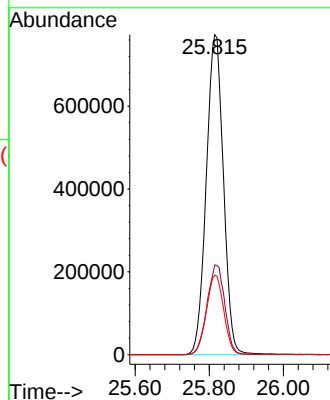
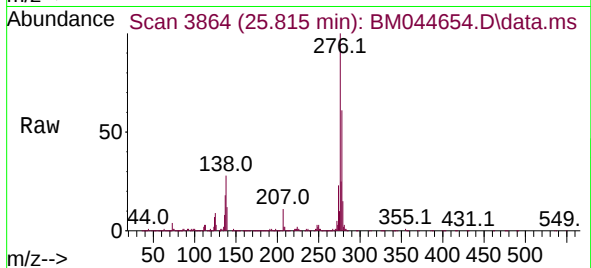
Tgt Ion:276 Resp: 2481143

Ion Ratio Lower Upper

276 100

138 29.1 23.6 35.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.330 ng

RT: 22.868 min Scan# 3363

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

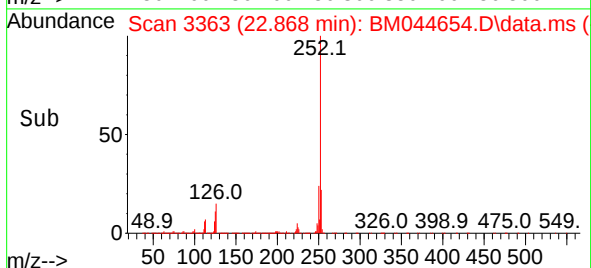
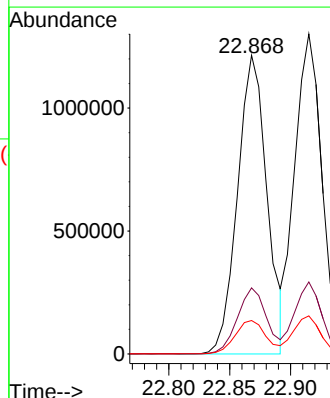
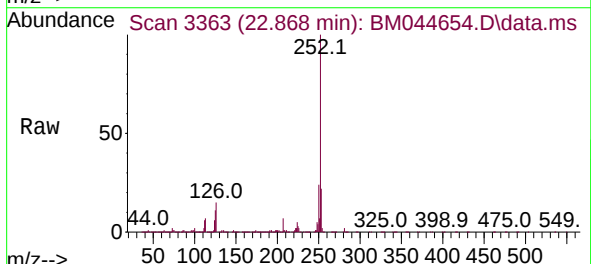
Tgt Ion:252 Resp: 2040620

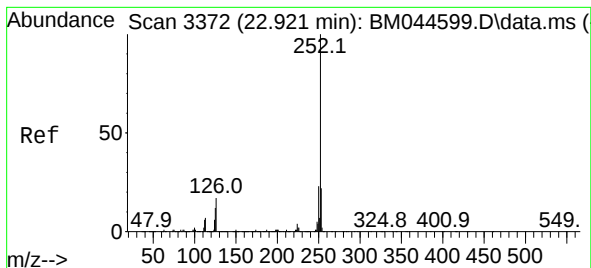
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.2 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 38.173 ng

RT: 22.915 min Scan# 341

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

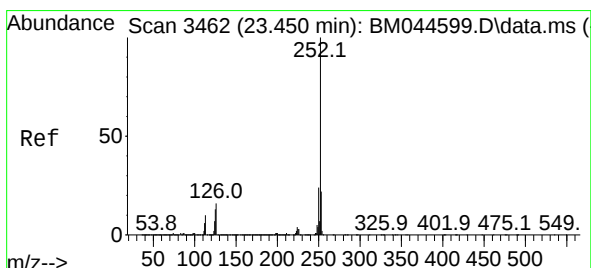
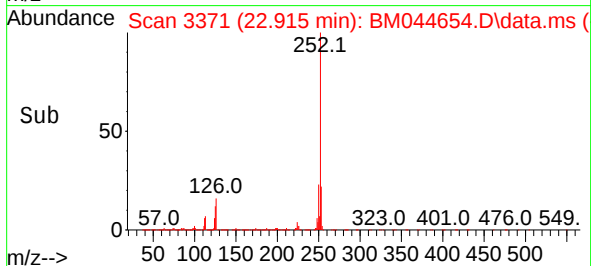
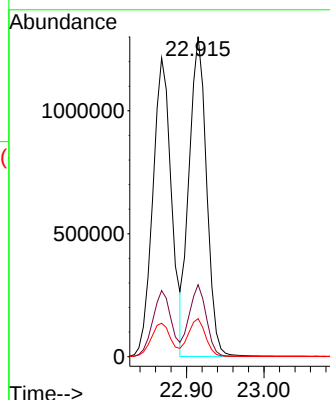
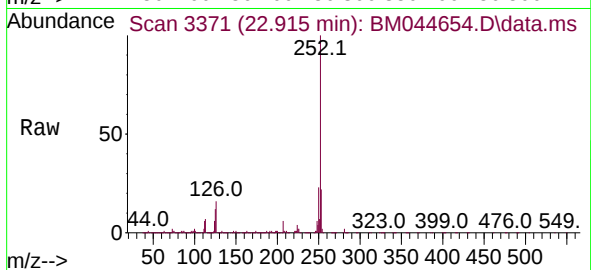
Tgt Ion:252 Resp: 2036080

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.9 9.4 14.0



#90

Benzo(a)pyrene

Concen: 39.180 ng

RT: 23.444 min Scan# 3461

Delta R.T. -0.006 min

Lab File: BM044654.D

Acq: 18 Mar 2024 11:50

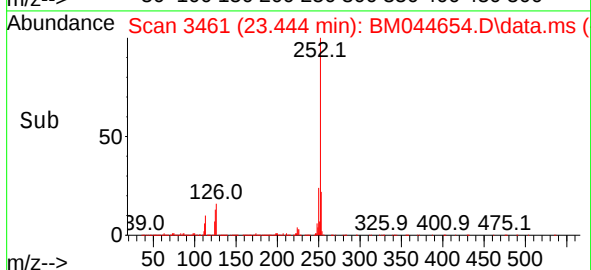
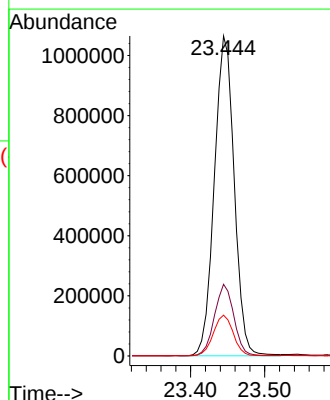
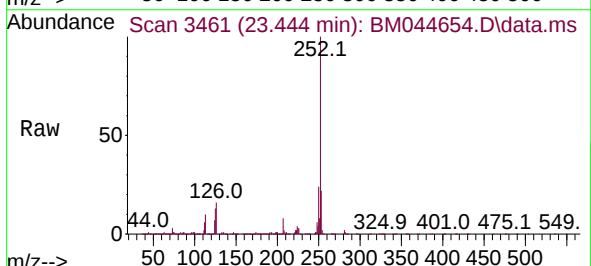
Tgt Ion:252 Resp: 1982770

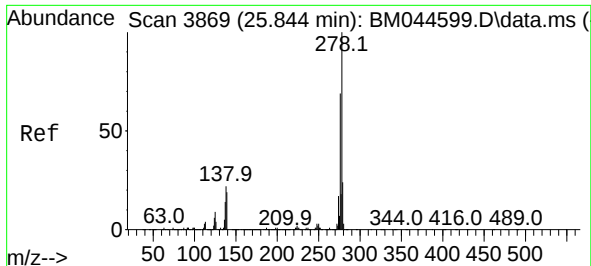
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 12.8 10.5 15.7

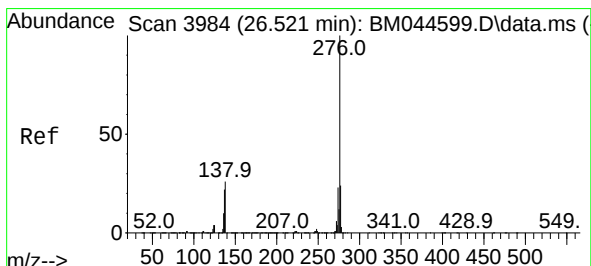
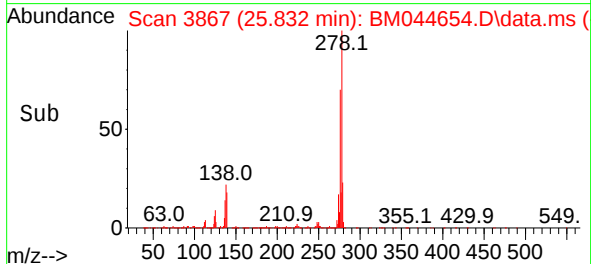
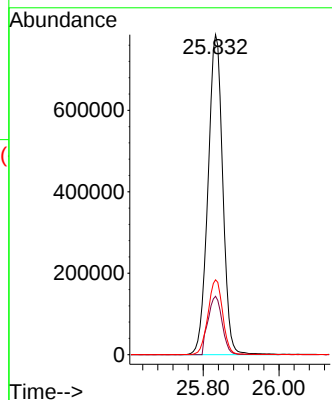
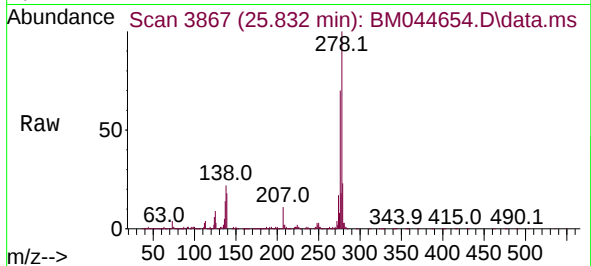




#91
Dibenzo(a,h)anthracene
Concen: 39.300 ng
RT: 25.832 min Scan# 3867
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2114627
Ion Ratio Lower Upper
278 100
139 18.2 15.0 22.6
279 23.4 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 38.291 ng
RT: 26.509 min Scan# 3982
Delta R.T. -0.012 min
Lab File: BM044654.D
Acq: 18 Mar 2024 11:50

Tgt Ion:276 Resp: 2028168
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 24.9 20.7 31.1

