

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044731.D
 Acq On : 22 Mar 2024 12:48
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 22 14:39:39 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	7.687	152	201578	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	741662	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	389505	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	709661	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	616271	20.000	ng	-0.02
86) Perylene-d12	23.527	264	694244	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1113388	79.303	ng	0.00
7) Phenol-d6	6.875	99	1359803	75.285	ng	0.00
23) Nitrobenzene-d5	8.851	82	1241548	80.646	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	345381	80.394	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2310785	81.705	ng	-0.02
79) Terphenyl-d14	19.727	244	2887828	81.974	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	229925	38.962	ng	98
3) Pyridine	3.693	79	621493	38.083	ng	96
4) n-Nitrosodimethylamine	3.616	42	260500	39.832	ng	92
6) Aniline	7.034	93	778446	36.389	ng	98
8) 2-Chlorophenol	7.257	128	534456	38.219	ng	99
9) Benzaldehyde	6.851	77	351440	37.151	ng	99
10) Phenol	6.898	94	667916	37.027	ng	97
11) bis(2-Chloroethyl)ether	7.134	93	546078	37.077	ng	99
12) 1,3-Dichlorobenzene	7.575	146	576073	38.312	ng	98
13) 1,4-Dichlorobenzene	7.728	146	579854	38.263	ng	99
14) 1,2-Dichlorobenzene	8.034	146	547997	37.918	ng	99
15) Benzyl Alcohol	7.939	79	440074	37.060	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	745500	36.509	ng	100
17) 2-Methylphenol	8.134	107	459781	37.374	ng	98
18) Hexachloroethane	8.745	117	223893	39.964	ng	100
19) n-Nitroso-di-n-propyla...	8.504	70	363013	32.910	ng	98
20) 3+4-Methylphenols	8.463	107	615437	37.070	ng	99
22) Acetophenone	8.516	105	755336	38.765	ng	# 97
24) Nitrobenzene	8.892	77	601681	39.537	ng	99
25) Isophorone	9.410	82	1013611	38.160	ng	99
26) 2-Nitrophenol	9.592	139	269163	40.989	ng	97
27) 2,4-Dimethylphenol	9.651	122	440000	38.101	ng	99
28) bis(2-Chloroethoxy)met...	9.898	93	659580	37.394	ng	100
29) 2,4-Dichlorophenol	10.116	162	437709	39.769	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	458712	39.176	ng	99
31) Naphthalene	10.516	128	1559426	38.312	ng	100
32) Benzoic acid	9.792	122	258472	29.550	ng	97
33) 4-Chloroaniline	10.639	127	644668	37.753	ng	100
34) Hexachlorobutadiene	10.780	225	268606	41.144	ng	99
35) Caprolactam	11.445	113	129467	36.466	ng	97
36) 4-Chloro-3-methylphenol	11.763	107	448389	37.126	ng	98
37) 2-Methylnaphthalene	12.133	142	1030928	37.317	ng	98
38) 1-Methylnaphthalene	12.357	142	960619	37.309	ng	97
40) 1,2,4,5-Tetrachloroben...	12.504	216	452297	40.920	ng	100
41) Hexachlorocyclopentadiene	12.469	237	259183	41.160	ng	100
43) 2,4,6-Trichlorophenol	12.751	196	305748	40.965	ng	98

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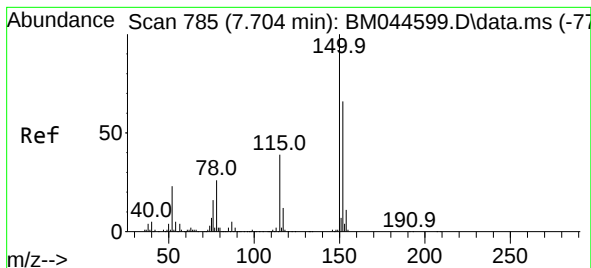
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.821	196	355691	40.220	ng	98
46) 1,1'-Biphenyl	13.163	154	1199273	39.367	ng	99
47) 2-Chloronaphthalene	13.198	162	894748	39.719	ng	98
48) 2-Nitroaniline	13.421	65	305481	39.966	ng	99
49) Acenaphthylene	14.051	152	1450529	39.527	ng	99
50) Dimethylphthalate	13.804	163	1095726	37.610	ng	99
51) 2,6-Dinitrotoluene	13.927	165	234596	38.668	ng	100
52) Acenaphthene	14.398	154	865781	39.028	ng	99
53) 3-Nitroaniline	14.257	138	273804	38.541	ng	100
54) 2,4-Dinitrophenol	14.463	184	119176	32.841	ng	96
55) Dibenzofuran	14.733	168	1351398	38.384	ng	99
56) 4-Nitrophenol	14.568	139	201572	34.548	ng	96
57) 2,4-Dinitrotoluene	14.715	165	312400	39.408	ng	95
58) Fluorene	15.386	166	1065227	38.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	262483	38.228	ng	99
60) Diethylphthalate	15.174	149	1105683	37.490	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	510746	38.804	ng	99
62) 4-Nitroaniline	15.427	138	270459	38.112	ng	96
63) Azobenzene	15.680	77	1170451	38.393	ng	98
65) 4,6-Dinitro-2-methylph...	15.474	198	164829	37.036	ng	94
66) n-Nitrosodiphenylamine	15.604	169	891910	40.327	ng	98
67) 4-Bromophenyl-phenylether	16.286	248	295141	40.208	ng	100
68) Hexachlorobenzene	16.380	284	317304	40.665	ng	99
69) Atrazine	16.568	200	271912	39.343	ng	99
70) Pentachlorophenol	16.733	266	226652	40.382	ng	99
71) Phenanthrene	17.127	178	1536738	39.185	ng	99
72) Anthracene	17.221	178	1566999	39.839	ng	100
73) Carbazole	17.498	167	1447784	39.082	ng	100
74) Di-n-butylphthalate	18.068	149	1878778	39.359	ng	99
75) Fluoranthene	19.150	202	1671355	38.125	ng	98
77) Benzidine	19.356	184	559652	35.137	ng	99
78) Pyrene	19.515	202	1765236	39.082	ng	99
80) Butylbenzylphthalate	20.439	149	813951	39.985	ng	97
81) Benzo(a)anthracene	21.268	228	1672502	39.004	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	601188	40.708	ng	99
83) Chrysene	21.321	228	1569819	38.312	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1252151	40.830	ng	98
85) Di-n-octyl phthalate	22.103	149	2081774	39.135	ng	99
87) Indeno(1,2,3-cd)pyrene	25.785	276	1938089	38.617	ng	99
88) Benzo(b)fluoranthene	22.856	252	1586072	38.875	ng	98
89) Benzo(k)fluoranthene	22.897	252	1646791	39.263	ng	100
90) Benzo(a)pyrene	23.427	252	1579663	39.696	ng	99
91) Dibenzo(a,h)anthracene	25.803	278	1636005	38.667	ng	99
92) Benzo(g,h,i)perylene	26.479	276	1600947	38.438	ng	99

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

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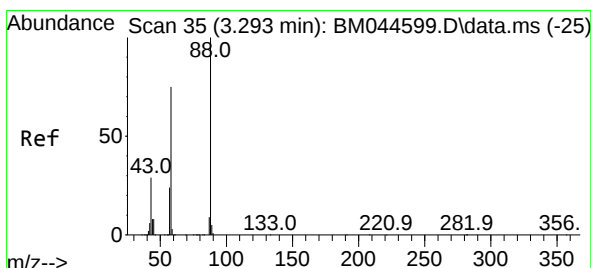
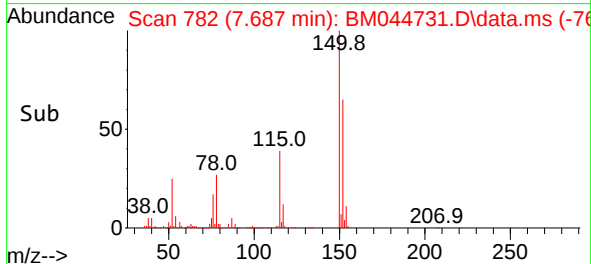
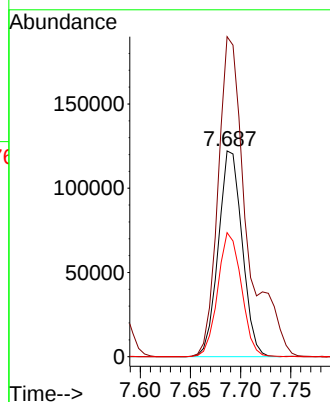
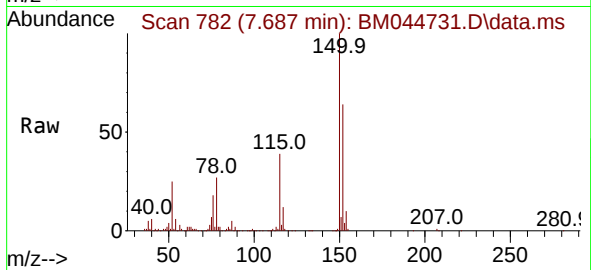




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.687 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BM044731.D
 Acq: 22 Mar 2024 12:48

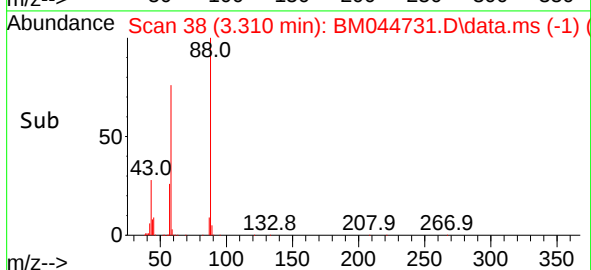
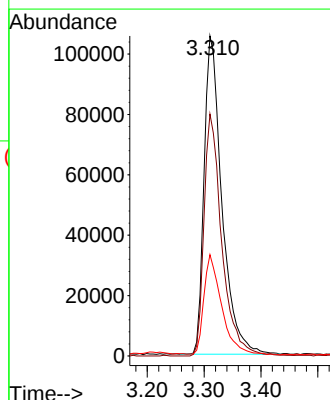
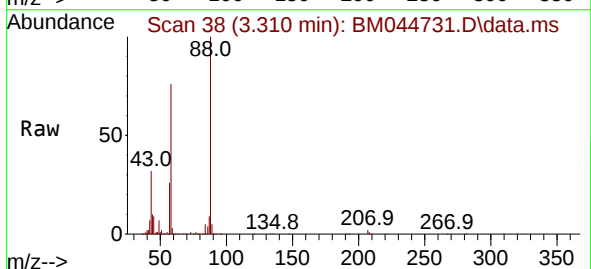
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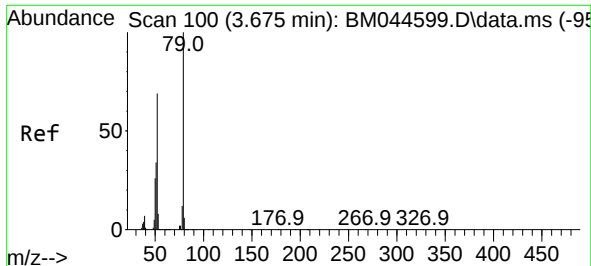
Tgt Ion:152 Resp: 201578
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.9 182.9
 115 60.2 47.1 70.7



#2
 1,4-Dioxane
 Concen: 38.962 ng
 RT: 3.310 min Scan# 38
 Delta R.T. 0.018 min
 Lab File: BM044731.D
 Acq: 22 Mar 2024 12:48

Tgt Ion: 88 Resp: 229925
 Ion Ratio Lower Upper
 88 100
 58 76.0 60.2 90.2
 43 31.5 23.5 35.3

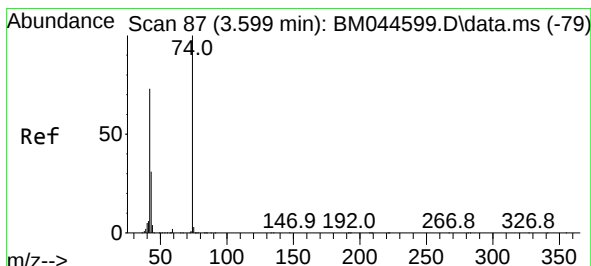
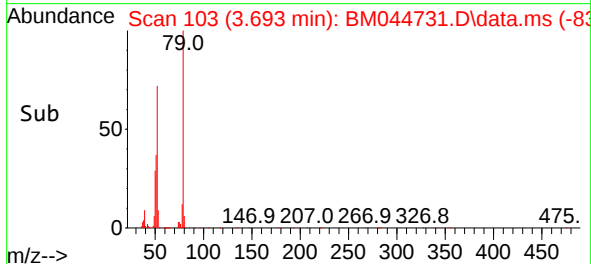
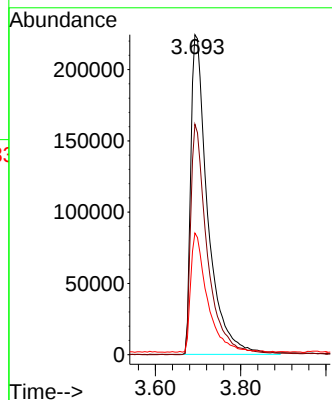
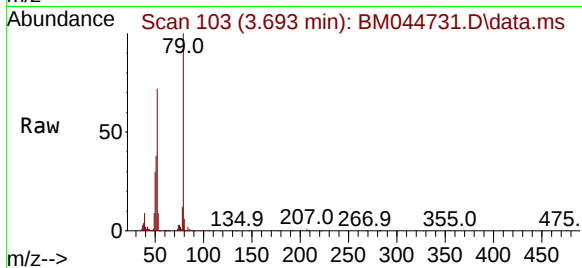




#3
Pyridine
Concen: 38.083 ng
RT: 3.693 min Scan# 10
Delta R.T. 0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

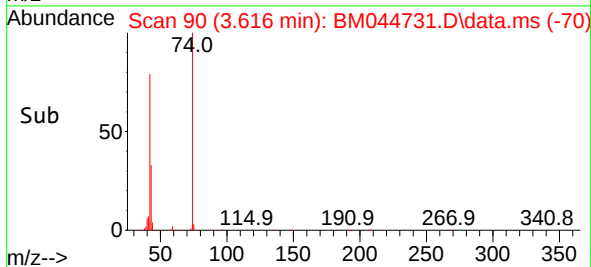
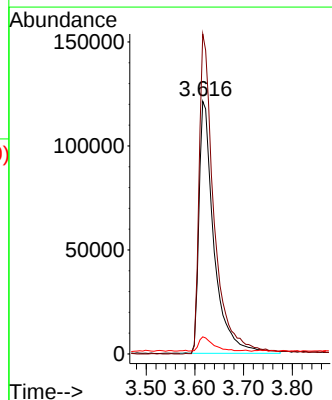
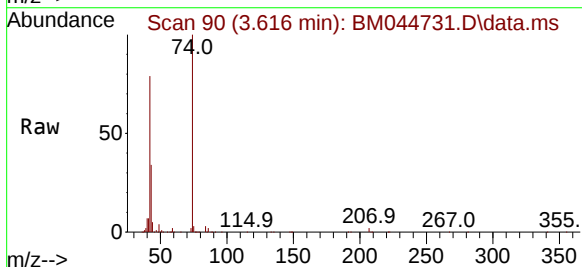
Instrument :
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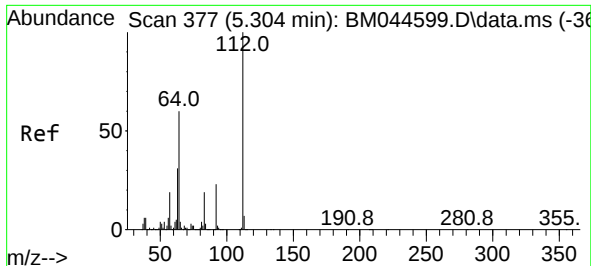
Tgt Ion: 79 Resp: 621493
Ion Ratio Lower Upper
79 100
52 72.0 55.5 83.3
51 38.0 27.7 41.5



#4
n-Nitrosodimethylamine
Concen: 39.832 ng
RT: 3.616 min Scan# 90
Delta R.T. 0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 42 Resp: 260500
Ion Ratio Lower Upper
42 100
74 126.7 109.7 164.5
44 6.8 5.4 8.0

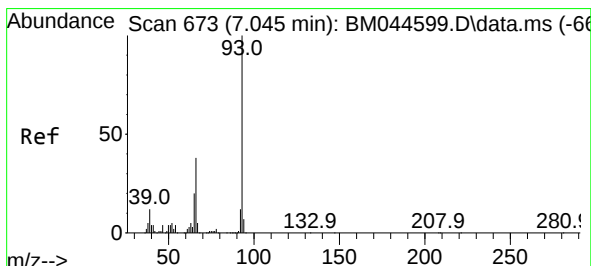
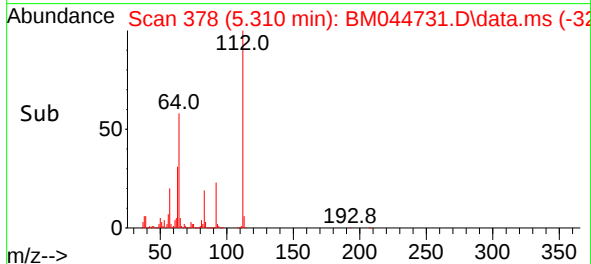
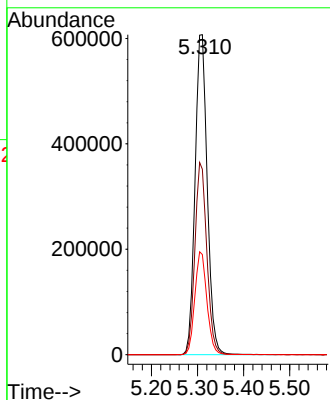
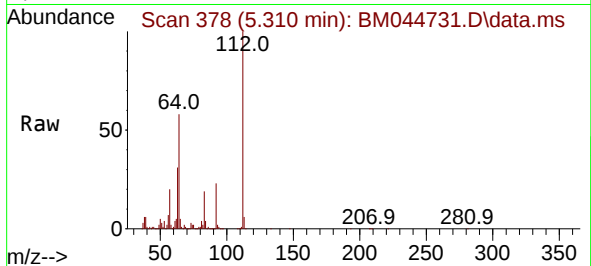




#5
2-Fluorophenol
Concen: 79.303 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

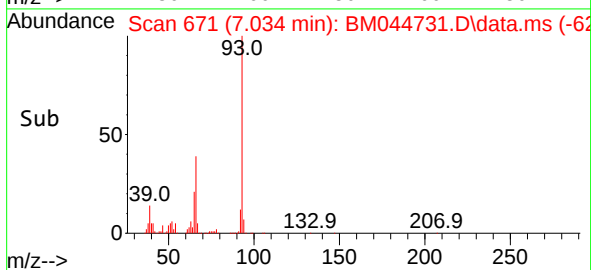
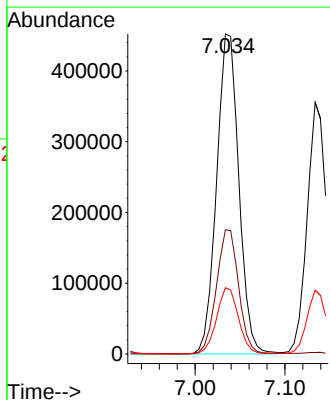
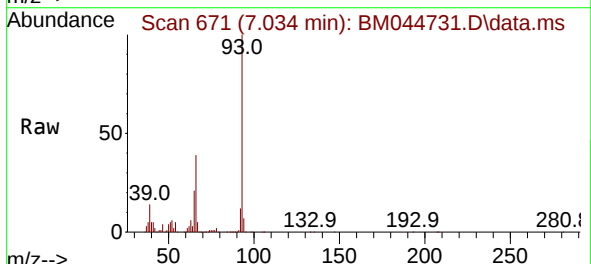
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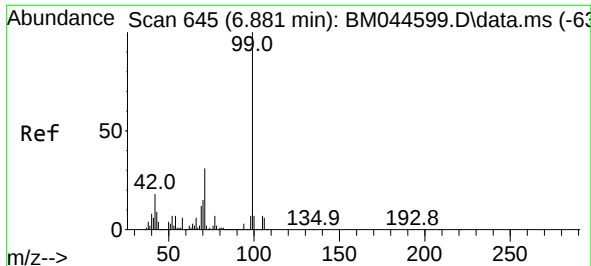
Tgt Ion:112 Resp: 1113388
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 31.3 25.0 37.4



#6
Aniline
Concen: 36.389 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 93 Resp: 778446
Ion Ratio Lower Upper
93 100
66 38.8 30.3 45.5
65 20.7 15.7 23.5

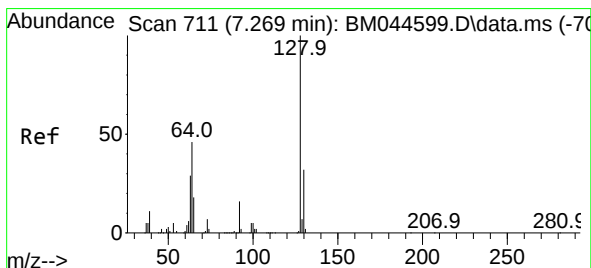
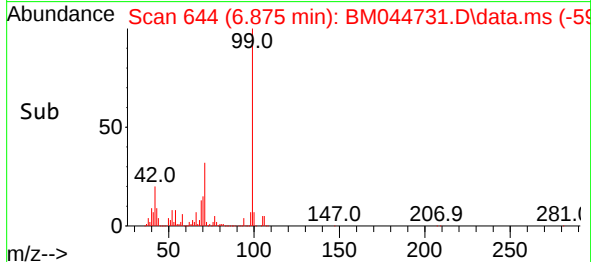
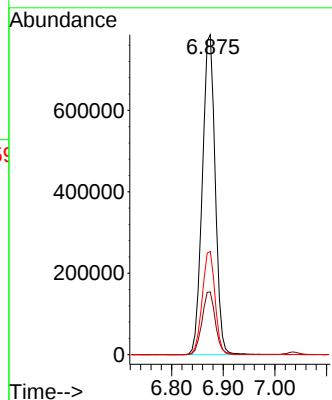
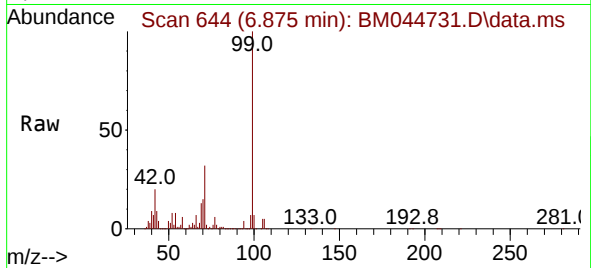




#7
Phenol-d6
Concen: 75.285 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

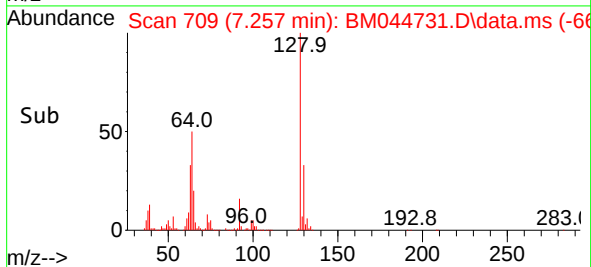
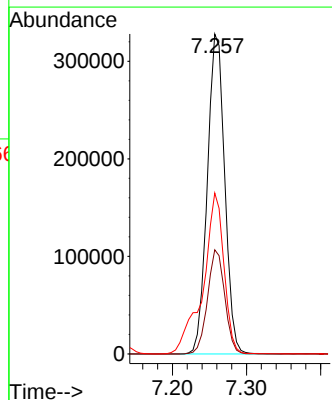
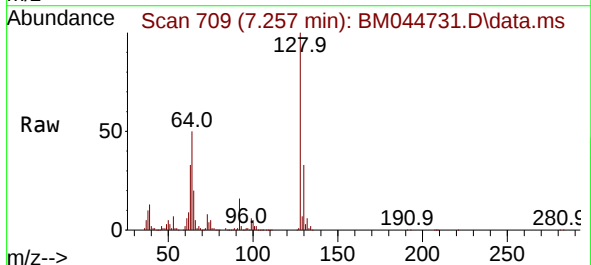
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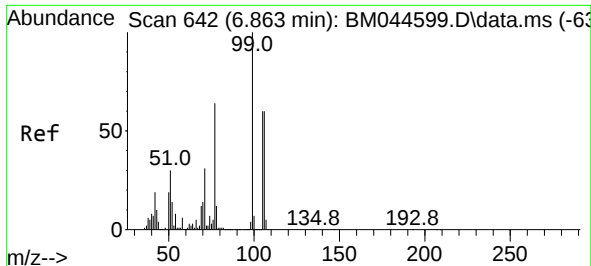
Tgt Ion: 99 Resp: 1359803
Ion Ratio Lower Upper
99 100
42 19.6 14.3 21.5
71 32.2 24.5 36.7



#8
2-Chlorophenol
Concen: 38.219 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 128 Resp: 534456
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 50.3 29.4 69.4

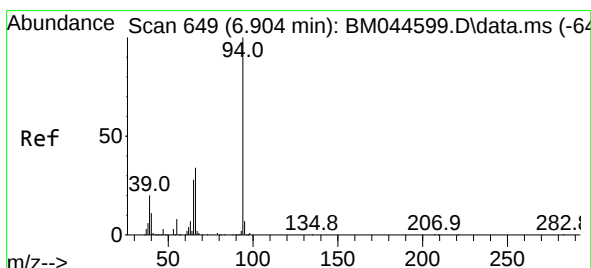
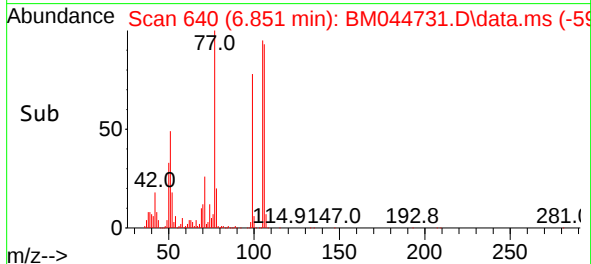
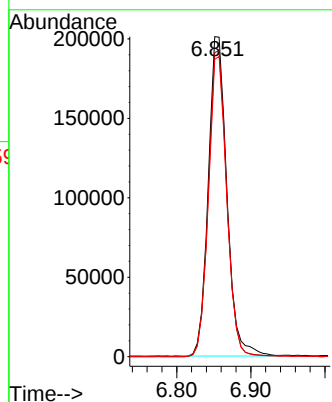
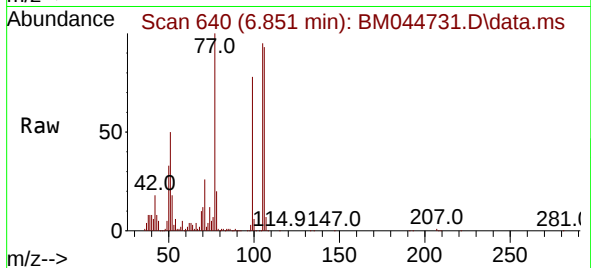




#9
Benzaldehyde
Concen: 37.151 ng
RT: 6.851 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

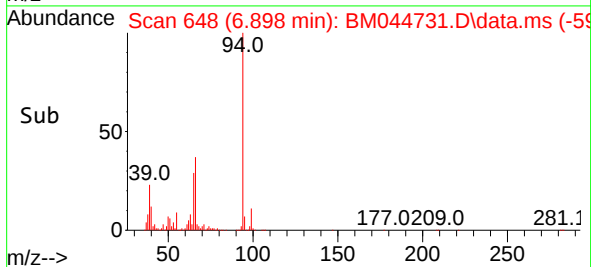
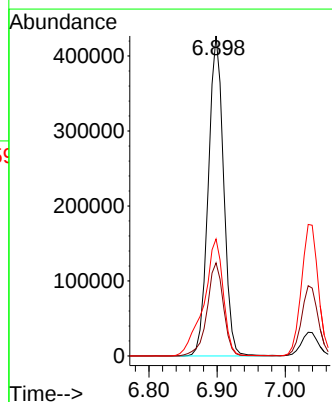
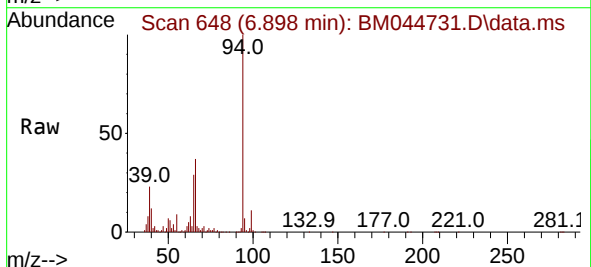
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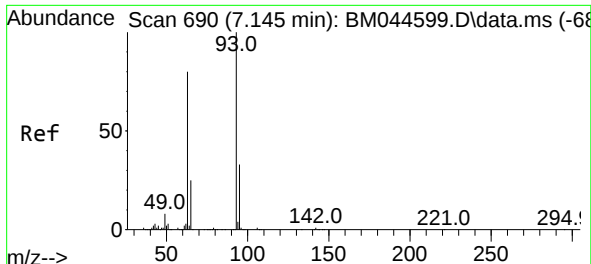
Tgt Ion: 77 Resp: 351440
Ion Ratio Lower Upper
77 100
105 95.1 74.4 114.4
106 92.9 74.1 114.1



#10
Phenol
Concen: 37.027 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 94 Resp: 667916
Ion Ratio Lower Upper
94 100
65 29.1 7.9 47.9
66 36.6 14.7 54.7

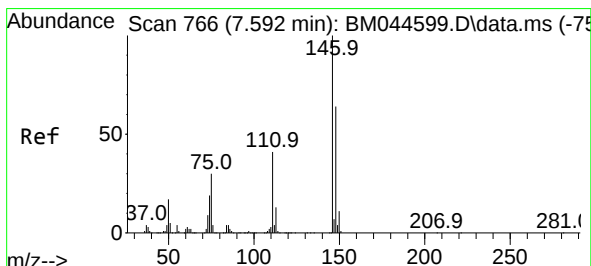
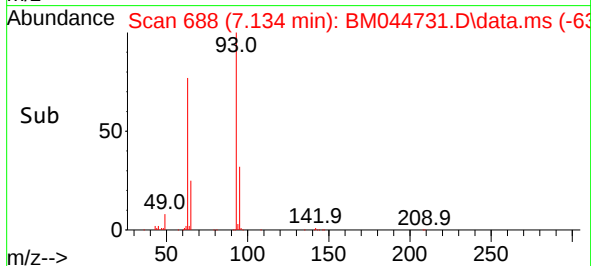
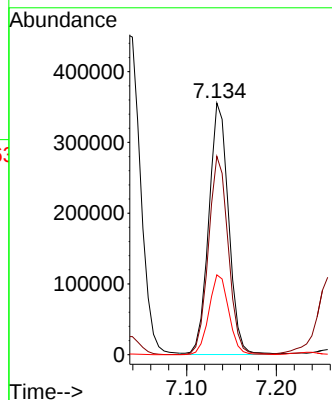
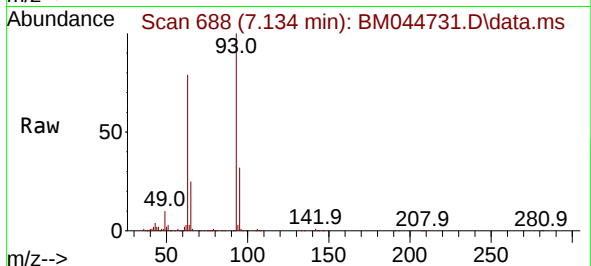




#11
bis(2-Chloroethyl)ether
Concen: 37.077 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

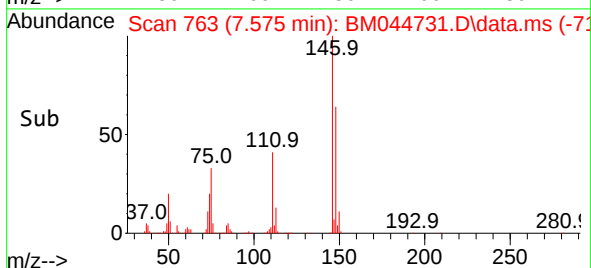
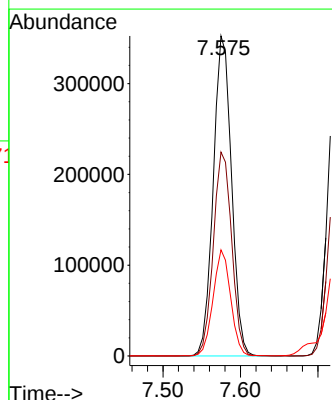
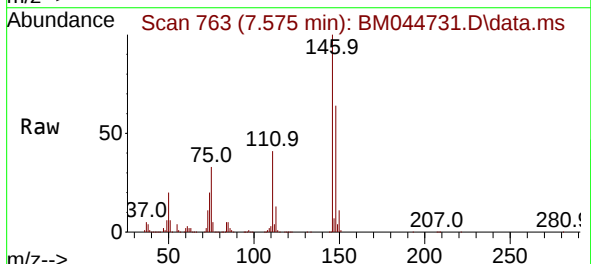
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

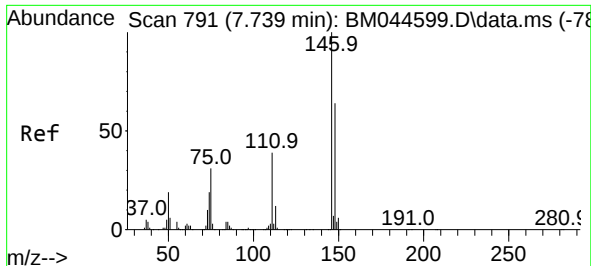
Tgt Ion: 93 Resp: 546078
Ion Ratio Lower Upper
93 100
63 78.8 59.8 99.8
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.312 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 146 Resp: 576073
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 33.2 24.1 36.1

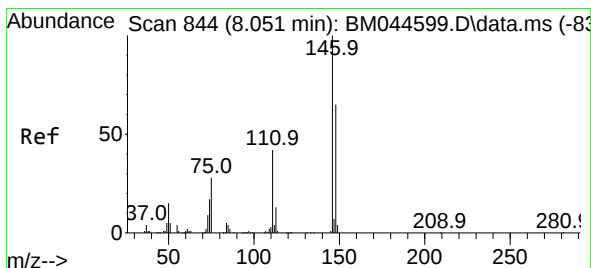
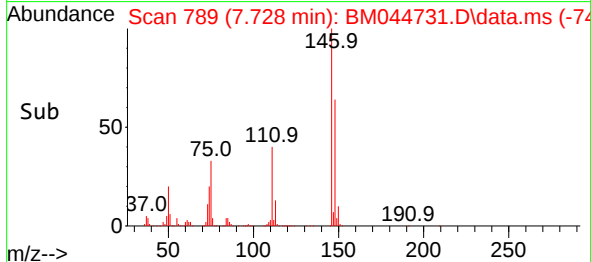
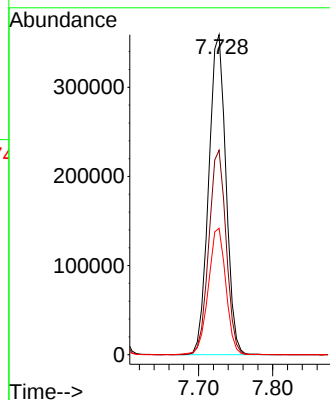
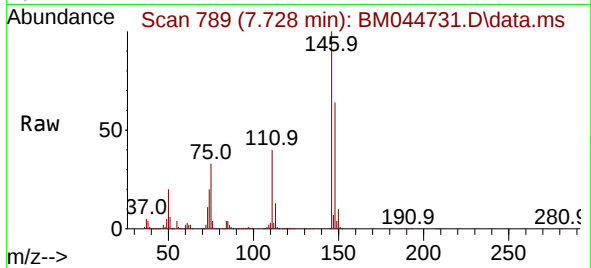




#13
1,4-Dichlorobenzene
Concen: 38.263 ng
RT: 7.728 min Scan# 77
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

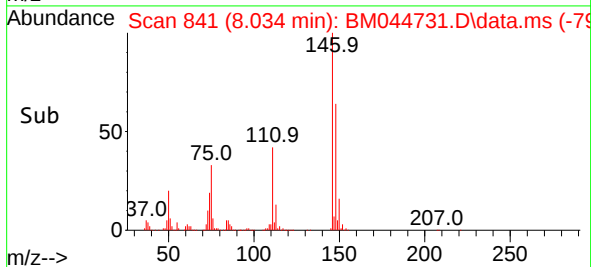
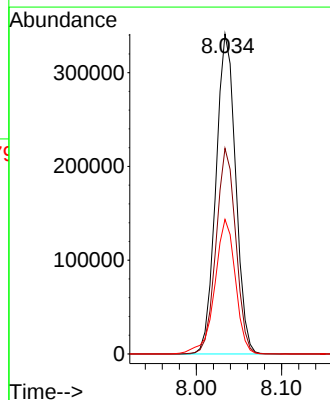
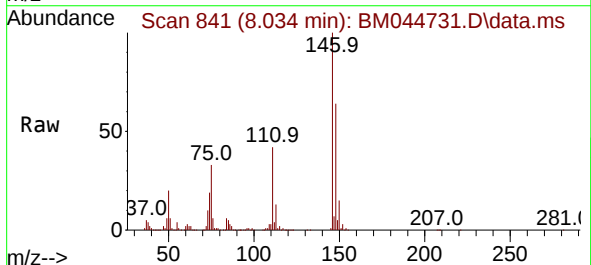
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

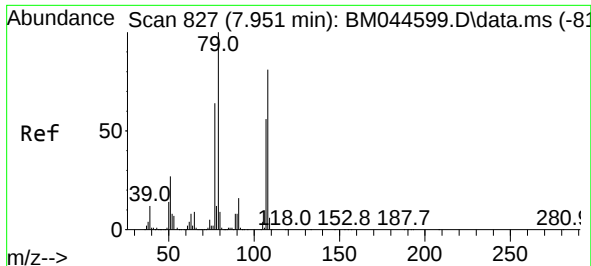
Tgt Ion:146 Resp: 579854
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 39.5 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 37.918 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:146 Resp: 547997
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 42.0 33.4 50.2

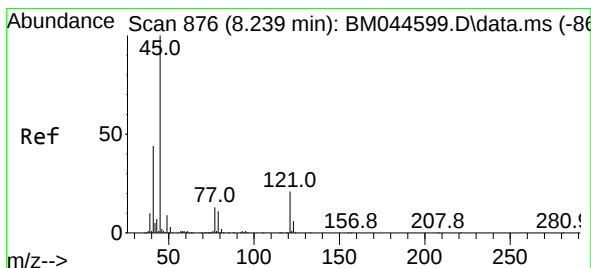
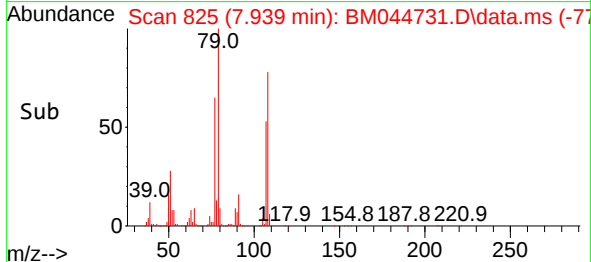
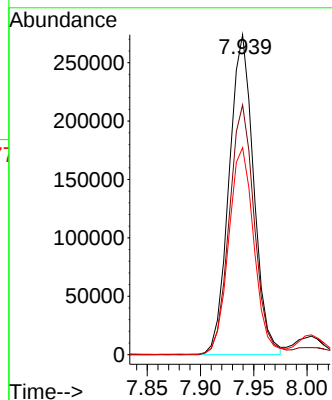
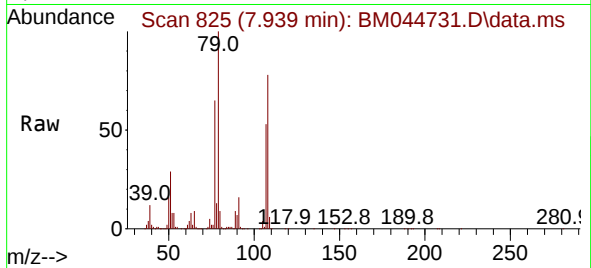




#15
Benzyl Alcohol
Concen: 37.060 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

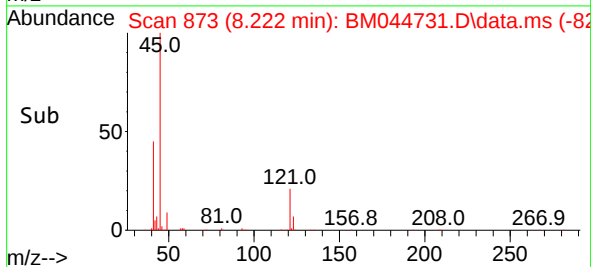
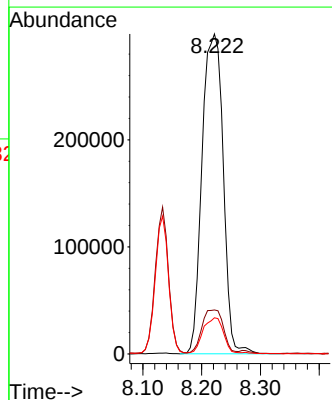
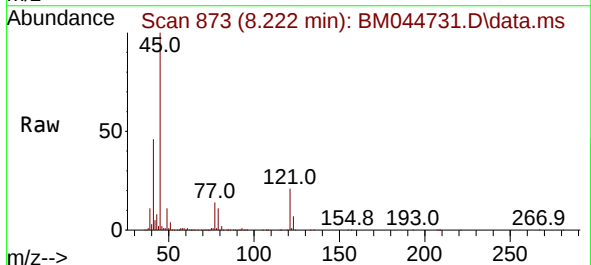
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

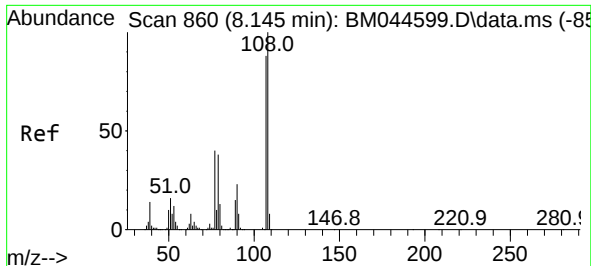
Tgt Ion: 79 Resp: 440074
Ion Ratio Lower Upper
79 100
108 78.0 65.0 97.6
77 64.7 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.509 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 45 Resp: 745500
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.7
79 11.3 0.0 31.2





#17

2-Methylphenol

Concen: 37.374 ng

RT: 8.134 min Scan# 8

Delta R.T. -0.012 min

Lab File: BM044731.D

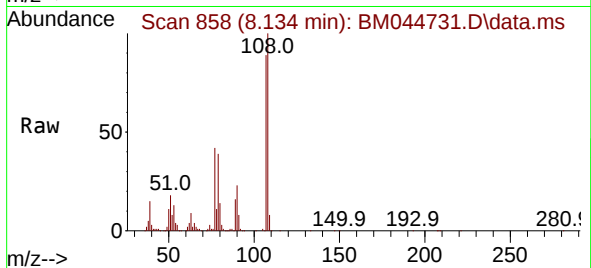
Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 459781

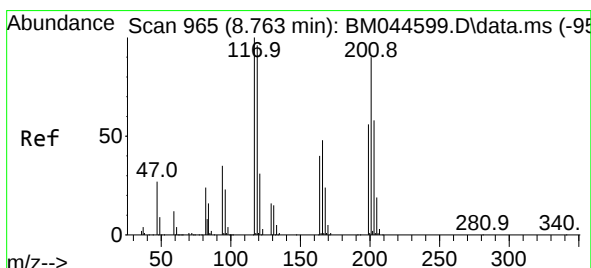
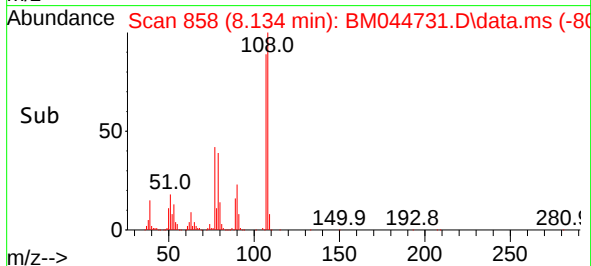
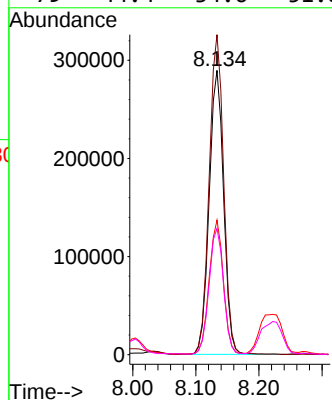
Ion Ratio Lower Upper

107 100

108 112.6 90.7 136.1

77 47.4 36.2 54.2

79 44.4 34.6 51.8



#18

Hexachloroethane

Concen: 39.964 ng

RT: 8.745 min Scan# 962

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

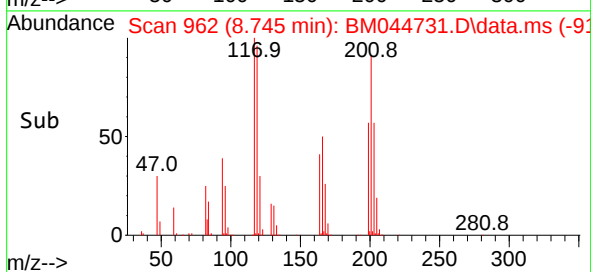
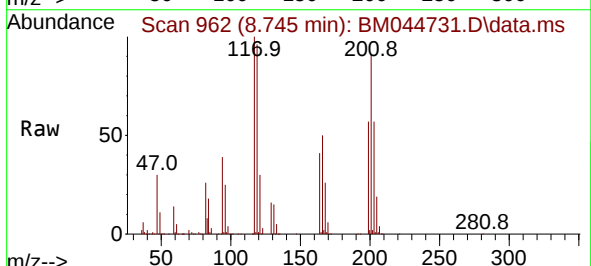
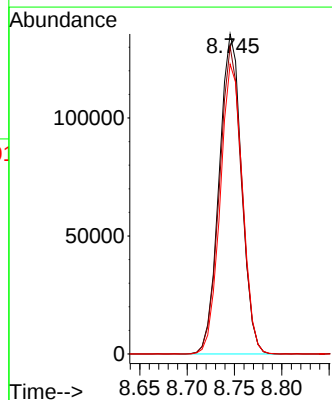
Tgt Ion:117 Resp: 223893

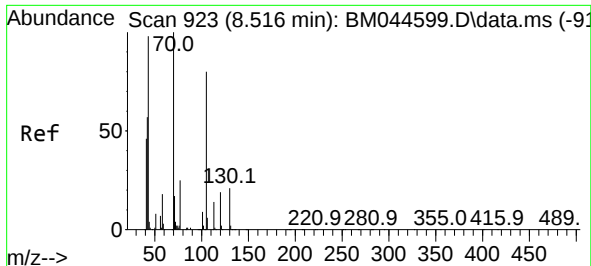
Ion Ratio Lower Upper

117 100

119 96.1 76.8 115.2

201 90.6 72.3 108.5

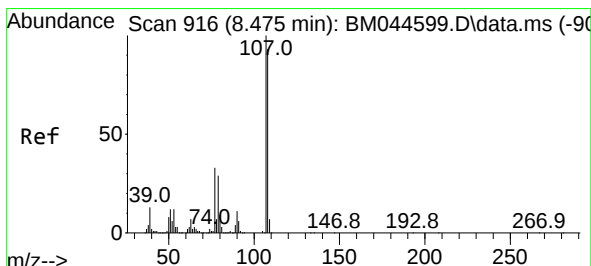
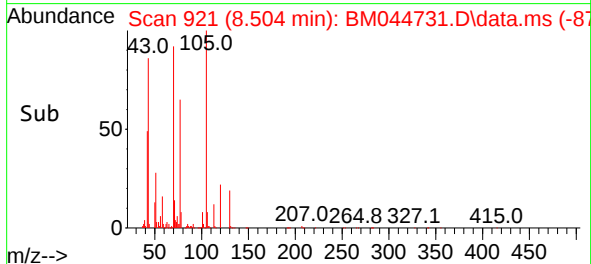
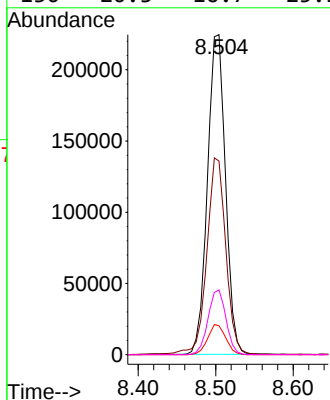
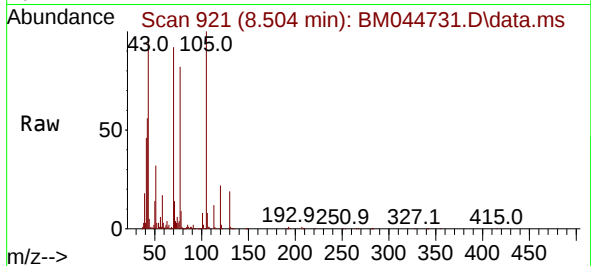




#19
n-Nitroso-di-n-propylamine
Concen: 32.910 ng
RT: 8.504 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

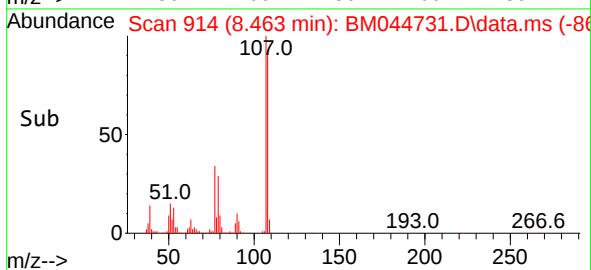
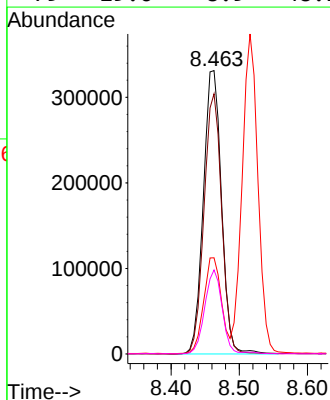
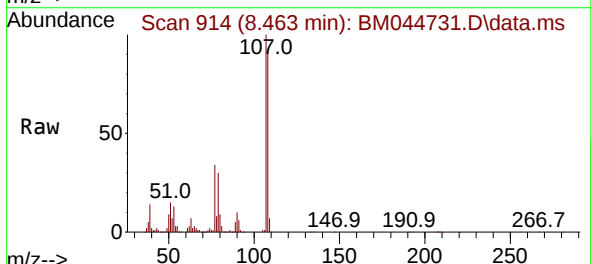
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

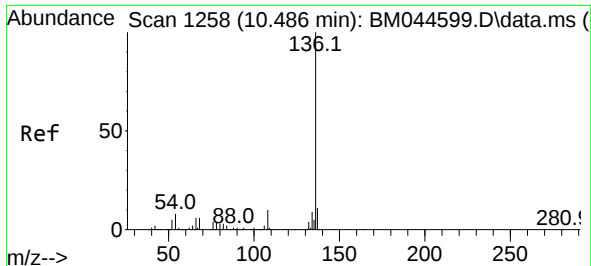
Tgt Ion: 70 Resp: 363013
Ion Ratio Lower Upper
70 100
42 60.5 46.6 69.8
101 9.1 7.6 11.4
130 20.3 16.7 25.1



#20
3+4-Methylphenols
Concen: 37.070 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 107 Resp: 615437
Ion Ratio Lower Upper
107 100
108 91.8 72.7 112.7
77 34.0 13.3 53.3
79 29.6 8.9 48.9

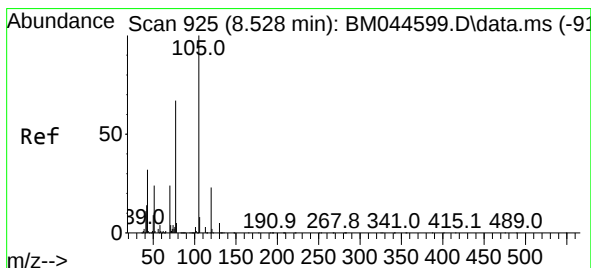
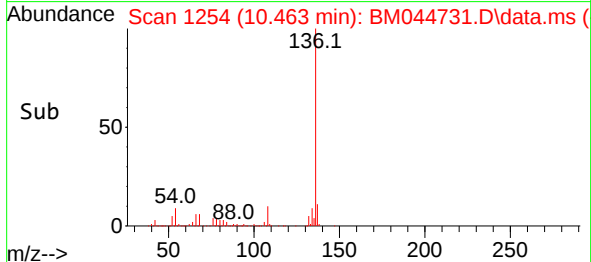
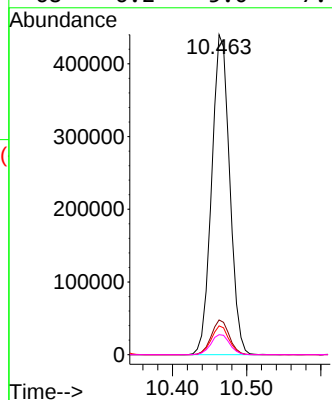
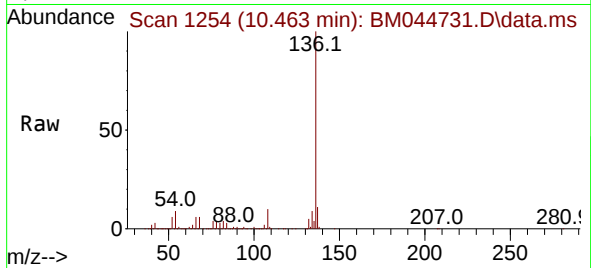




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

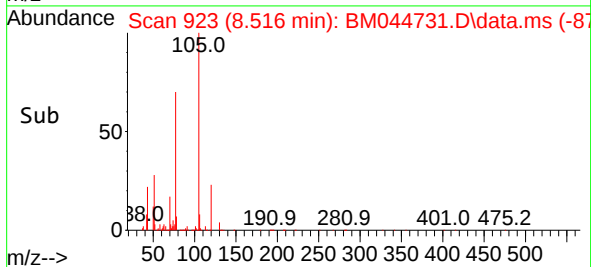
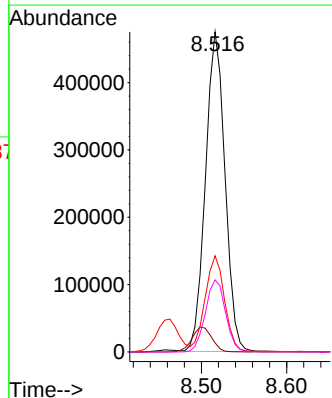
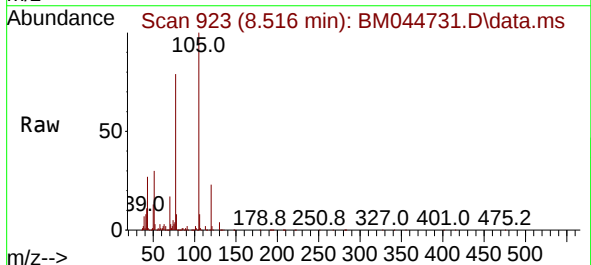
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

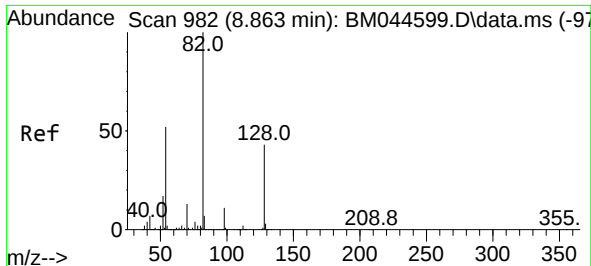
Tgt Ion:136 Resp: 741662
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.0 6.6 10.0
68 6.2 5.0 7.4



#22
Acetophenone
Concen: 38.765 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:105 Resp: 755336
Ion Ratio Lower Upper
105 100
71 2.9 3.4 5.2#
51 30.1 22.2 33.4
120 22.6 18.6 27.8

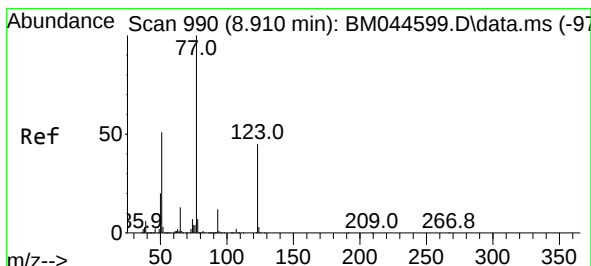
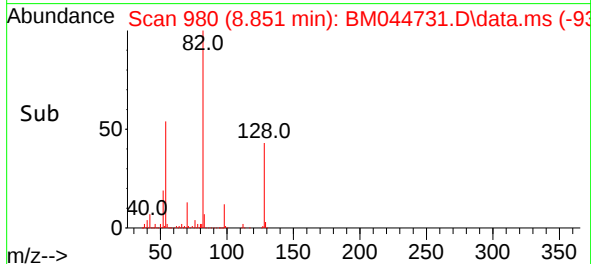
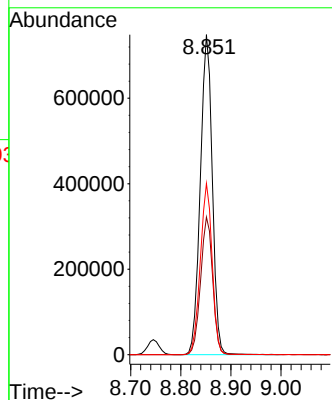
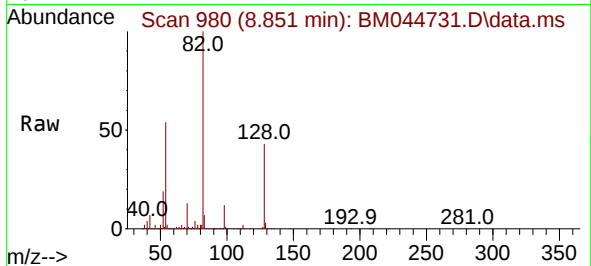




#23
Nitrobenzene-d5
Concen: 80.646 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

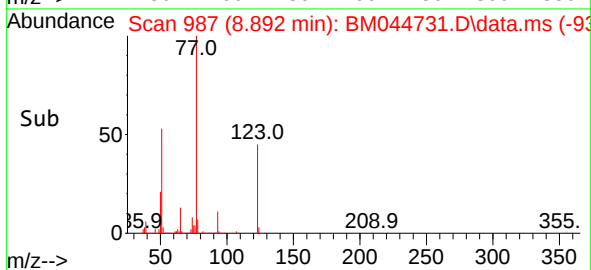
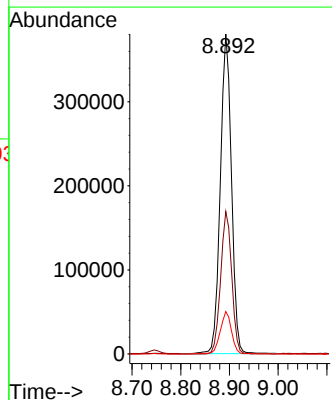
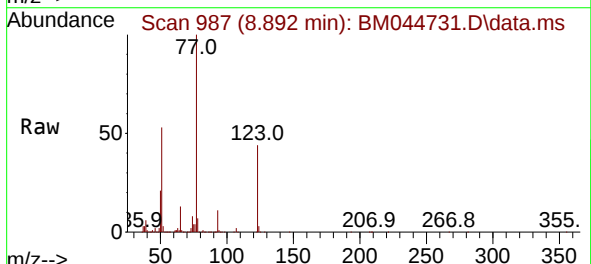
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

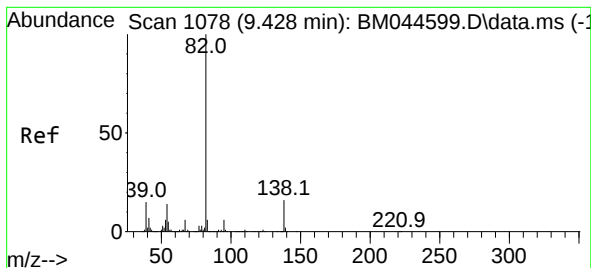
Tgt Ion: 82 Resp: 1241548
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.4
54 53.5 41.3 61.9



#24
Nitrobenzene
Concen: 39.537 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 77 Resp: 601681
Ion Ratio Lower Upper
77 100
123 44.5 35.9 53.9
65 13.3 10.7 16.1





#25

Isophorone

Concen: 38.160 ng

RT: 9.410 min Scan# 1106

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

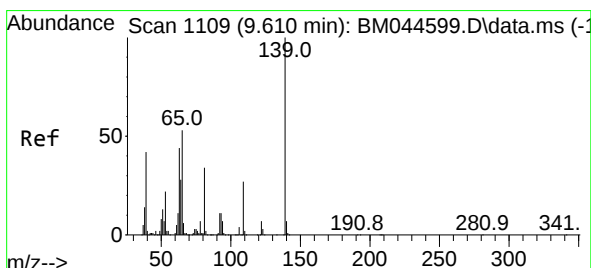
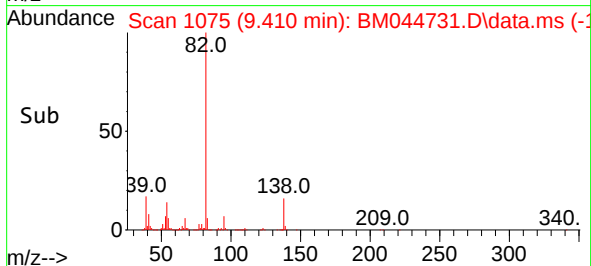
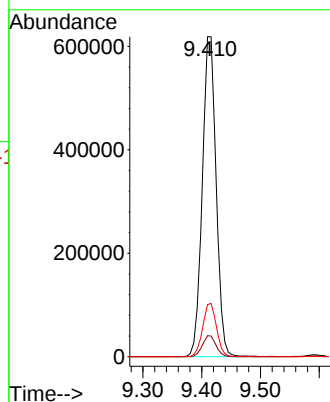
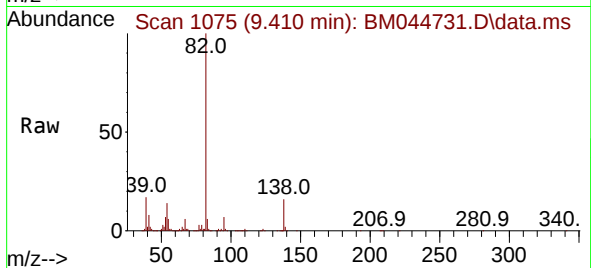
Tgt Ion: 82 Resp: 1013611

Ion Ratio Lower Upper

82 100

95 6.6 4.9 7.3

138 16.3 12.9 19.3



#26

2-Nitrophenol

Concen: 40.989 ng

RT: 9.592 min Scan# 1106

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

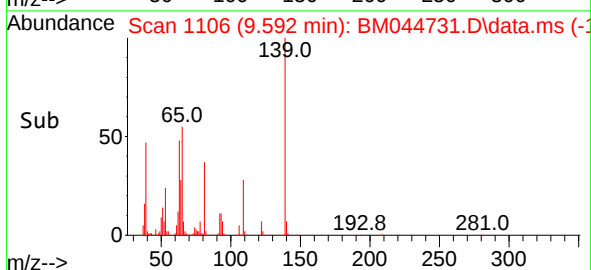
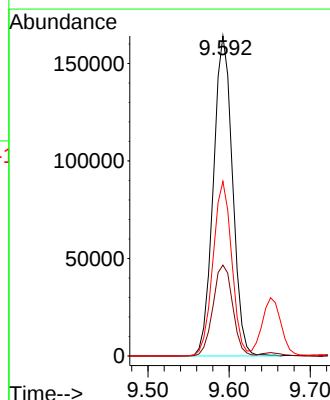
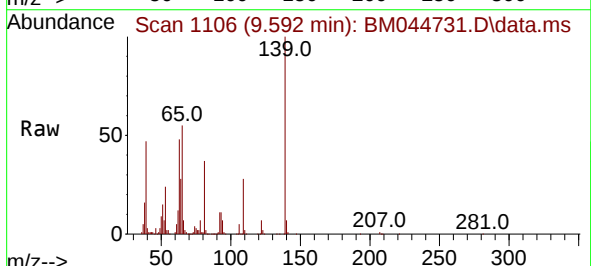
Tgt Ion:139 Resp: 269163

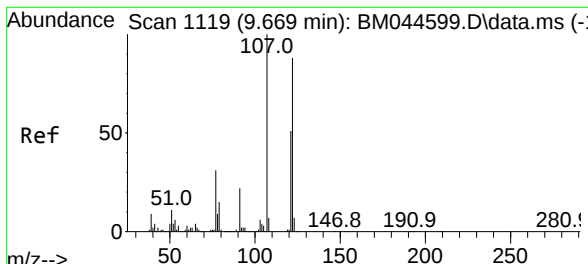
Ion Ratio Lower Upper

139 100

109 28.4 21.2 31.8

65 54.6 42.4 63.6



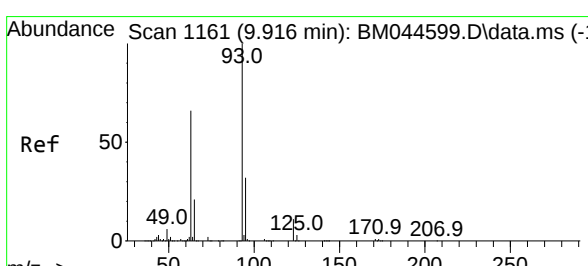
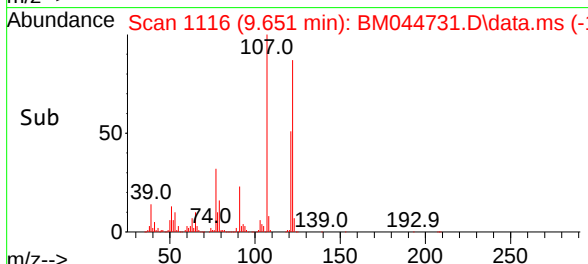
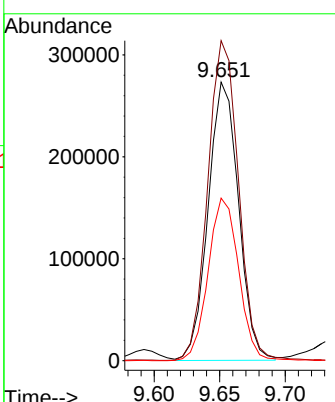
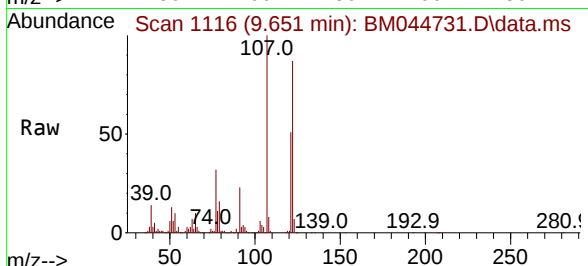


#27
 2,4-Dimethylphenol
 Concen: 38.101 ng
 RT: 9.651 min Scan# 1116
 Delta R.T. -0.018 min
 Lab File: BM044731.D
 Acq: 22 Mar 2024 12:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:122 Resp: 440000

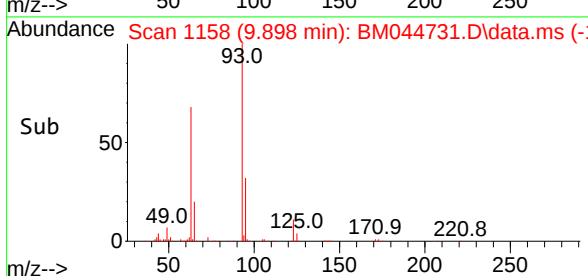
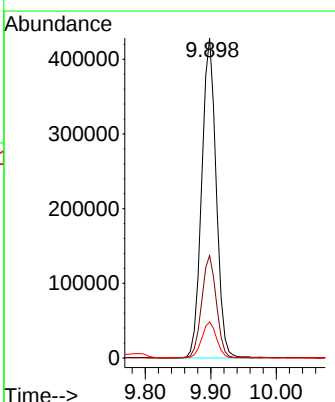
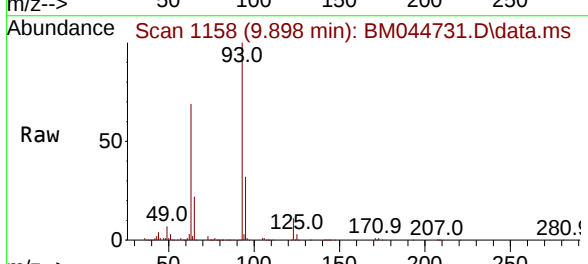
Ion	Ratio	Lower	Upper
122	100		
107	114.9	90.5	135.7
121	58.4	46.2	69.4

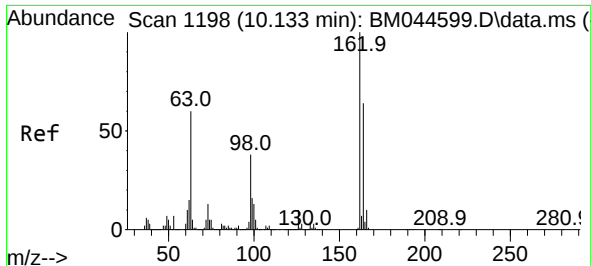


#28
 bis(2-Chloroethoxy)methane
 Concen: 37.394 ng
 RT: 9.898 min Scan# 1158
 Delta R.T. -0.018 min
 Lab File: BM044731.D
 Acq: 22 Mar 2024 12:48

Tgt Ion: 93 Resp: 659580

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.6
123	11.3	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 39.769 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

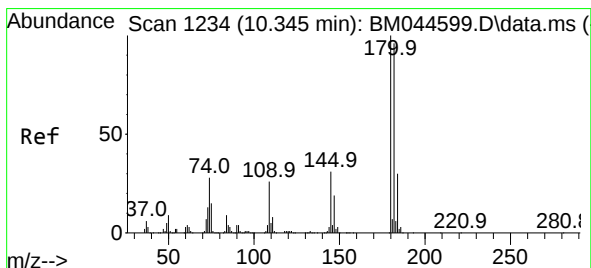
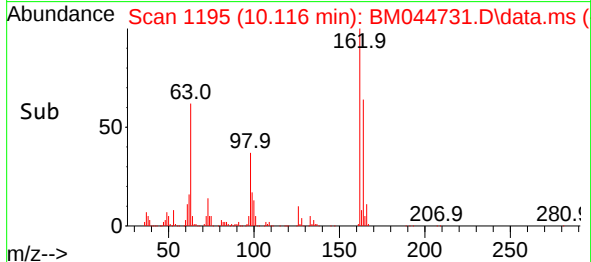
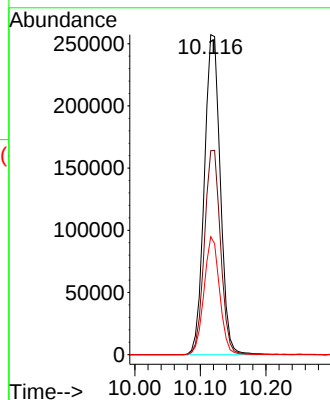
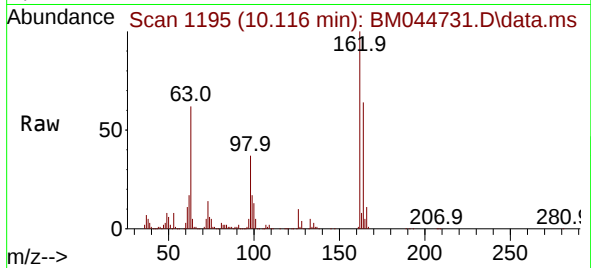
Tgt Ion:162 Resp: 437709

Ion Ratio Lower Upper

162 100

164 63.7 44.1 84.1

98 36.9 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 39.176 ng

RT: 10.328 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

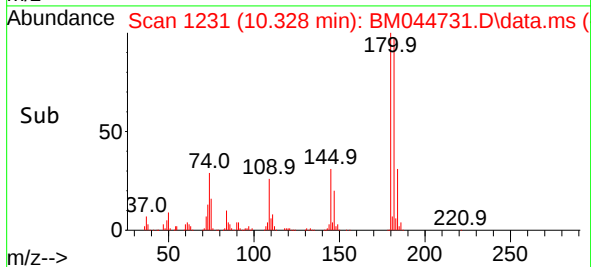
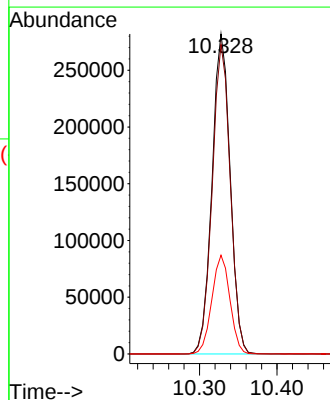
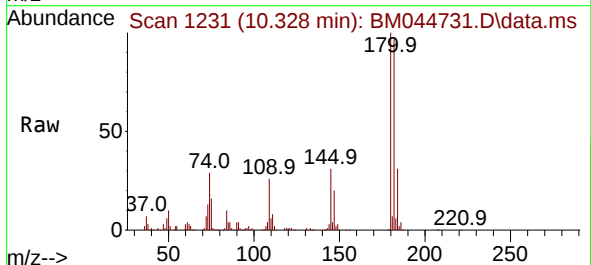
Tgt Ion:180 Resp: 458712

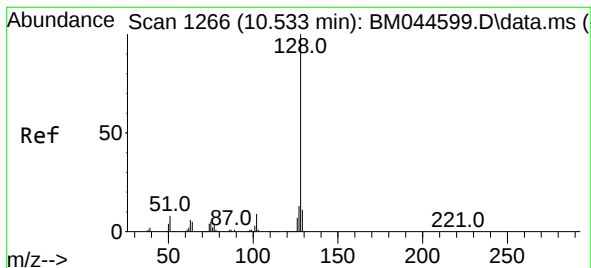
Ion Ratio Lower Upper

180 100

182 96.8 76.6 115.0

145 30.8 24.6 36.8





#31

Naphthalene

Concen: 38.312 ng

RT: 10.516 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

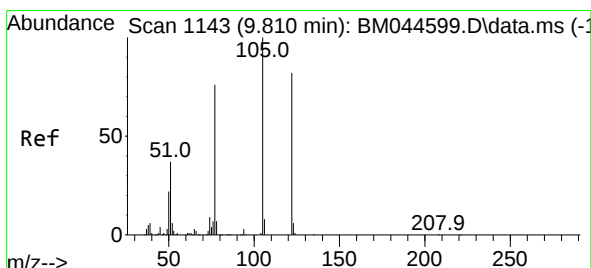
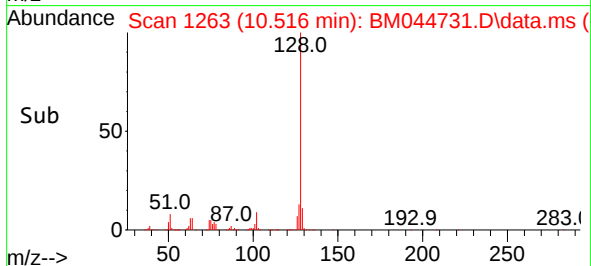
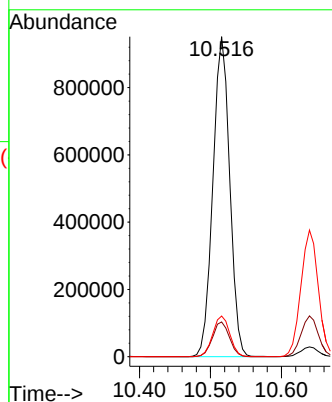
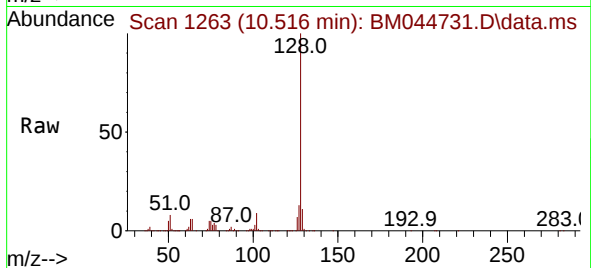
Tgt Ion:128 Resp: 1559426

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.7 10.2 15.4



#32

Benzoic acid

Concen: 29.550 ng

RT: 9.792 min Scan# 1140

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

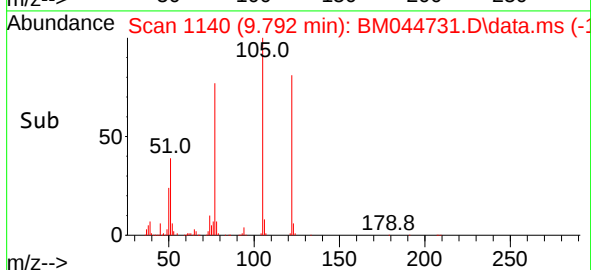
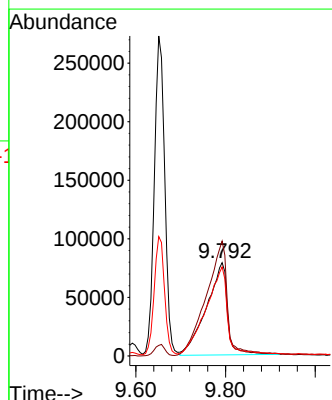
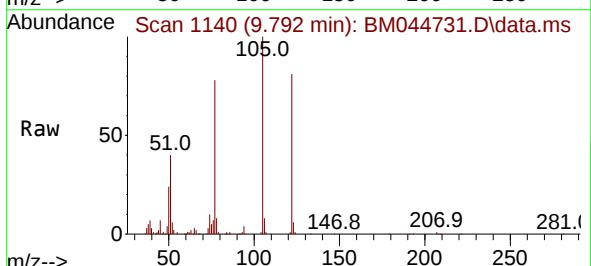
Tgt Ion:122 Resp: 258472

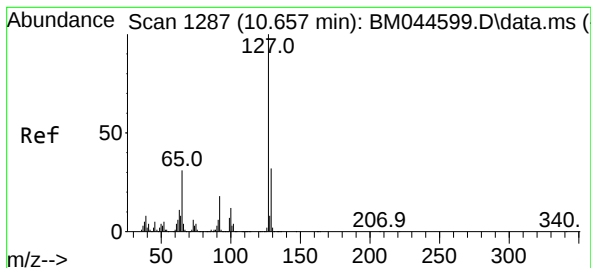
Ion Ratio Lower Upper

122 100

105 123.1 100.0 140.0

77 95.5 72.5 112.5





#33

4-Chloroaniline

Concen: 37.753 ng

RT: 10.639 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 644668

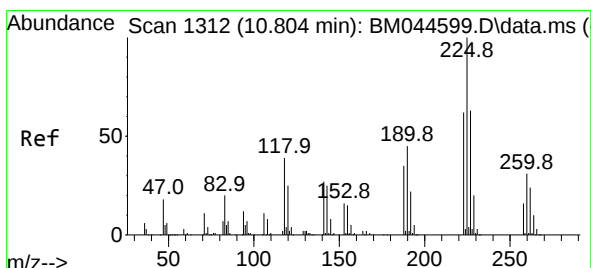
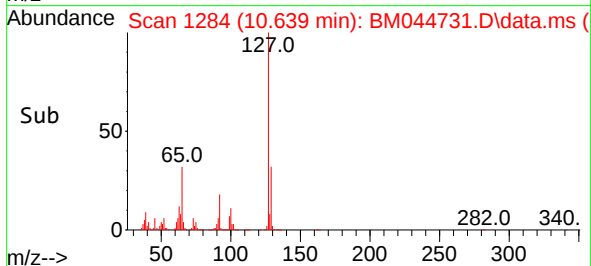
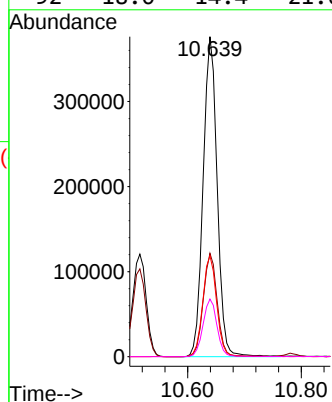
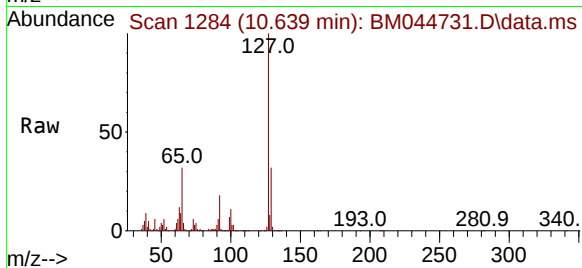
Ion Ratio Lower Upper

127 100

129 32.3 25.6 38.4

65 31.5 25.1 37.7

92 18.0 14.4 21.6



#34

Hexachlorobutadiene

Concen: 41.144 ng

RT: 10.780 min Scan# 1308

Delta R.T. -0.024 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

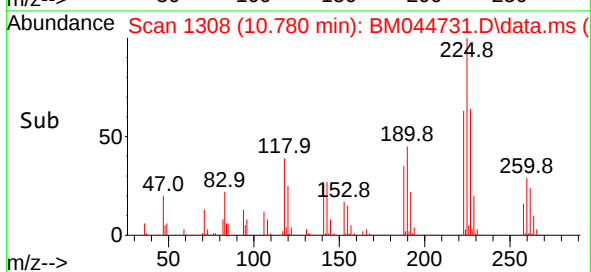
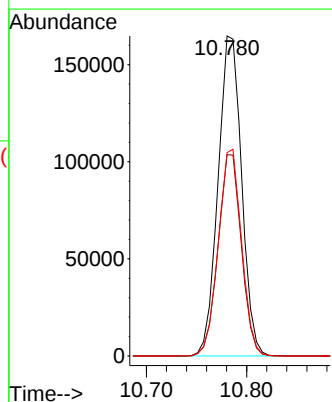
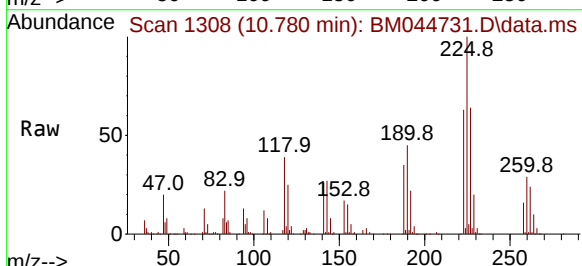
Tgt Ion:225 Resp: 268606

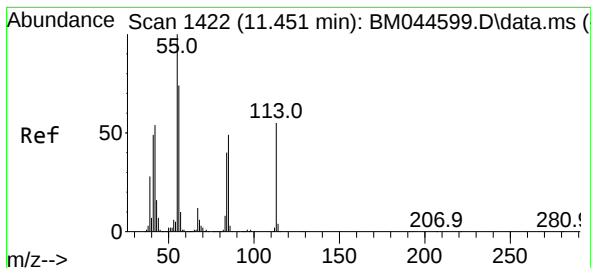
Ion Ratio Lower Upper

225 100

223 62.9 49.9 74.9

227 63.5 50.6 75.8





#35

Caprolactam

Concen: 36.466 ng

RT: 11.445 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

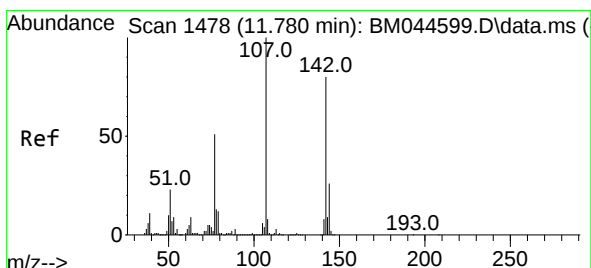
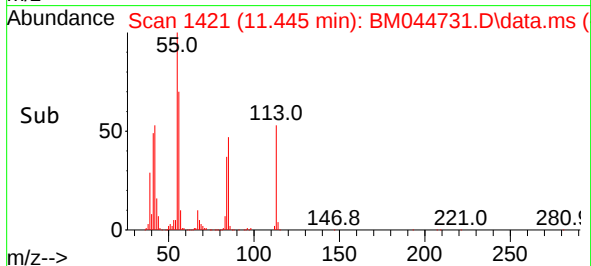
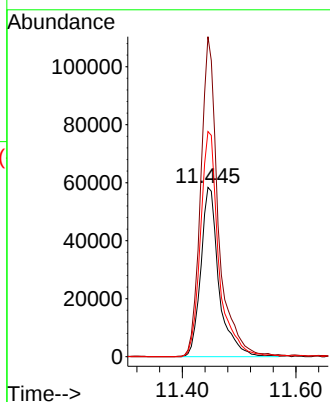
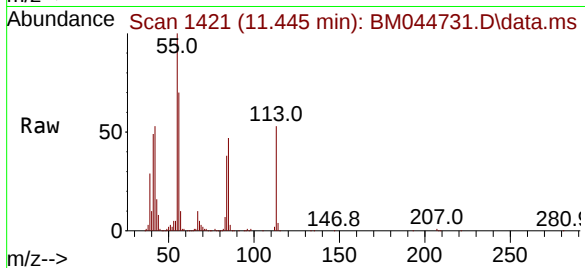
Tgt Ion:113 Resp: 129467

Ion Ratio Lower Upper

113 100

55 189.1 161.1 201.1

56 133.0 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 37.126 ng

RT: 11.763 min Scan# 1475

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

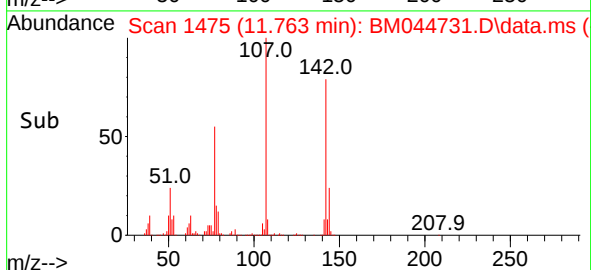
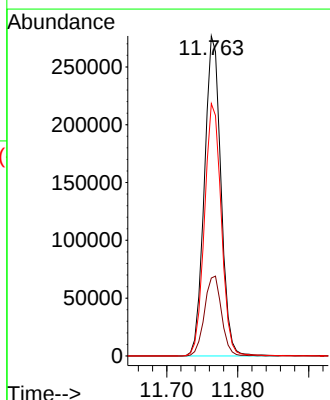
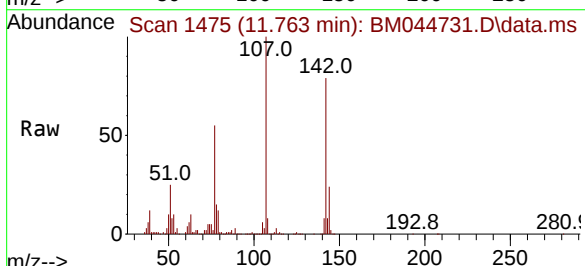
Tgt Ion:107 Resp: 448389

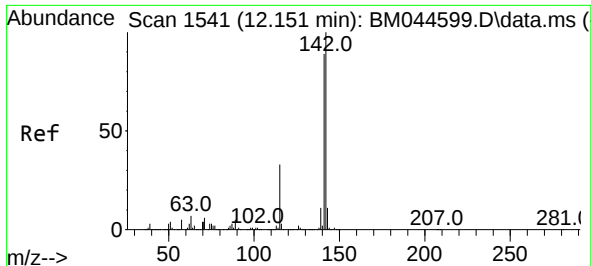
Ion Ratio Lower Upper

107 100

144 24.4 20.8 31.2

142 78.9 63.8 95.8

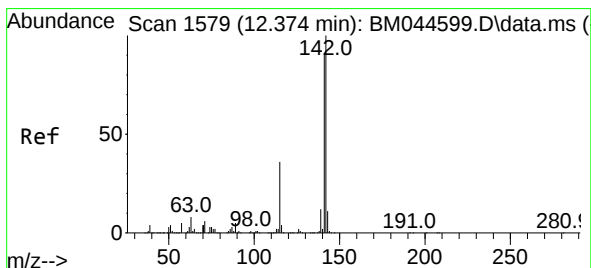
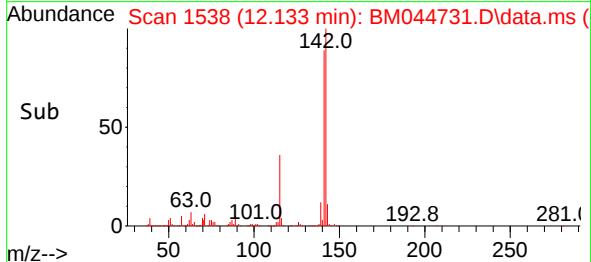
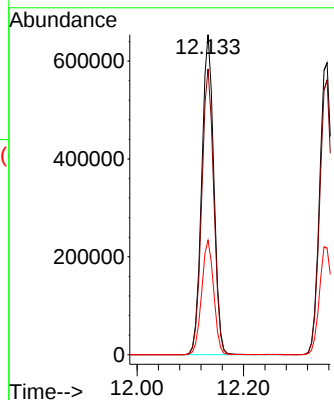
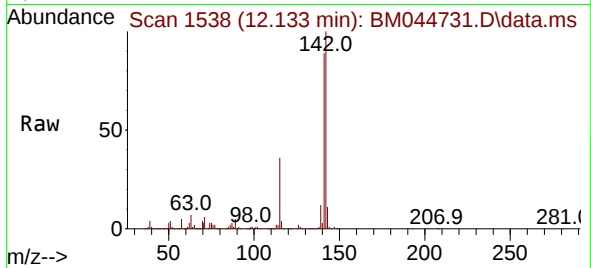




#37
2-Methylnaphthalene
Concen: 37.317 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

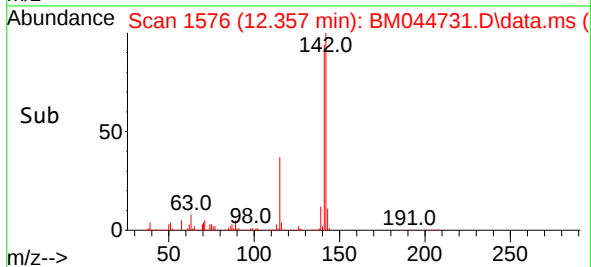
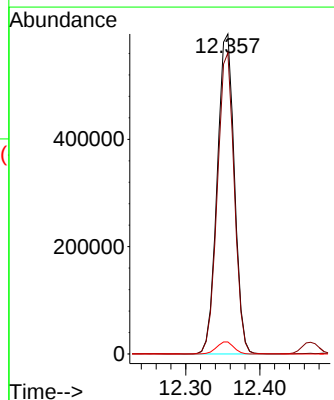
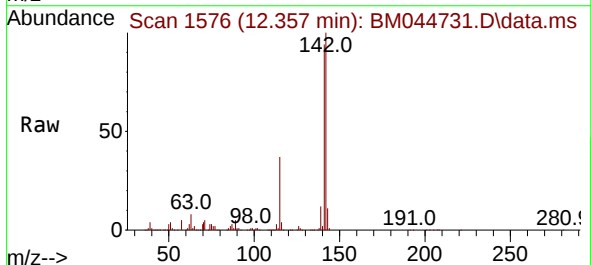
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

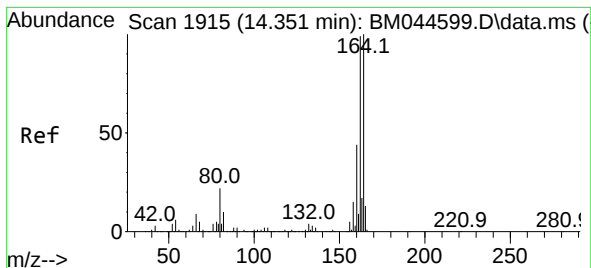
Tgt Ion:142 Resp: 1030928
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 35.7 26.6 40.0



#38
1-Methylnaphthalene
Concen: 37.309 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:142 Resp: 960619
Ion Ratio Lower Upper
142 100
141 94.1 72.9 109.3
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.333 min Scan# 1915

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

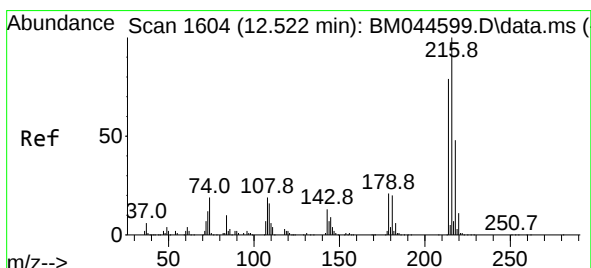
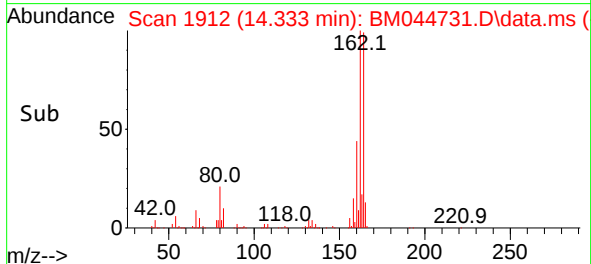
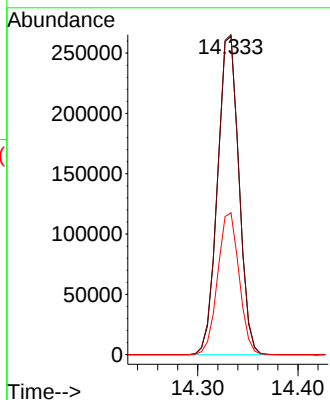
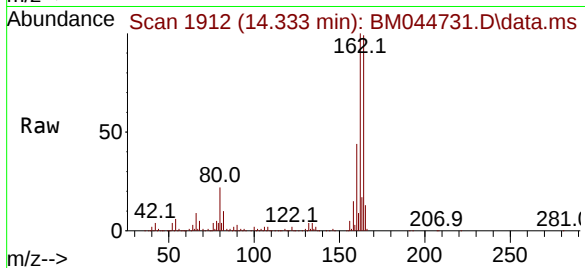
Tgt Ion:164 Resp: 389505

Ion Ratio Lower Upper

164 100

162 100.5 79.3 118.9

160 44.6 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.920 ng

RT: 12.504 min Scan# 1601

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Tgt Ion:216 Resp: 452297

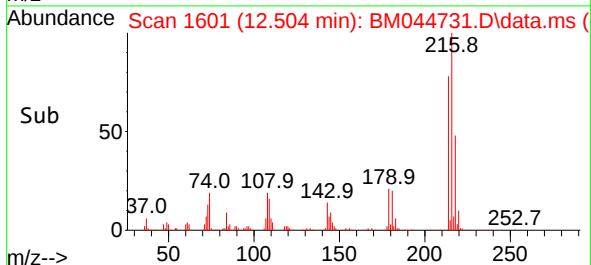
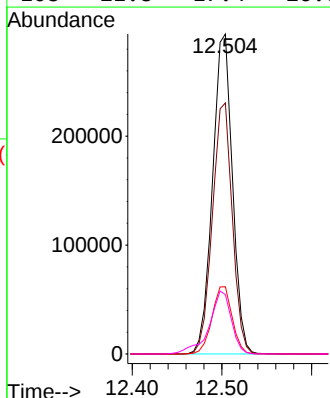
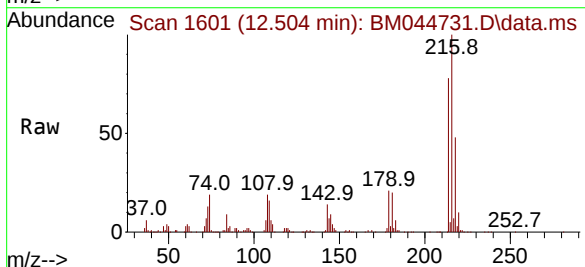
Ion Ratio Lower Upper

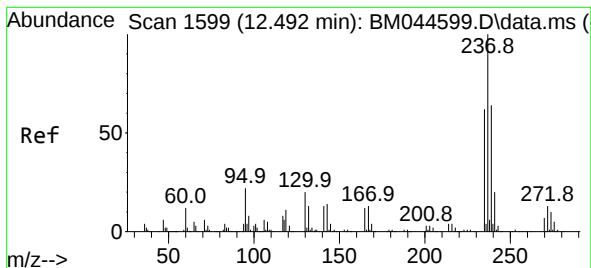
216 100

214 78.6 62.9 94.3

179 21.3 16.9 25.3

108 21.8 17.4 26.0





#41

Hexachlorocyclopentadiene

Concen: 41.160 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

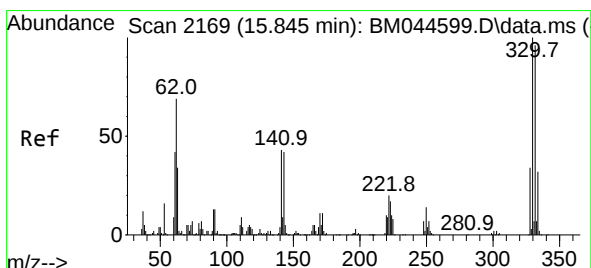
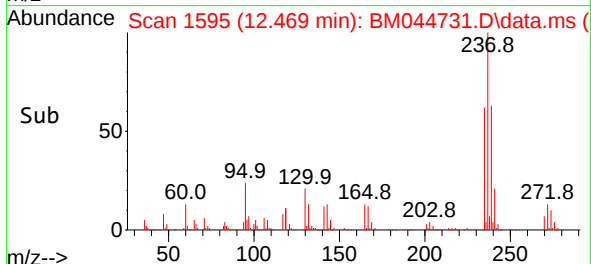
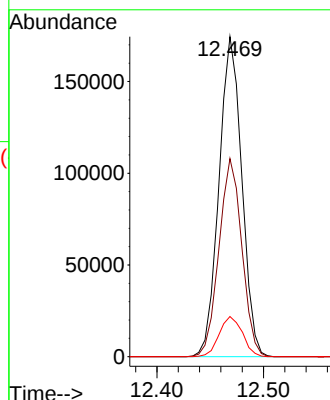
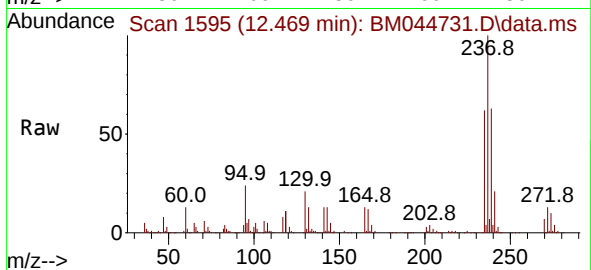
Tgt Ion:237 Resp: 259183

Ion Ratio Lower Upper

237 100

235 61.9 42.1 82.1

272 12.6 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 80.394 ng

RT: 15.833 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

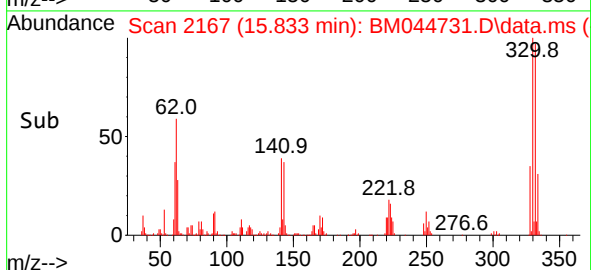
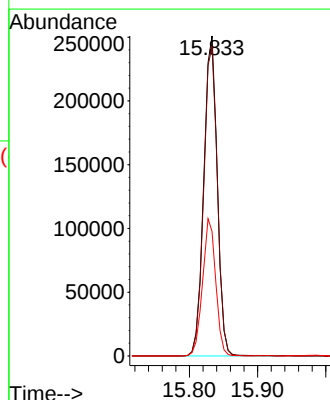
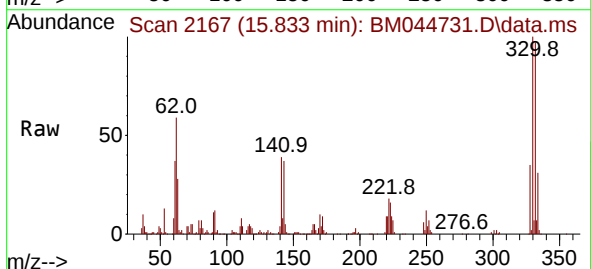
Tgt Ion:330 Resp: 345381

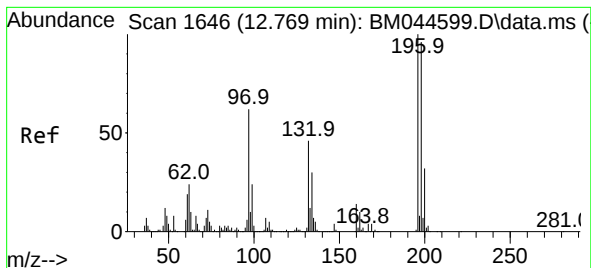
Ion Ratio Lower Upper

330 100

332 97.7 77.8 116.8

141 41.8 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 40.965 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

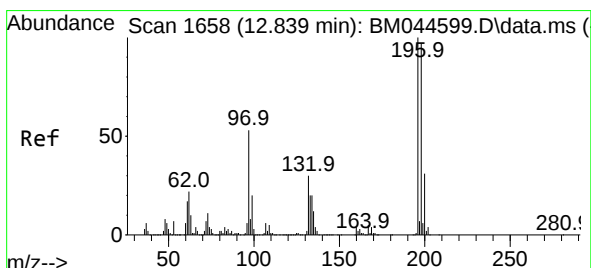
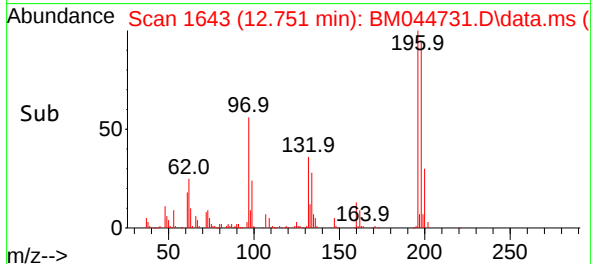
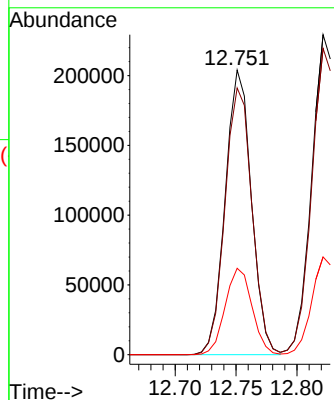
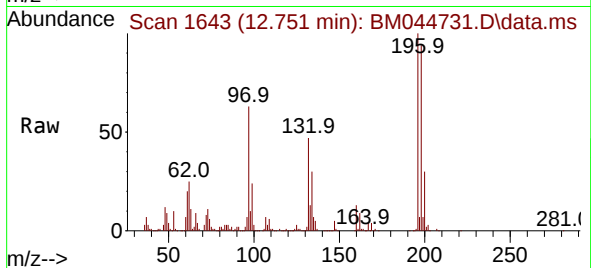
Tgt Ion:196 Resp: 305748

Ion Ratio Lower Upper

196 100

198 93.7 76.9 115.3

200 30.3 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 40.220 ng

RT: 12.821 min Scan# 1655

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Tgt Ion:196 Resp: 355691

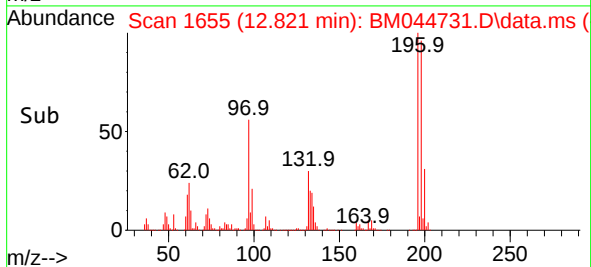
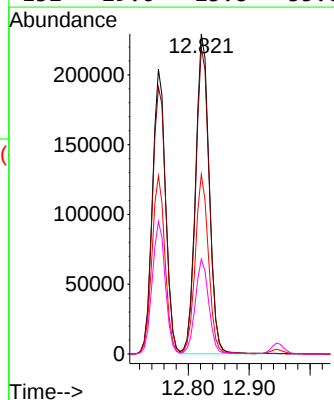
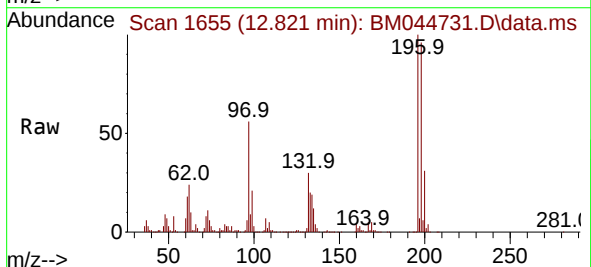
Ion Ratio Lower Upper

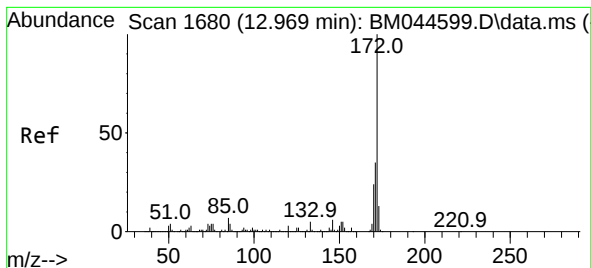
196 100

198 95.7 77.7 116.5

97 56.1 42.8 64.2

132 29.6 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 81.705 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

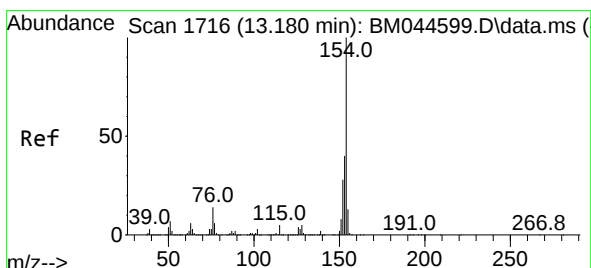
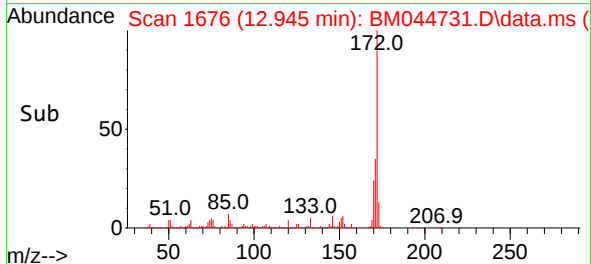
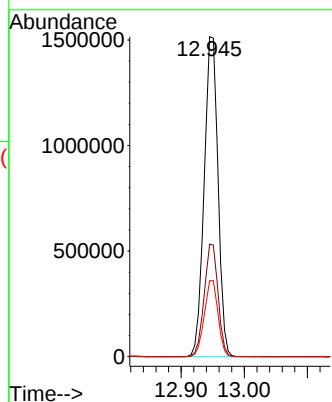
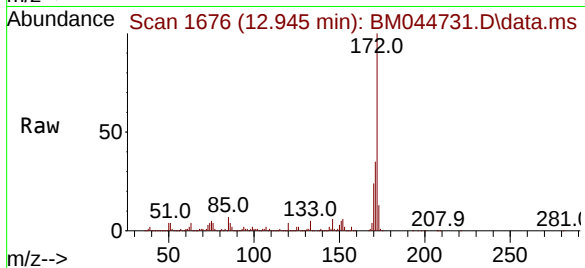
Tgt Ion:172 Resp: 2310785

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.367 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

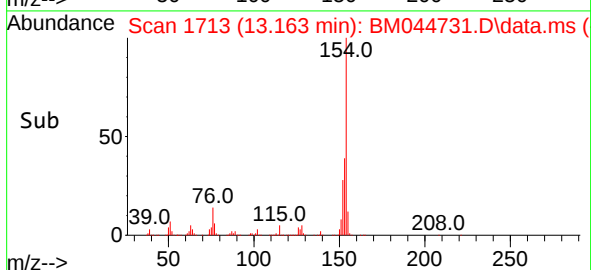
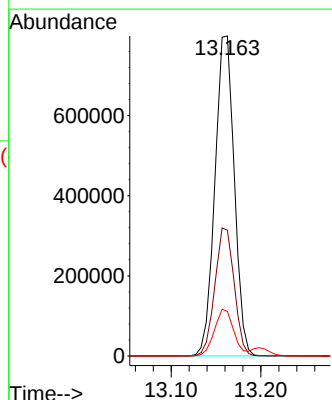
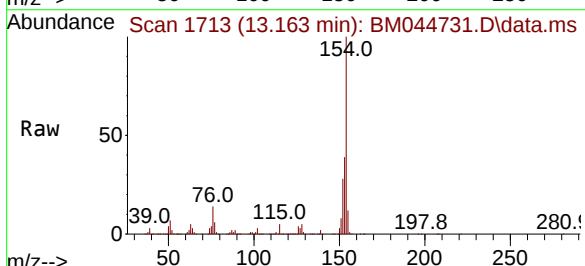
Tgt Ion:154 Resp: 1199273

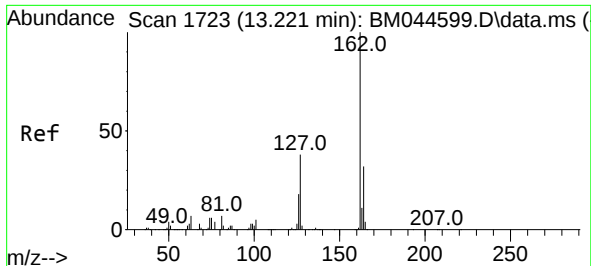
Ion Ratio Lower Upper

154 100

153 39.3 19.9 59.9

76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.719 ng

RT: 13.198 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

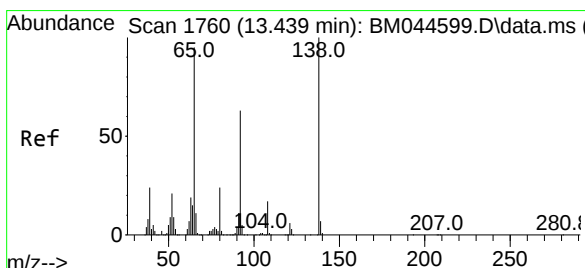
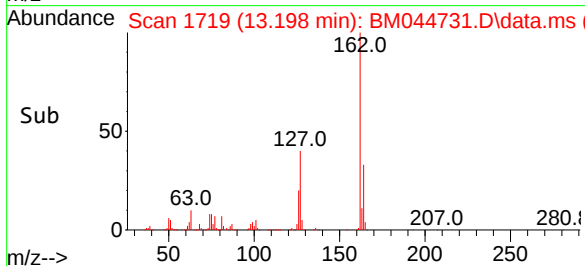
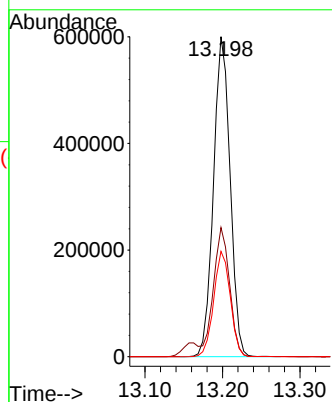
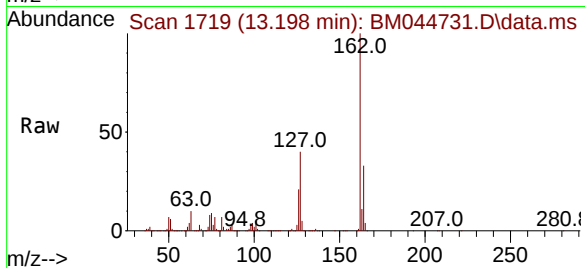
Tgt Ion:162 Resp: 894748

Ion Ratio Lower Upper

162 100

127 40.4 31.4 47.0

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 39.966 ng

RT: 13.421 min Scan# 1757

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

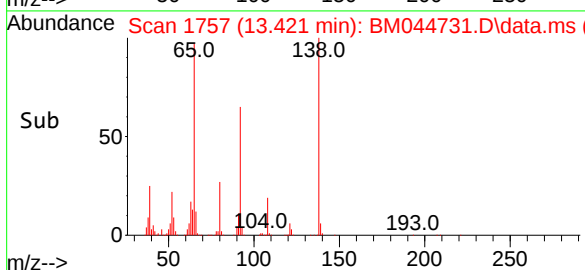
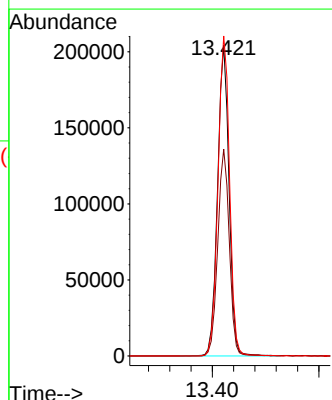
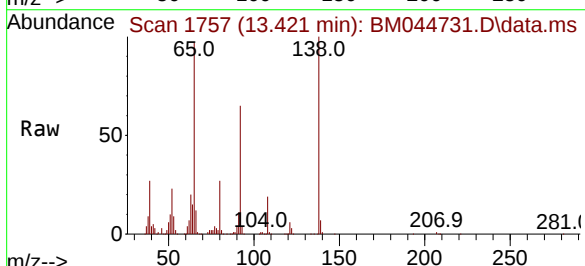
Tgt Ion: 65 Resp: 305481

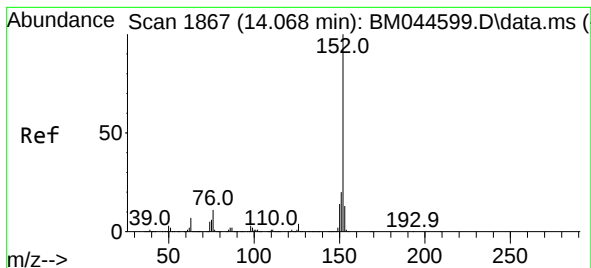
Ion Ratio Lower Upper

65 100

92 66.6 53.3 79.9

138 102.9 84.3 126.5





#49

Acenaphthylene

Concen: 39.527 ng

RT: 14.051 min Scan# 1864

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

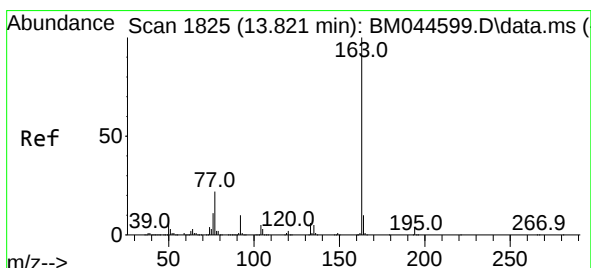
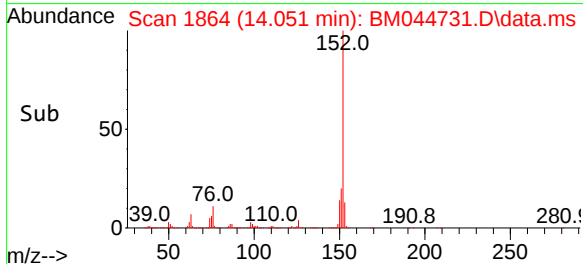
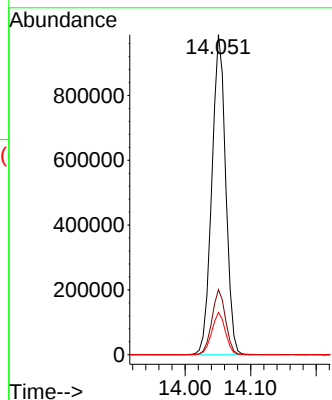
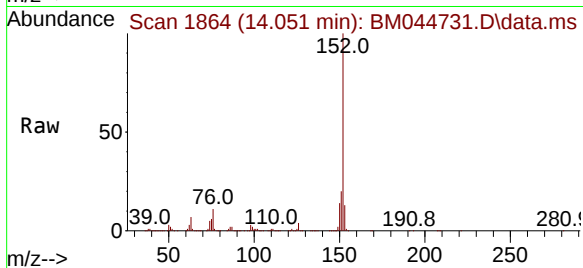
Tgt Ion:152 Resp: 1450529

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 37.610 ng

RT: 13.804 min Scan# 1822

Delta R.T. -0.017 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

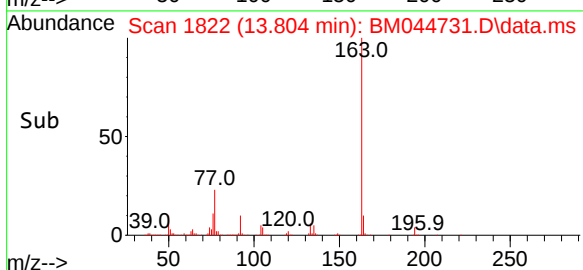
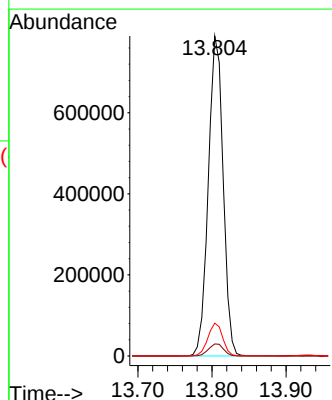
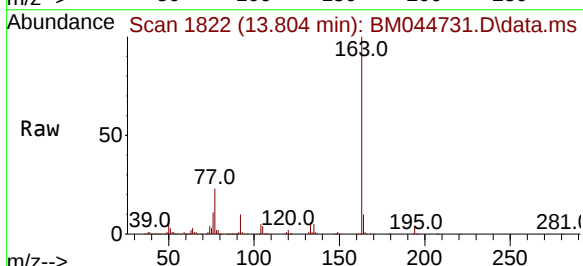
Tgt Ion:163 Resp: 1095726

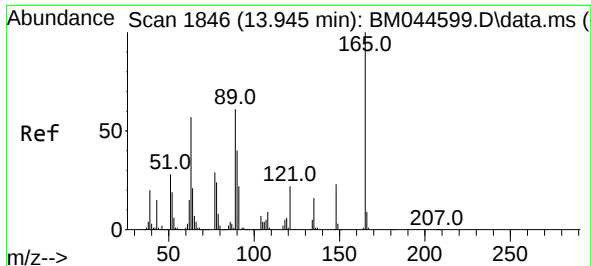
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 38.668 ng

RT: 13.927 min Scan# 1843

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

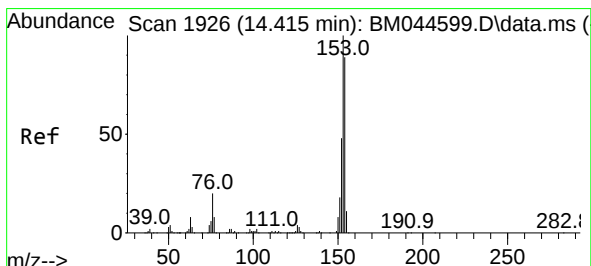
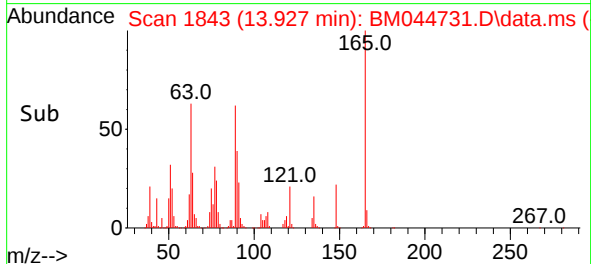
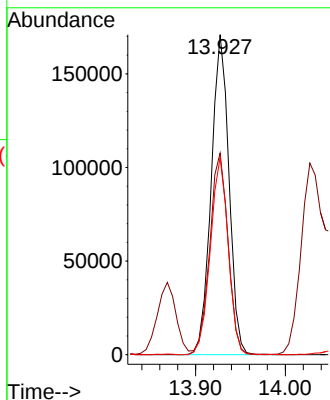
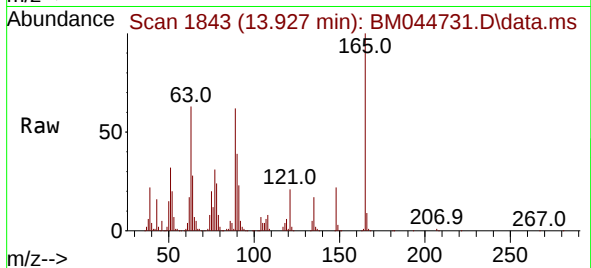
Tgt Ion:165 Resp: 234596

Ion Ratio Lower Upper

165 100

63 63.0 50.4 75.6

89 61.7 49.3 73.9



#52

Acenaphthene

Concen: 39.028 ng

RT: 14.398 min Scan# 1923

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

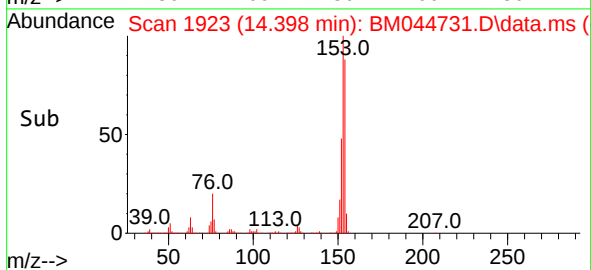
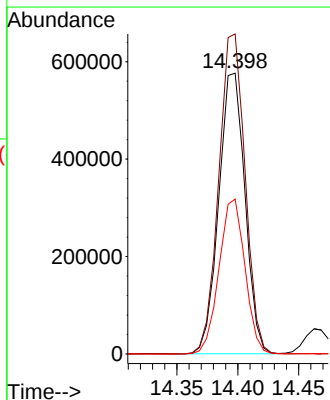
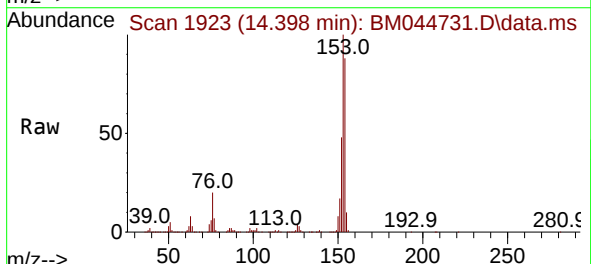
Tgt Ion:154 Resp: 865781

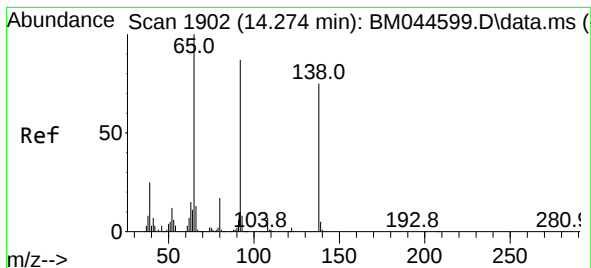
Ion Ratio Lower Upper

154 100

153 114.0 90.3 135.5

152 55.1 43.1 64.7

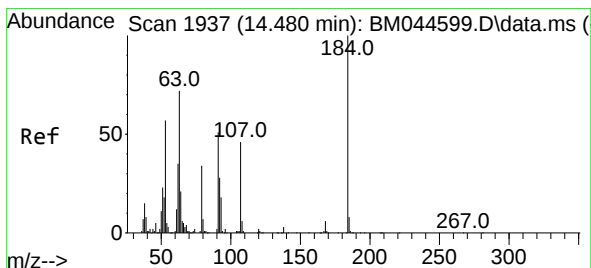
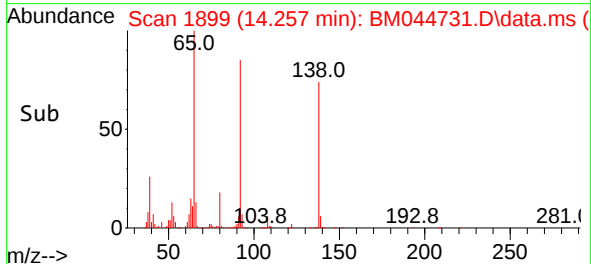
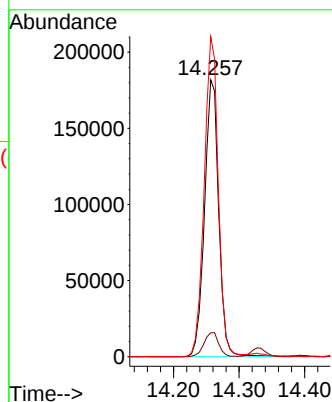
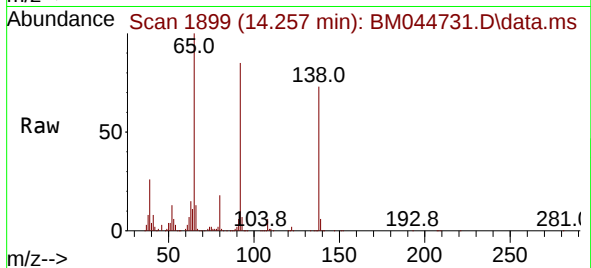




#53
3-Nitroaniline
Concen: 38.541 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

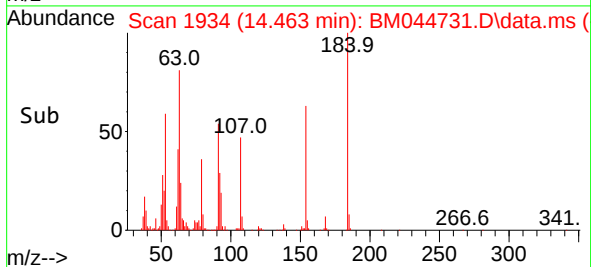
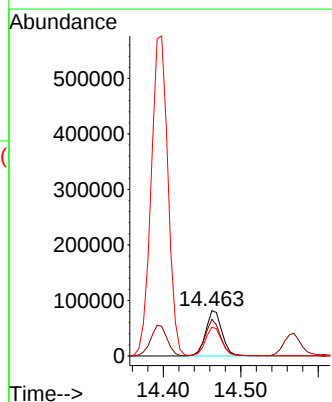
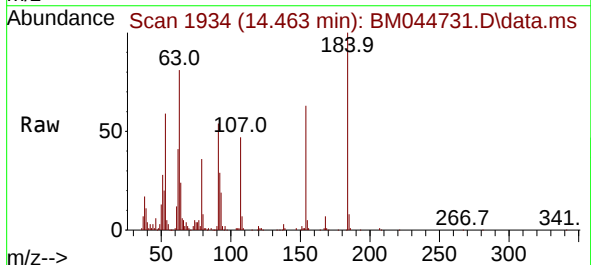
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

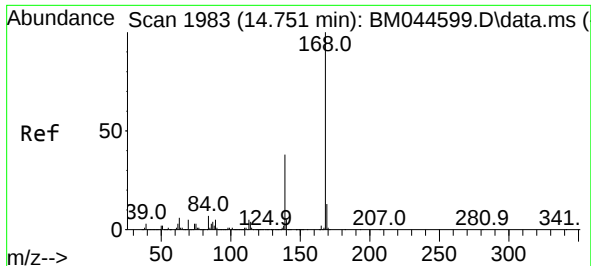
Tgt Ion:138 Resp: 273804
Ion Ratio Lower Upper
138 100
108 8.6 7.5 11.3
92 115.6 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 32.841 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.017 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:184 Resp: 119176
Ion Ratio Lower Upper
184 100
63 81.0 62.2 93.2
154 63.2 47.9 71.9

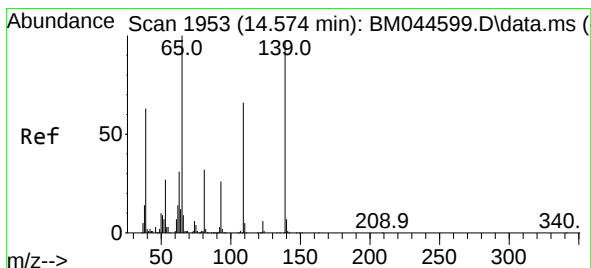
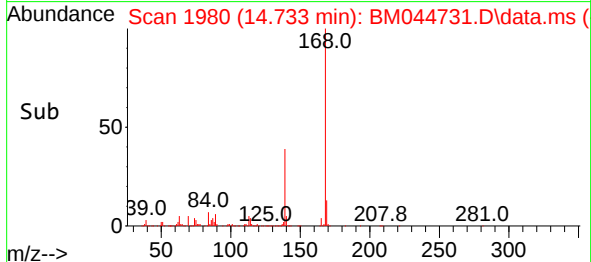
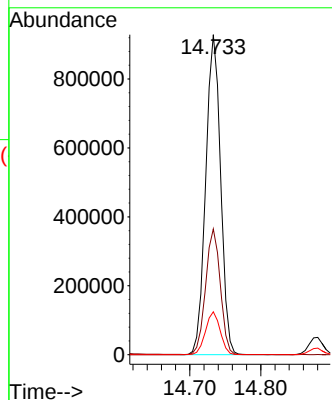
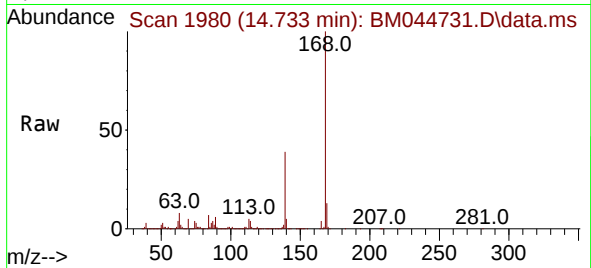




#55
Dibenzofuran
Concen: 38.384 ng
RT: 14.733 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

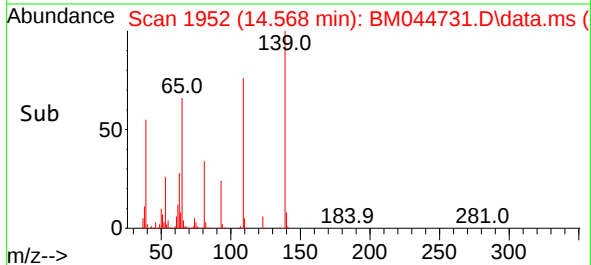
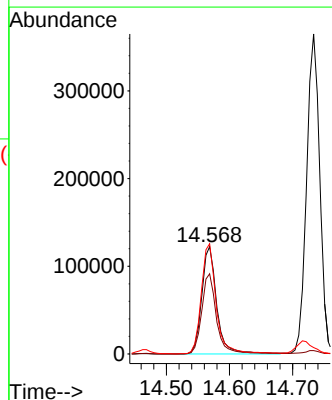
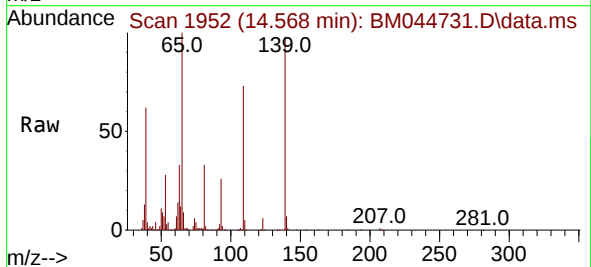
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

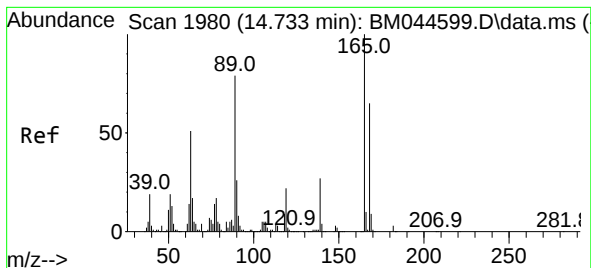
Tgt Ion:168 Resp: 1351398
Ion Ratio Lower Upper
168 100
139 39.3 30.6 46.0
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 34.548 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:139 Resp: 201572
Ion Ratio Lower Upper
139 100
109 74.6 48.0 88.0
65 102.6 83.5 123.5

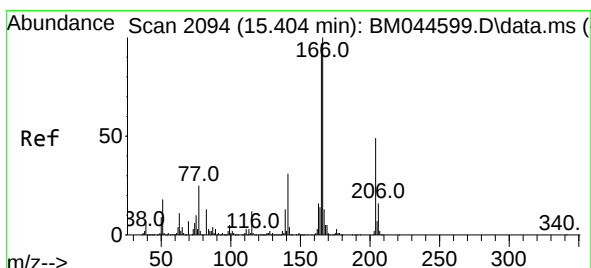
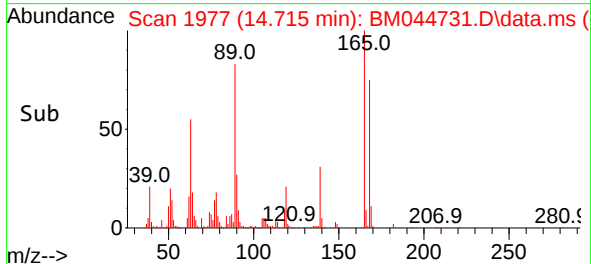
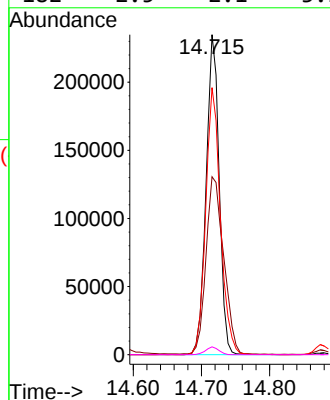
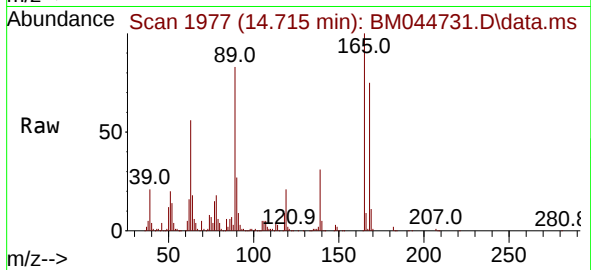




#57
2,4-Dinitrotoluene
Concen: 39.408 ng
RT: 14.715 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

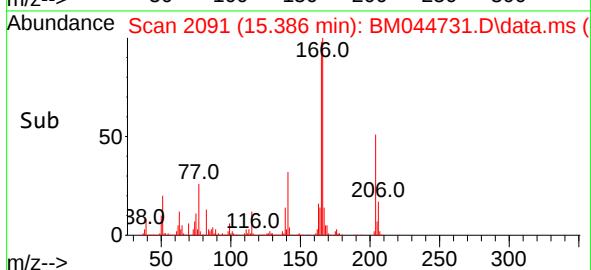
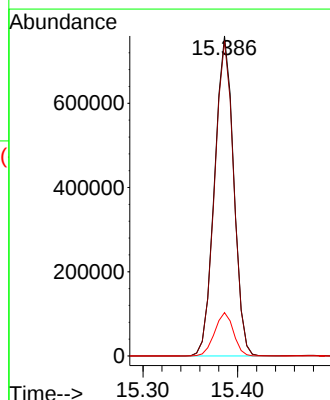
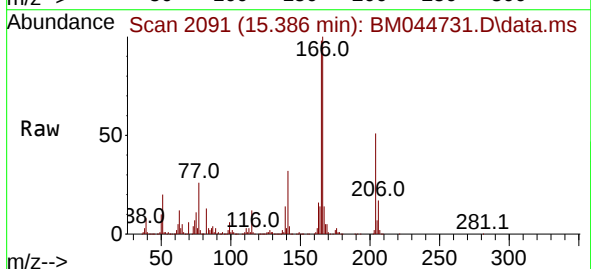
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

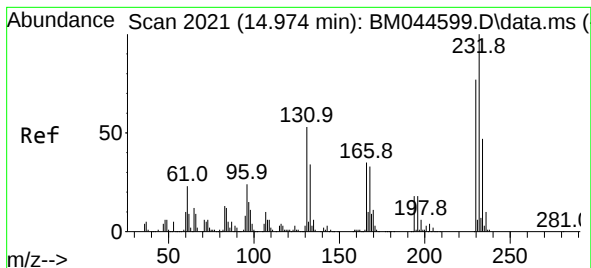
Tgt Ion:165 Resp: 312400
Ion Ratio Lower Upper
165 100
63 55.6 40.9 61.3
89 83.4 63.4 95.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 38.852 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:166 Resp: 1065227
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 13.6 10.8 16.2

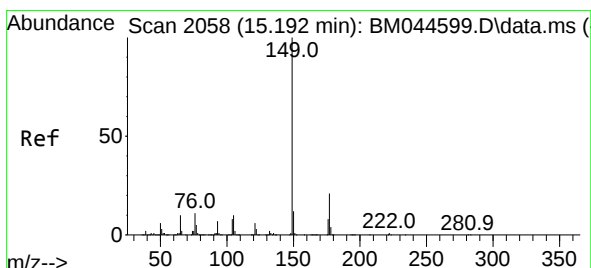
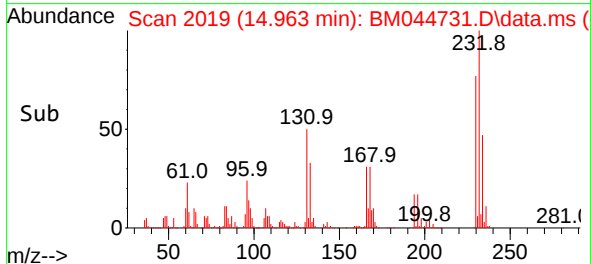
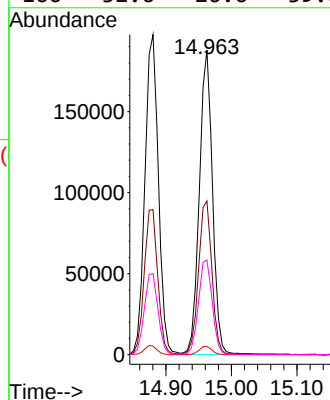
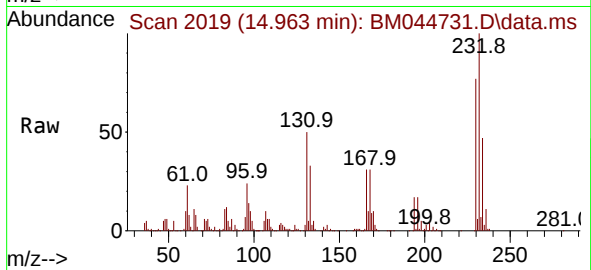




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.228 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

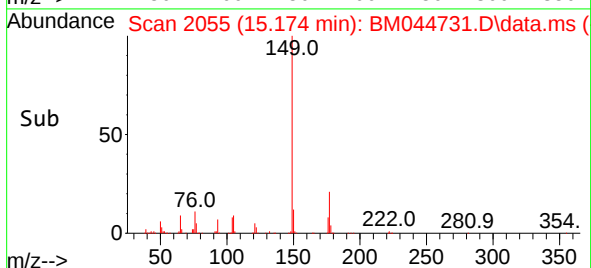
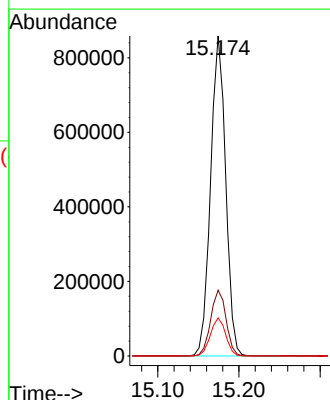
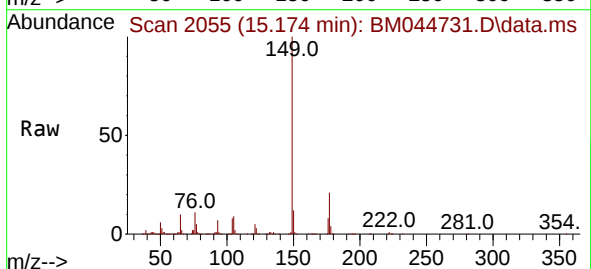
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

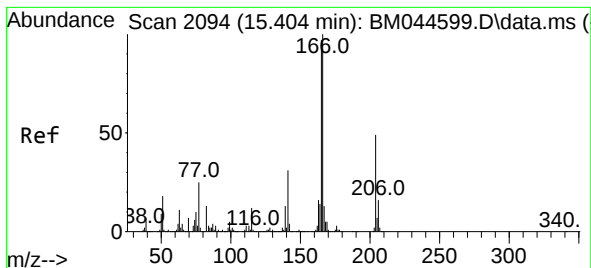
Tgt Ion:232 Resp: 262483
Ion Ratio Lower Upper
232 100
131 51.3 41.0 61.4
130 2.7 2.1 3.1
166 32.6 26.6 39.8



#60
Diethylphthalate
Concen: 37.490 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:149 Resp: 1105683
Ion Ratio Lower Upper
149 100
177 20.6 16.8 25.2
150 11.9 9.8 14.8

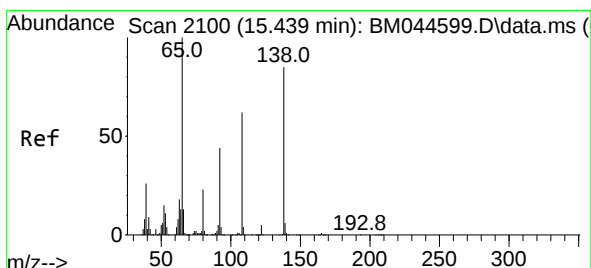
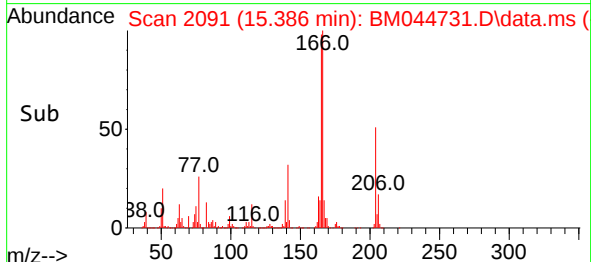
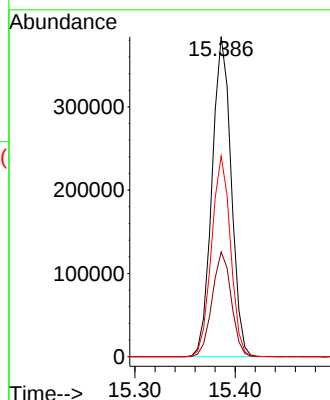
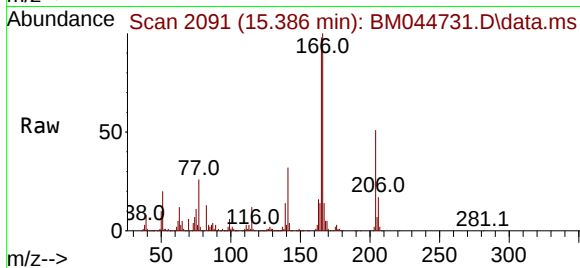




#61
4-Chlorophenyl-phenylether
Concen: 38.804 ng
RT: 15.386 min Scan# 2094
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

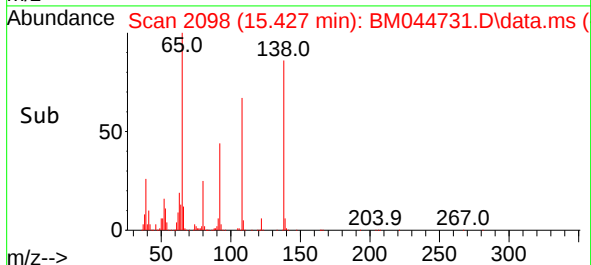
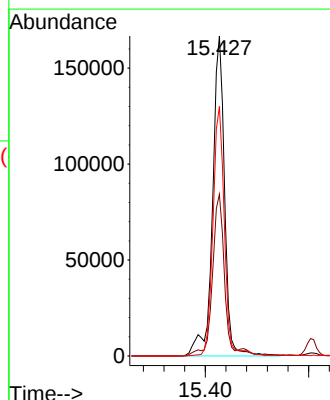
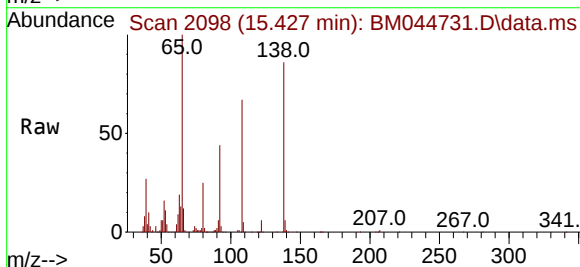
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

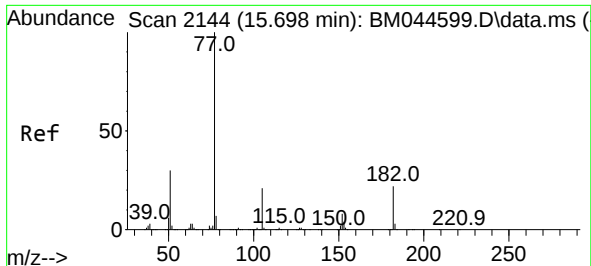
Tgt Ion:204 Resp: 510746
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 62.7 49.8 74.8



#62
4-Nitroaniline
Concen: 38.112 ng
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:138 Resp: 270459
Ion Ratio Lower Upper
138 100
92 50.6 31.9 71.9
108 77.9 53.7 93.7



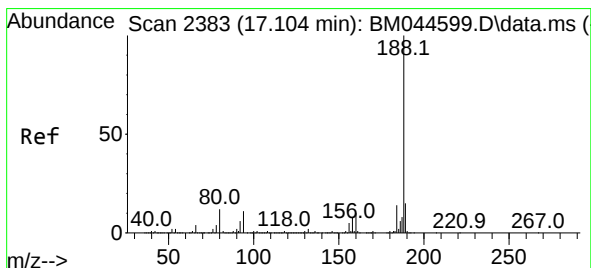
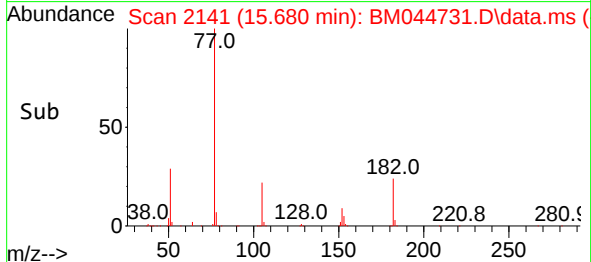
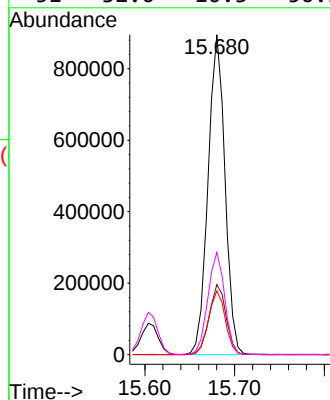
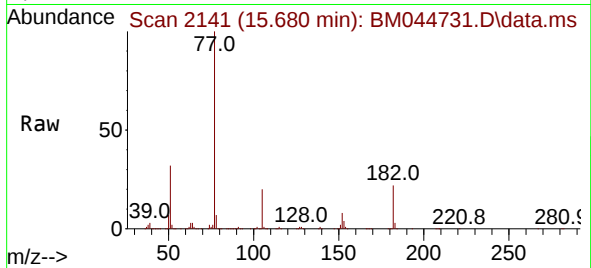


#63
Azobenzene
Concen: 38.393 ng
RT: 15.680 min Scan# 2144
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1170451

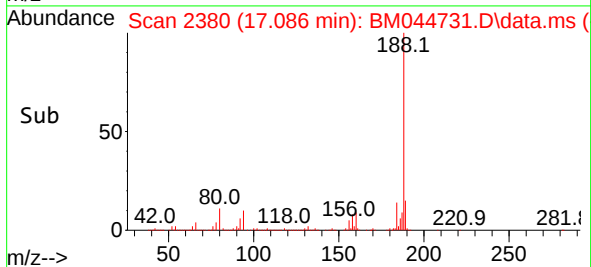
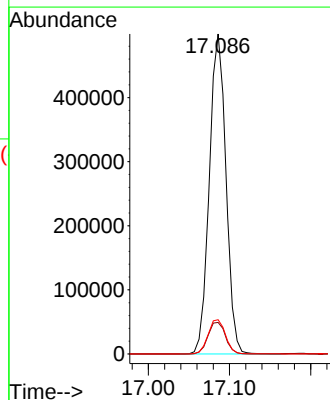
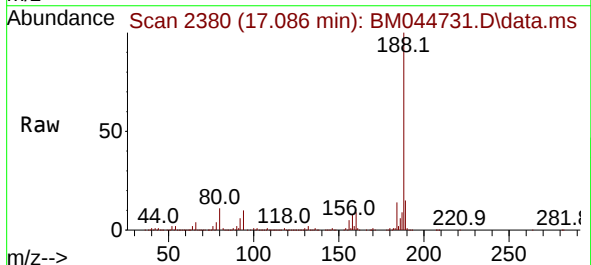
Ion	Ratio	Lower	Upper
77	100		
182	21.9	1.8	41.8
105	19.9	0.7	40.7
51	32.0	10.3	50.3

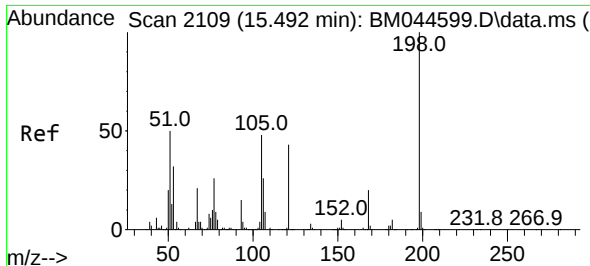


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion: 188 Resp: 709661

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	10.7	9.4	14.0

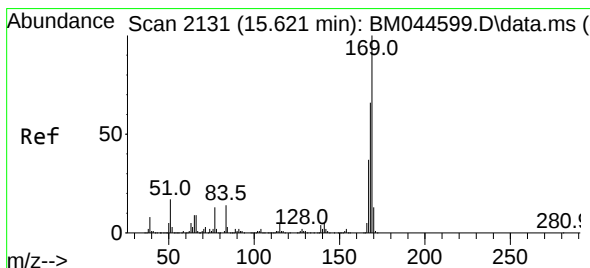
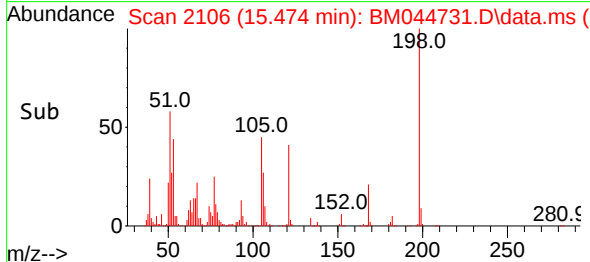
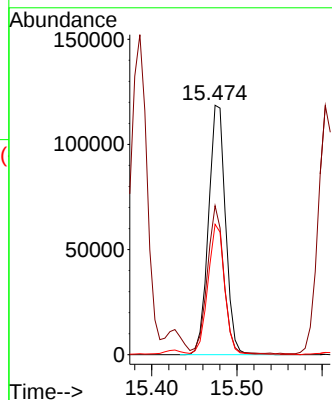
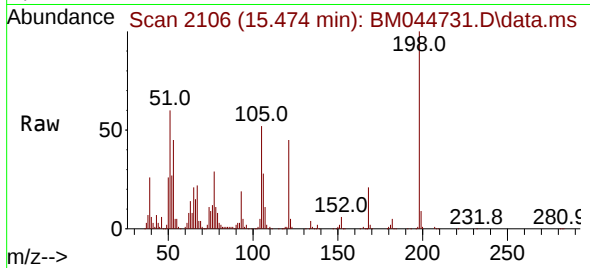




#65
4,6-Dinitro-2-methylphenol
Concen: 37.036 ng
RT: 15.474 min Scan# 2106
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

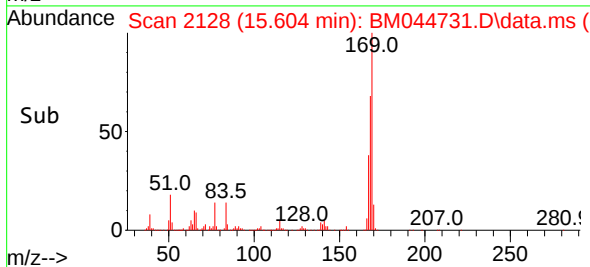
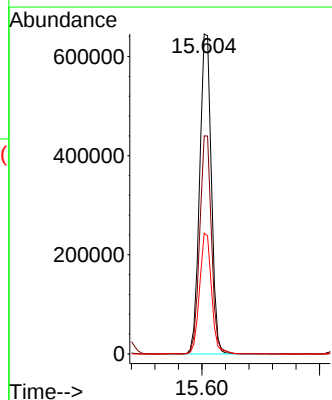
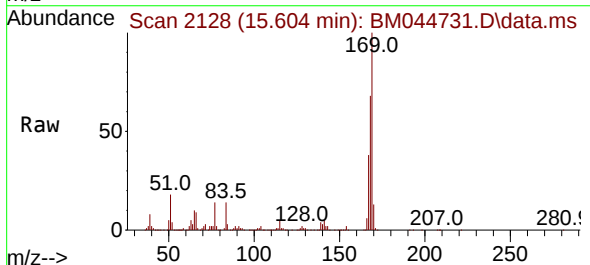
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

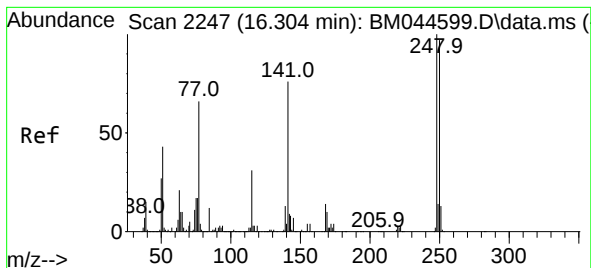
Tgt Ion:198 Resp: 164829
Ion Ratio Lower Upper
198 100
51 59.7 35.0 75.0
105 52.3 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 40.327 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.017 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:169 Resp: 891910
Ion Ratio Lower Upper
169 100
168 68.1 53.1 79.7
167 37.7 29.5 44.3

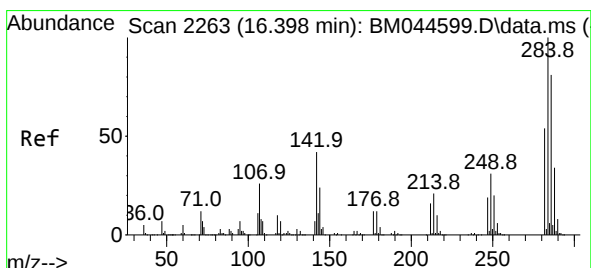
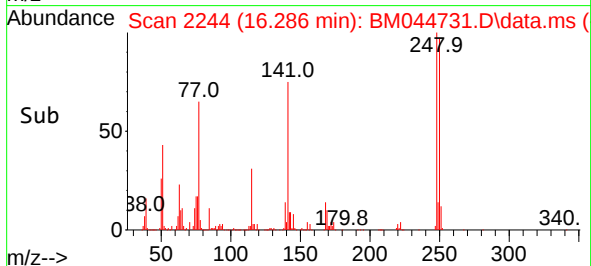
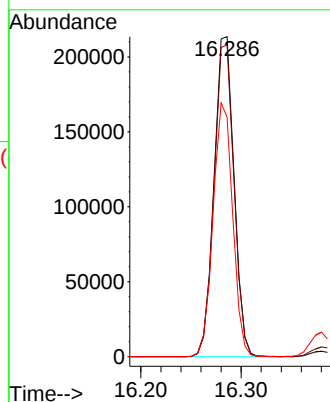
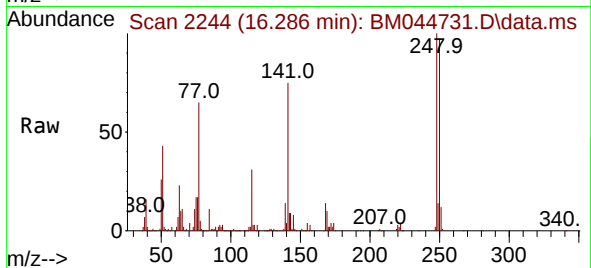




#67
4-Bromophenyl-phenylether
Concen: 40.208 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

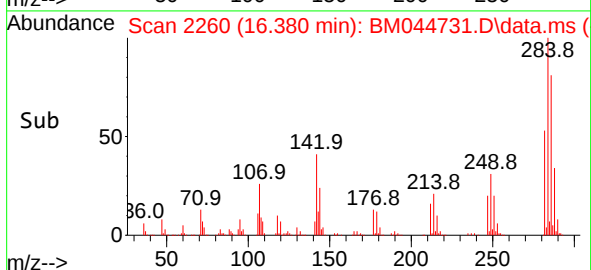
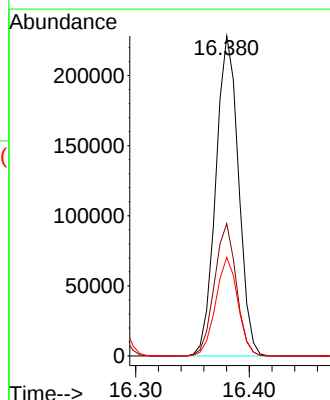
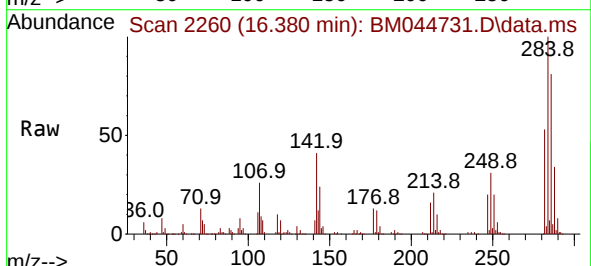
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

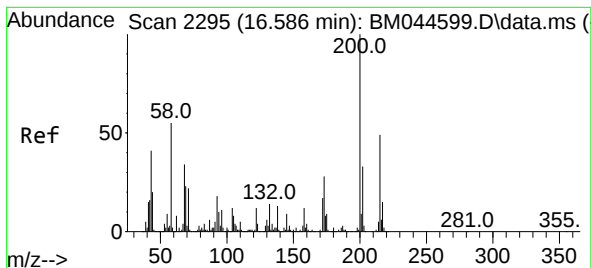
Tgt Ion:248 Resp: 295141
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 74.9 60.6 90.8



#68
Hexachlorobenzene
Concen: 40.665 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:284 Resp: 317304
Ion Ratio Lower Upper
284 100
142 41.3 33.7 50.5
249 30.8 24.8 37.2





#69

Atrazine

Concen: 39.343 ng

RT: 16.568 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

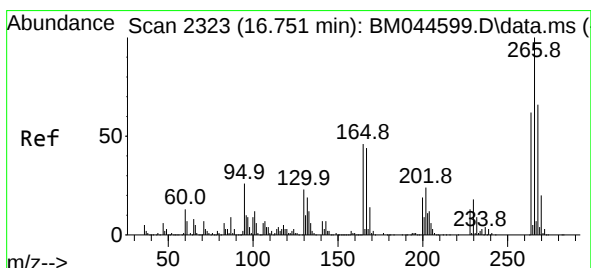
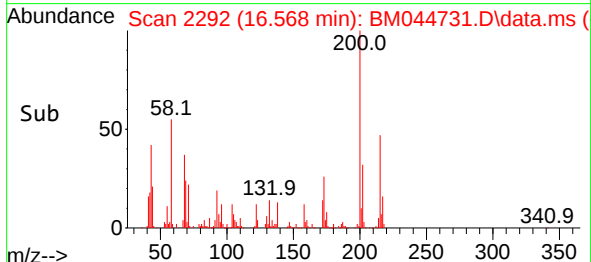
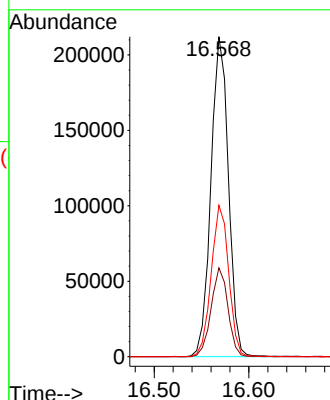
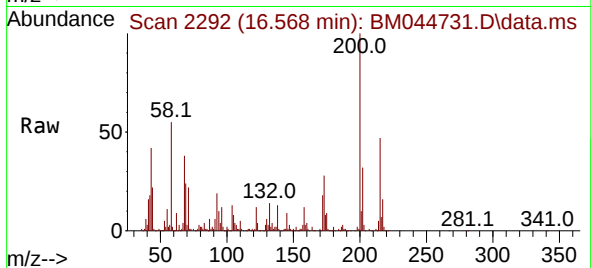
Tgt Ion:200 Resp: 271912

Ion Ratio Lower Upper

200 100

173 27.7 7.7 47.7

215 47.3 28.7 68.7



#70

Pentachlorophenol

Concen: 40.382 ng

RT: 16.733 min Scan# 2320

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

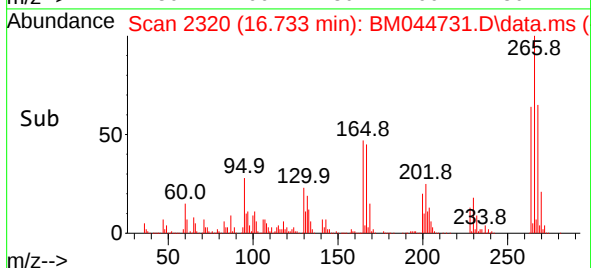
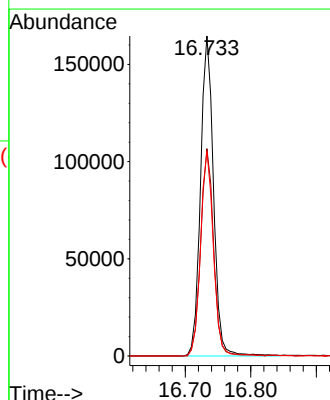
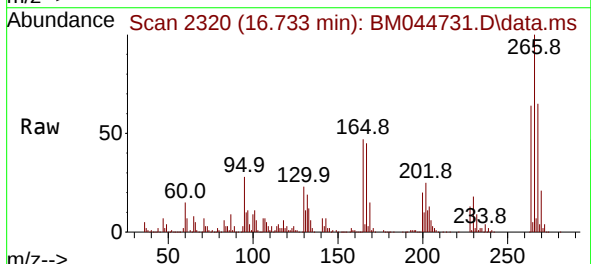
Tgt Ion:266 Resp: 226652

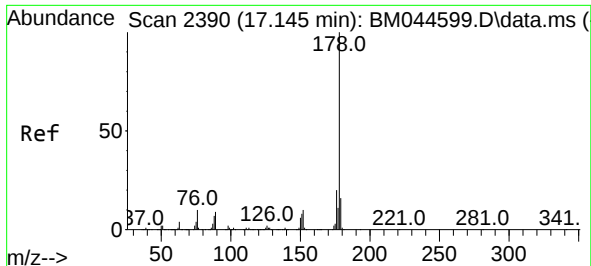
Ion Ratio Lower Upper

266 100

268 64.8 52.4 78.6

264 63.9 49.8 74.8

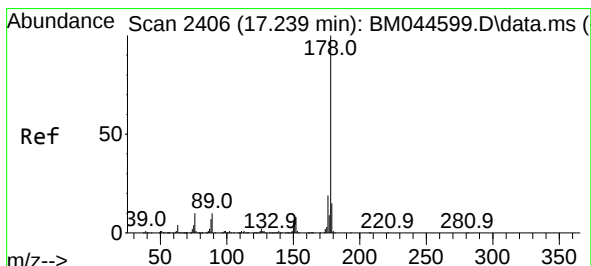
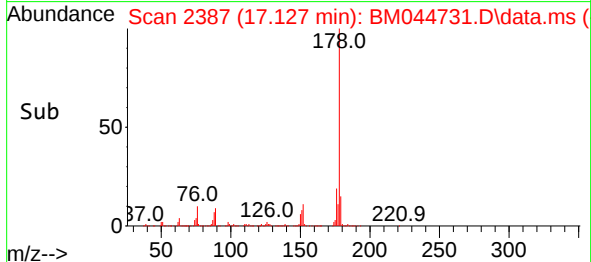
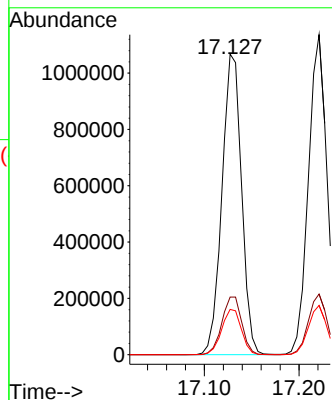
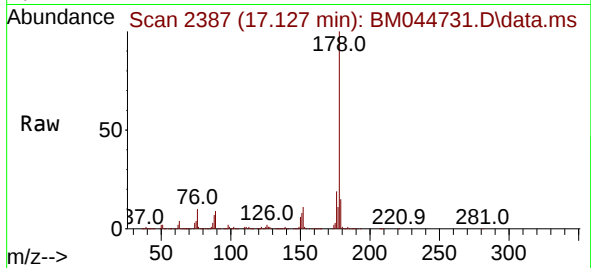




#71
Phenanthrene
Concen: 39.185 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

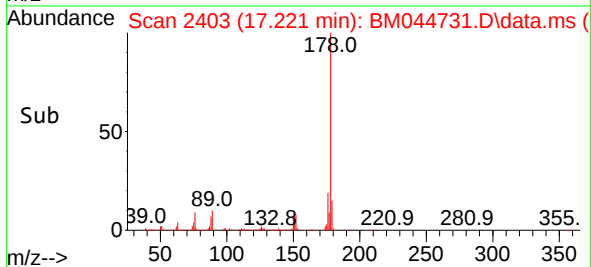
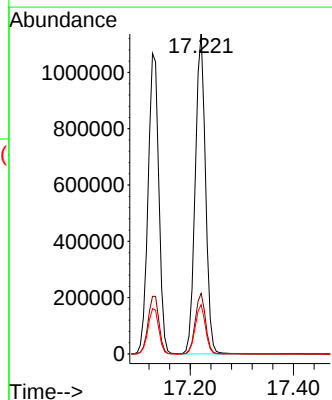
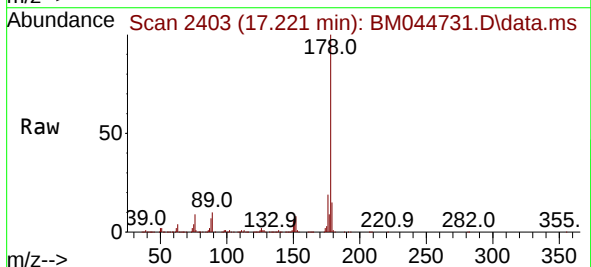
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

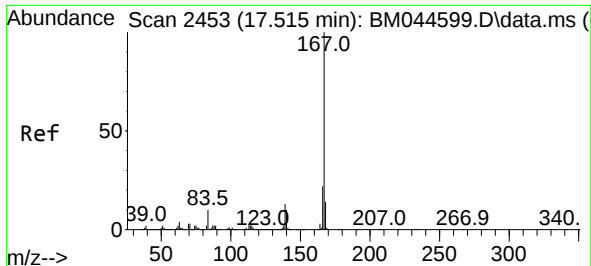
Tgt Ion:178 Resp: 1536738
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.1 12.4 18.6



#72
Anthracene
Concen: 39.839 ng
RT: 17.221 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:178 Resp: 1566999
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.2 18.4

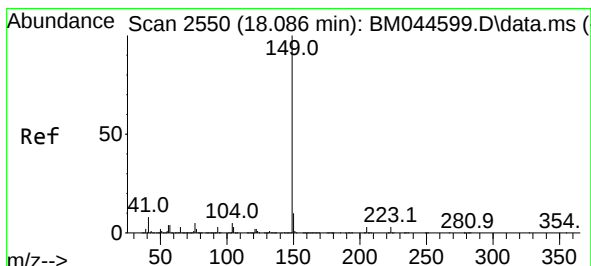
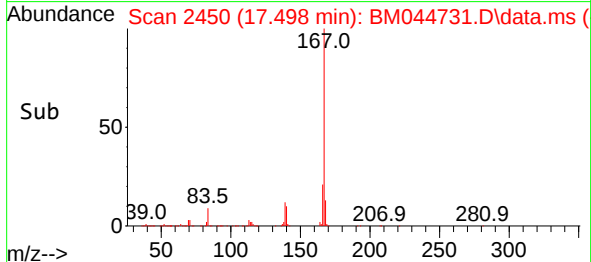
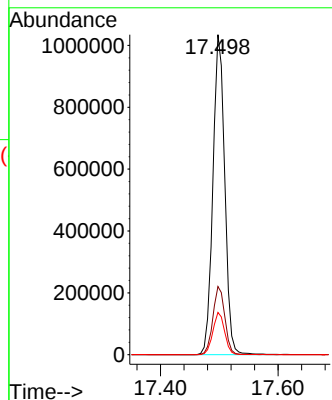
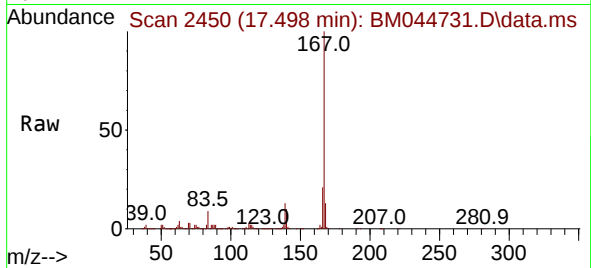




#73
 Carbazole
 Concen: 39.082 ng
 RT: 17.498 min Scan# 2453
 Delta R.T. -0.018 min
 Lab File: BM044731.D
 Acq: 22 Mar 2024 12:48

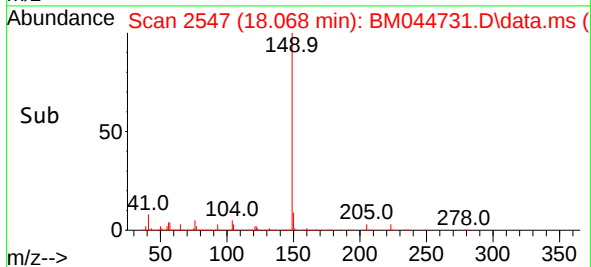
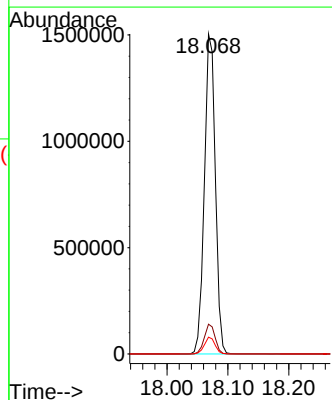
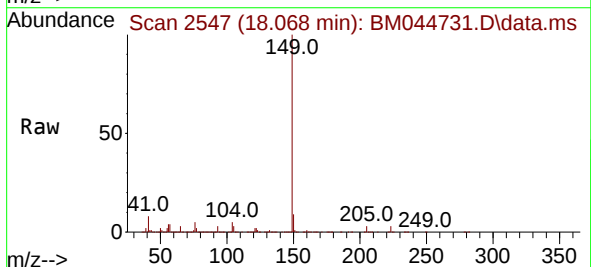
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

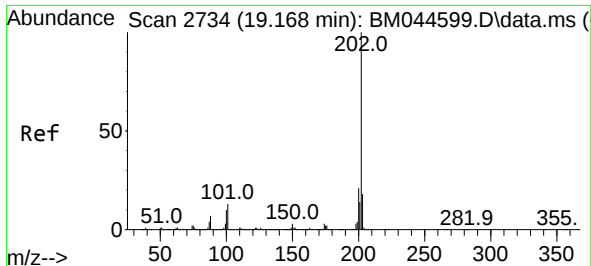
Tgt Ion:167 Resp: 1447784
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 13.2 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 39.359 ng
 RT: 18.068 min Scan# 2547
 Delta R.T. -0.018 min
 Lab File: BM044731.D
 Acq: 22 Mar 2024 12:48

Tgt Ion:149 Resp: 1878778
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.3 4.0 6.0

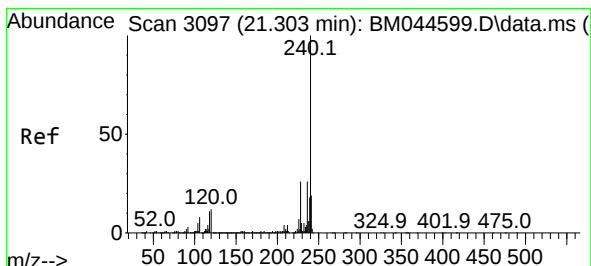
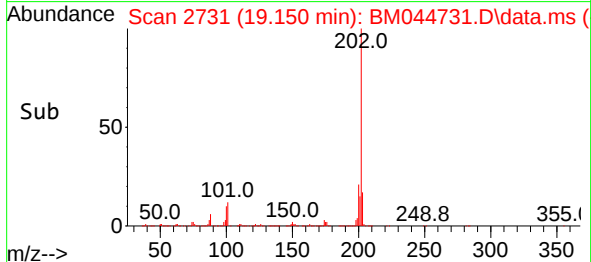
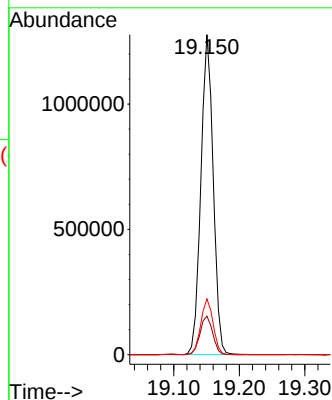
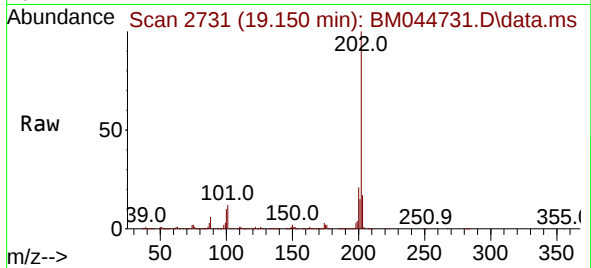




#75
Fluoranthene
Concen: 38.125 ng
RT: 19.150 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

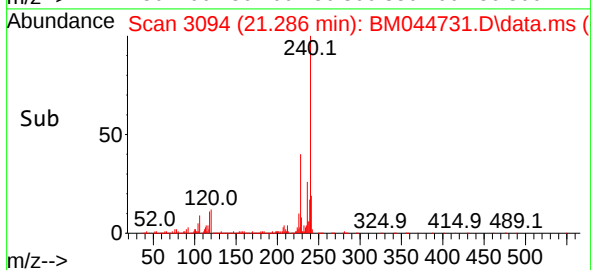
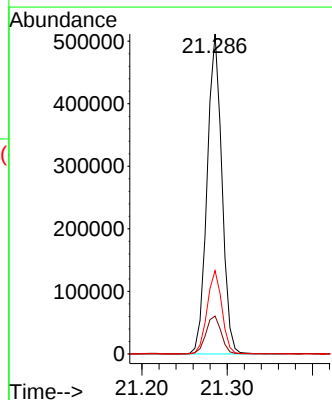
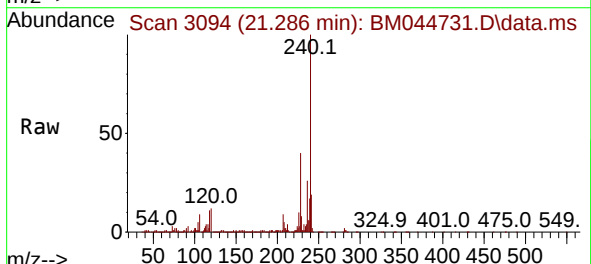
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

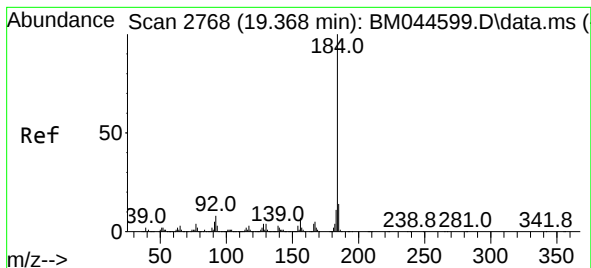
Tgt Ion:202 Resp: 1671355
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.3
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:240 Resp: 616271
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 26.1 21.0 31.4





#77

Benzidine

Concen: 35.137 ng

RT: 19.356 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

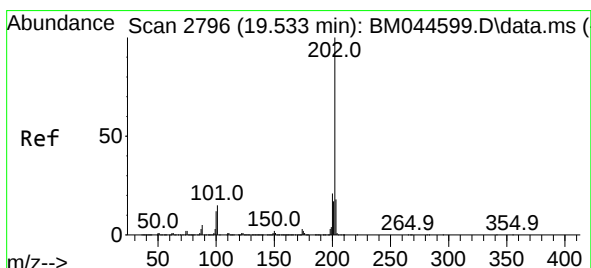
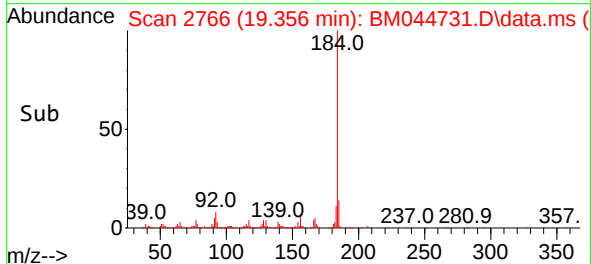
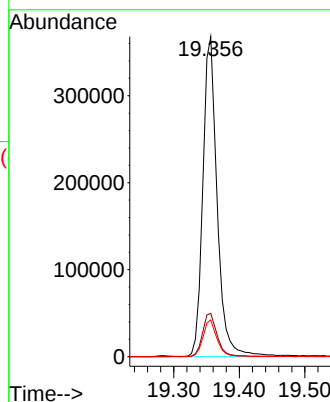
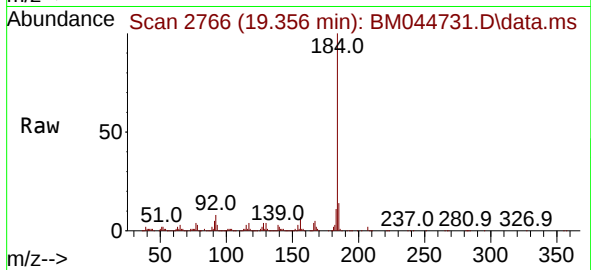
Tgt Ion:184 Resp: 559652

Ion Ratio Lower Upper

184 100

185 13.6 11.0 16.6

183 11.5 8.7 13.1



#78

Pyrene

Concen: 39.082 ng

RT: 19.515 min Scan# 2793

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

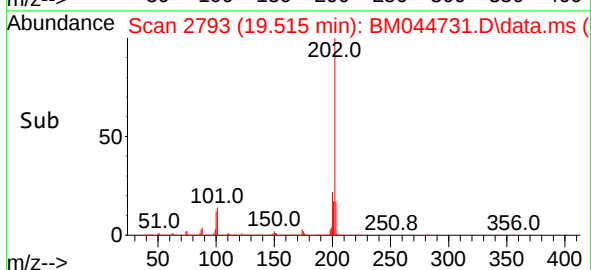
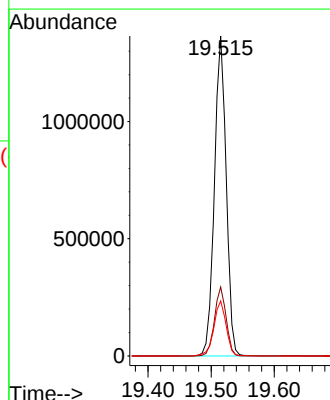
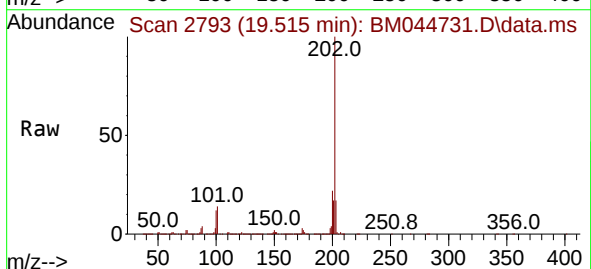
Tgt Ion:202 Resp: 1765236

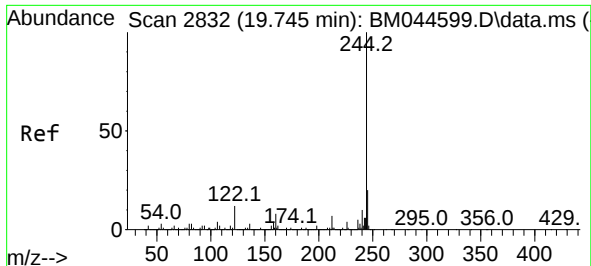
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.2 14.1 21.1

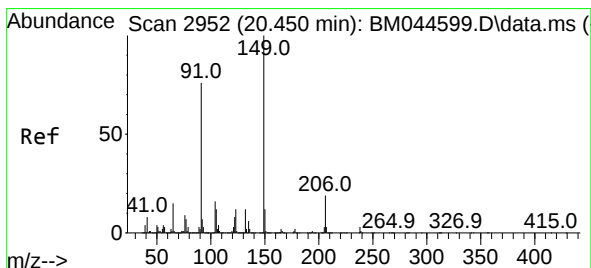
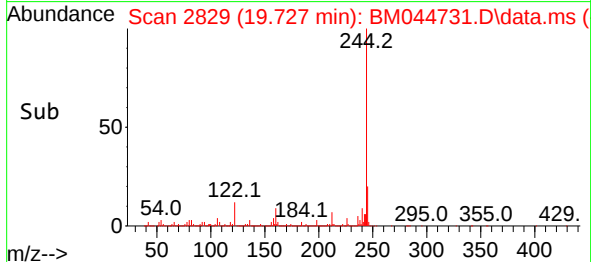
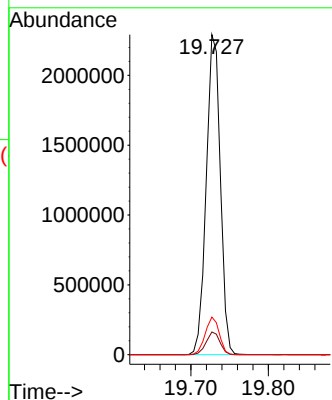
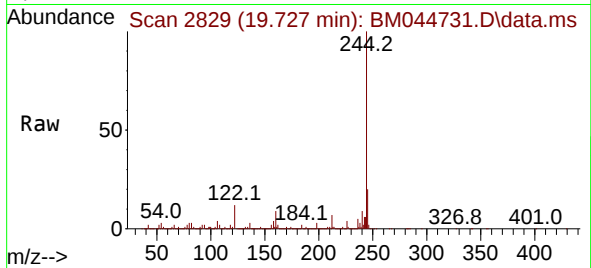




#79
 Terphenyl-d14
 Concen: 81.974 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM044731.D
 Acq: 22 Mar 2024 12:48

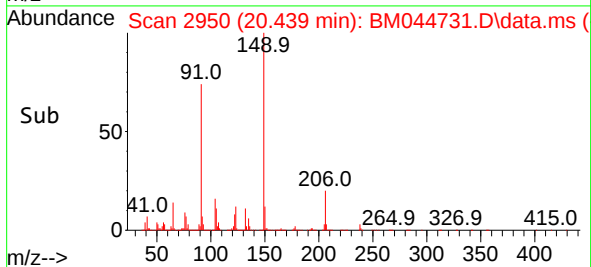
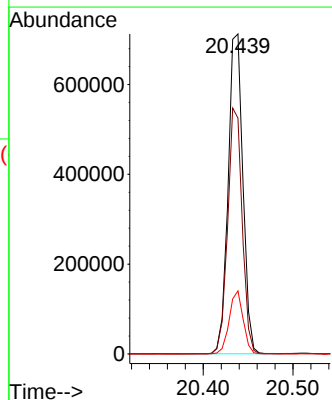
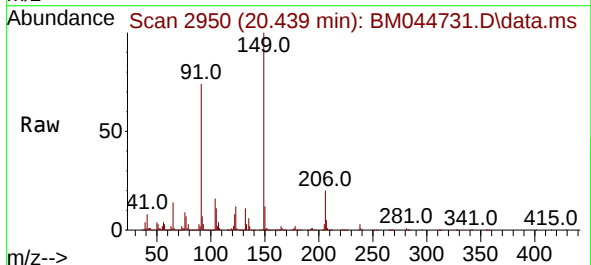
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

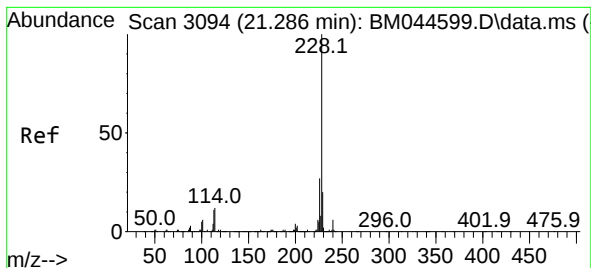
Tgt Ion:244 Resp: 2887828
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.8 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 39.985 ng
 RT: 20.439 min Scan# 2950
 Delta R.T. -0.012 min
 Lab File: BM044731.D
 Acq: 22 Mar 2024 12:48

Tgt Ion:149 Resp: 813951
 Ion Ratio Lower Upper
 149 100
 91 73.7 61.0 91.6
 206 19.7 15.0 22.6





#81

Benzo(a)anthracene

Concen: 39.004 ng

RT: 21.268 min Scan# 3091

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

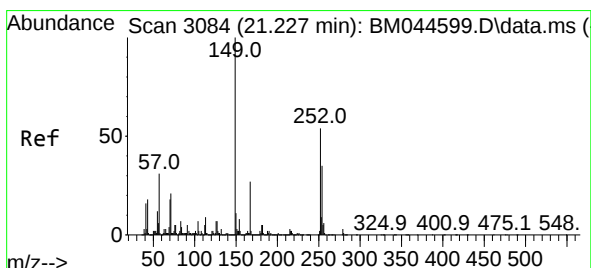
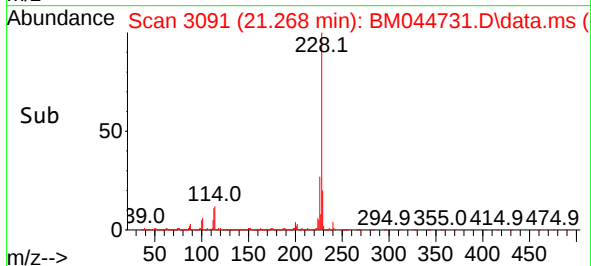
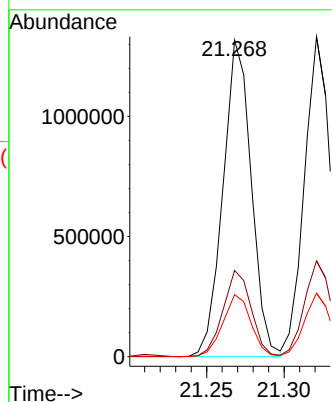
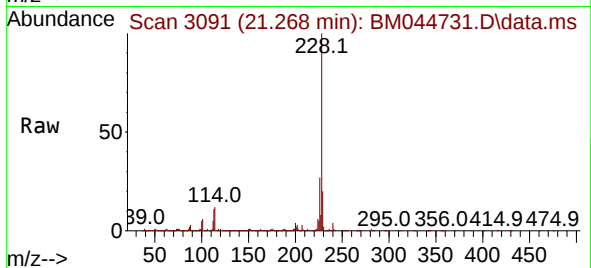
Tgt Ion:228 Resp: 1672502

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 19.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 40.708 ng

RT: 21.209 min Scan# 3081

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

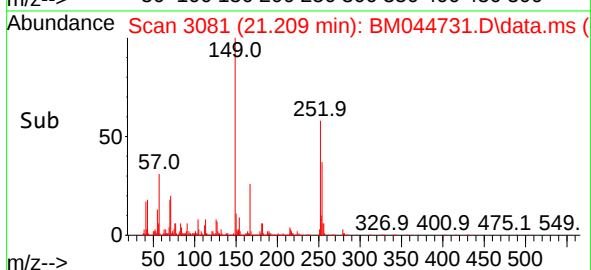
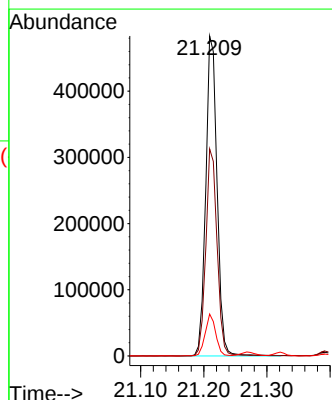
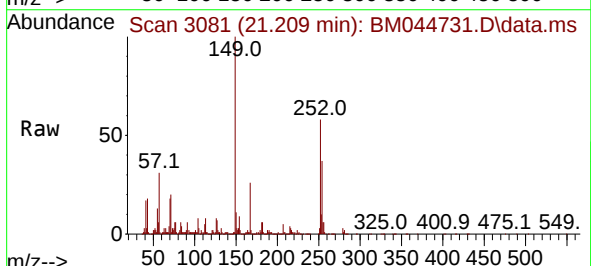
Tgt Ion:252 Resp: 601188

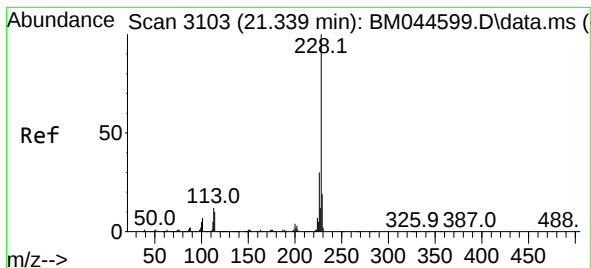
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

126 13.1 9.8 14.6





#83

Chrysene

Concen: 38.312 ng

RT: 21.321 min Scan# 3103

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

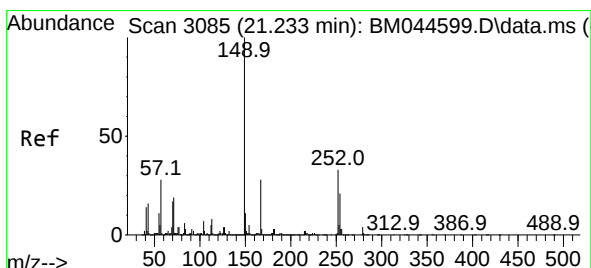
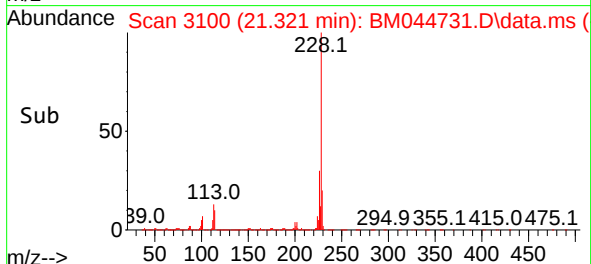
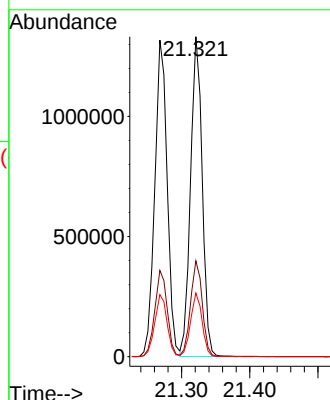
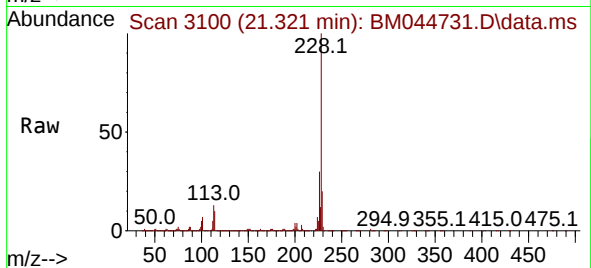
Tgt Ion:228 Resp: 1569819

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.830 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

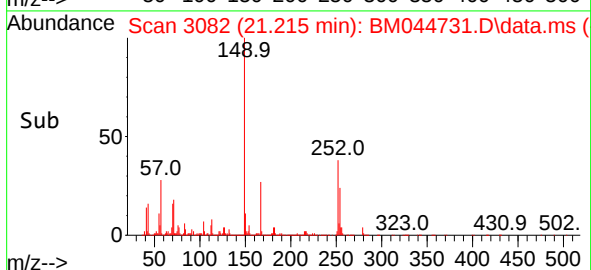
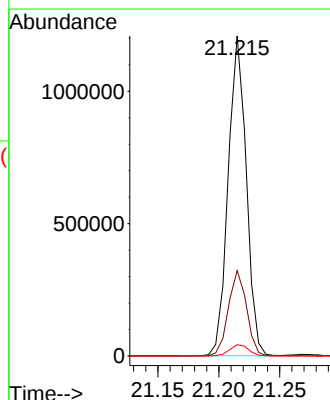
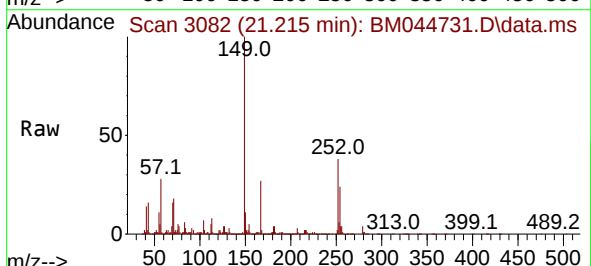
Tgt Ion:149 Resp: 1252151

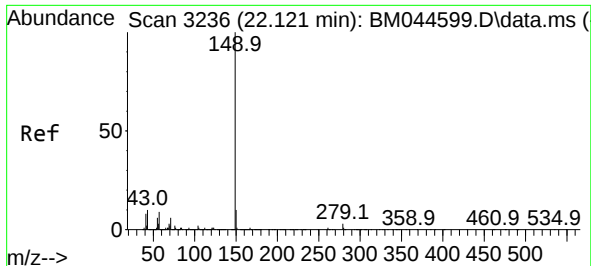
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

279 3.5 3.0 4.4

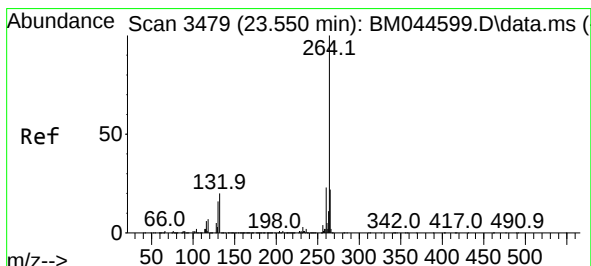
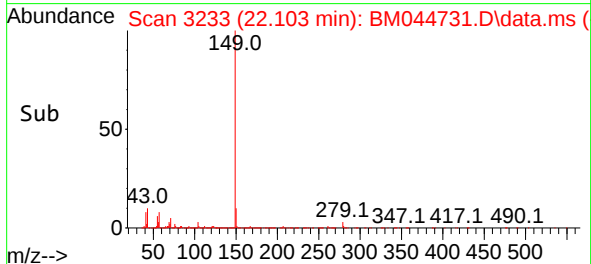
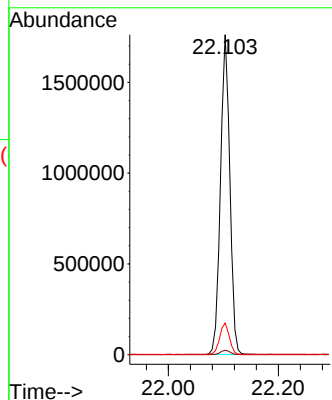
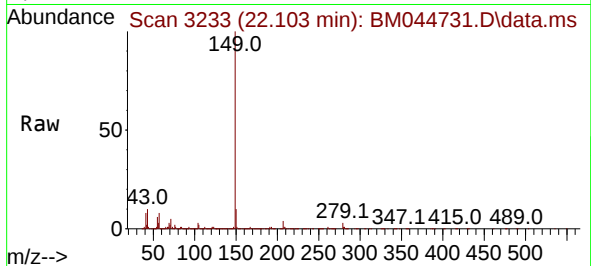




#85
Di-n-octyl phthalate
Concen: 39.135 ng
RT: 22.103 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

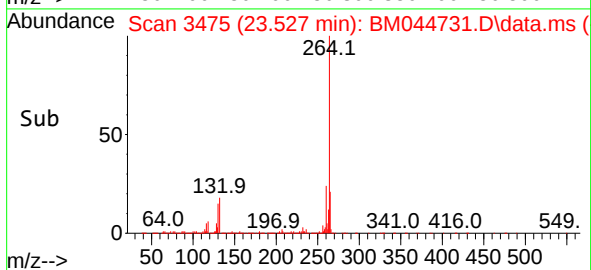
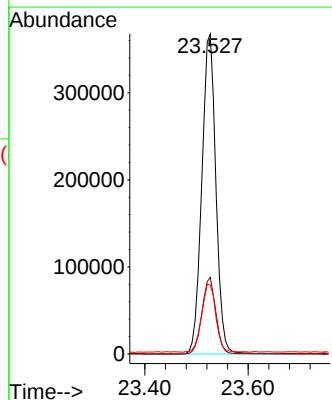
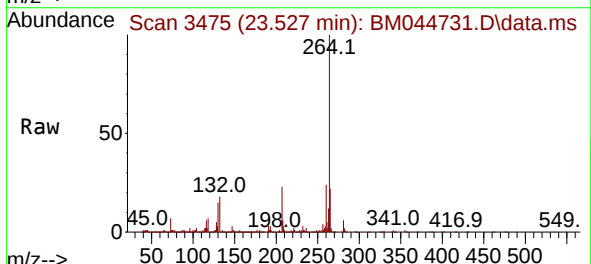
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

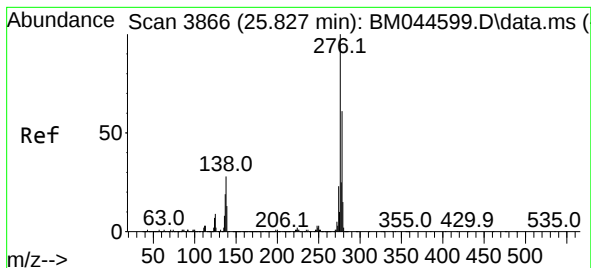
Tgt Ion:149 Resp: 2081774
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.1 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.527 min Scan# 3475
Delta R.T. -0.023 min
Lab File: BM044731.D
Acq: 22 Mar 2024 12:48

Tgt Ion:264 Resp: 694244
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.617 ng

RT: 25.785 min Scan# 31

Delta R.T. -0.041 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

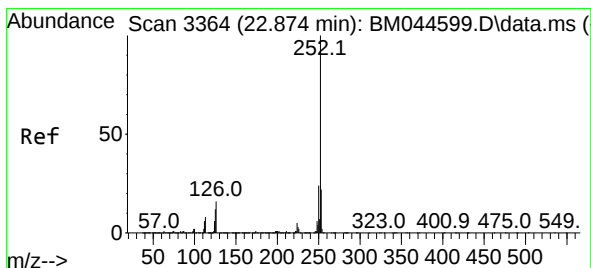
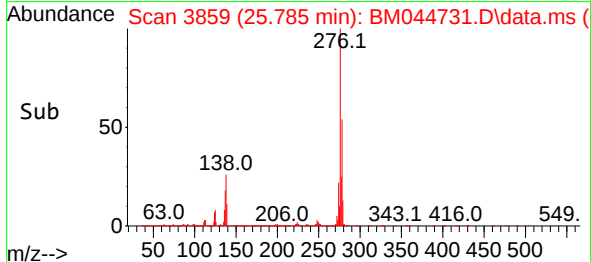
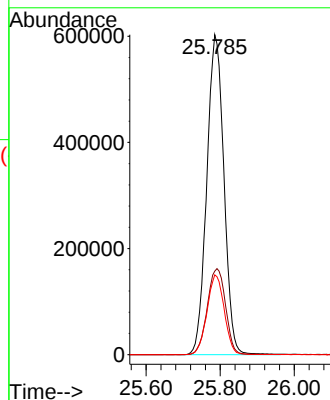
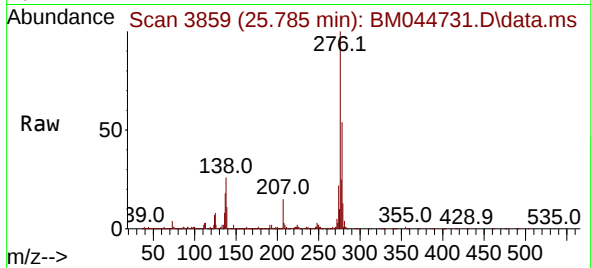
Tgt Ion:276 Resp: 1938089

Ion Ratio Lower Upper

276 100

138 28.8 23.6 35.4

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.875 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.018 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

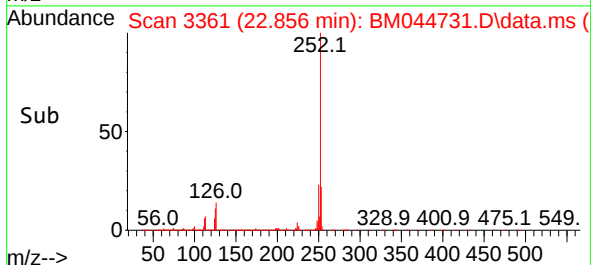
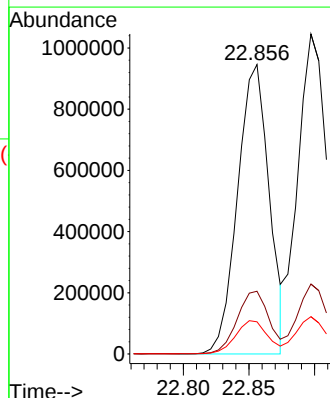
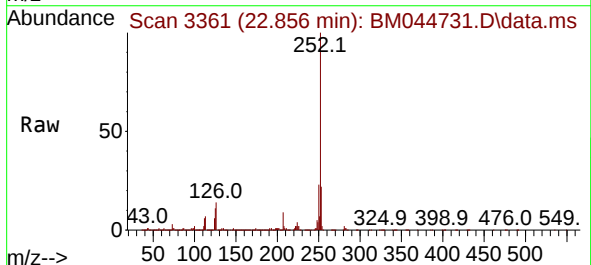
Tgt Ion:252 Resp: 1586072

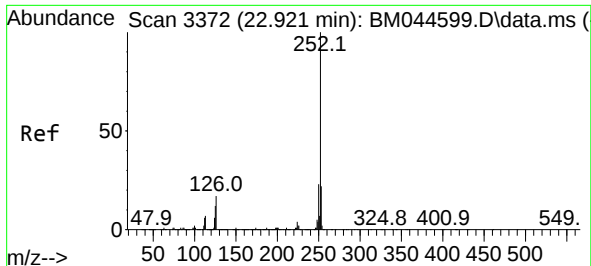
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 11.1 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 39.263 ng

RT: 22.897 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

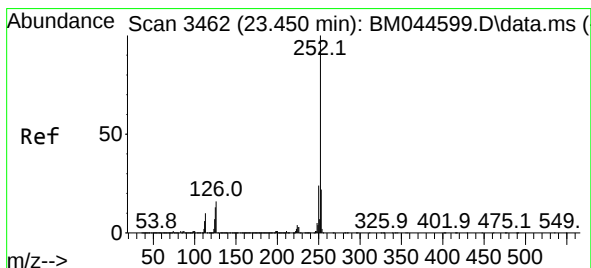
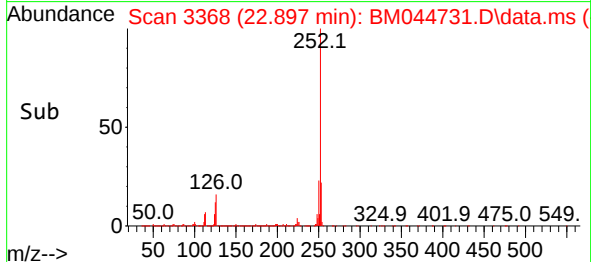
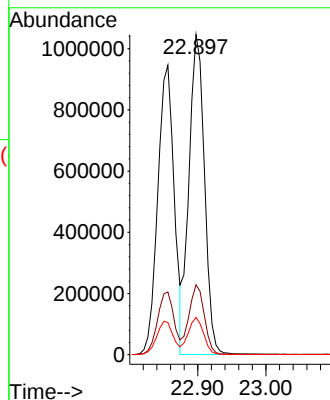
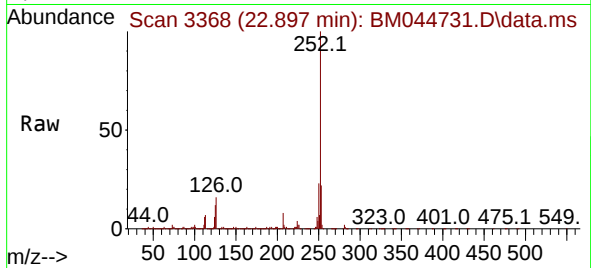
Tgt Ion:252 Resp: 1646791

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.6 9.4 14.0



#90

Benzo(a)pyrene

Concen: 39.696 ng

RT: 23.427 min Scan# 3458

Delta R.T. -0.024 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

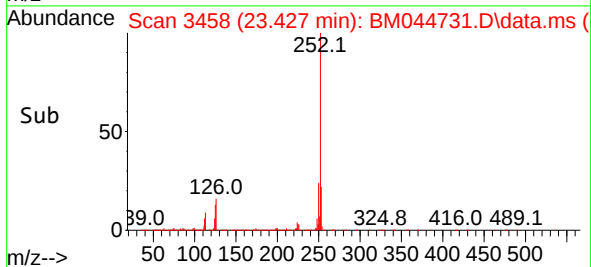
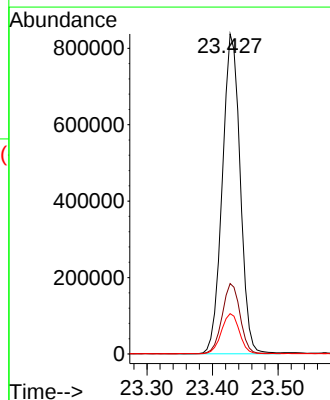
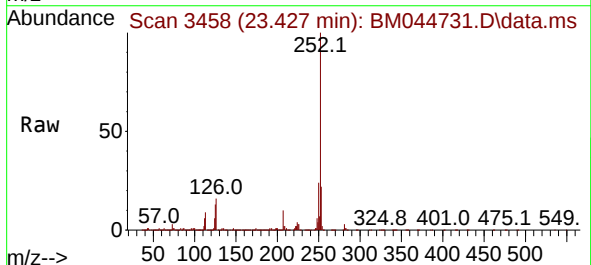
Tgt Ion:252 Resp: 1579663

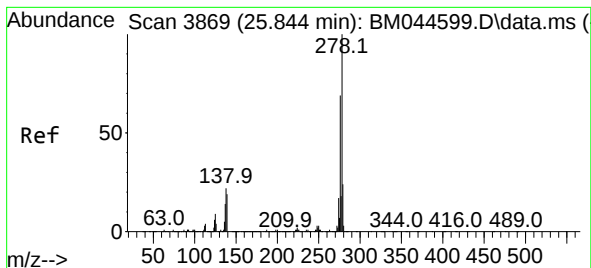
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 12.6 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 38.667 ng

RT: 25.803 min Scan# 31

Delta R.T. -0.041 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

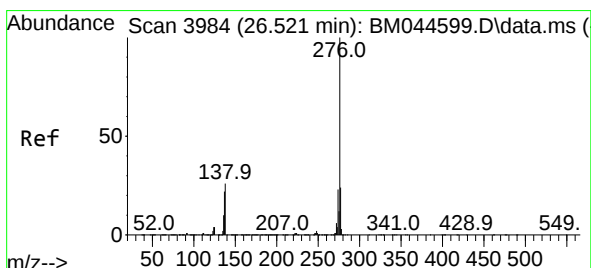
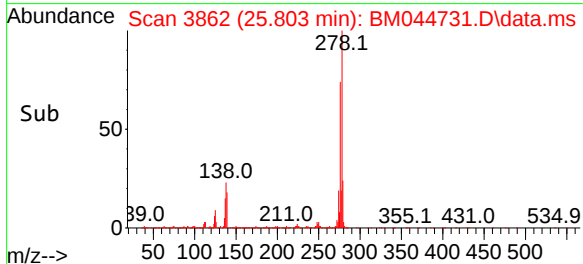
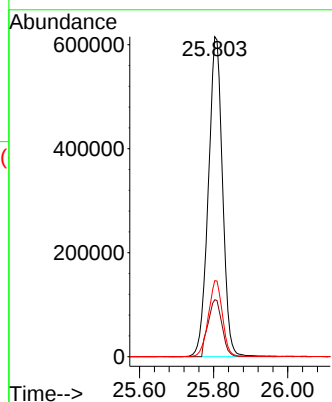
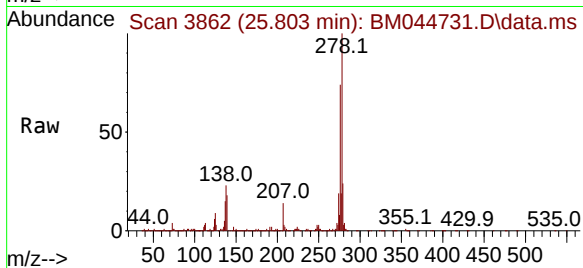
Tgt Ion:278 Resp: 1636005

Ion Ratio Lower Upper

278 100

139 17.8 15.0 22.6

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 38.438 ng

RT: 26.479 min Scan# 3977

Delta R.T. -0.041 min

Lab File: BM044731.D

Acq: 22 Mar 2024 12:48

Tgt Ion:276 Resp: 1600947

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 24.9 20.7 31.1

