

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044997.D
 Acq On : 07 Apr 2024 08:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 08 05:09:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:01:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	80709	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	353972	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	226164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	473064	20.000	ng/ul	0.00
79) Chrysene-d12	21.244	240	468084	20.000	ng/ul	0.00
88) Perylene-d12	23.468	264	561981	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	17911	8.287	ng/uL	0.00
4) Pyridine-d5	3.604	84	123317	20.981	ng/ul	0.00
7) Phenol-d5	6.816	99	147063	21.494	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	87021	21.347	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	122124	22.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.339	113	117920	22.018	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	58205	21.407	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	63466	22.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	118078	22.441	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	170338	20.333	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	320107	20.328	ng/ul	0.00
49) Acenaphthylene-d8	13.968	160	398395	21.415	ng/ul	0.00
54) 4-Nitrophenol-d4	14.515	143	59903	18.227	ng/ul	0.00
60) Fluorene-d10	15.280	176	292768	20.854	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	50096	17.860	ng/ul	0.00
73) Anthracene-d10	17.139	188	453089	21.291	ng/ul	0.00
81) Pyrene-d10	19.445	212	521043	22.607	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.327	264	584918	21.336	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	18905	8.375	ng/uL#	89
5) Pyridine	3.622	79	127410	20.459	ng/ul	97
6) Benzaldehyde	6.798	77	88509	27.905	ng/ul	98
8) Phenol	6.839	94	156386	22.072	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.075	93	119224	21.561	ng/ul	96
12) 2-Chlorophenol	7.198	128	125205	22.260	ng/ul	95
13) 2-Methylphenol	8.075	108	114347	21.864	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.151	45	144636	21.930	ng/ul	99
16) Acetophenone	8.457	105	184052	21.138	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.439	70	91105	22.160	ng/ul	96
18) 4-Methylphenol	8.404	108	122485	21.729	ng/ul	95
19) Hexachloroethane	8.681	117	54310	21.953	ng/ul	97
22) Nitrobenzene	8.833	77	143697	21.541	ng/ul	96
23) Isophorone	9.357	82	258914	21.125	ng/ul	99
25) 2-Nitrophenol	9.533	139	70126	22.016	ng/ul#	87
26) 2,4-Dimethylphenol	9.598	107	131916	21.481	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.839	93	157116	21.624	ng/ul	97
29) 2,4-Dichlorophenol	10.063	162	116745	21.961	ng/ul	97
30) Naphthalene	10.457	128	392872	20.966	ng/ul	100
32) 4-Chloroaniline	10.586	127	164591	20.192	ng/ul	100
33) Hexachlorobutadiene	10.722	225	69899	21.148	ng/ul	99
34) Caprolactam	11.380	113	33003	18.389	ng/ul	95
35) 4-Chloro-3-methylphenol	11.716	107	119496	22.612	ng/ul	98
36) 2-Methylnaphthalene	12.074	142	260486	21.291	ng/ul	99

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 Quant Title : SVOA CALIBRATION
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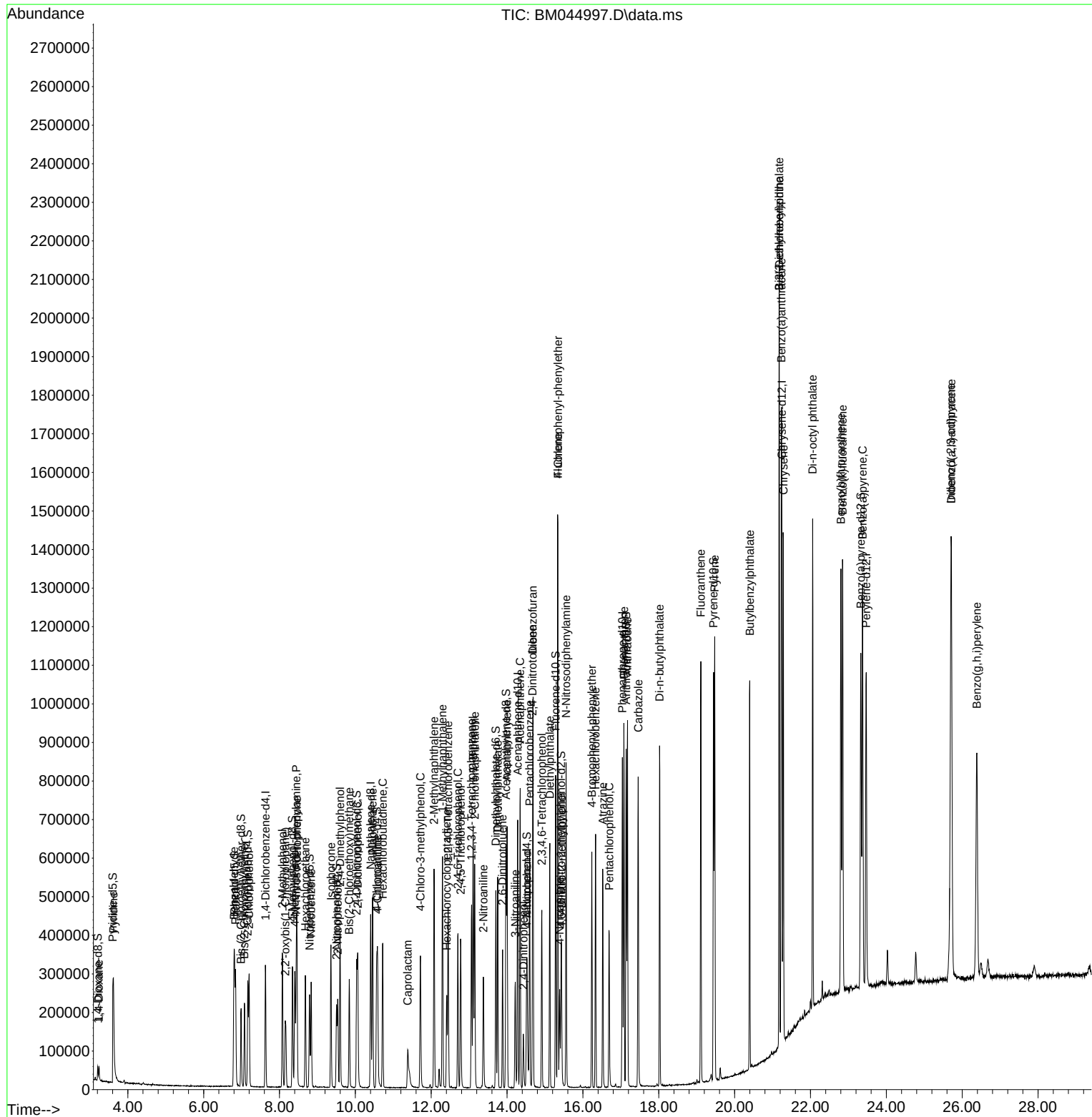
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	264049	21.327	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	132165	21.368	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	61205	16.347	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	92338	22.886	ng/ul	94
42) 2,4,5-Trichlorophenol	12.774	196	96770	21.767	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	335032	20.978	ng/ul	97
44) 2-Chloronaphthalene	13.145	162	275225	21.212	ng/ul	99
45) 2-Nitroaniline	13.374	65	80156	22.380	ng/ul	94
47) Dimethylphthalate	13.751	163	334230	20.306	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	68380	21.196	ng/ul	90
50) Acenaphthylene	13.998	152	458874	21.120	ng/ul	99
51) 3-Nitroaniline	14.215	138	74779	21.250	ng/ul	91
52) Acenaphthene	14.345	153	305695	21.085	ng/ul	98
53) 2,4-Dinitrophenol	14.427	184	29197	15.222	ng/ul	94
55) 4-Nitrophenol	14.527	109	52638	18.212	ng/ul	93
56) Dibenzofuran	14.680	168	417203	21.029	ng/ul	98
57) 2,4-Dinitrotoluene	14.674	165	102179	21.159	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.915	232	82913	21.792	ng/ul	94
59) Diethylphthalate	15.127	149	344080	20.491	ng/ul	99
61) Fluorene	15.339	166	345398	20.656	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.339	204	163586	20.872	ng/ul	98
63) 4-Nitroaniline	15.386	138	69008	21.569	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.439	198	53784	17.905	ng/ul	95
67) N-Nitrosodiphenylamine	15.557	169	279108	21.871	ng/ul	98
68) 4-Bromophenyl-phenylether	16.233	248	101609	22.054	ng/ul	97
69) Hexachlorobenzene	16.333	284	126901	21.174	ng/ul	96
70) Atrazine	16.521	200	95204	20.281	ng/ul	99
71) Pentachlorophenol	16.692	266	70400	19.338	ng/ul	94
72) Phenanthrene	17.080	178	531108	20.863	ng/ul	98
74) Anthracene	17.174	178	547607	21.029	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	132014	22.141	ng/uL	99
76) Pentachlorobenzene	14.592	250	139713	22.023	ng/uL	97
77) Carbazole	17.456	167	496330	19.766	ng/ul	100
78) Di-n-butylphthalate	18.021	149	626389	22.120	ng/ul	100
80) Fluoranthene	19.109	202	618509	22.752	ng/ul	99
82) Pyrene	19.474	202	656278	22.371	ng/ul	99
83) Butylbenzylphthalate	20.397	149	291262	23.698	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.174	252	211381	20.310	ng/ul	96
85) Benzo(a)anthracene	21.233	228	683437	21.518	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.174	149	465980	24.254	ng/ul	99
87) Chrysene	21.286	228	624825	21.103	ng/ul	100
89) Di-n-octyl phthalate	22.056	149	791105	22.374	ng/ul	100
90) Benzo(b)fluoranthene	22.803	252	740936	22.621	ng/ul	98
91) Benzo(k)fluoranthene	22.844	252	692181	20.996	ng/ul	99
93) Benzo(a)pyrene	23.374	252	677573	21.255	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.703	276	868109	21.023	ng/ul	99
95) Dibenzo(a,h)anthracene	25.715	278	723813	20.966	ng/ul	99
96) Benzo(g,h,i)perylene	26.385	276	676988	20.782	ng/ul	99

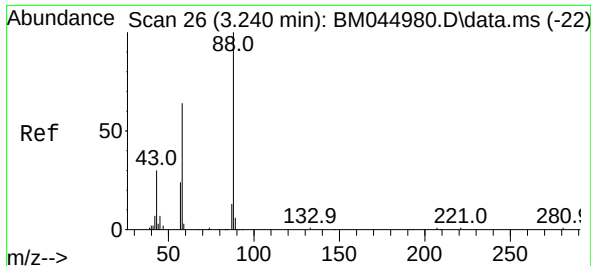
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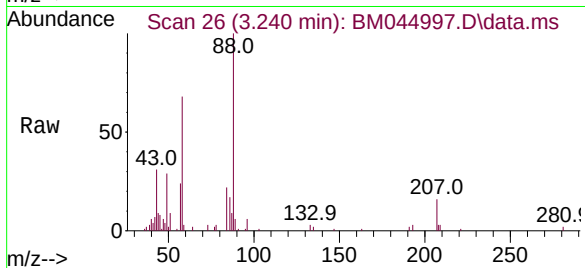
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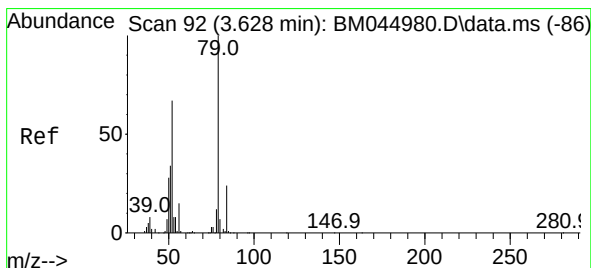
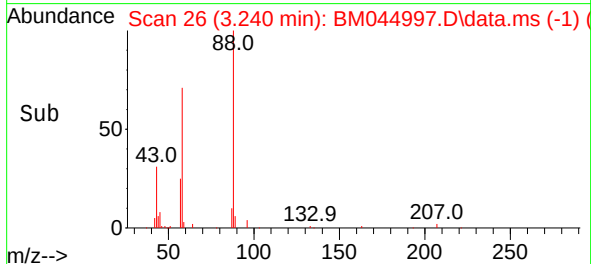
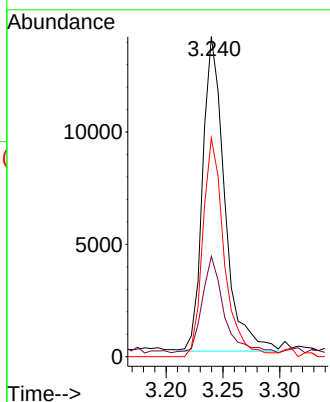


#2
1,4-Dioxane
Concen: 8.375 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Instrument :
BNA_M
ClientSampleId :

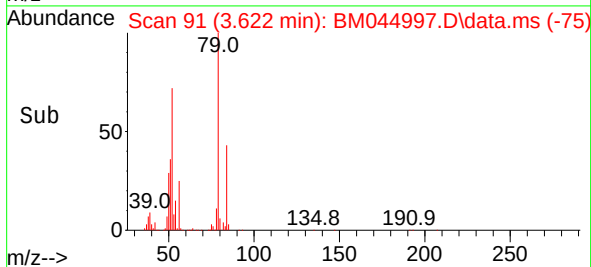
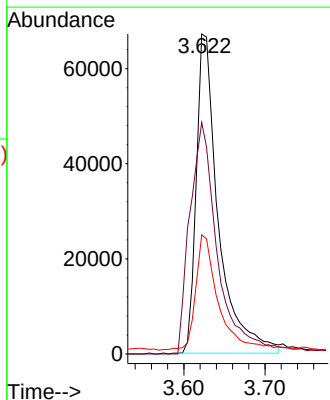
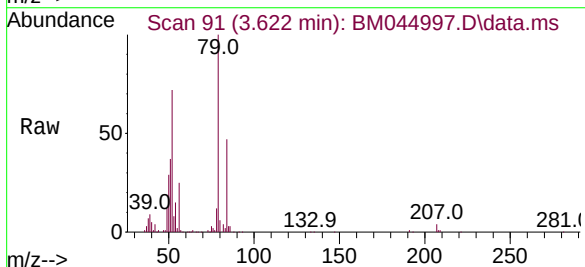


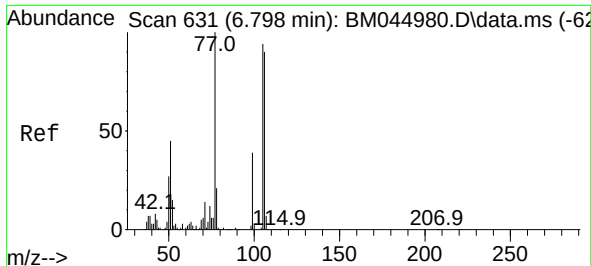
Tgt Ion: 88 Resp: 18905
Ion Ratio Lower Upper
88 100
43 31.4 24.0 36.0
58 68.3 45.4 68.2#



#5
Pyridine
Concen: 20.459 ng/uL
RT: 3.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion: 79 Resp: 127410
Ion Ratio Lower Upper
79 100
52 72.3 56.0 84.0
51 37.3 27.6 41.4

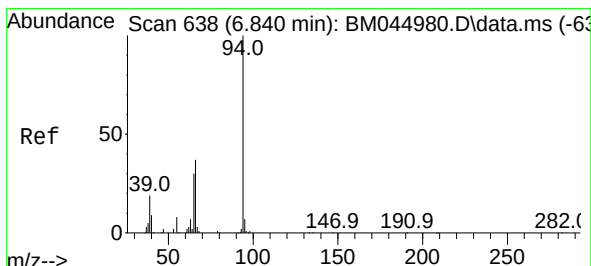
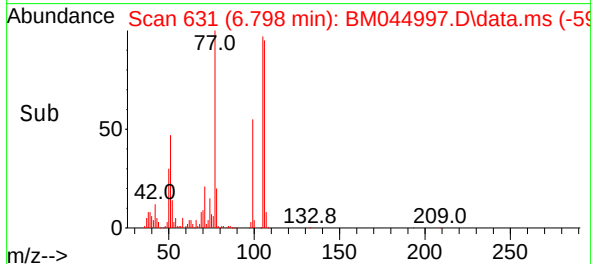
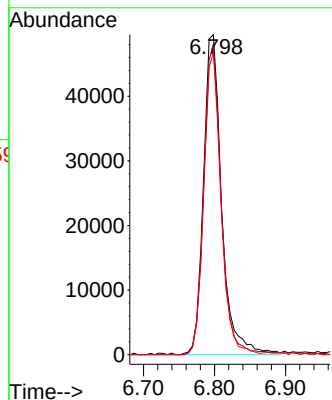
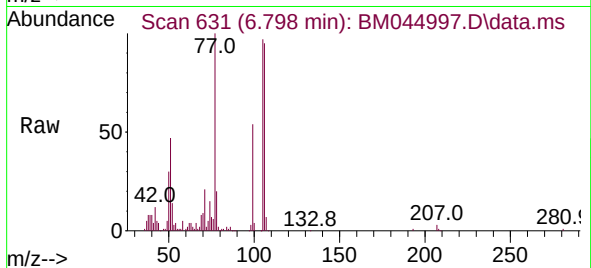




#6
Benzaldehyde
Concen: 27.905 ng/ul
RT: 6.798 min Scan# 631
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

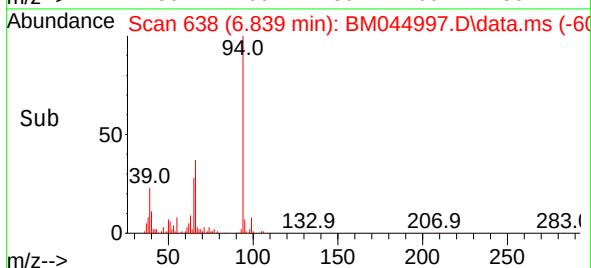
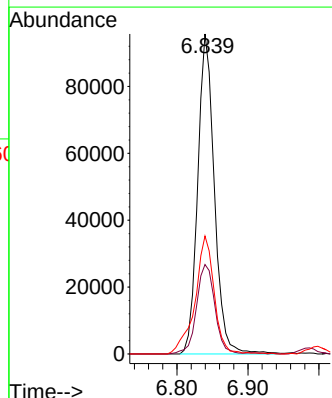
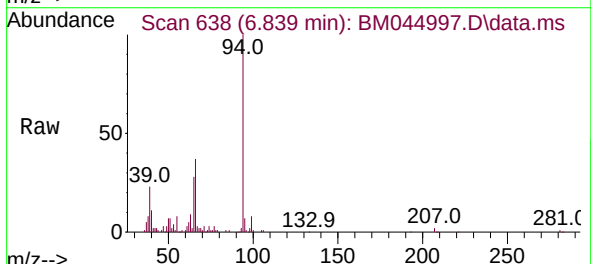
Instrument :
BNA_M
ClientSampleId :

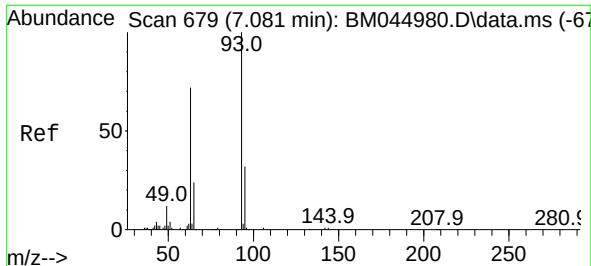
Tgt Ion: 77 Resp: 88509
Ion Ratio Lower Upper
77 100
105 96.9 75.8 113.6
106 94.5 74.6 112.0



#8
Phenol
Concen: 22.072 ng/ul
RT: 6.839 min Scan# 638
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion: 94 Resp: 156386
Ion Ratio Lower Upper
94 100
65 27.9 21.7 32.5
66 36.9 31.9 47.9





#10

Bis(2-Chloroethyl)ether

Concen: 21.561 ng/ul

RT: 7.075 min Scan# 61

Delta R.T. -0.006 min

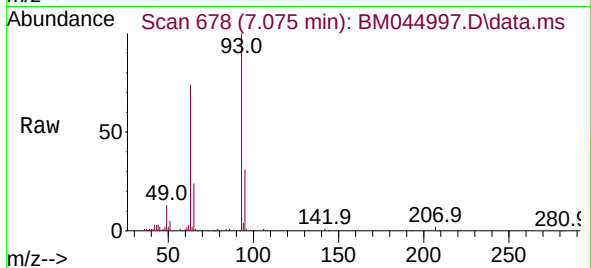
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Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :



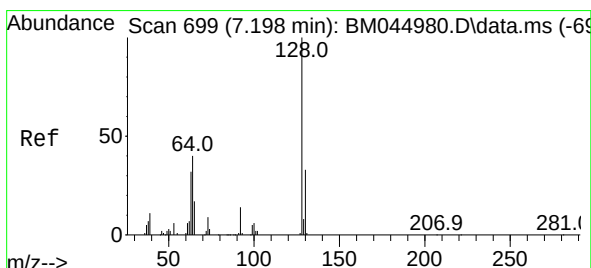
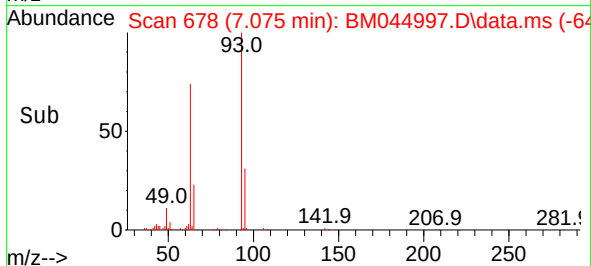
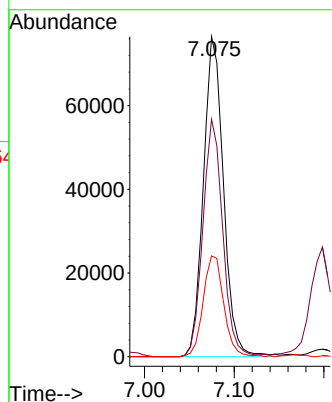
Tgt Ion: 93 Resp: 119224

Ion Ratio Lower Upper

93 100

63 74.2 61.3 91.9

95 31.5 27.6 41.4



#12

2-Chlorophenol

Concen: 22.260 ng/ul

RT: 7.198 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

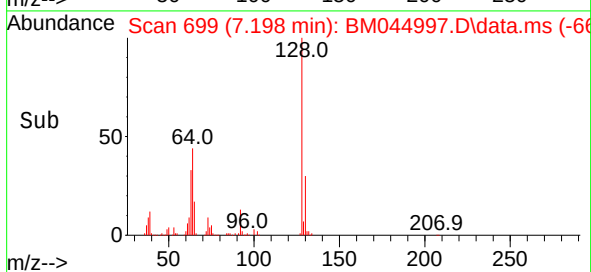
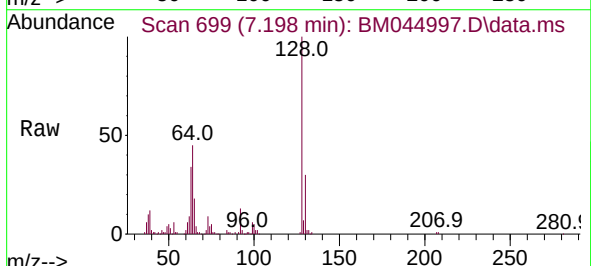
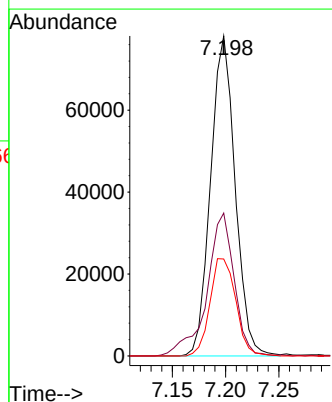
Tgt Ion:128 Resp: 125205

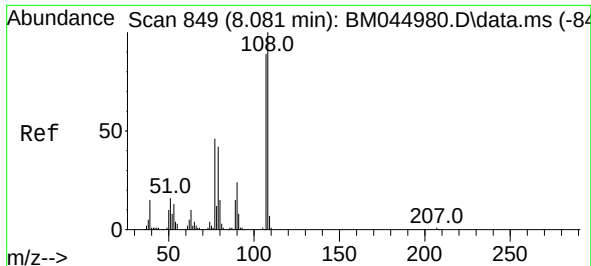
Ion Ratio Lower Upper

128 100

64 44.6 33.3 49.9

130 30.3 26.2 39.4





#13

2-Methylphenol

Concen: 21.864 ng/ul

RT: 8.075 min Scan# 849

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

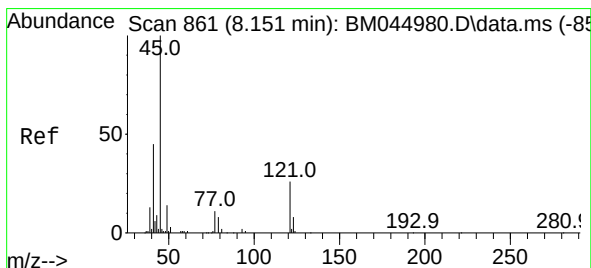
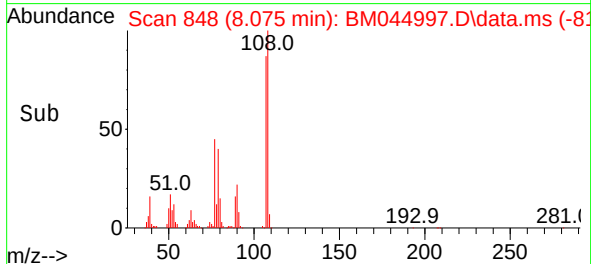
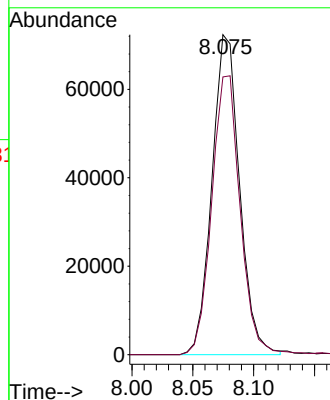
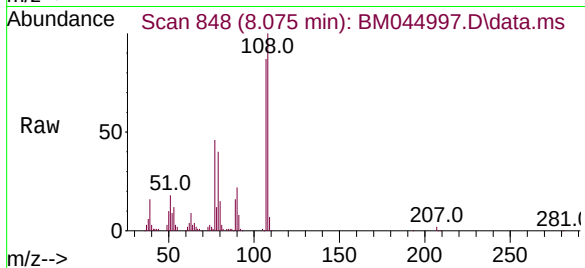
ClientSampleId :

Tgt Ion:108 Resp: 114347

Ion Ratio Lower Upper

108 100

107 86.8 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.930 ng/ul

RT: 8.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

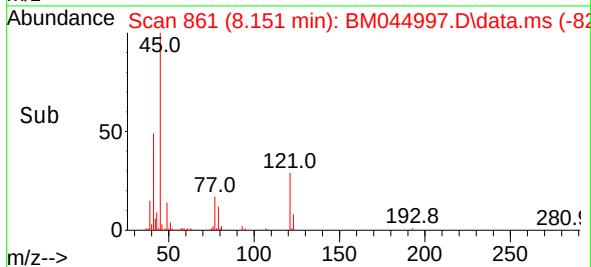
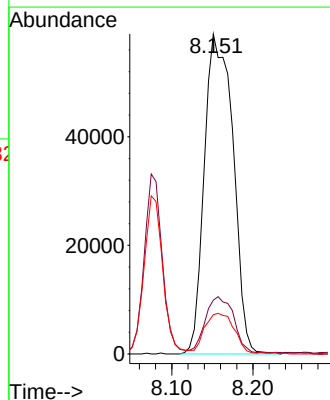
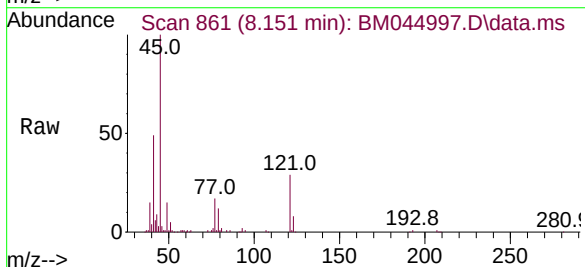
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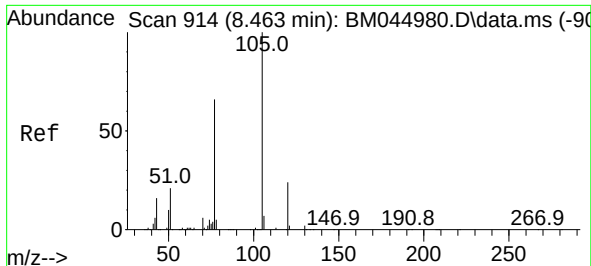
Ion Ratio Lower Upper

45 100

77 16.8 13.4 20.0

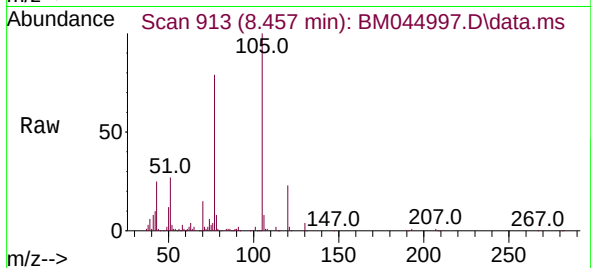
79 12.3 10.1 15.1



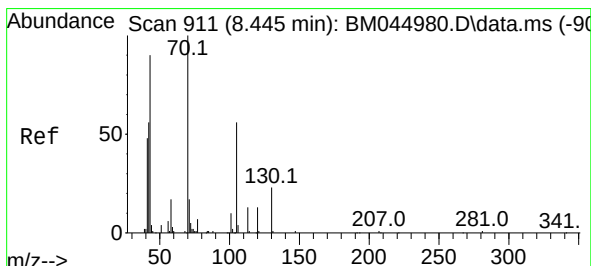
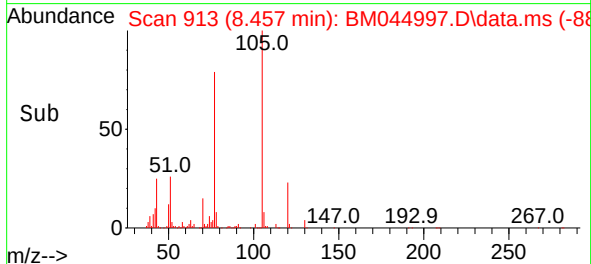
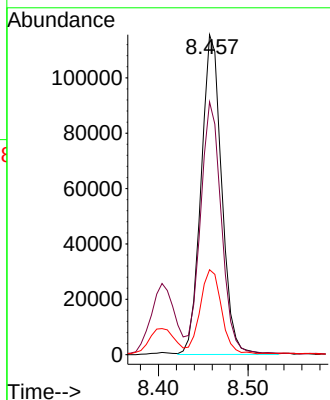


#16
Acetophenone
Concen: 21.138 ng/ul
RT: 8.457 min Scan# 913
Delta R.T. -0.006 min
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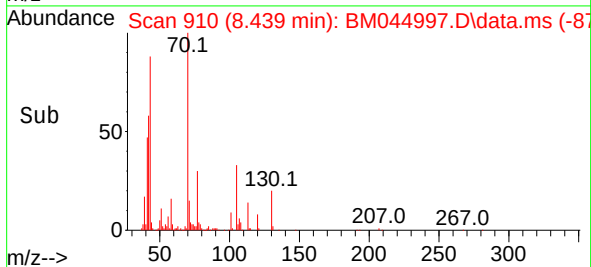
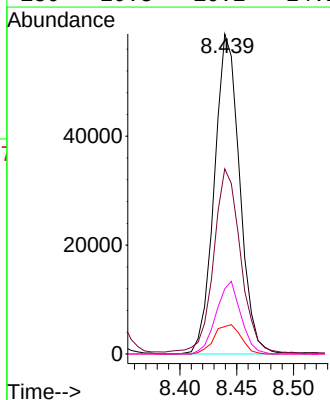
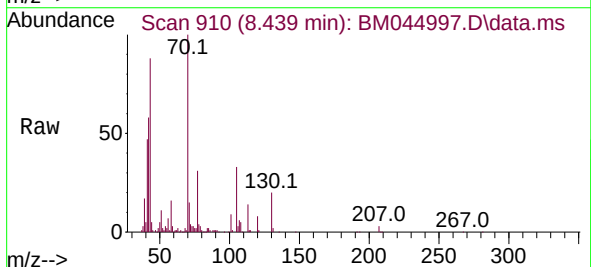


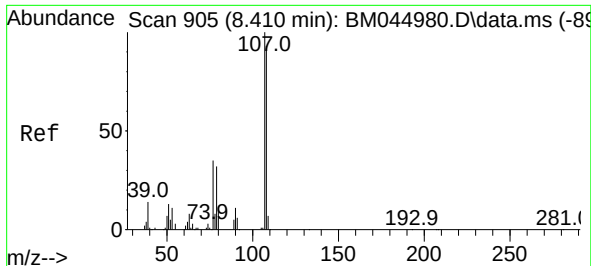
Tgt Ion:105 Resp: 184052
Ion Ratio Lower Upper
105 100
77 79.0 65.8 98.6
51 26.6 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 22.160 ng/ul
RT: 8.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion: 70 Resp: 91105
Ion Ratio Lower Upper
70 100
42 57.8 43.2 64.8
101 8.5 6.4 9.6
130 20.3 16.2 24.2





#18

4-Methylphenol

Concen: 21.729 ng/ul

RT: 8.404 min Scan# 905

Delta R.T. -0.006 min

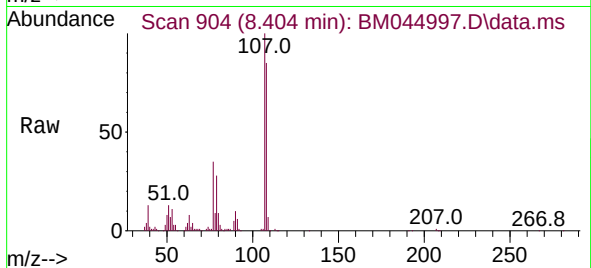
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

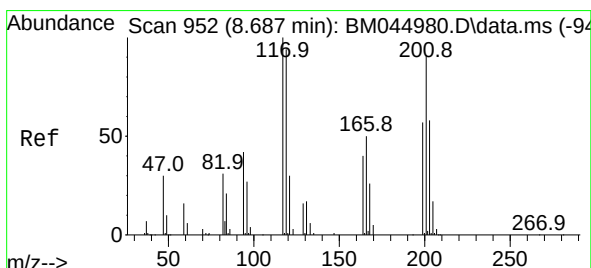
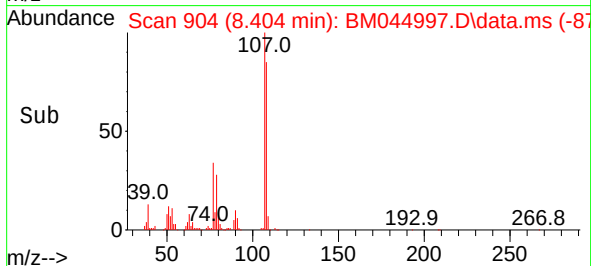
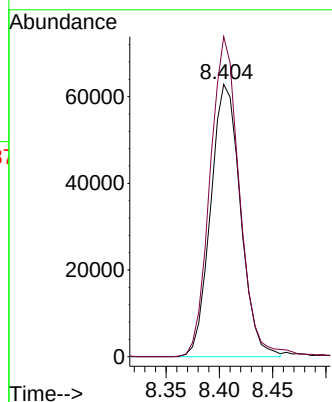


Tgt Ion:108 Resp: 122485

Ion Ratio Lower Upper

108 100

107 117.5 90.0 135.0



#19

Hexachloroethane

Concen: 21.953 ng/ul

RT: 8.681 min Scan# 951

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

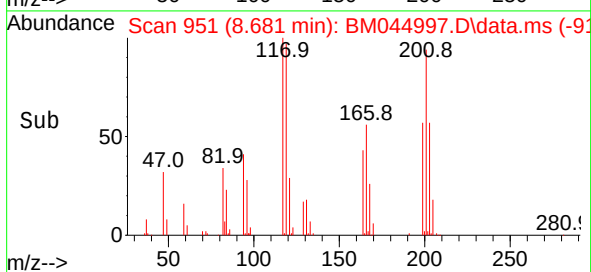
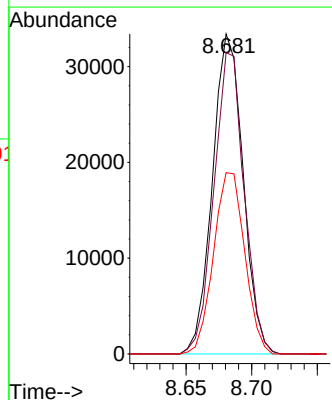
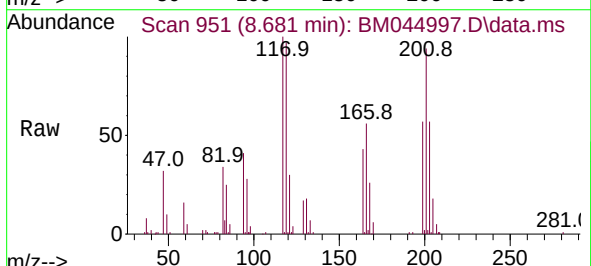
Tgt Ion:117 Resp: 54310

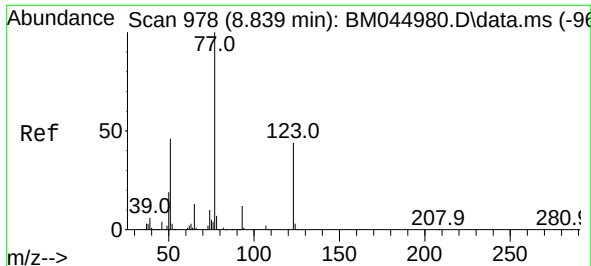
Ion Ratio Lower Upper

117 100

201 94.2 73.0 109.4

199 56.7 44.4 66.6

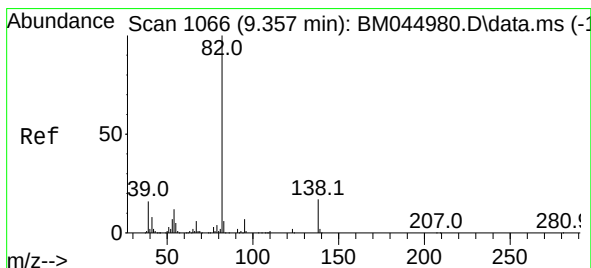
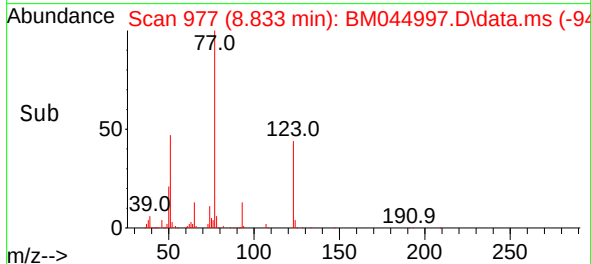
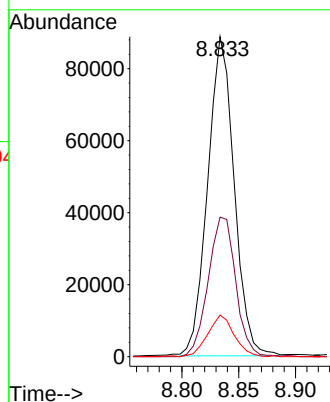
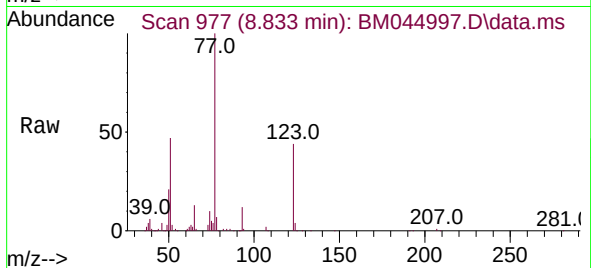




#22
Nitrobenzene
Concen: 21.541 ng/ul
RT: 8.833 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

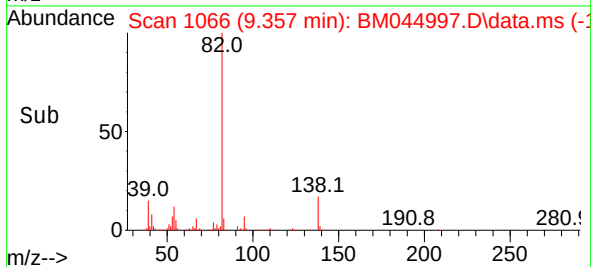
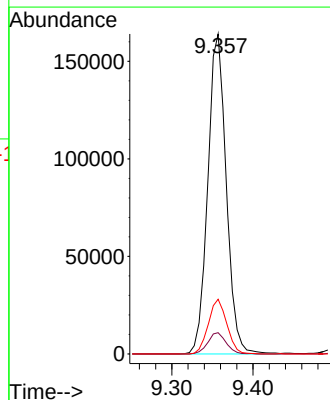
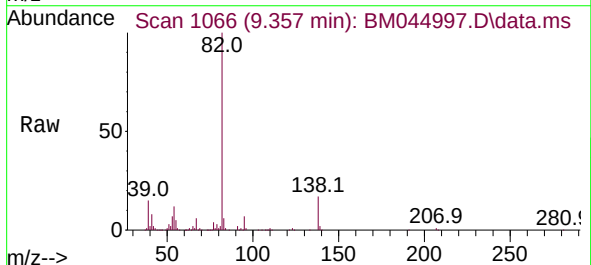
Instrument :
BNA_M
ClientSampleId :

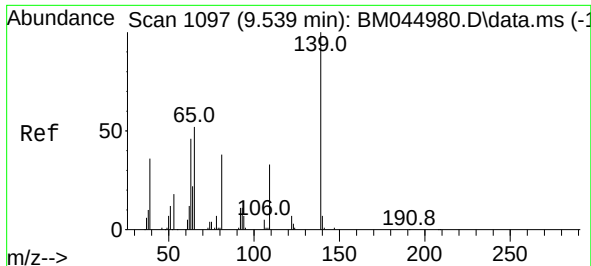
Tgt Ion: 77 Resp: 143697
Ion Ratio Lower Upper
77 100
123 43.6 37.4 56.2
65 13.0 10.7 16.1



#23
Isophorone
Concen: 21.125 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion: 82 Resp: 258914
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.1 14.2 21.4





#25

2-Nitrophenol

Concen: 22.016 ng/ul

RT: 9.533 min Scan# 1096

Delta R.T. -0.006 min

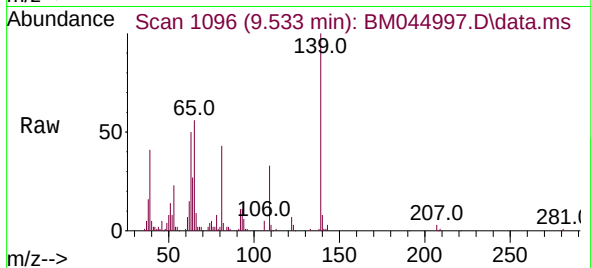
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :



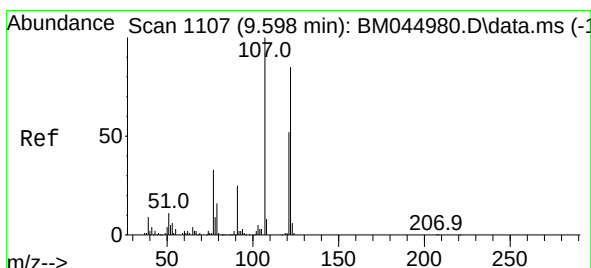
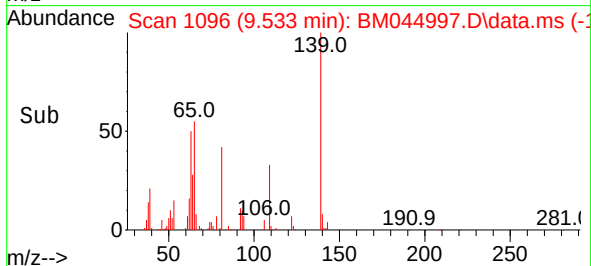
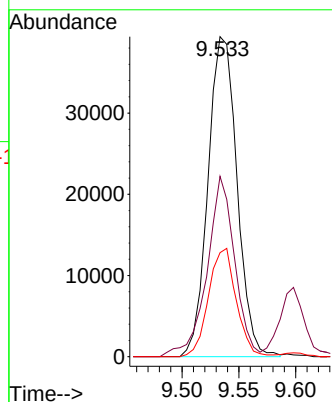
Tgt Ion:139 Resp: 70126

Ion Ratio Lower Upper

139 100

65 56.3 34.9 52.3#

109 32.5 24.4 36.6



#26

2,4-Dimethylphenol

Concen: 21.481 ng/ul

RT: 9.598 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

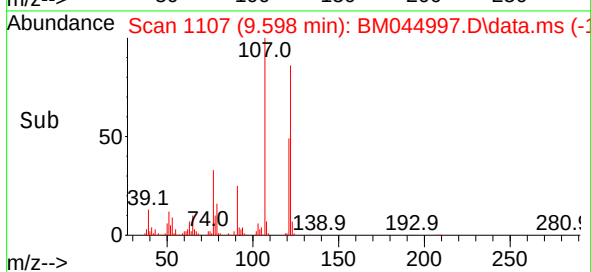
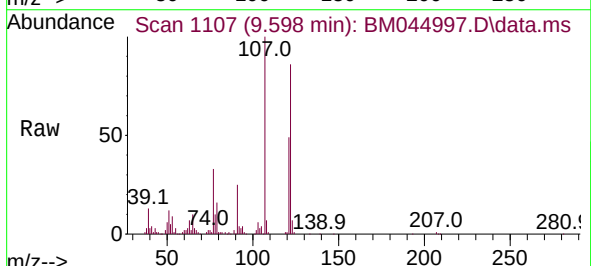
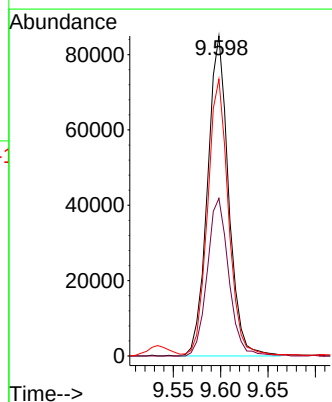
Tgt Ion:107 Resp: 131916

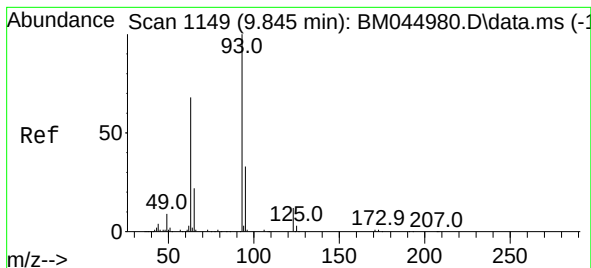
Ion Ratio Lower Upper

107 100

121 49.3 41.1 61.7

122 86.5 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 21.624 ng/ul

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

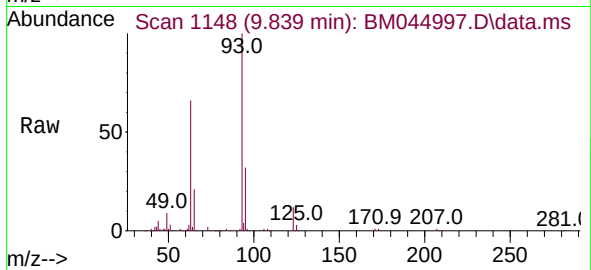
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

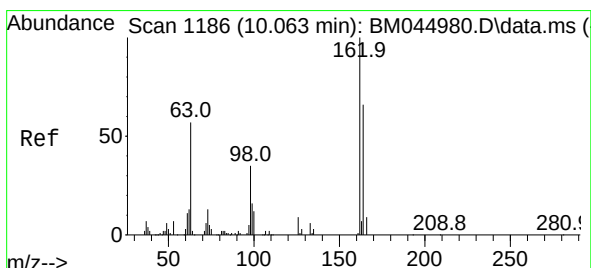
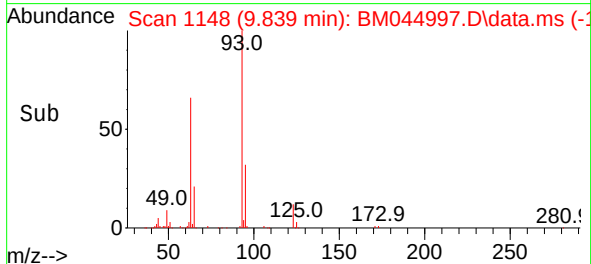
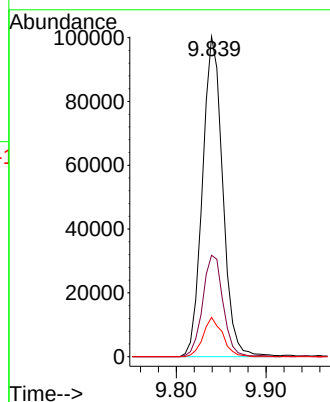
BNA_M

ClientSampleId :



Tgt Ion: 93 Resp: 157116

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.9	40.3
123	12.3	9.1	13.7



#29

2,4-Dichlorophenol

Concen: 21.961 ng/ul

RT: 10.063 min Scan# 1186

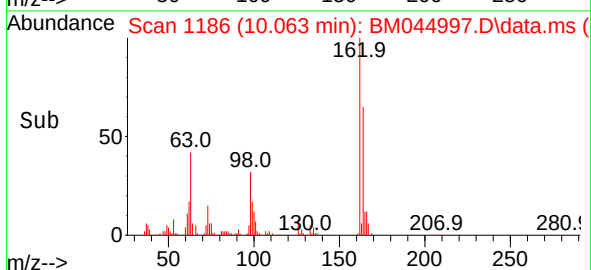
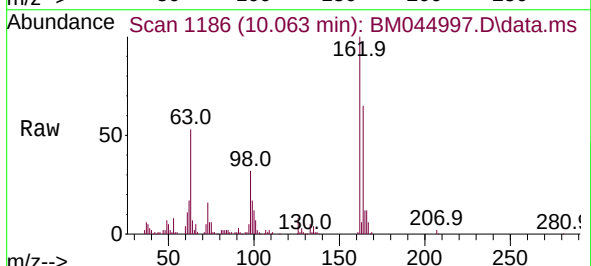
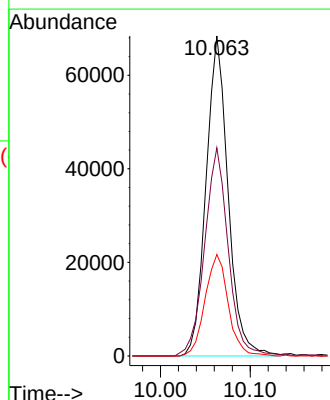
Delta R.T. -0.000 min

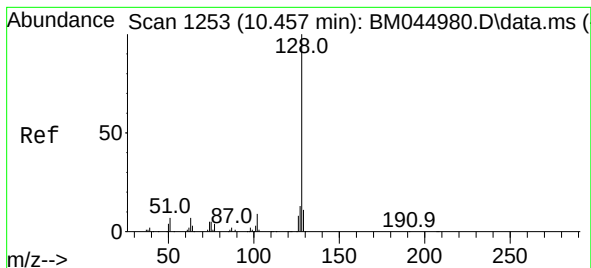
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Tgt Ion:162 Resp: 116745

Ion	Ratio	Lower	Upper
162	100		
164	65.1	50.4	75.6
98	31.7	27.0	40.4





#30

Naphthalene

Concen: 20.966 ng/ul

RT: 10.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

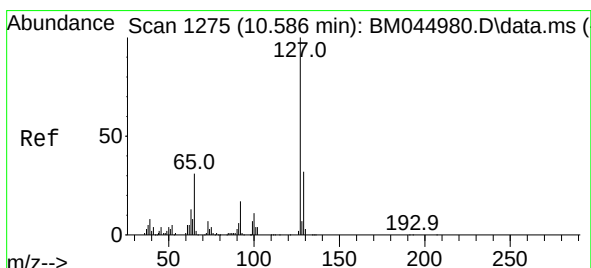
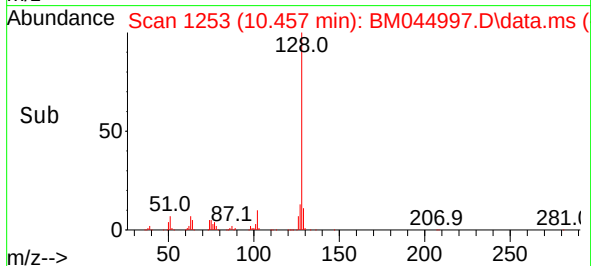
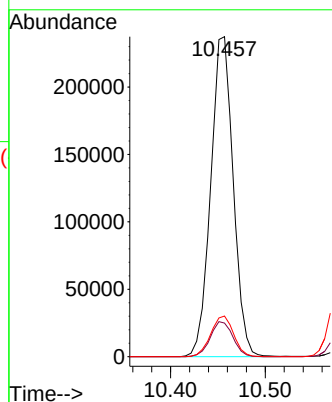
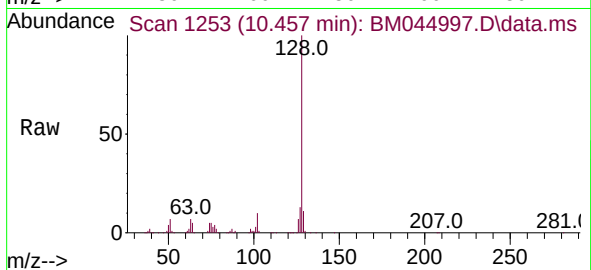
Tgt Ion:128 Resp: 392872

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 12.7 10.2 15.4



#32

4-Chloroaniline

Concen: 20.192 ng/ul

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM044997.D

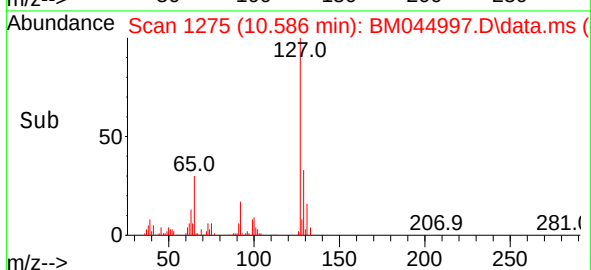
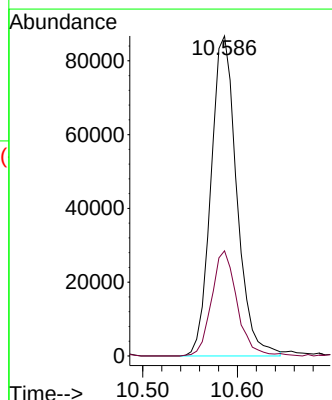
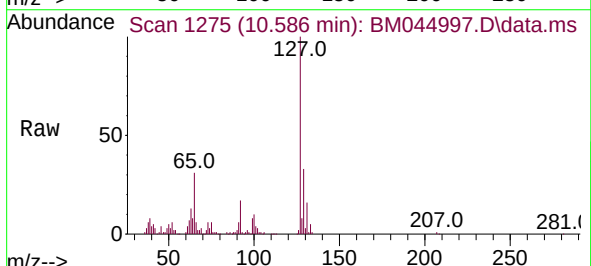
Acq: 07 Apr 2024 08:12

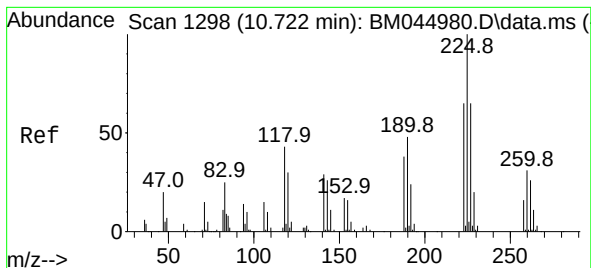
Tgt Ion:127 Resp: 164591

Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.2





#33

Hexachlorobutadiene

Concen: 21.148 ng/ul

RT: 10.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

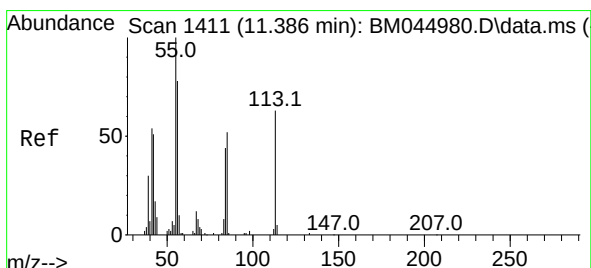
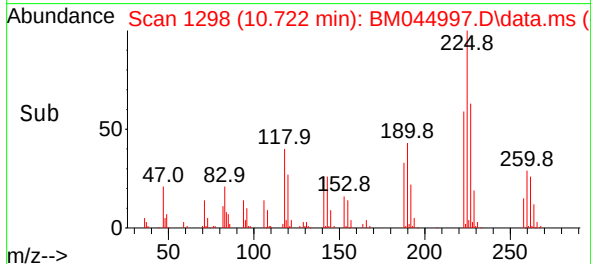
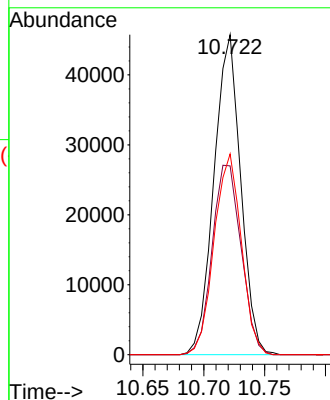
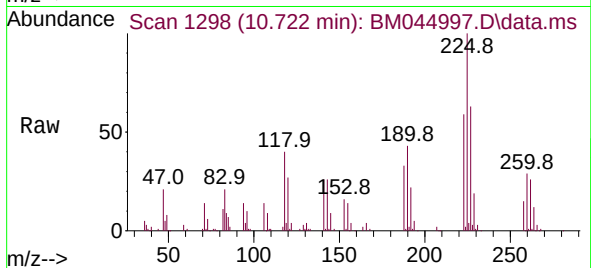
Tgt Ion:225 Resp: 69899

Ion Ratio Lower Upper

225 100

223 56.6 45.3 67.9

227 60.2 47.6 71.4



#34

Caprolactam

Concen: 18.389 ng/ul

RT: 11.380 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

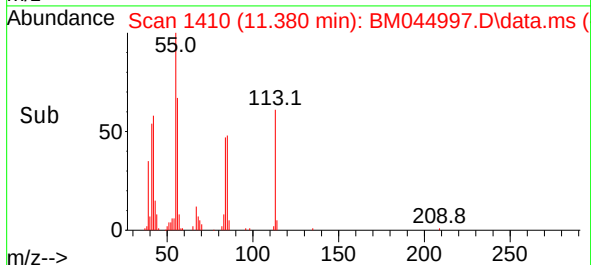
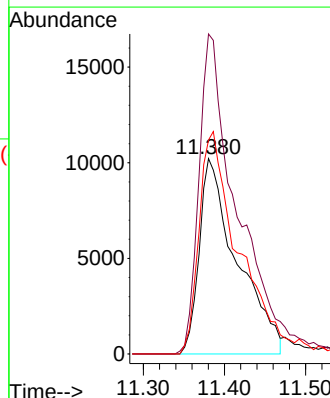
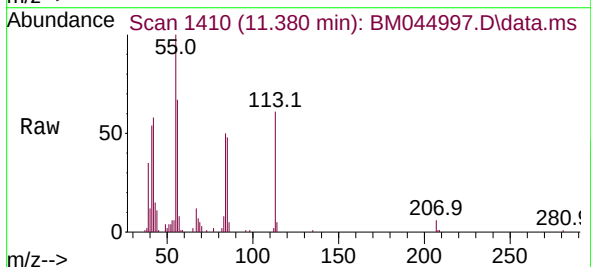
Tgt Ion:113 Resp: 33003

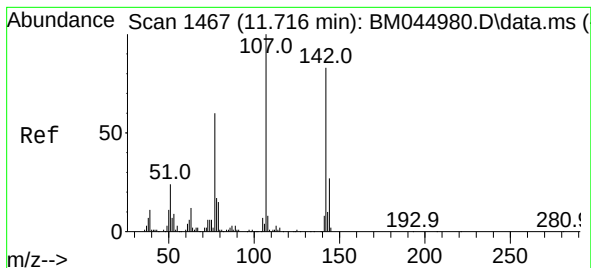
Ion Ratio Lower Upper

113 100

55 163.8 125.4 188.0

56 109.5 91.8 137.8

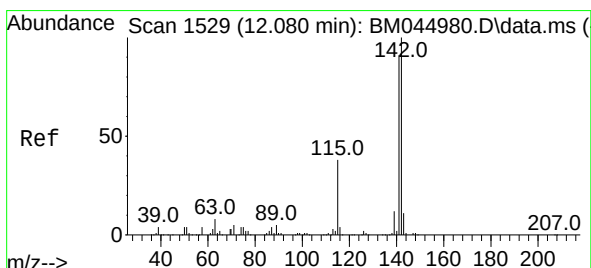
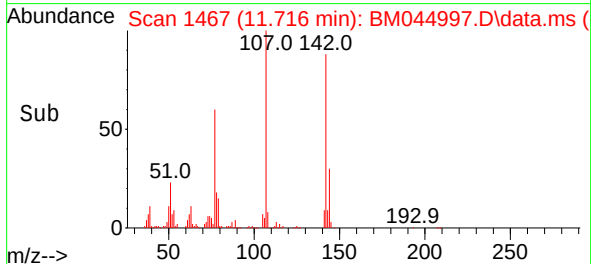
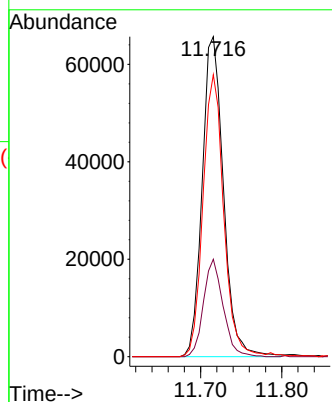
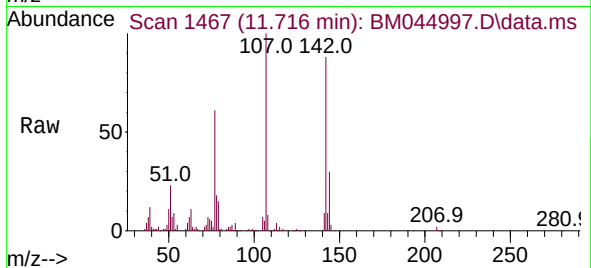




#35
4-Chloro-3-methylphenol
Concen: 22.612 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

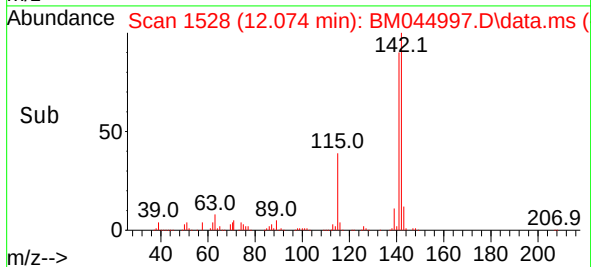
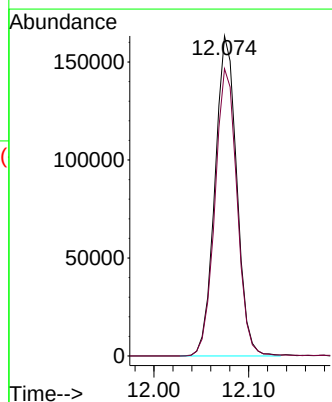
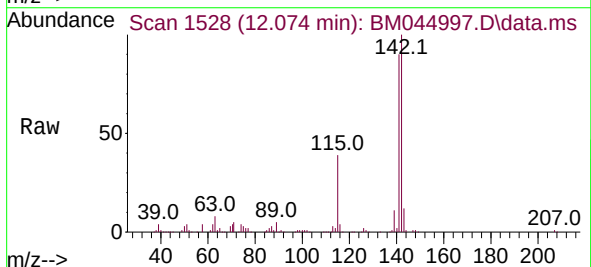
Instrument :
BNA_M
ClientSampleId :

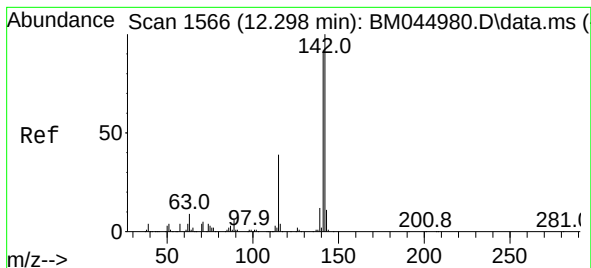
Tgt Ion:107 Resp: 119496
Ion Ratio Lower Upper
107 100
144 30.4 22.8 34.2
142 88.1 69.8 104.6



#36
2-Methylnaphthalene
Concen: 21.291 ng/ul
RT: 12.074 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion:142 Resp: 260486
Ion Ratio Lower Upper
142 100
141 89.8 72.3 108.5





#37

1-Methylnaphthalene

Concen: 21.327 ng/ul

RT: 12.298 min Scan# 1566

Delta R.T. -0.000 min

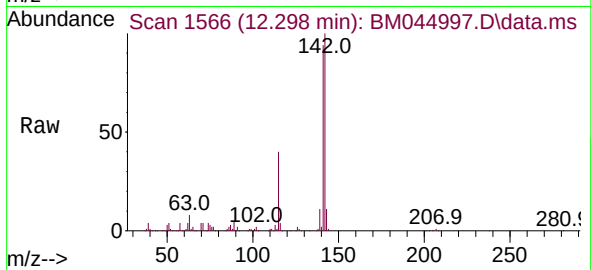
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :



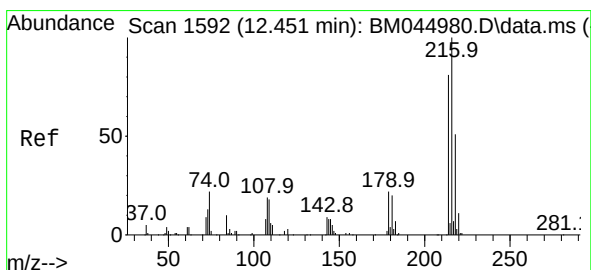
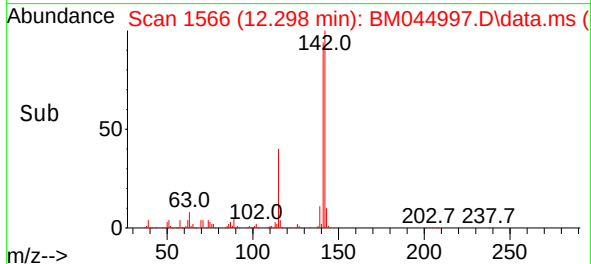
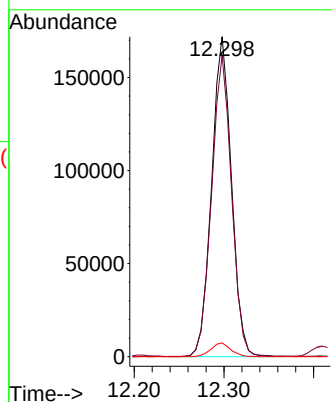
Tgt Ion:142 Resp: 264049

Ion Ratio Lower Upper

142 100

141 94.1 77.2 115.8

116 4.3 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.368 ng/ul

RT: 12.445 min Scan# 1591

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Tgt Ion:216 Resp: 132165

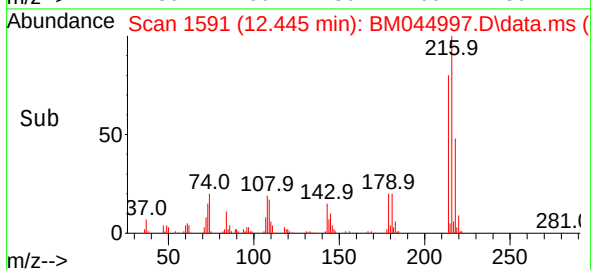
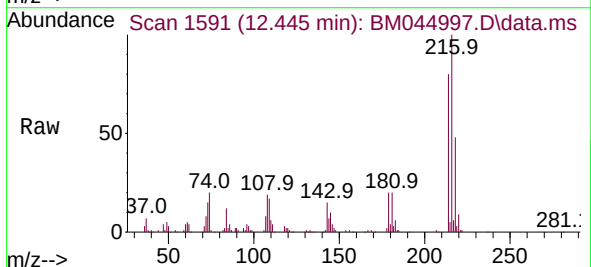
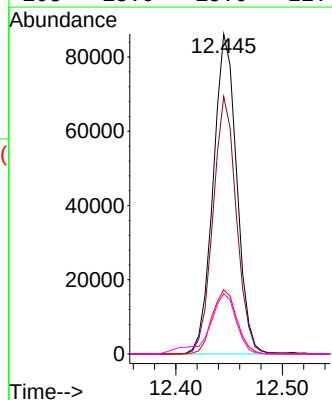
Ion Ratio Lower Upper

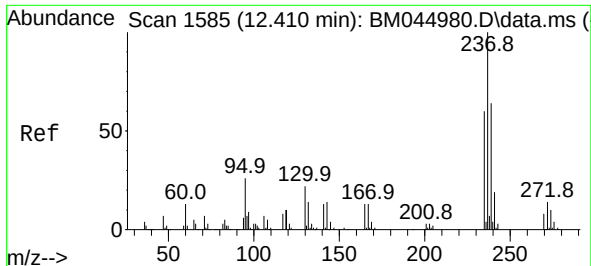
216 100

214 80.5 63.5 95.3

179 20.1 16.6 25.0

108 18.9 15.0 22.4





#40

Hexachlorocyclopentadiene

Concen: 16.347 ng/ul

RT: 12.410 min Scan# 1585

Delta R.T. -0.000 min

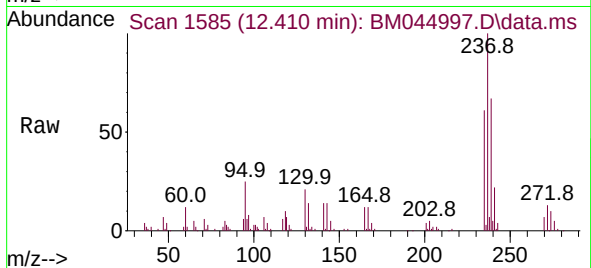
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :



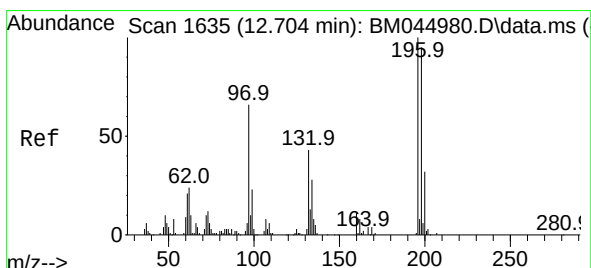
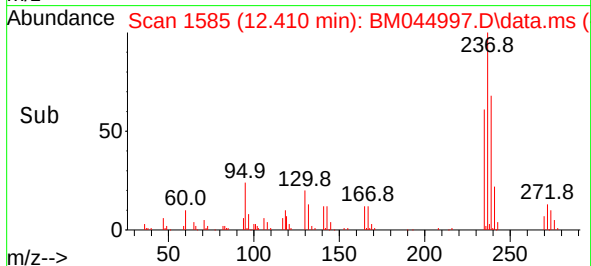
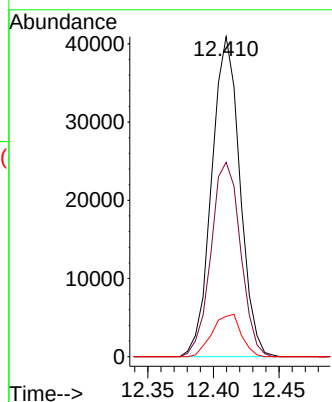
Tgt Ion:237 Resp: 61205

Ion Ratio Lower Upper

237 100

235 60.8 51.3 76.9

272 13.0 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 22.886 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

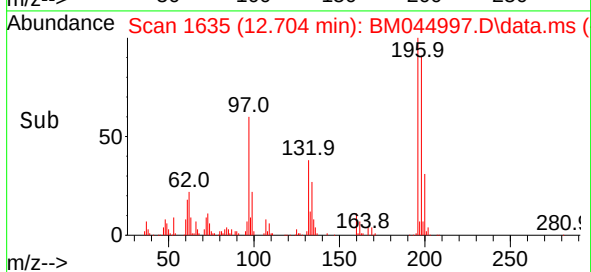
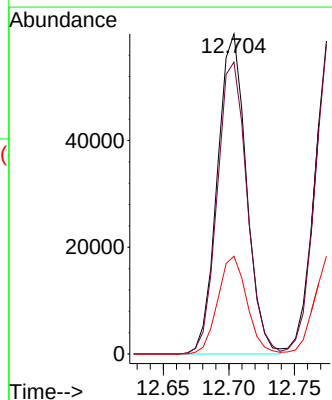
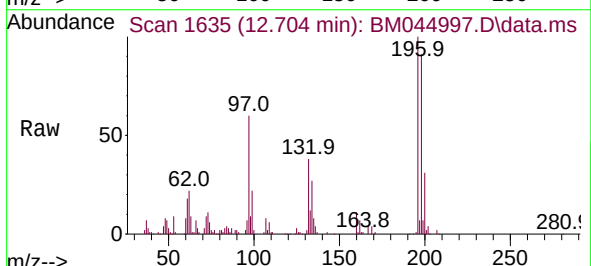
Tgt Ion:196 Resp: 92338

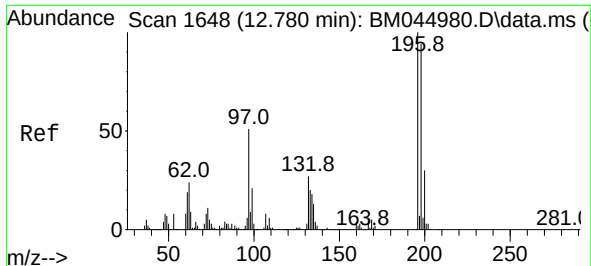
Ion Ratio Lower Upper

196 100

198 91.2 79.4 119.2

200 30.5 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 21.767 ng/ul

RT: 12.774 min Scan# 1

Delta R.T. -0.006 min

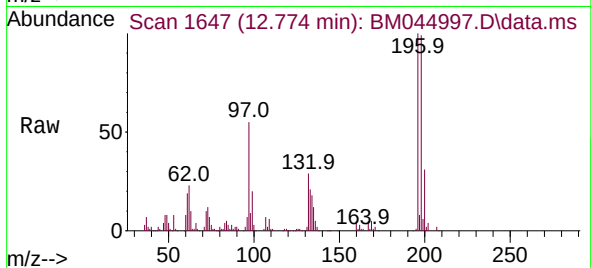
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :



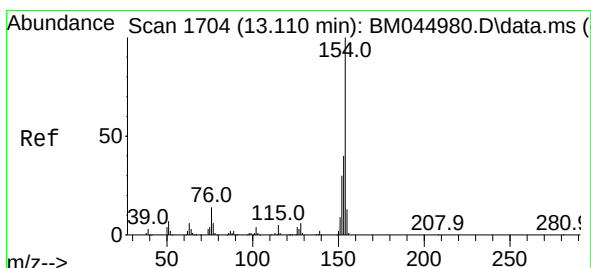
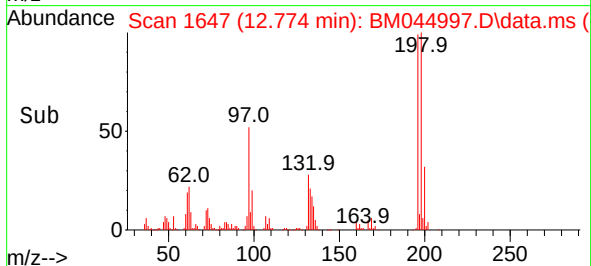
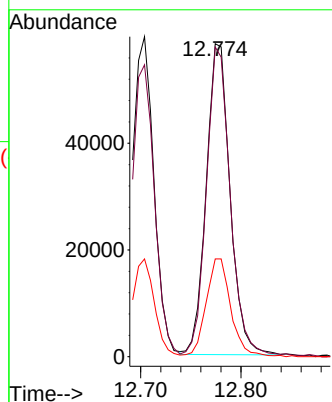
Tgt Ion:196 Resp: 96770

Ion Ratio Lower Upper

196 100

198 98.9 79.9 119.9

200 31.3 25.6 38.4



#43

1,1'-Biphenyl

Concen: 20.978 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

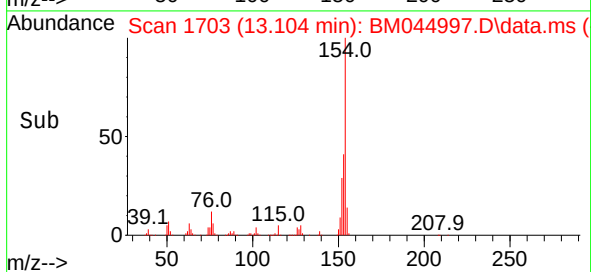
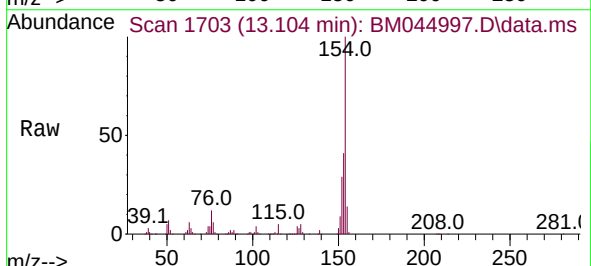
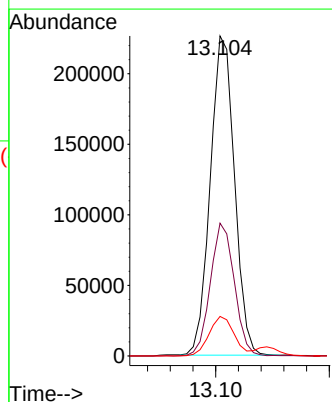
Tgt Ion:154 Resp: 335032

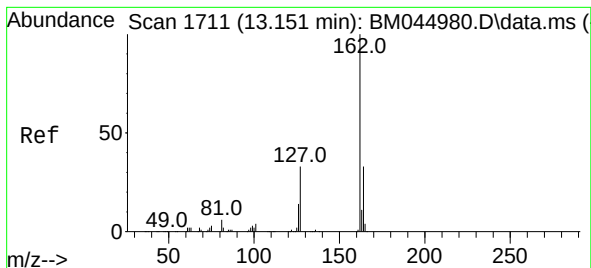
Ion Ratio Lower Upper

154 100

153 41.5 31.6 47.4

76 12.4 10.4 15.6





#44

2-Chloronaphthalene

Concen: 21.212 ng/ul

RT: 13.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

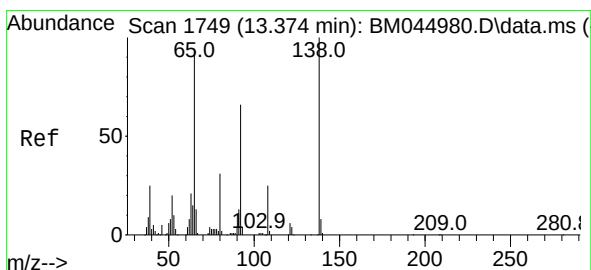
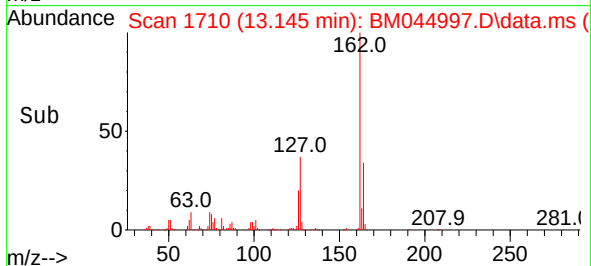
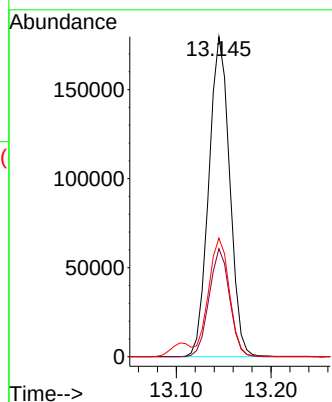
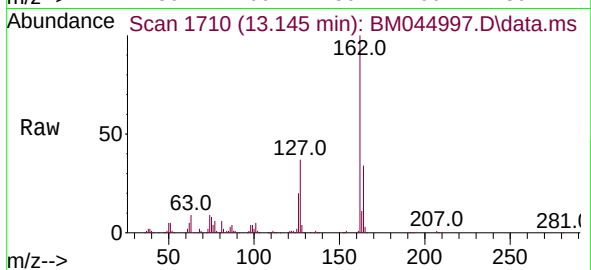
Tgt Ion:162 Resp: 275225

Ion Ratio Lower Upper

162 100

164 33.7 26.1 39.1

127 37.0 30.1 45.1



#45

2-Nitroaniline

Concen: 22.380 ng/ul

RT: 13.374 min Scan# 1749

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

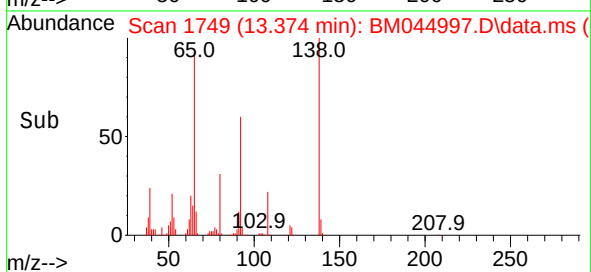
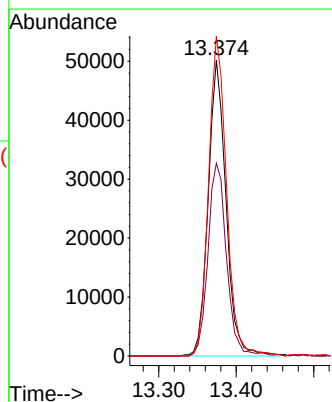
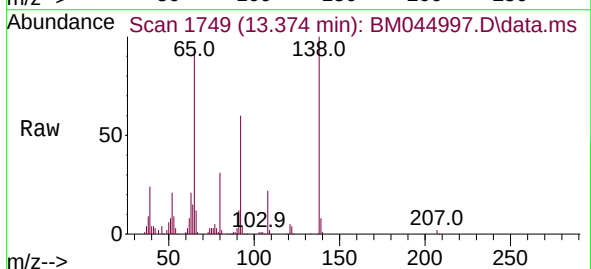
Tgt Ion: 65 Resp: 80156

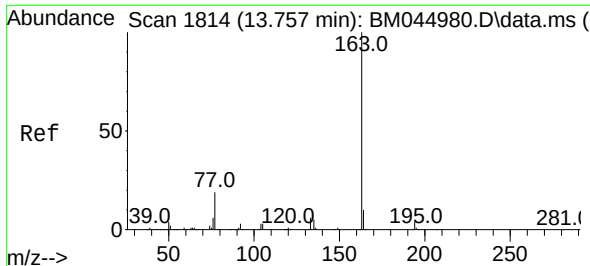
Ion Ratio Lower Upper

65 100

92 65.2 55.2 82.8

138 108.1 93.0 139.4





#47

Dimethylphthalate

Concen: 20.306 ng/ul

RT: 13.751 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

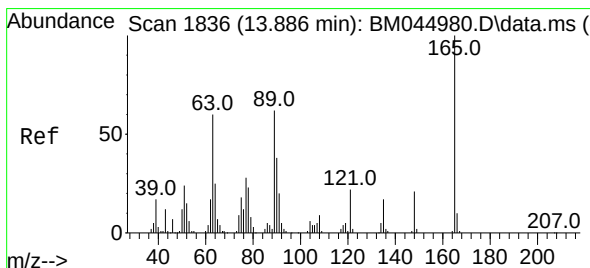
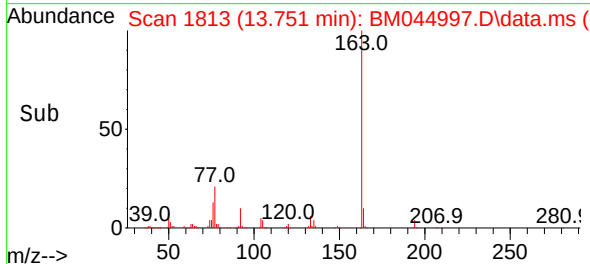
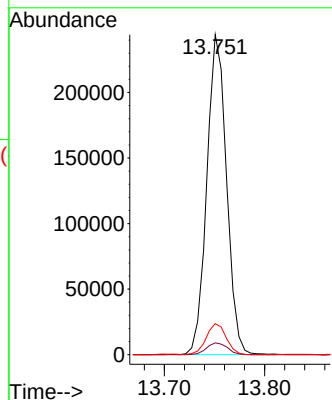
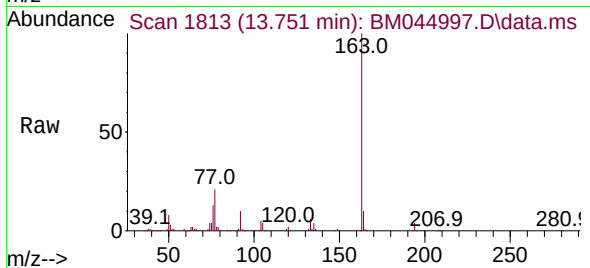
Tgt Ion:163 Resp: 334230

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 9.7 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 21.196 ng/ul

RT: 13.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

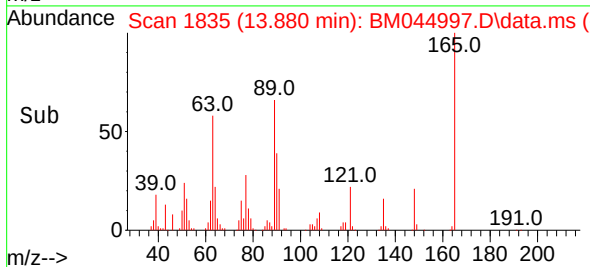
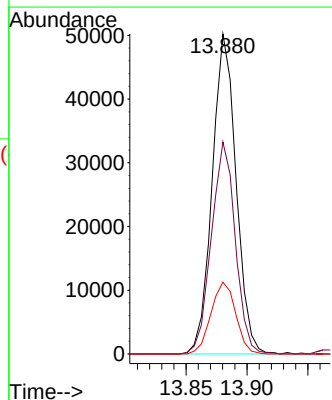
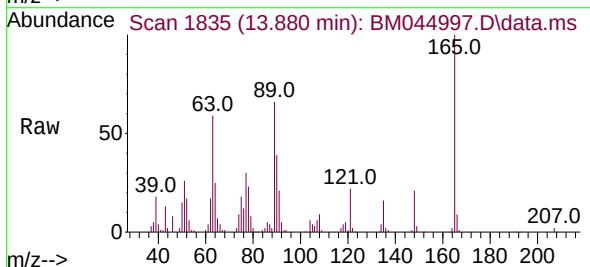
Tgt Ion:165 Resp: 68380

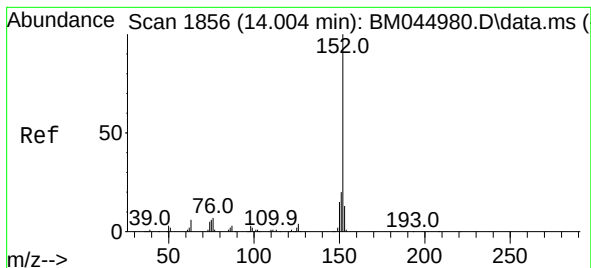
Ion Ratio Lower Upper

165 100

89 66.2 45.0 67.4

121 22.5 18.0 27.0





#50

Acenaphthylene

Concen: 21.120 ng/ul

RT: 13.998 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

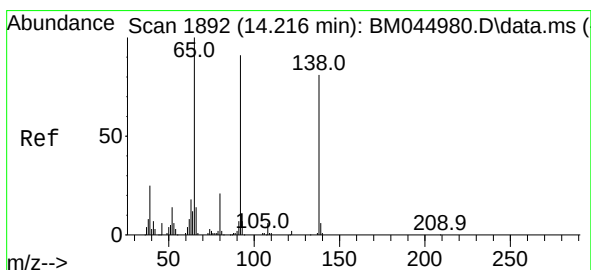
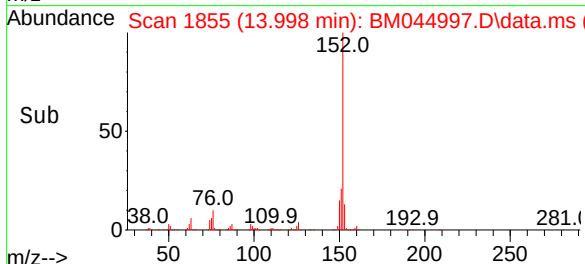
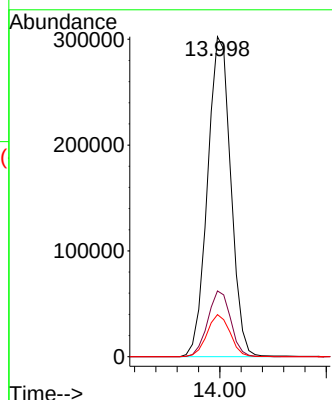
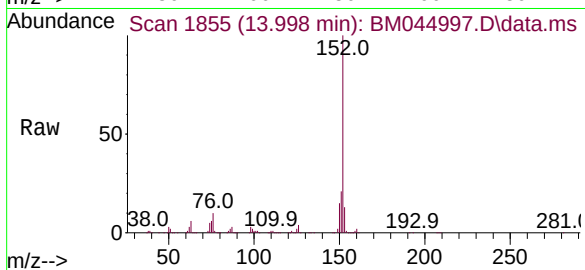
Tgt Ion:152 Resp: 458874

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.1 10.2 15.2



#51

3-Nitroaniline

Concen: 21.250 ng/ul

RT: 14.215 min Scan# 1892

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

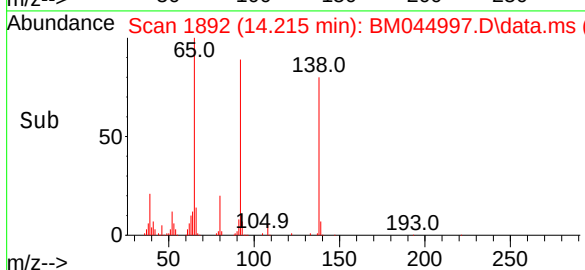
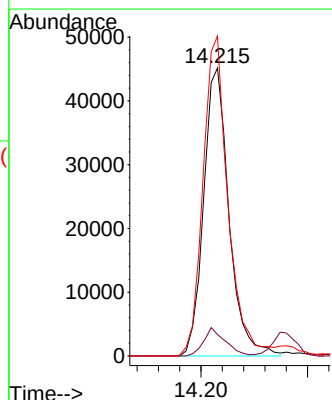
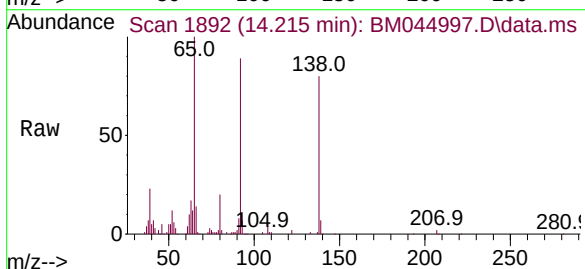
Tgt Ion:138 Resp: 74779

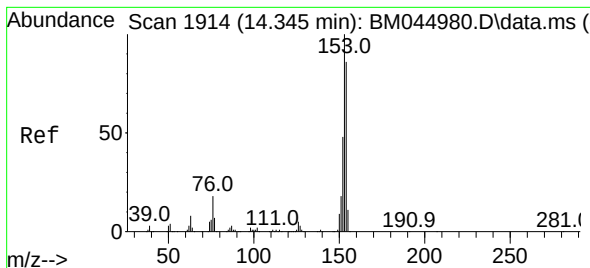
Ion Ratio Lower Upper

138 100

108 7.5 6.5 9.7

92 111.1 81.4 122.0





#52

Acenaphthene

Concen: 21.085 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. -0.000 min

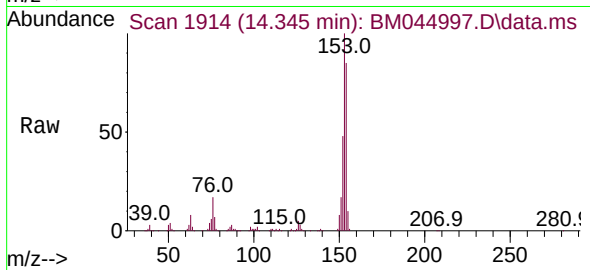
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :



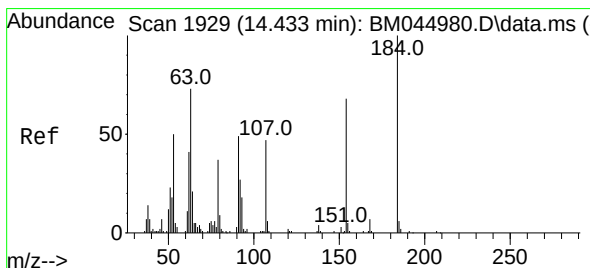
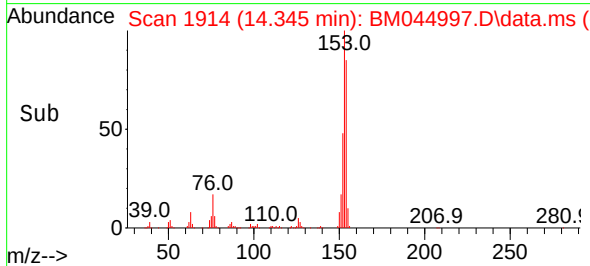
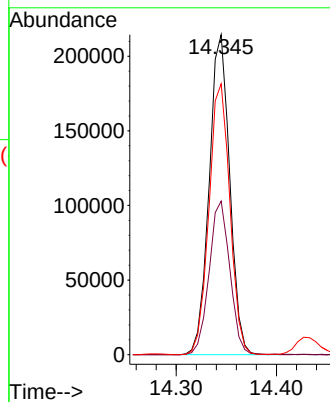
Tgt Ion:153 Resp: 305695

Ion Ratio Lower Upper

153 100

152 48.0 38.6 58.0

154 84.7 69.4 104.2



#53

2,4-Dinitrophenol

Concen: 15.222 ng/ul

RT: 14.427 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

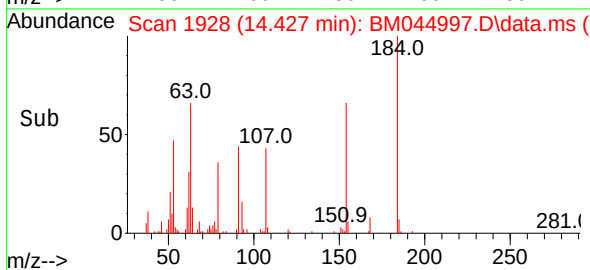
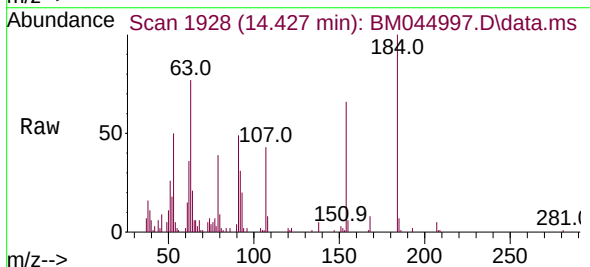
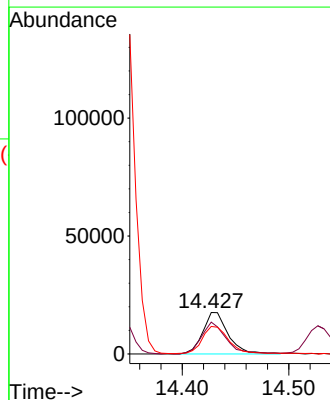
Tgt Ion:184 Resp: 29197

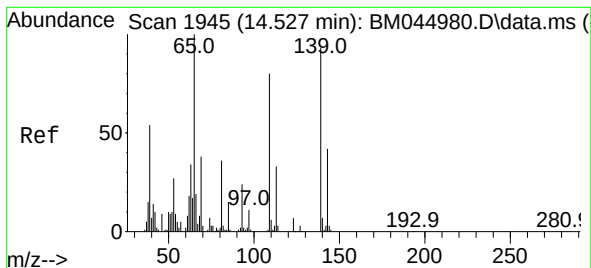
Ion Ratio Lower Upper

184 100

63 76.8 56.9 85.3

154 66.4 50.3 75.5

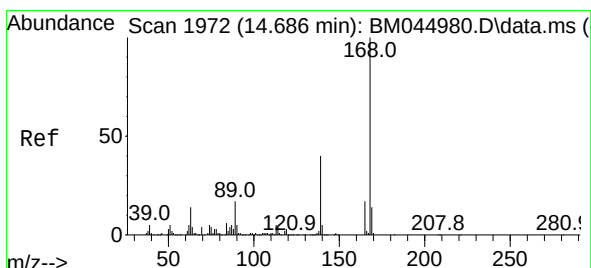
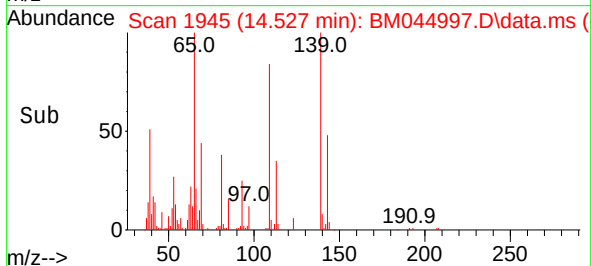
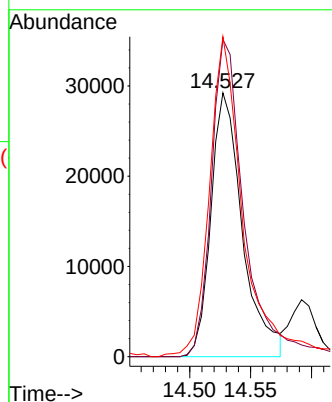
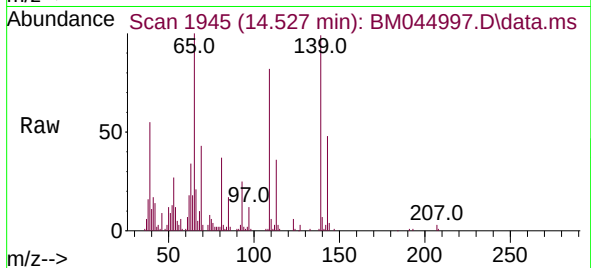




#55
4-Nitrophenol
Concen: 18.212 ng/ul
RT: 14.527 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

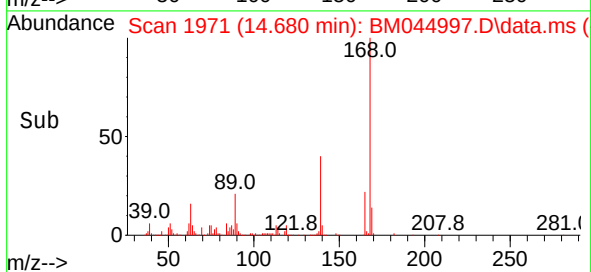
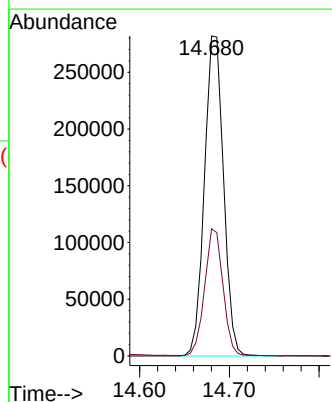
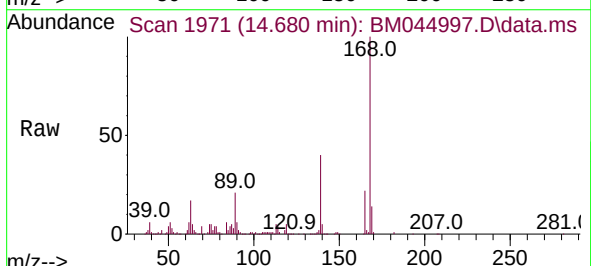
Instrument :
BNA_M
ClientSampleId :

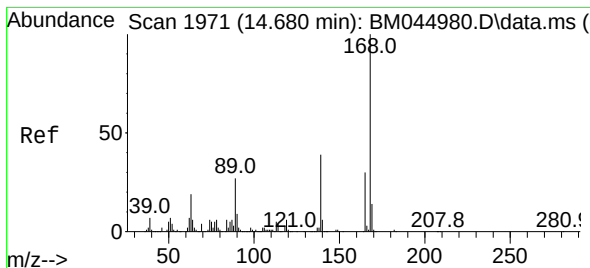
Tgt Ion:109 Resp: 52638
Ion Ratio Lower Upper
109 100
139 120.3 107.7 161.5
65 121.3 96.3 144.5



#56
Dibenzofuran
Concen: 21.029 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion:168 Resp: 417203
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0

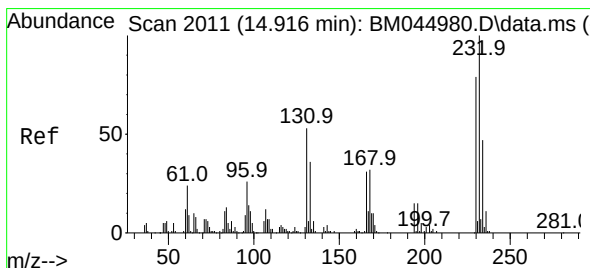
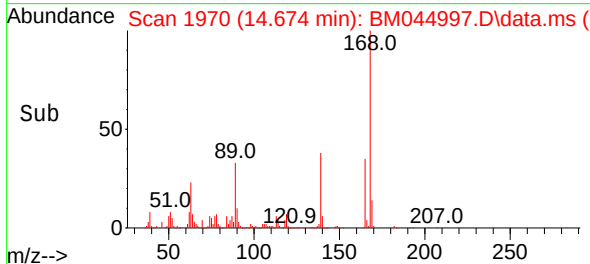
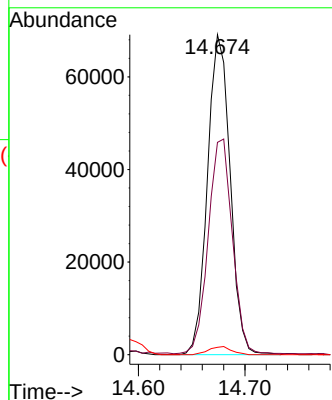
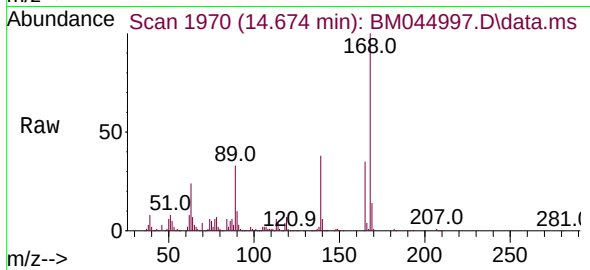




#57
2,4-Dinitrotoluene
Concen: 21.159 ng/ul
RT: 14.674 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

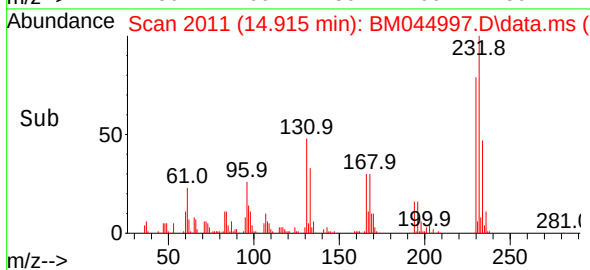
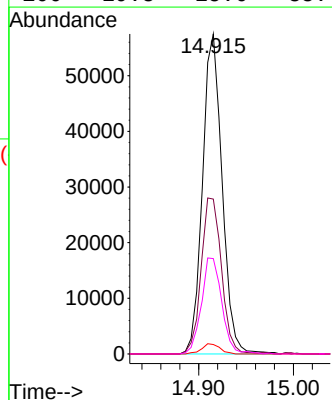
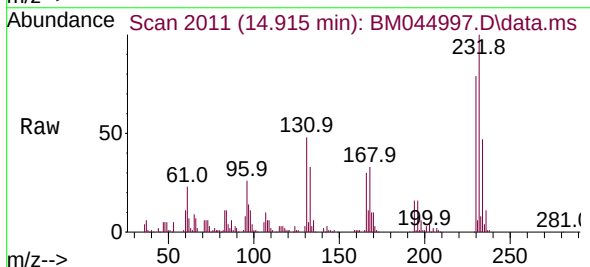
Instrument :
BNA_M
ClientSampleId :

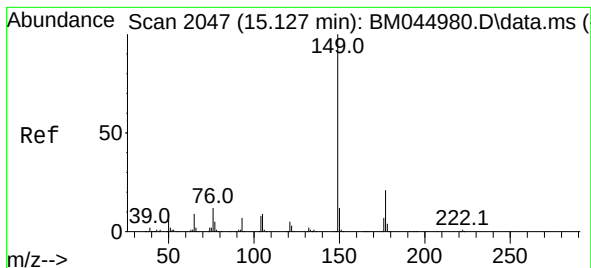
Tgt Ion:165 Resp: 102179
Ion Ratio Lower Upper
165 100
63 66.4 52.0 78.0
182 2.3 2.3 3.5#



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.792 ng/ul
RT: 14.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion:232 Resp: 82913
Ion Ratio Lower Upper
232 100
131 48.4 43.4 65.0
130 2.9 2.6 4.0
166 29.8 25.6 38.4





#59

Diethylphthalate

Concen: 20.491 ng/ul

RT: 15.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

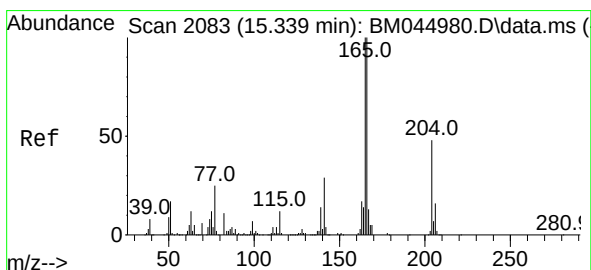
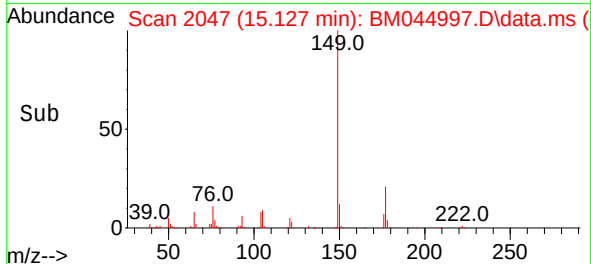
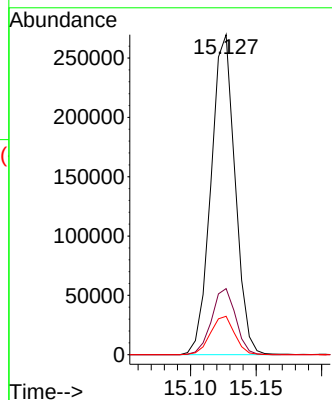
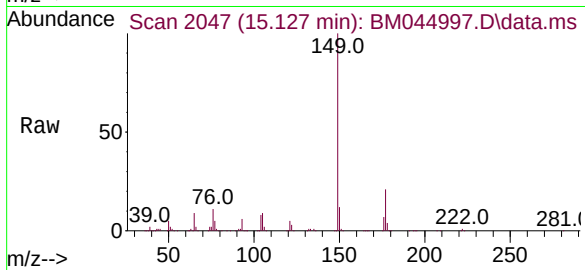
Tgt Ion:149 Resp: 344080

Ion Ratio Lower Upper

149 100

177 20.6 16.4 24.6

150 12.0 10.3 15.5



#61

Fluorene

Concen: 20.656 ng/ul

RT: 15.339 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

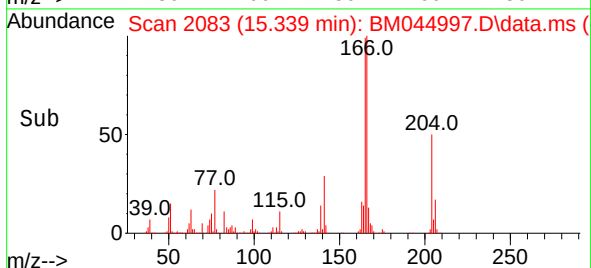
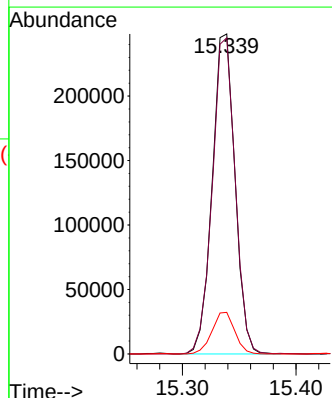
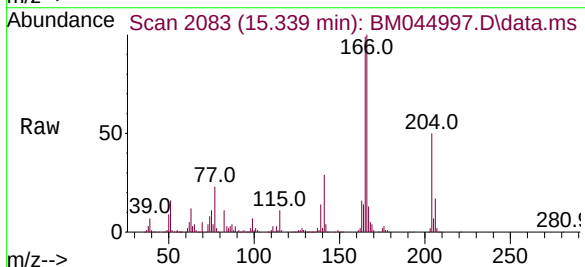
Tgt Ion:166 Resp: 345398

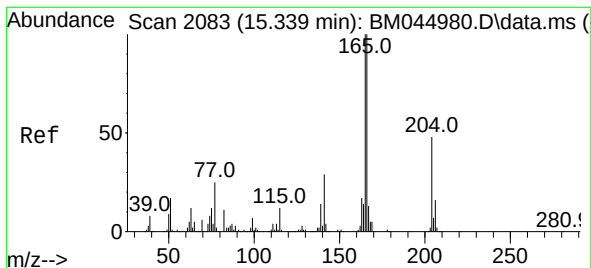
Ion Ratio Lower Upper

166 100

165 98.8 80.5 120.7

167 13.0 11.0 16.6

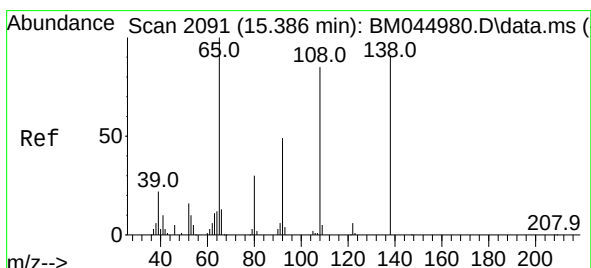
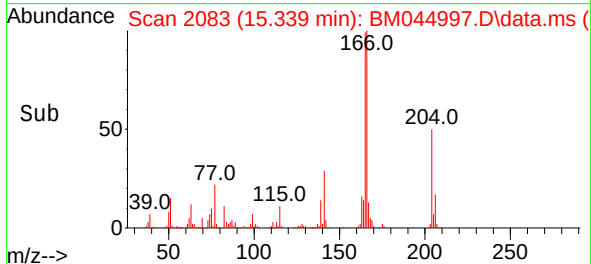
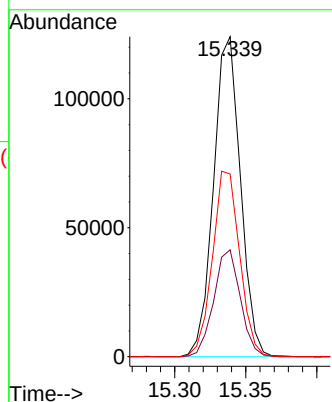
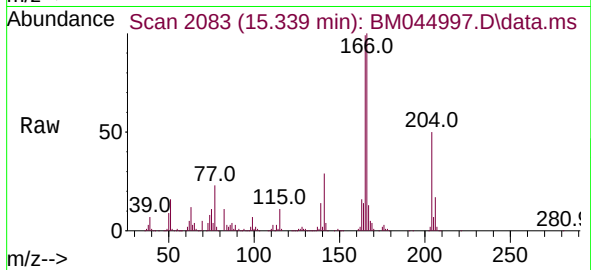




#62
4-Chlorophenyl-phenylether
Concen: 20.872 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

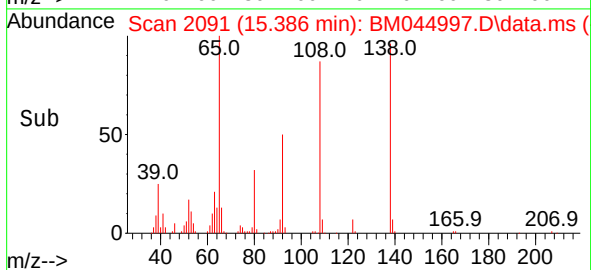
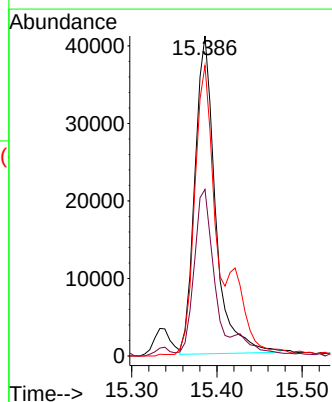
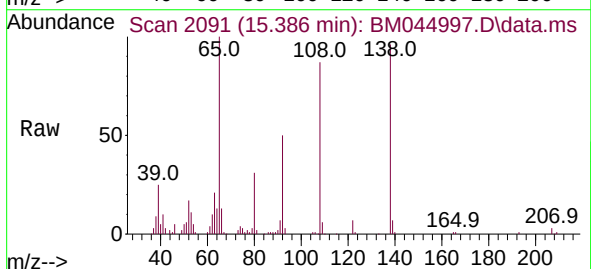
Instrument :
BNA_M
ClientSampleId :

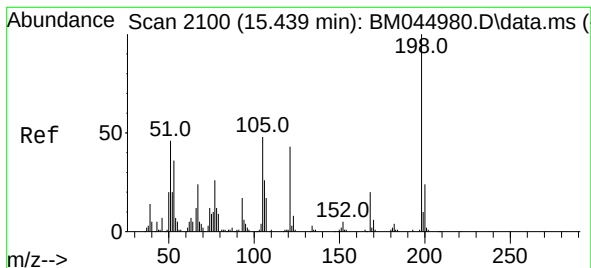
Tgt Ion:204 Resp: 163586
Ion Ratio Lower Upper
204 100
206 33.4 24.9 37.3
141 57.1 46.2 69.2



#63
4-Nitroaniline
Concen: 21.569 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion:138 Resp: 69008
Ion Ratio Lower Upper
138 100
92 52.0 39.8 59.6
108 90.8 66.4 99.6

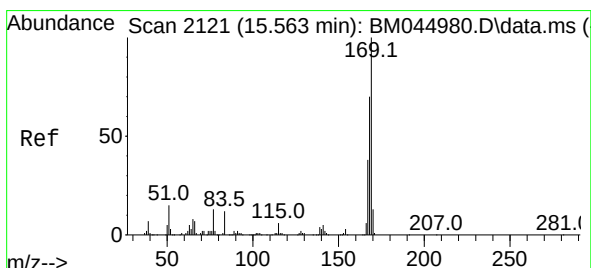
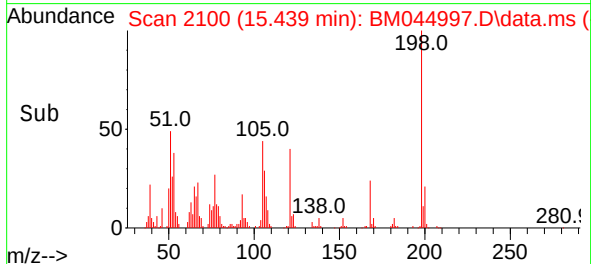
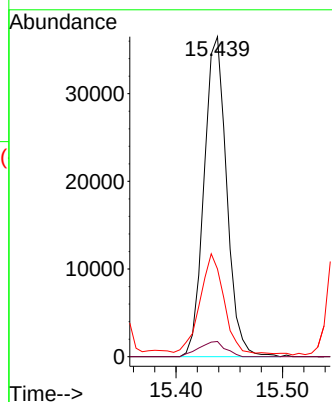
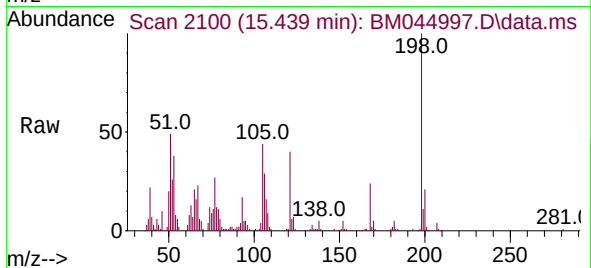




#66
4,6-Dinitro-2-methylphenol
Concen: 17.905 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

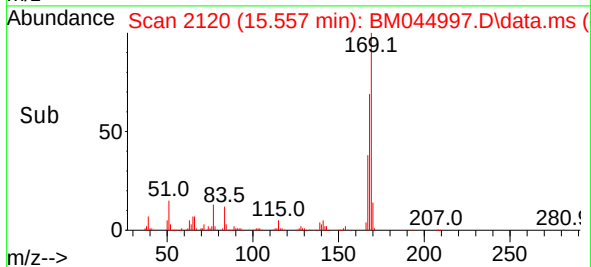
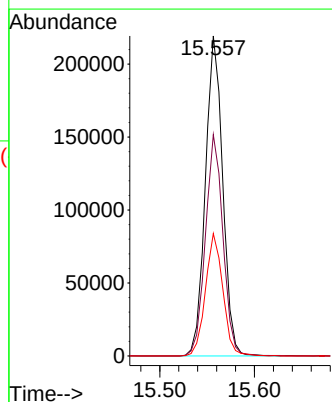
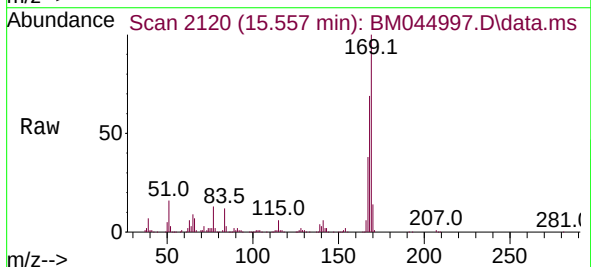
Instrument :
BNA_M
ClientSampleId :

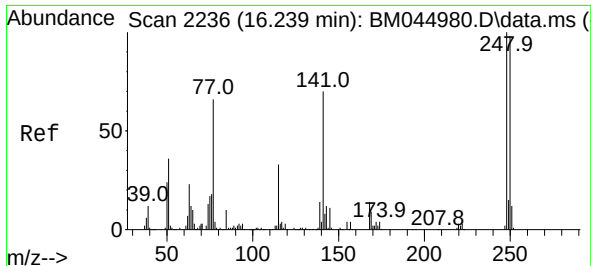
Tgt Ion:198 Resp: 53784
Ion Ratio Lower Upper
198 100
182 4.8 3.8 5.6
77 27.4 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 21.871 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion:169 Resp: 279108
Ion Ratio Lower Upper
169 100
168 69.1 56.7 85.1
167 38.2 31.2 46.8

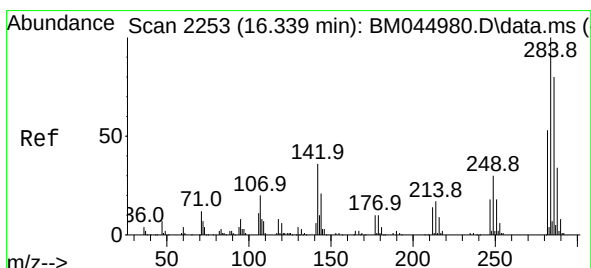
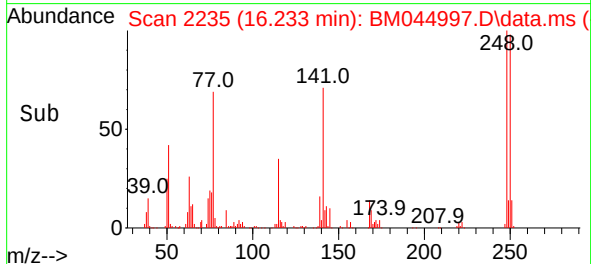
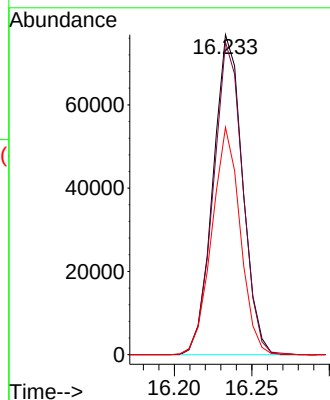
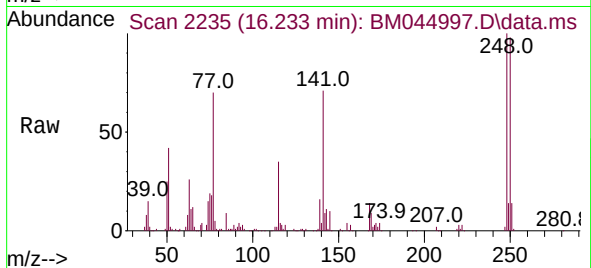




#68
4-Bromophenyl-phenylether
Concen: 22.054 ng/ul
RT: 16.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

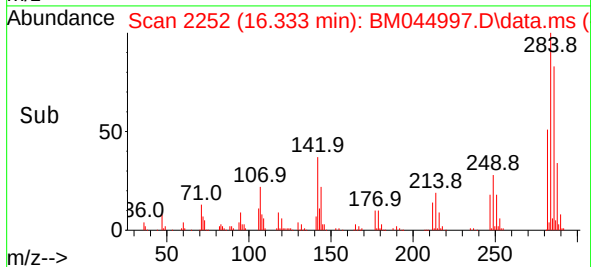
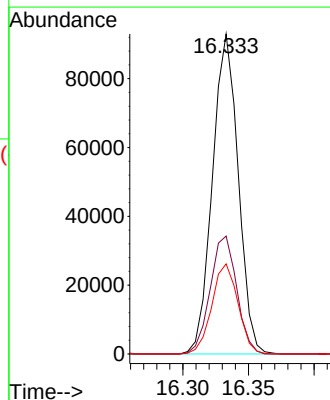
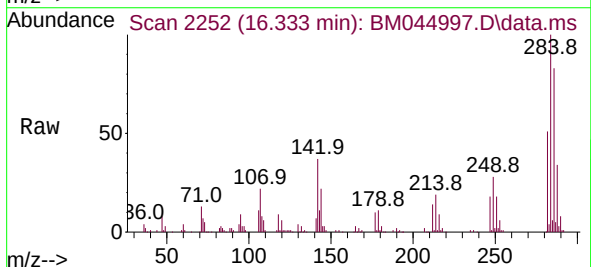
Instrument :
BNA_M
ClientSampleId :

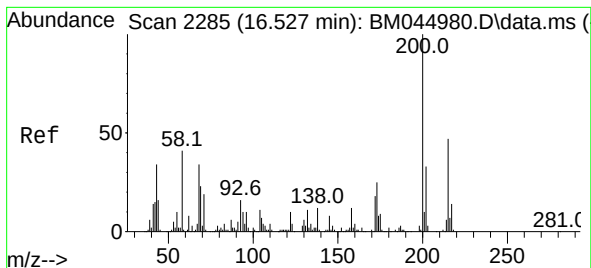
Tgt Ion:248 Resp: 101609
Ion Ratio Lower Upper
248 100
250 97.6 81.0 121.6
141 71.0 55.1 82.7



#69
Hexachlorobenzene
Concen: 21.174 ng/ul
RT: 16.333 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion:284 Resp: 126901
Ion Ratio Lower Upper
284 100
142 36.9 27.3 40.9
249 28.2 23.6 35.4





#70

Atrazine

Concen: 20.281 ng/ul

RT: 16.521 min Scan# 2285

Delta R.T. -0.006 min

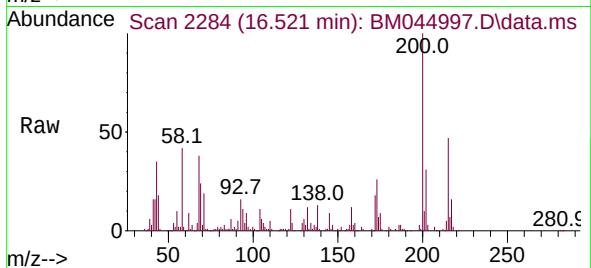
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

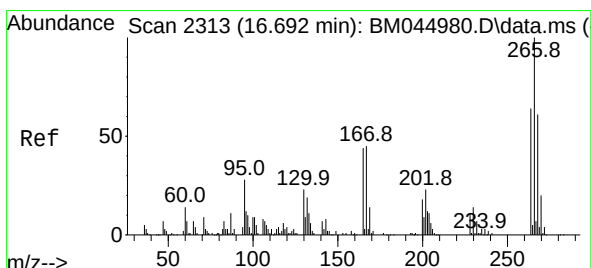
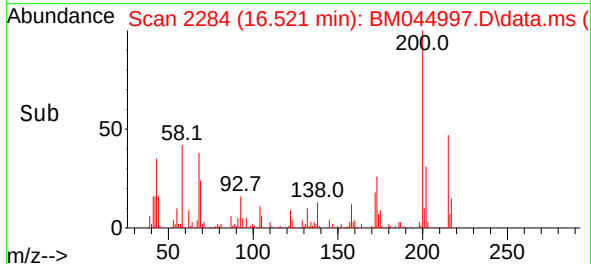
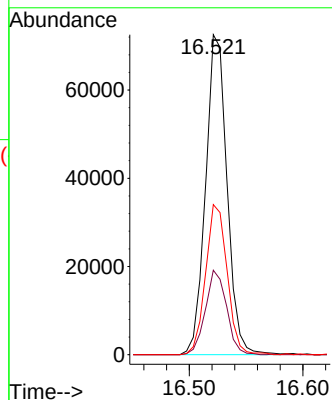
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	95204
Ion Ratio	Lower	Upper	
200	100		
173	26.4	20.3	30.5
215	46.9	37.9	56.9



#71

Pentachlorophenol

Concen: 19.338 ng/ul

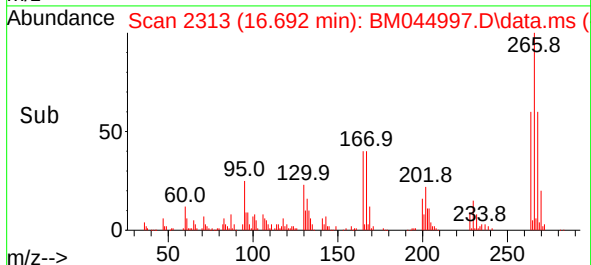
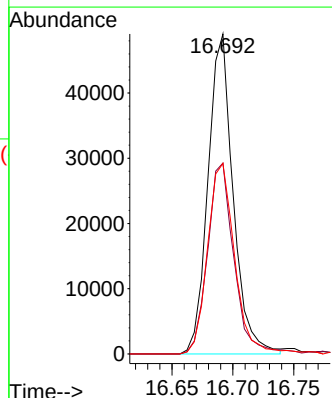
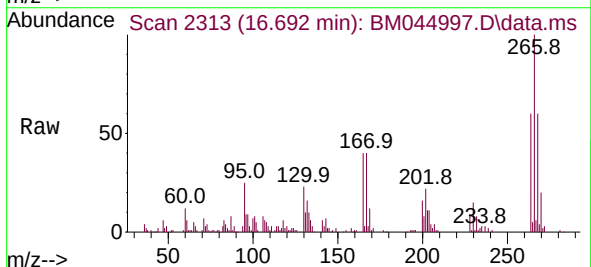
RT: 16.692 min Scan# 2313

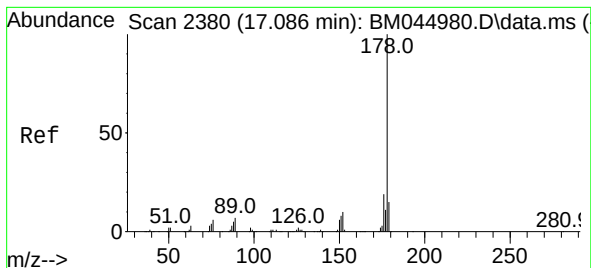
Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Tgt Ion:	266	Resp:	70400
Ion Ratio	Lower	Upper	
266	100		
264	59.7	49.3	73.9
268	59.6	53.3	79.9





#72

Phenanthrene

Concen: 20.863 ng/ul

RT: 17.080 min Scan# 2380

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

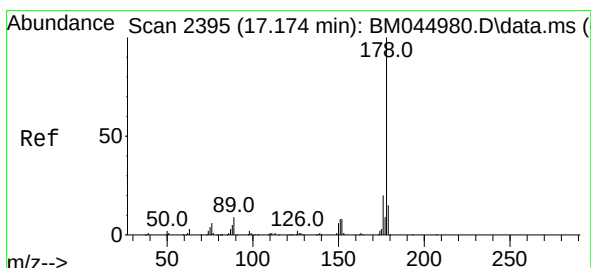
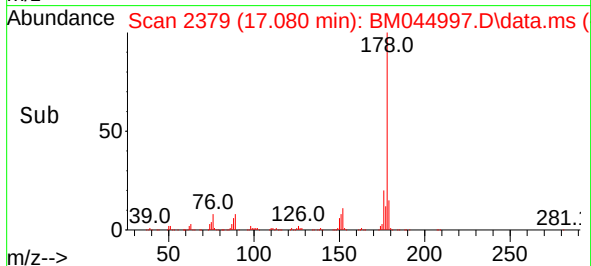
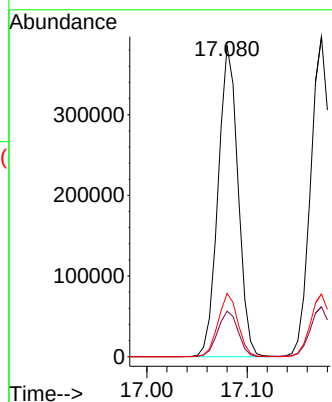
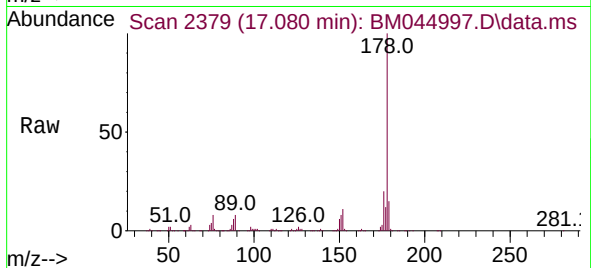
Tgt Ion:178 Resp: 531108

Ion Ratio Lower Upper

178 100

179 14.6 11.9 17.9

176 20.4 15.4 23.2



#74

Anthracene

Concen: 21.029 ng/ul

RT: 17.174 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

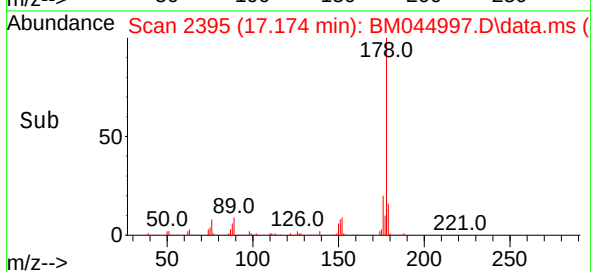
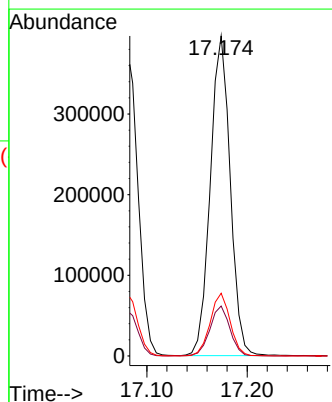
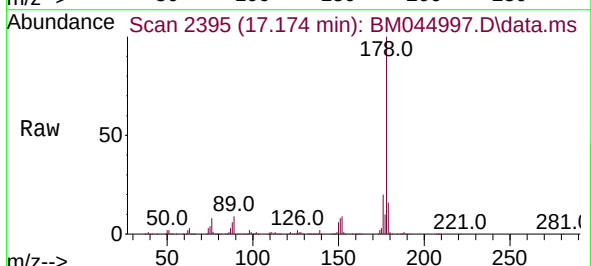
Tgt Ion:178 Resp: 547607

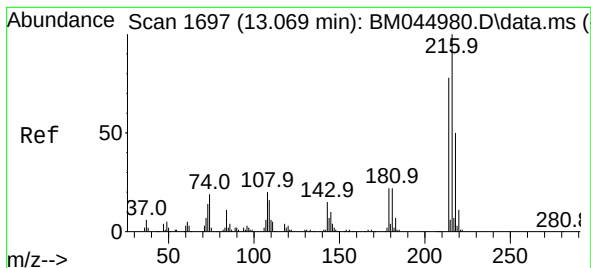
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.6 15.8 23.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.141 ng/uL

RT: 13.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

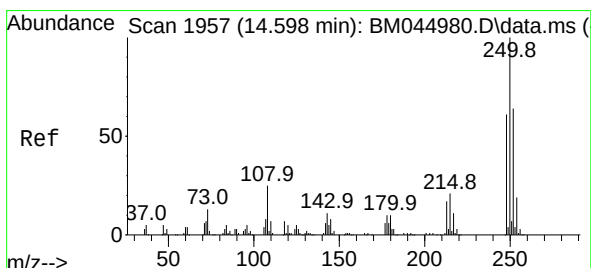
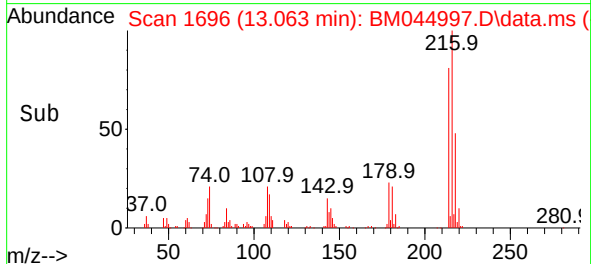
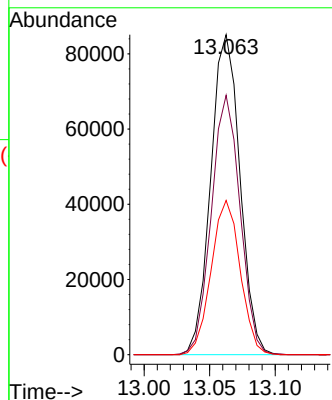
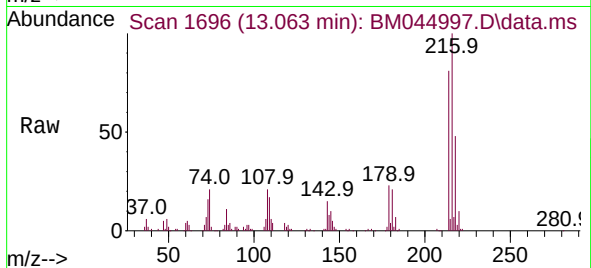
Tgt Ion:216 Resp: 132014

Ion Ratio Lower Upper

216 100

214 81.1 64.1 96.1

218 48.2 38.6 58.0



#76

Pentachlorobenzene

Concen: 22.023 ng/uL

RT: 14.592 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

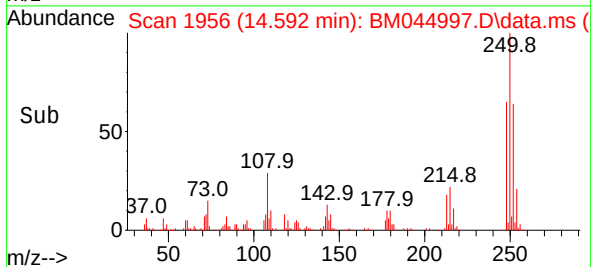
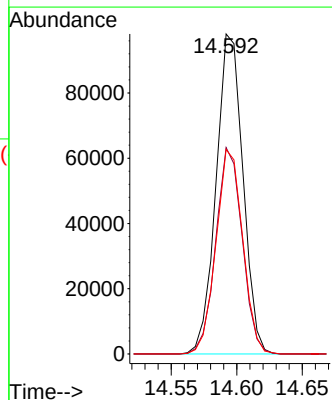
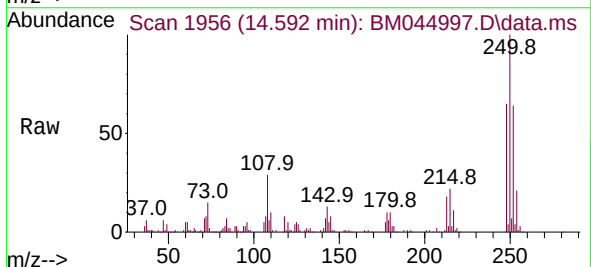
Tgt Ion:250 Resp: 139713

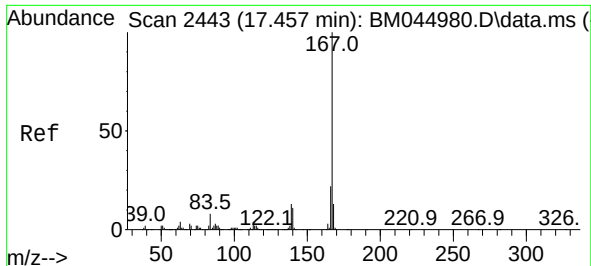
Ion Ratio Lower Upper

250 100

248 64.5 49.8 74.6

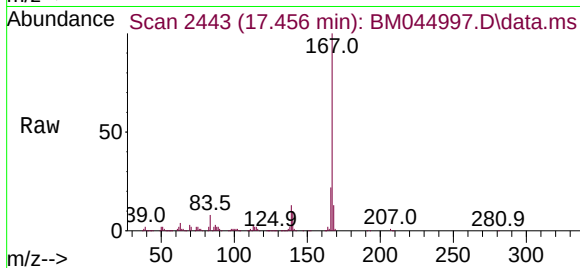
252 63.9 49.4 74.2



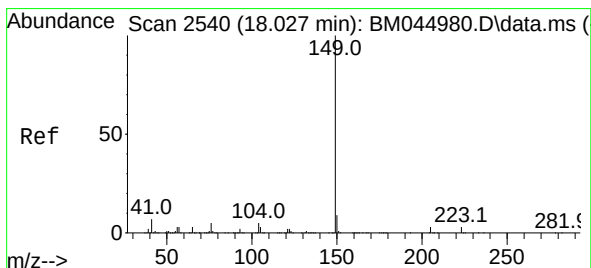
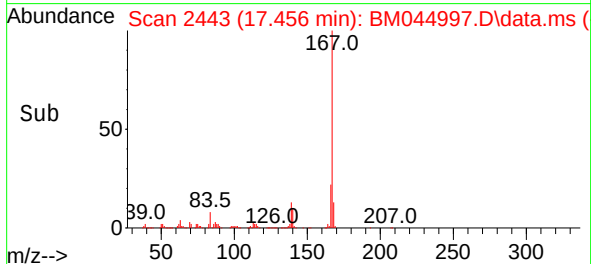
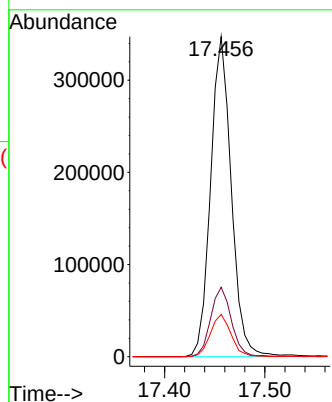


#77
 Carbazole
 Concen: 19.766 ng/ul
 RT: 17.456 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BM044997.D
 Acq: 07 Apr 2024 08:12

Instrument :
 BNA_M
 ClientSampleId :

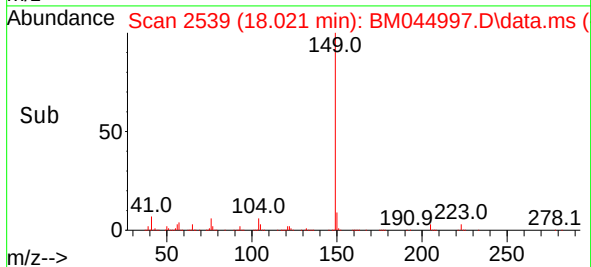
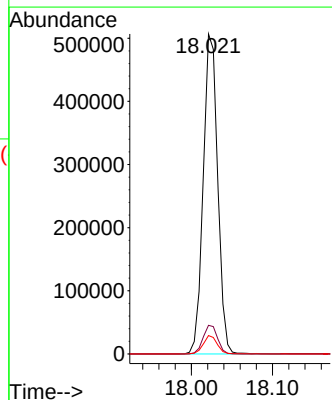
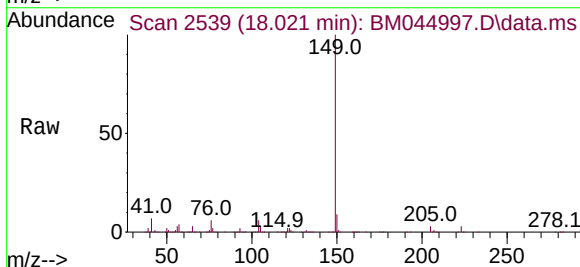


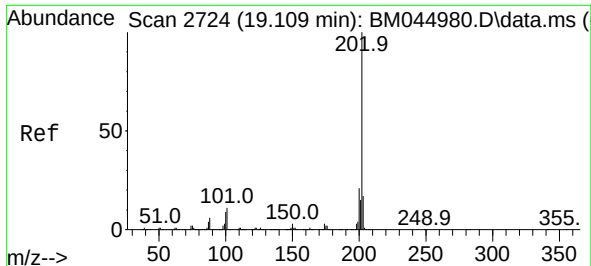
Tgt Ion:167 Resp: 496330
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.2 10.7 16.1



#78
 Di-n-butylphthalate
 Concen: 22.120 ng/ul
 RT: 18.021 min Scan# 2539
 Delta R.T. -0.006 min
 Lab File: BM044997.D
 Acq: 07 Apr 2024 08:12

Tgt Ion:149 Resp: 626389
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 5.8 4.3 6.5

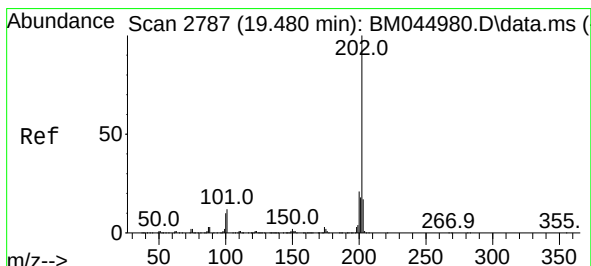
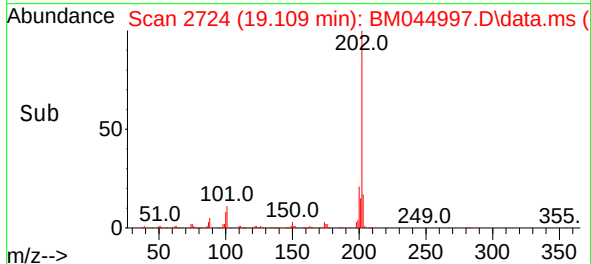
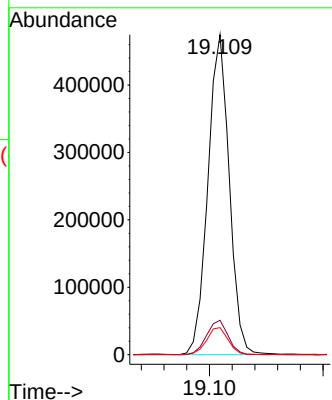
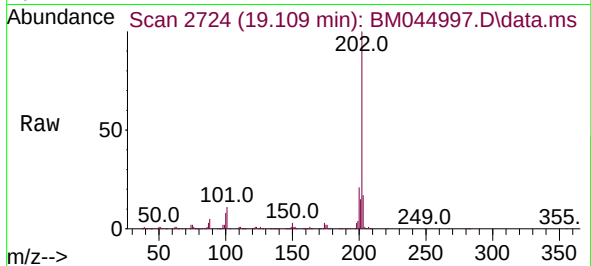




#80
Fluoranthene
Concen: 22.752 ng/ul
RT: 19.109 min Scan# 2724
Delta R.T. -0.000 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

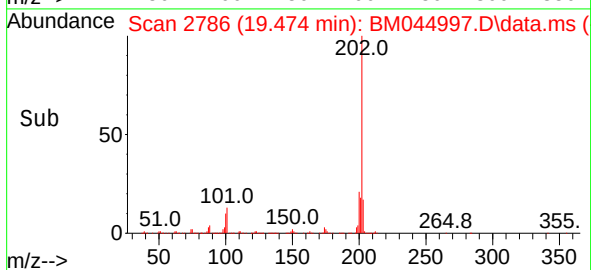
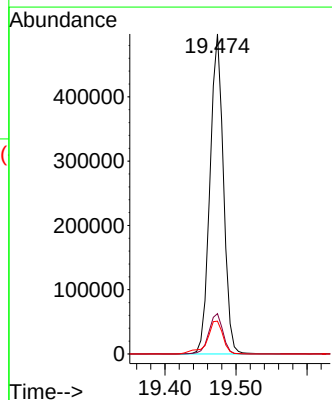
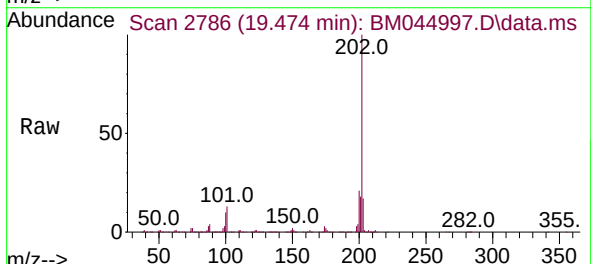
Instrument :
BNA_M
ClientSampleId :

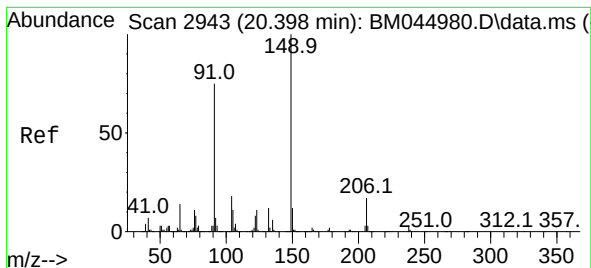
Tgt Ion:202 Resp: 618509
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
100 8.5 6.3 9.5



#82
Pyrene
Concen: 22.371 ng/ul
RT: 19.474 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BM044997.D
Acq: 07 Apr 2024 08:12

Tgt Ion:202 Resp: 656278
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.4
100 10.2 8.5 12.7





#83

Butylbenzylphthalate

Concen: 23.698 ng/ul

RT: 20.397 min Scan# 2943

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

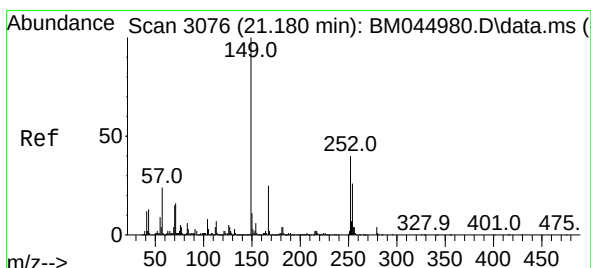
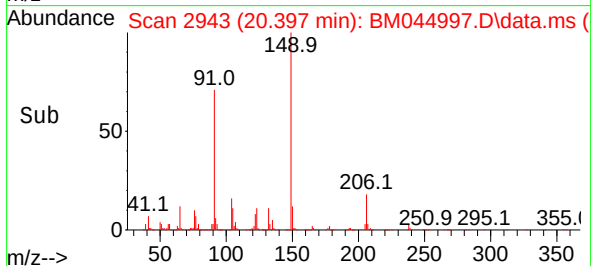
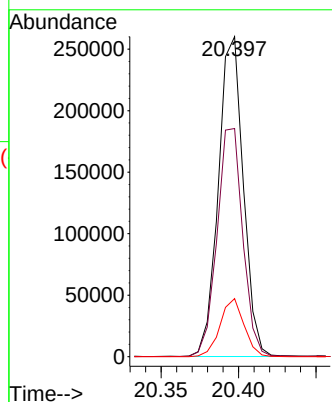
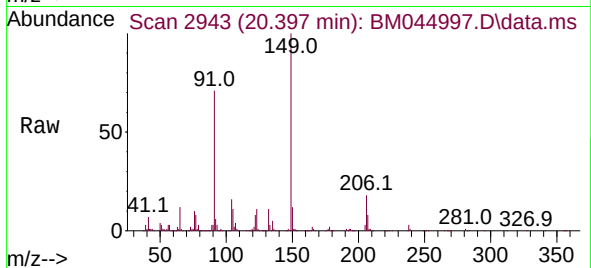
Tgt Ion:149 Resp: 291262

Ion Ratio Lower Upper

149 100

91 71.3 56.2 84.4

206 18.1 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 20.310 ng/ul

RT: 21.174 min Scan# 3075

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

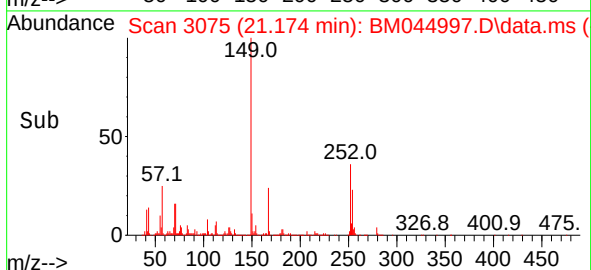
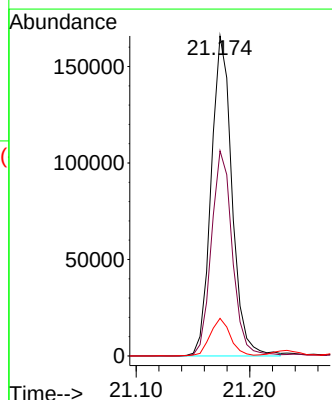
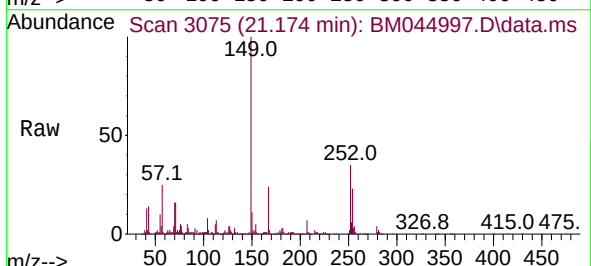
Tgt Ion:252 Resp: 211381

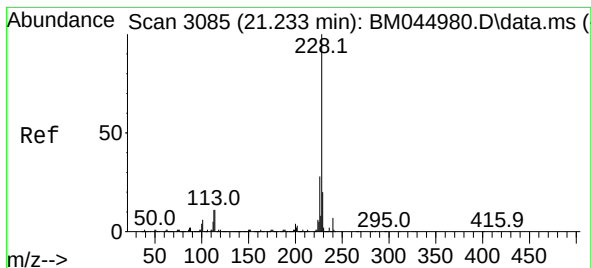
Ion Ratio Lower Upper

252 100

254 64.1 53.9 80.9

126 11.7 9.0 13.4





#85

Benzo(a)anthracene

Concen: 21.518 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

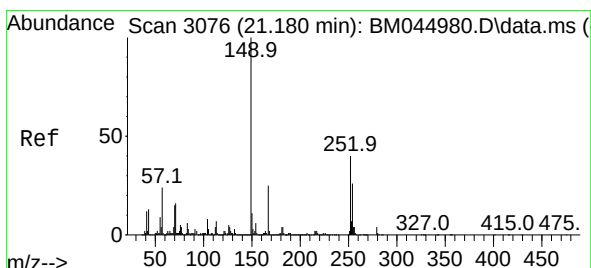
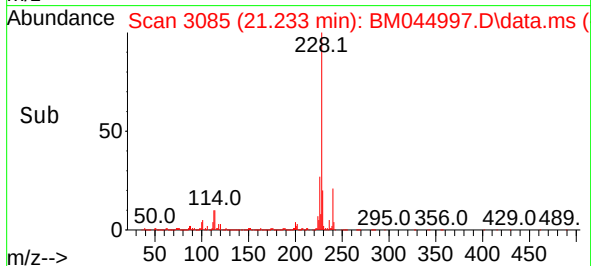
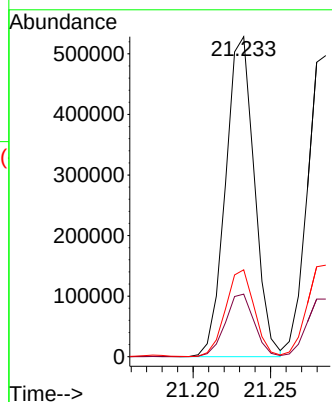
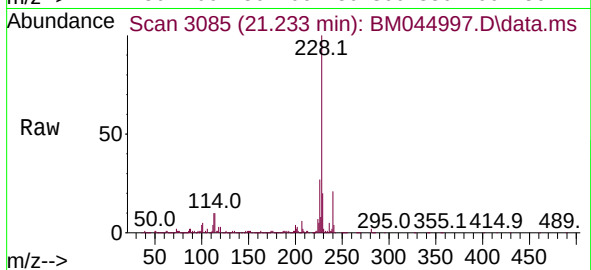
Tgt Ion:228 Resp: 683437

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 27.1 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.254 ng/ul

RT: 21.174 min Scan# 3075

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

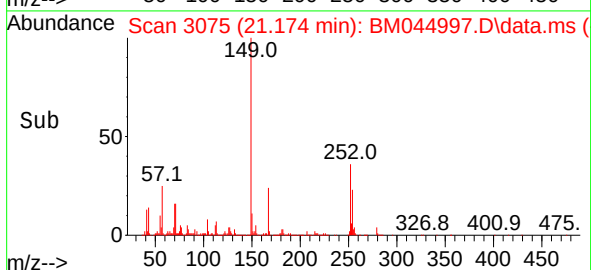
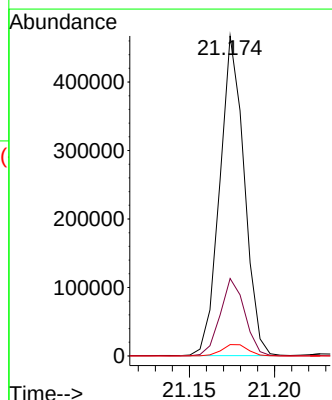
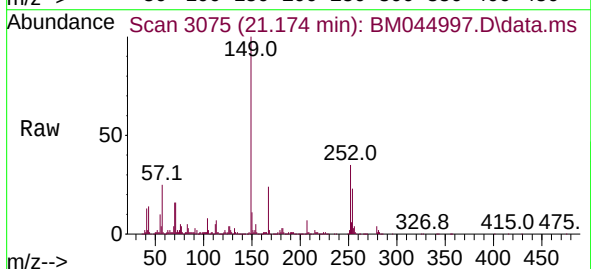
Tgt Ion:149 Resp: 465980

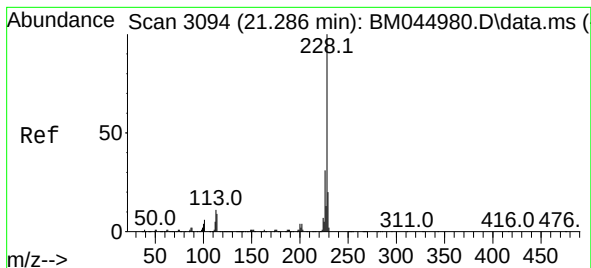
Ion Ratio Lower Upper

149 100

167 24.2 19.7 29.5

279 3.6 3.3 4.9





#87

Chrysene

Concen: 21.103 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.000 min

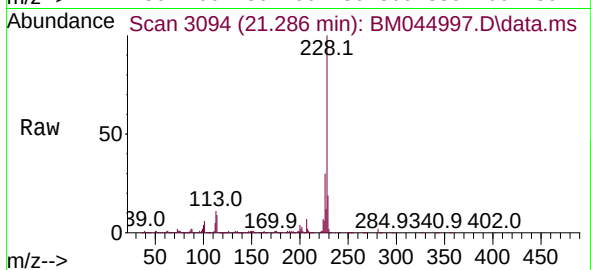
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

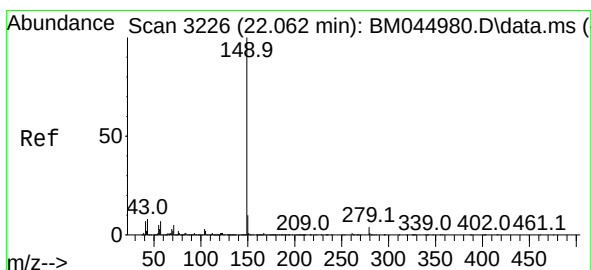
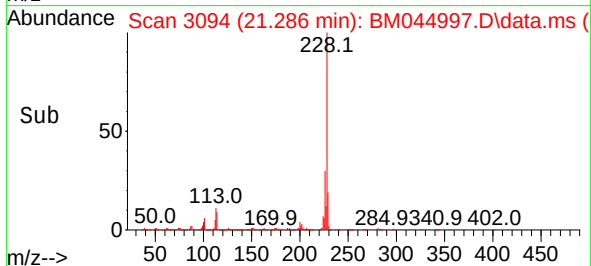
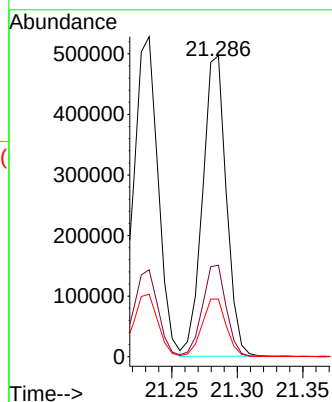
BNA_M

ClientSampleId :



Tgt Ion:228 Resp: 624825

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.2	15.7	23.5



#89

Di-n-octyl phthalate

Concen: 22.374 ng/ul

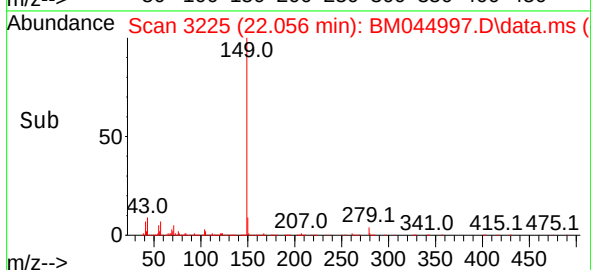
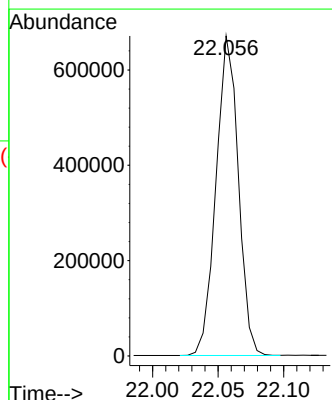
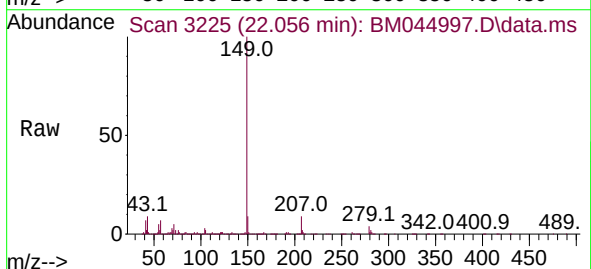
RT: 22.056 min Scan# 3225

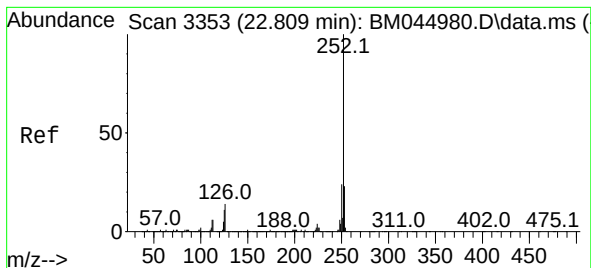
Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Tgt Ion:149 Resp: 791105





#90

Benzo(b)fluoranthene

Concen: 22.621 ng/ul

RT: 22.803 min Scan# 3353

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

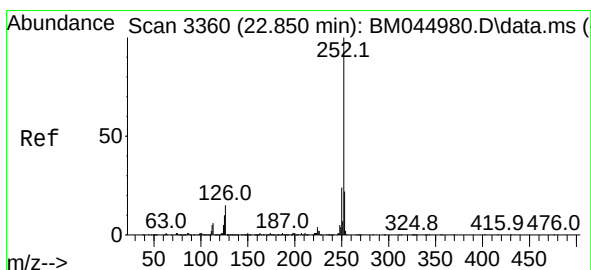
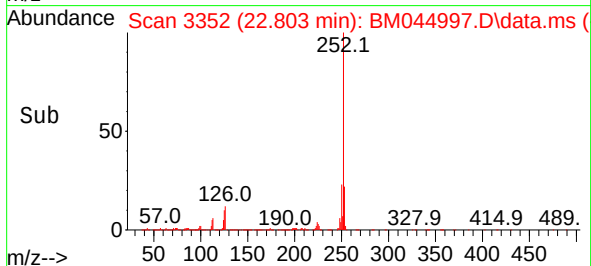
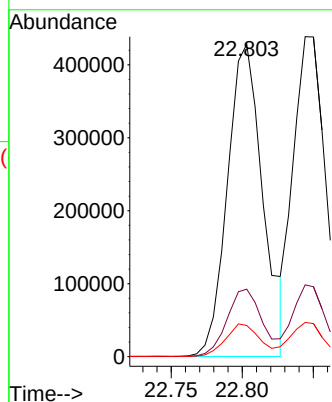
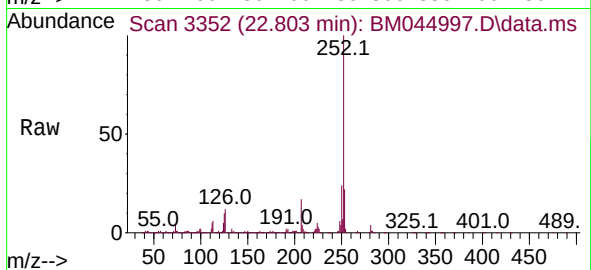
Tgt Ion:252 Resp: 740936

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 10.0 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 20.996 ng/ul

RT: 22.844 min Scan# 3359

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

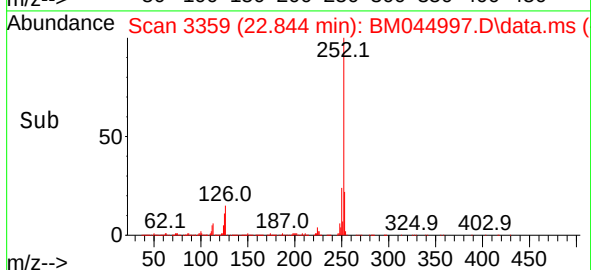
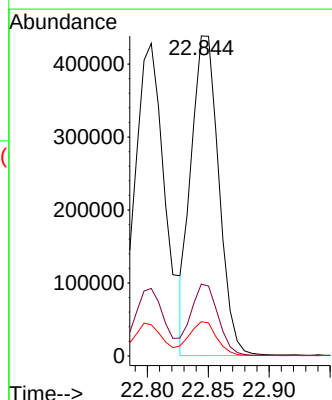
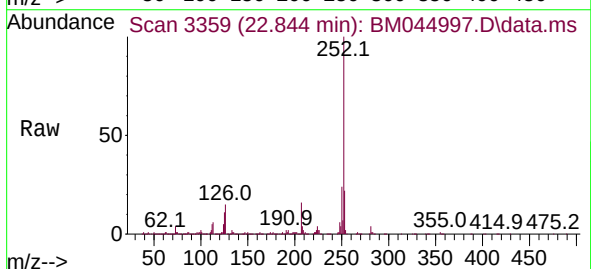
Tgt Ion:252 Resp: 692181

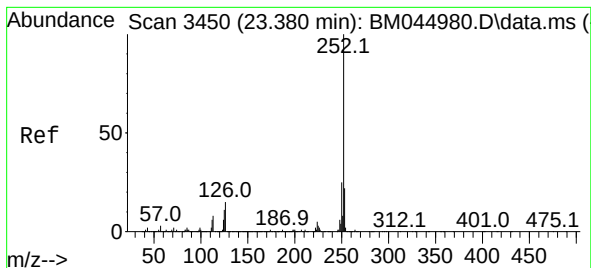
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 10.7 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.255 ng/ul

RT: 23.374 min Scan# 3449

Delta R.T. -0.006 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :

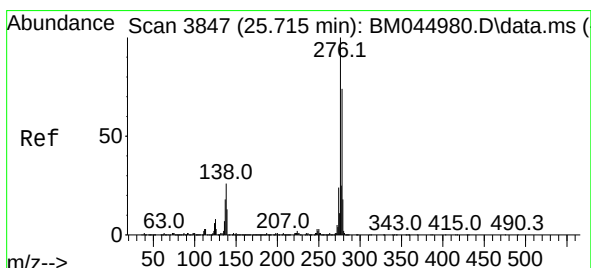
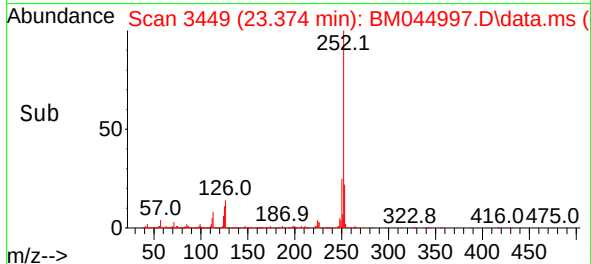
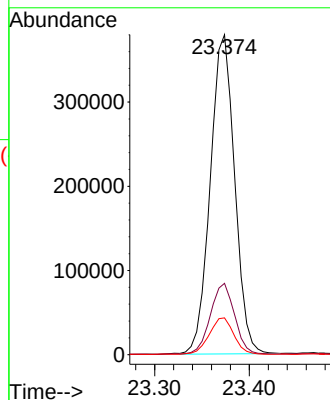
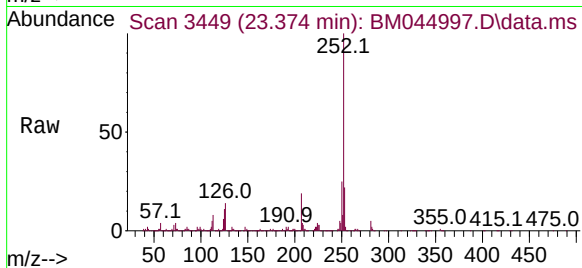
Tgt Ion:252 Resp: 677573

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.5 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.023 ng/ul

RT: 25.703 min Scan# 3845

Delta R.T. -0.012 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

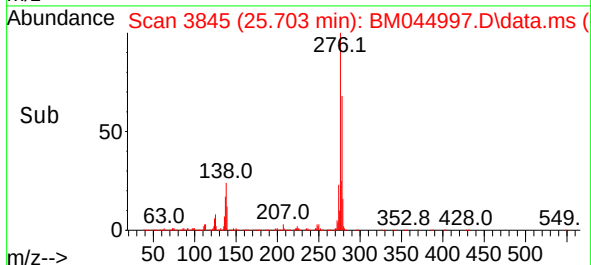
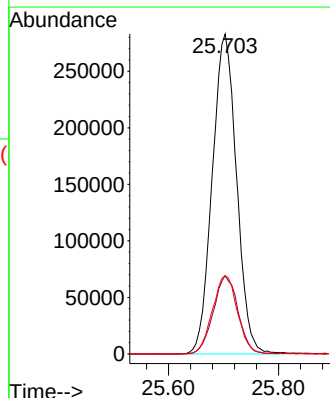
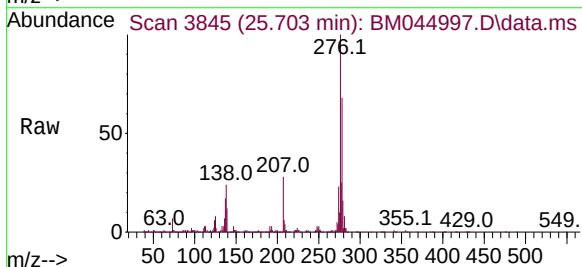
Tgt Ion:276 Resp: 868109

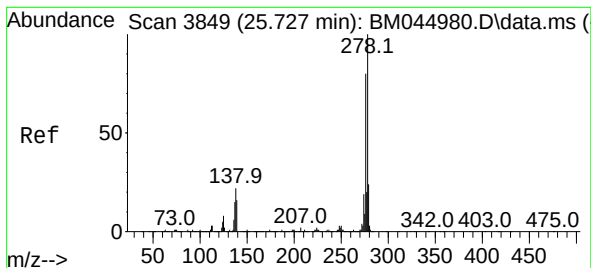
Ion Ratio Lower Upper

276 100

138 24.5 19.0 28.6

277 24.5 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 20.966 ng/ul

RT: 25.715 min Scan# 3847

Delta R.T. -0.012 min

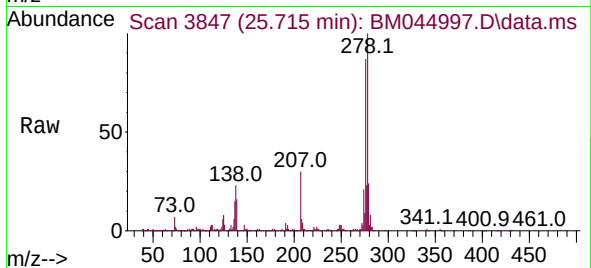
Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Instrument :

BNA_M

ClientSampleId :



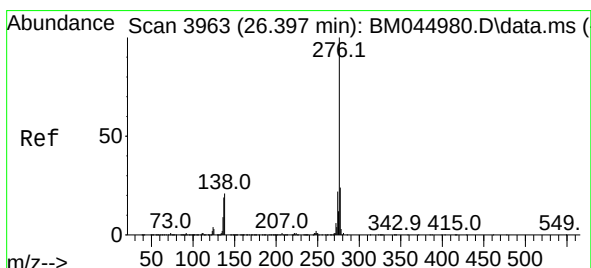
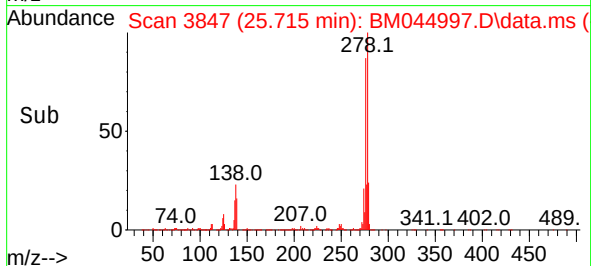
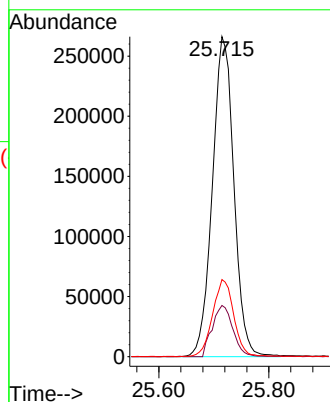
Tgt Ion:278 Resp: 723813

Ion Ratio Lower Upper

278 100

139 16.0 11.9 17.9

279 24.1 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 20.782 ng/ul

RT: 26.385 min Scan# 3961

Delta R.T. -0.012 min

Lab File: BM044997.D

Acq: 07 Apr 2024 08:12

Tgt Ion:276 Resp: 676988

Ion Ratio Lower Upper

276 100

138 21.5 17.8 26.6

277 24.0 18.7 28.1

