

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044980.D
 Acq On : 06 Apr 2024 21:27
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 08 01:54:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 01:45:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	83899	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	371330	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	242627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	507047	20.000	ng/ul	0.00
79) Chrysene-d12	21.250	240	503911	20.000	ng/ul	0.00
88) Perylene-d12	23.474	264	583277	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	18696	8.321	ng/uL	0.00
4) Pyridine-d5	3.610	84	133970	21.927	ng/ul	0.00
7) Phenol-d5	6.816	99	154936	21.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	93169	21.986	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	129532	23.246	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	125616	22.563	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	62572	21.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	70696	23.483	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	128463	23.273	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	182886	20.811	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	353016	20.897	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	428675	21.479	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	68868	19.533	ng/ul	0.00
60) Fluorene-d10	15.286	176	316801	21.035	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	59810	19.894	ng/ul	0.00
73) Anthracene-d10	17.139	188	492343	21.585	ng/ul	0.00
81) Pyrene-d10	19.445	212	571749	23.043	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.333	264	619117	21.759	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	20350	8.673	ng/uL	94
5) Pyridine	3.628	79	136147	21.030	ng/ul	97
6) Benzaldehyde	6.798	77	97626	29.609	ng/ul	98
8) Phenol	6.840	94	161188	21.885	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.081	93	126347	21.980	ng/ul	94
12) 2-Chlorophenol	7.198	128	131811	22.543	ng/ul	98
13) 2-Methylphenol	8.081	108	120389	22.144	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.151	45	72078	10.513	ng/ul	99
16) Acetophenone	8.463	105	198703	21.953	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.445	70	99254	23.225	ng/ul#	95
18) 4-Methylphenol	8.410	108	134005	22.869	ng/ul	95
19) Hexachloroethane	8.687	117	59367	23.085	ng/ul	98
22) Nitrobenzene	8.839	77	155392	22.205	ng/ul	96
23) Isophorone	9.357	82	282790	21.995	ng/ul	99
25) 2-Nitrophenol	9.539	139	76356	22.851	ng/ul#	89
26) 2,4-Dimethylphenol	9.598	107	143637	22.296	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.845	93	167540	21.981	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	126140	22.619	ng/ul	96
30) Naphthalene	10.457	128	423787	21.559	ng/ul	99
32) 4-Chloroaniline	10.586	127	178741	20.903	ng/ul	99
33) Hexachlorobutadiene	10.722	225	72283	20.847	ng/ul	91
34) Caprolactam	11.386	113	28807	15.301	ng/ul	95
35) 4-Chloro-3-methylphenol	11.716	107	130161	23.479	ng/ul	96
36) 2-Methylnaphthalene	12.080	142	278111	21.669	ng/ul	100

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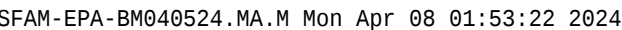
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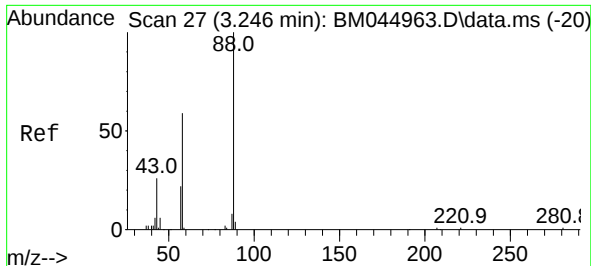
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 01:45:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	289870	22.318	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.451	216	140172	21.125	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	73277	18.243	ng/ul	95
41) 2,4,6-Trichlorophenol	12.704	196	96715	22.344	ng/ul	96
42) 2,4,5-Trichlorophenol	12.780	196	106763	22.386	ng/ul	95
43) 1,1'-Biphenyl	13.110	154	366483	21.390	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	294947	21.189	ng/ul	99
45) 2-Nitroaniline	13.374	65	87465	22.763	ng/ul	94
47) Dimethylphthalate	13.757	163	365313	20.689	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	75027	21.678	ng/ul	94
50) Acenaphthylene	14.004	152	499201	21.417	ng/ul	99
51) 3-Nitroaniline	14.216	138	79279	21.000	ng/ul	91
52) Acenaphthene	14.345	153	328305	21.108	ng/ul	99
53) 2,4-Dinitrophenol	14.433	184	38162	18.547	ng/ul	95
55) 4-Nitrophenol	14.527	109	60666	19.565	ng/ul	89
56) Dibenzofuran	14.686	168	443642	20.844	ng/ul	98
57) 2,4-Dinitrotoluene	14.680	165	111425	21.508	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	89090	21.826	ng/ul	99
59) Diethylphthalate	15.127	149	379191	21.050	ng/ul	99
61) Fluorene	15.339	166	372908	20.788	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	173312	20.612	ng/ul	97
63) 4-Nitroaniline	15.386	138	68946	20.088	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.439	198	64920	20.164	ng/ul	95
67) N-Nitrosodiphenylamine	15.563	169	302260	22.098	ng/ul	98
68) 4-Bromophenyl-phenylether	16.239	248	108422	21.955	ng/ul	97
69) Hexachlorobenzene	16.339	284	138860	21.617	ng/ul	99
70) Atrazine	16.527	200	102840	20.440	ng/ul	100
71) Pentachlorophenol	16.692	266	81214	20.813	ng/ul	95
72) Phenanthrene	17.086	178	580873	21.288	ng/ul	100
74) Anthracene	17.174	178	597971	21.424	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	141943	22.211	ng/uL	98
76) Pentachlorobenzene	14.598	250	150876	22.189	ng/uL	98
77) Carbazole	17.457	167	544418	20.228	ng/ul	99
78) Di-n-butylphthalate	18.027	149	689292	22.710	ng/ul	100
80) Fluoranthene	19.109	202	682624	23.325	ng/ul	98
82) Pyrene	19.480	202	726092	22.991	ng/ul	98
83) Butylbenzylphthalate	20.398	149	326009	24.639	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	250556	22.362	ng/ul	97
85) Benzo(a)anthracene	21.233	228	738557	21.601	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	520269	25.155	ng/ul	100
87) Chrysene	21.286	228	671866	21.079	ng/ul	100
89) Di-n-octyl phthalate	22.062	149	895601	24.404	ng/ul	100
90) Benzo(b)fluoranthene	22.809	252	772050	22.710	ng/ul	99
91) Benzo(k)fluoranthene	22.850	252	726003	21.217	ng/ul	99
93) Benzo(a)pyrene	23.380	252	716205	21.647	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.715	276	896468	20.917	ng/ul	97
95) Dibenzo(a,h)anthracene	25.727	278	753606	21.032	ng/ul	98
96) Benzo(g,h,i)perylene	26.397	276	708812	20.964	ng/ul	99

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

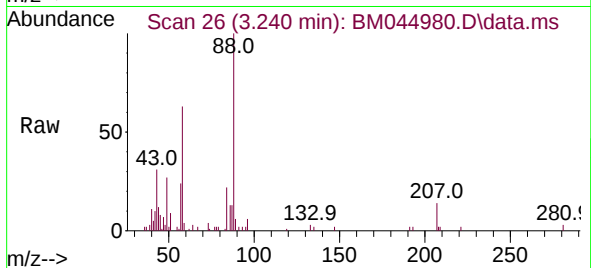
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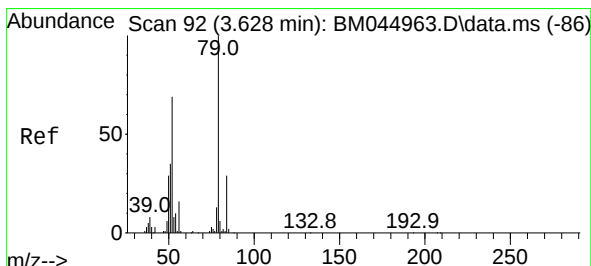
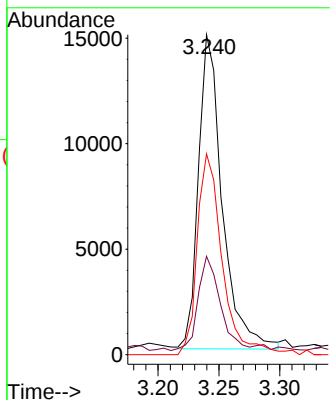
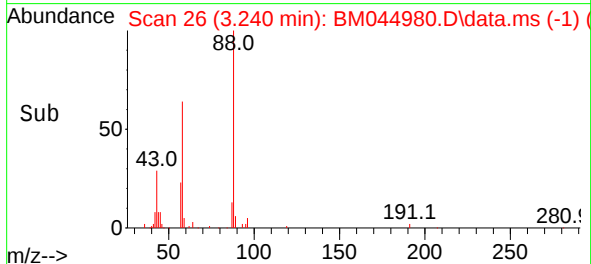


#2
1,4-Dioxane
Concen: 8.673 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Instrument :
BNA_M
ClientSampleId :

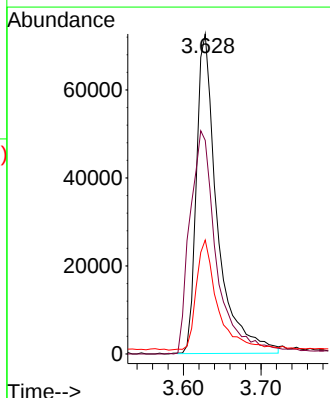
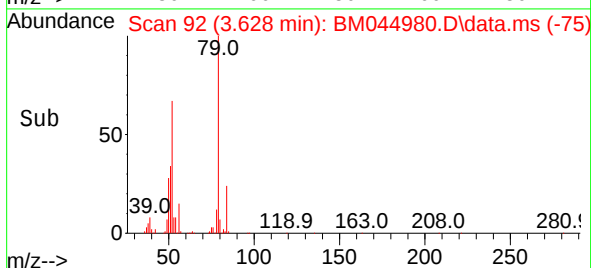
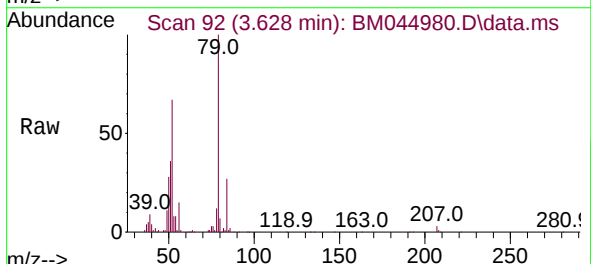


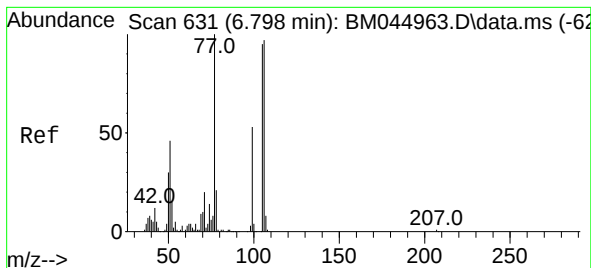
Tgt Ion: 88 Resp: 20350
Ion Ratio Lower Upper
88 100
43 30.7 24.0 36.0
58 62.8 45.4 68.2



#5
Pyridine
Concen: 21.030 ng/uL
RT: 3.628 min Scan# 92
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion: 79 Resp: 136147
Ion Ratio Lower Upper
79 100
52 66.8 56.0 84.0
51 35.6 27.6 41.4





#6

Benzaldehyde

Concen: 29.609 ng/ul

RT: 6.798 min Scan# 631

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

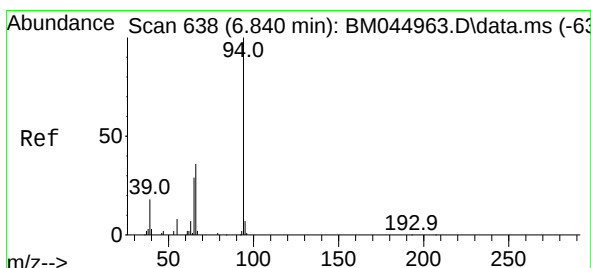
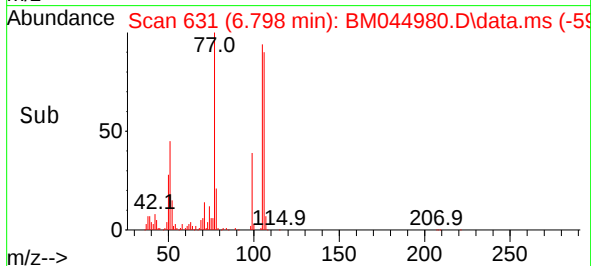
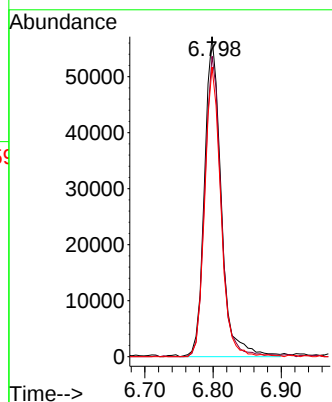
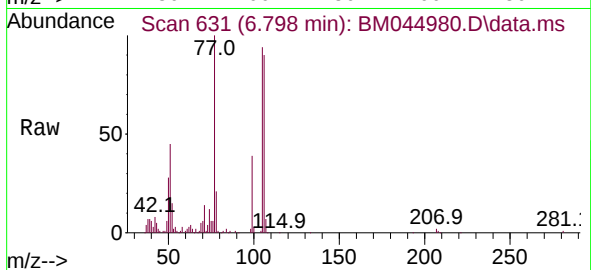
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 97626

Ion	Ratio	Lower	Upper
77	100		
105	93.9	75.8	113.6
106	90.5	74.6	112.0



#8

Phenol

Concen: 21.885 ng/ul

RT: 6.840 min Scan# 638

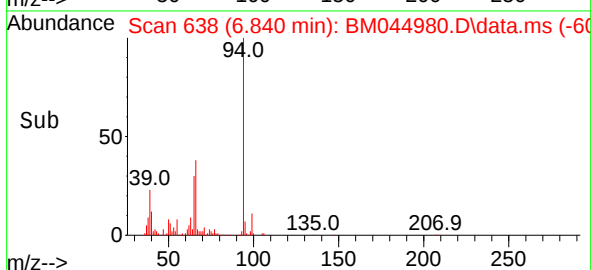
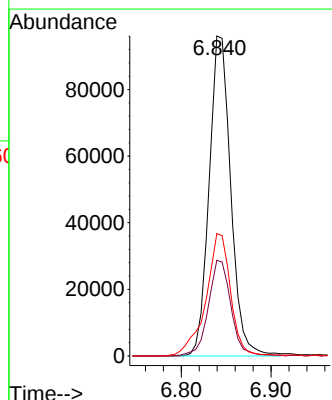
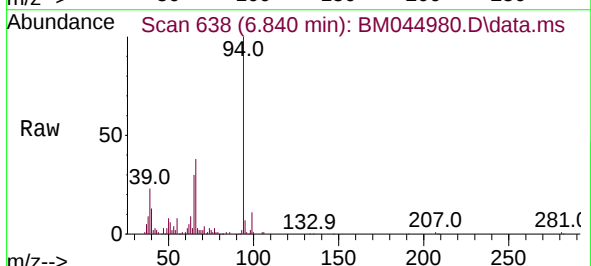
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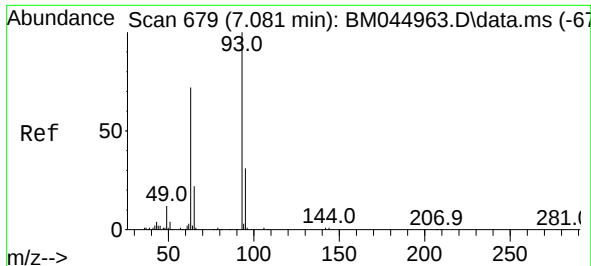
Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Tgt Ion: 94 Resp: 161188

Ion	Ratio	Lower	Upper
94	100		
65	29.9	21.7	32.5
66	38.3	31.9	47.9





#10

Bis(2-Chloroethyl)ether

Concen: 21.980 ng/ul

RT: 7.081 min Scan# 679

Delta R.T. -0.000 min

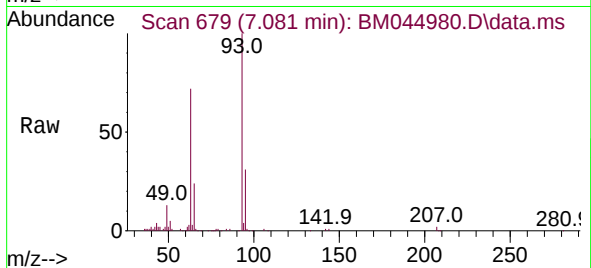
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Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :



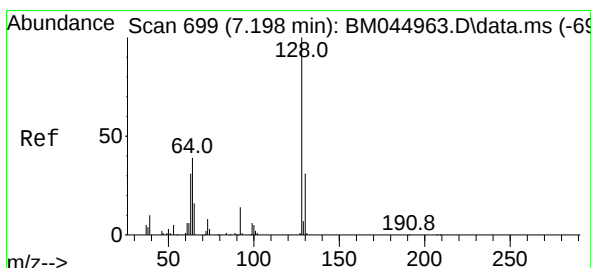
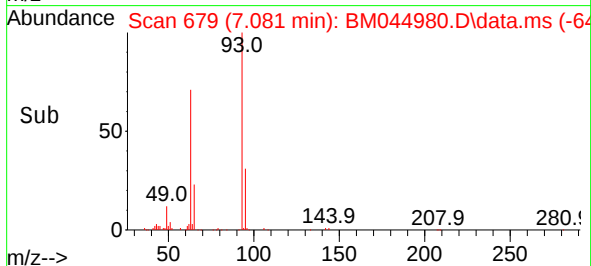
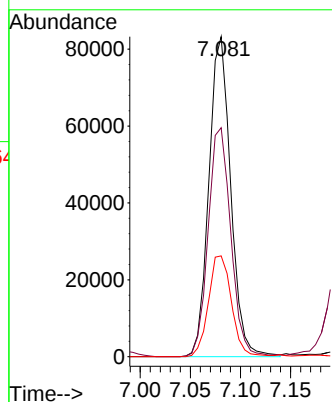
Tgt Ion: 93 Resp: 126347

Ion Ratio Lower Upper

93 100

63 71.5 61.3 91.9

95 31.5 27.6 41.4



#12

2-Chlorophenol

Concen: 22.543 ng/ul

RT: 7.198 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

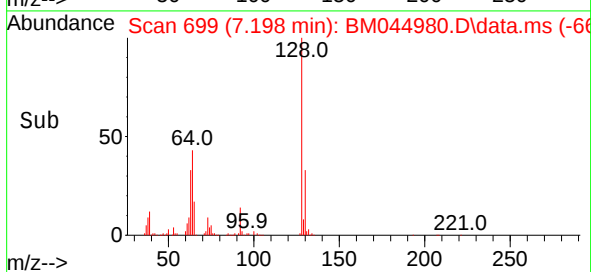
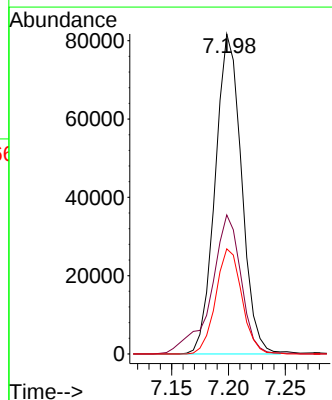
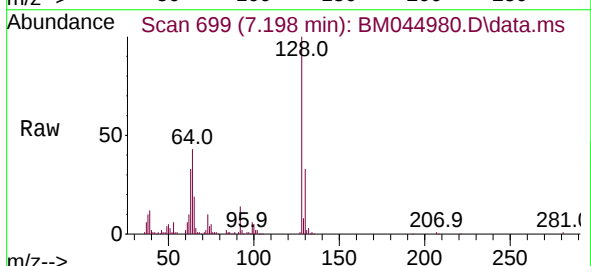
Tgt Ion: 128 Resp: 131811

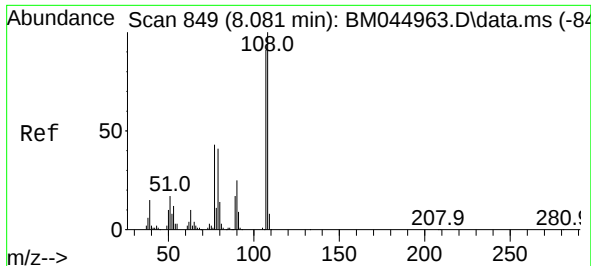
Ion Ratio Lower Upper

128 100

64 43.4 33.3 49.9

130 32.8 26.2 39.4





#13

2-Methylphenol

Concen: 22.144 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

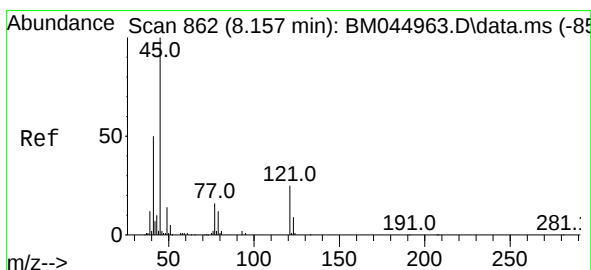
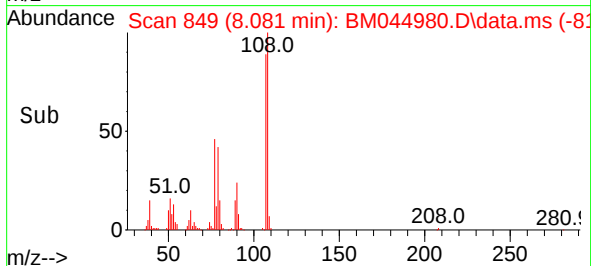
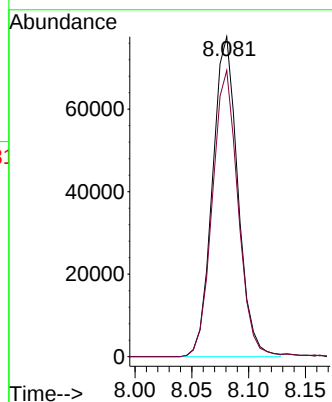
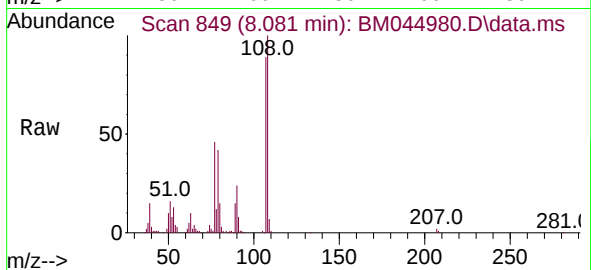
ClientSampleId :

Tgt Ion:108 Resp: 120389

Ion Ratio Lower Upper

108 100

107 89.4 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.513 ng/ul

RT: 8.151 min Scan# 861

Delta R.T. -0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

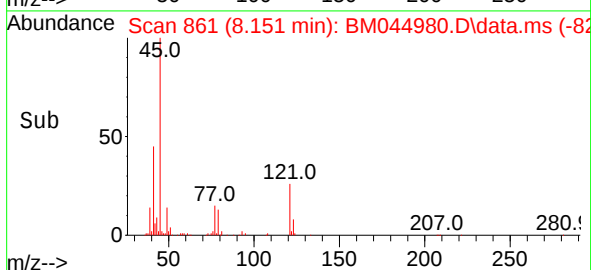
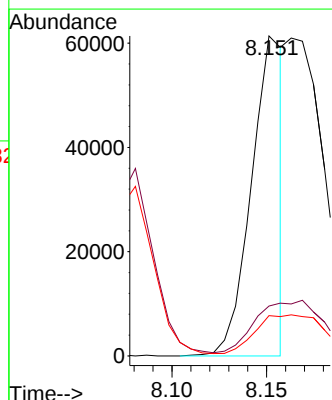
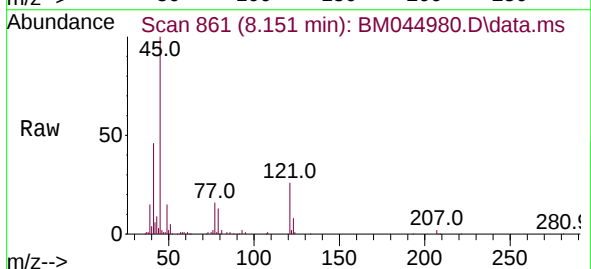
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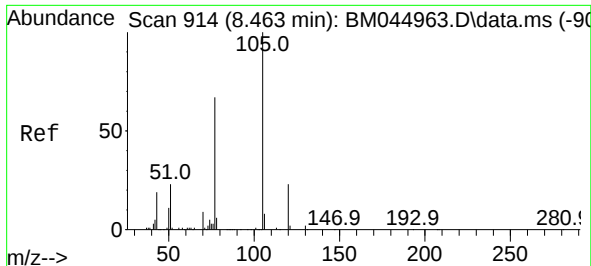
Ion Ratio Lower Upper

45 100

77 15.6 13.4 20.0

79 12.6 10.1 15.1

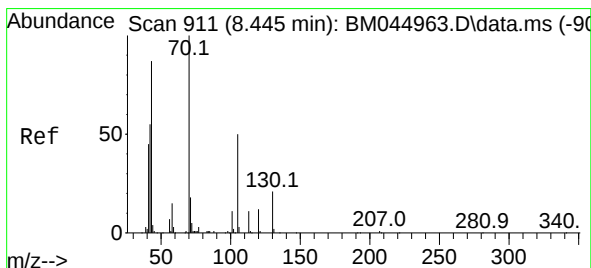
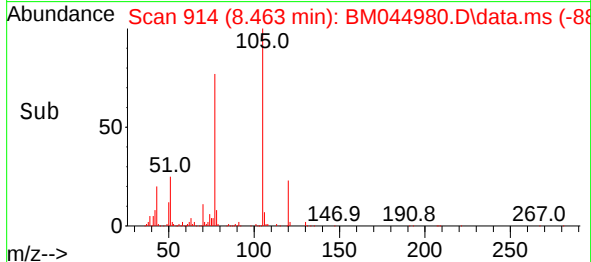
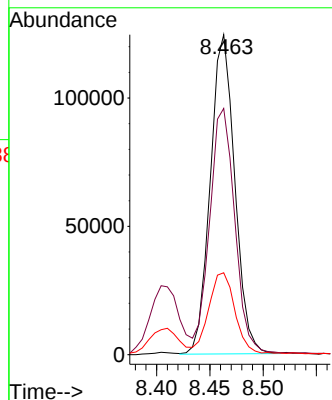
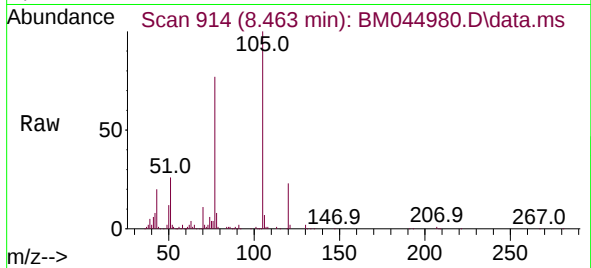




#16
Acetophenone
Concen: 21.953 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

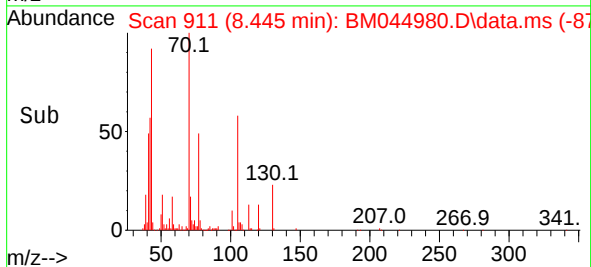
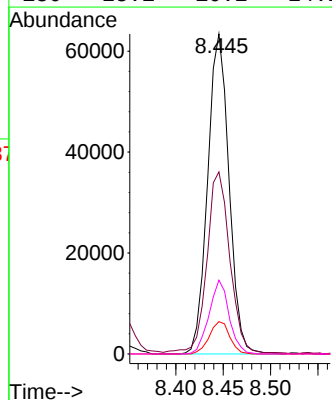
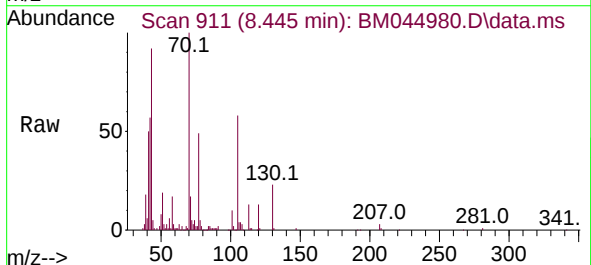
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BNA_M
ClientSampleId :

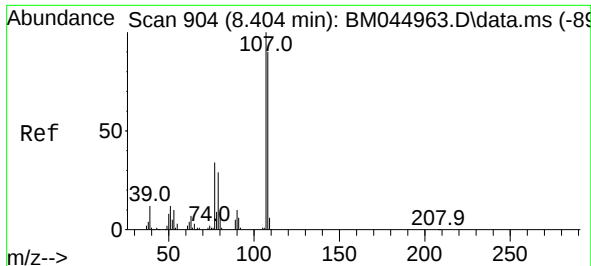
Tgt Ion:105 Resp: 198703
Ion Ratio Lower Upper
105 100
77 77.0 65.8 98.6
51 25.6 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 23.225 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion: 70 Resp: 99254
Ion Ratio Lower Upper
70 100
42 56.9 43.2 64.8
101 10.1 6.4 9.6#
130 23.1 16.2 24.2





#18

4-Methylphenol

Concen: 22.869 ng/ul

RT: 8.410 min Scan# 904

Delta R.T. 0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

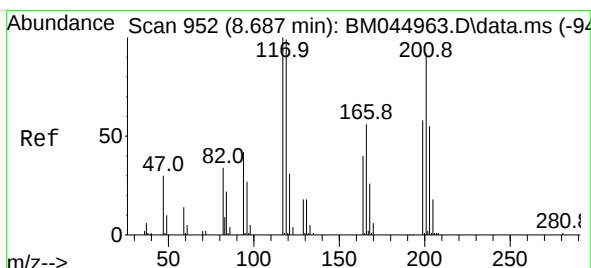
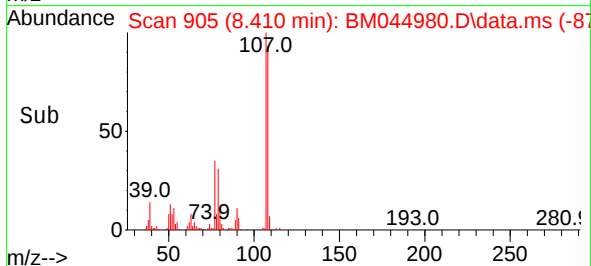
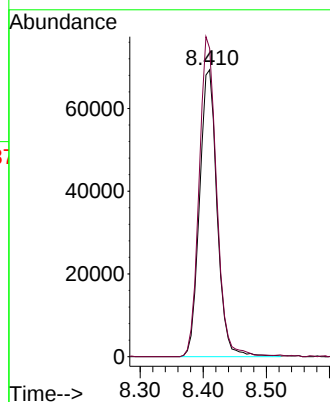
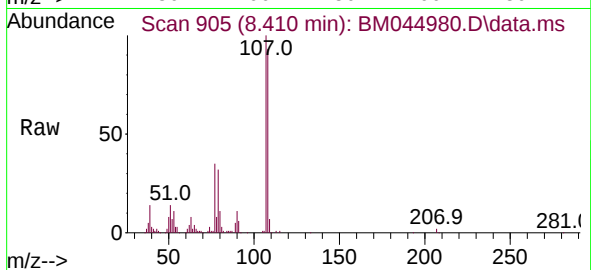
ClientSampleId :

Tgt Ion:108 Resp: 134005

Ion Ratio Lower Upper

108 100

107 107.5 90.0 135.0



#19

Hexachloroethane

Concen: 23.085 ng/ul

RT: 8.687 min Scan# 952

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

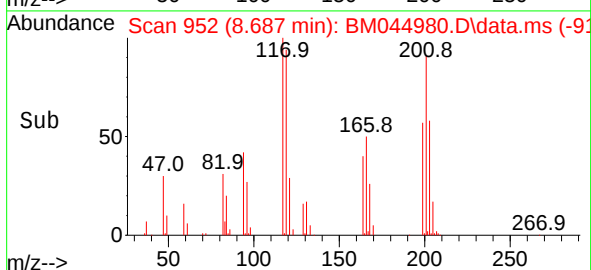
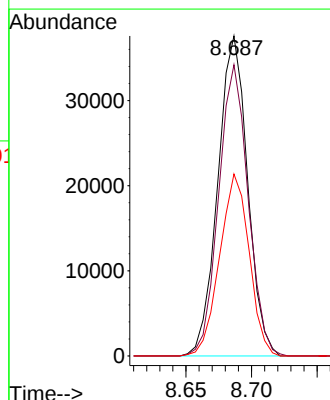
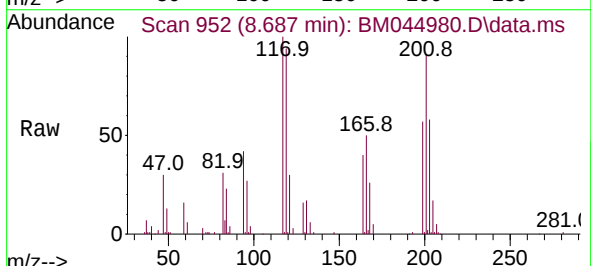
Tgt Ion:117 Resp: 59367

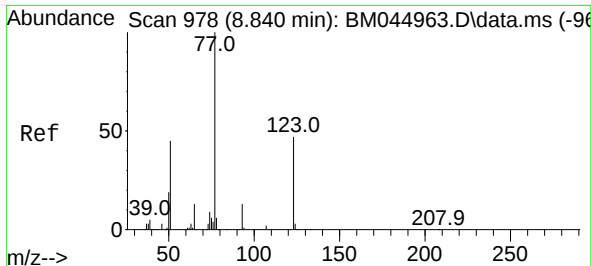
Ion Ratio Lower Upper

117 100

201 93.2 73.0 109.4

199 56.9 44.4 66.6

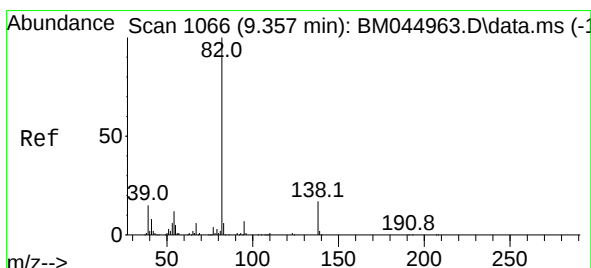
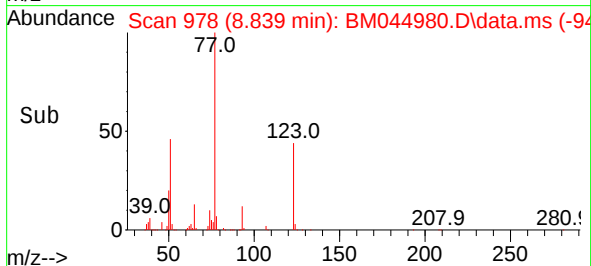
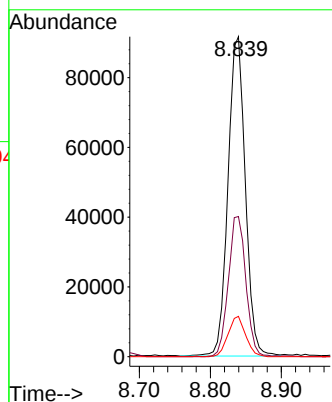
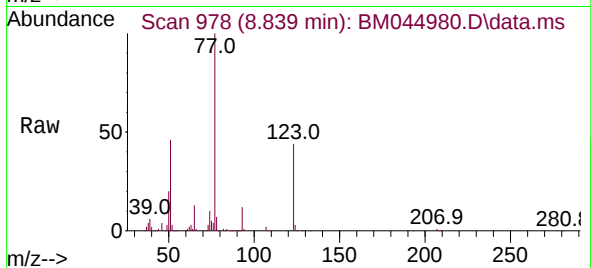




#22
Nitrobenzene
Concen: 22.205 ng/ul
RT: 8.839 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

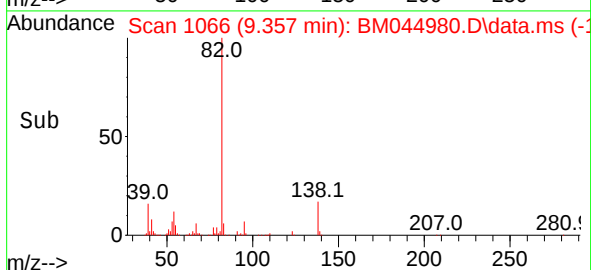
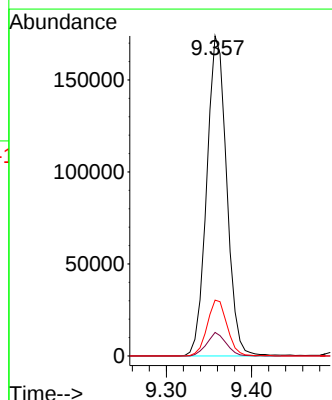
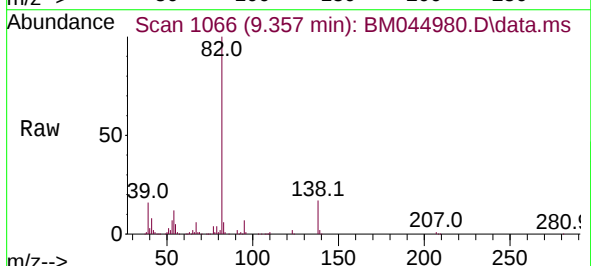
Instrument :
BNA_M
ClientSampleId :

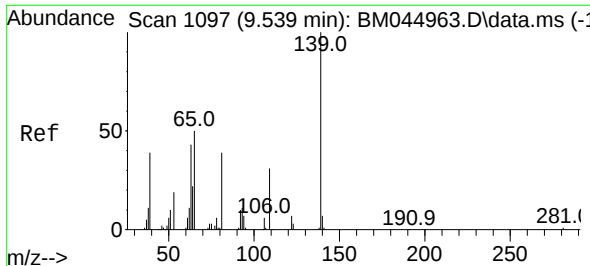
Tgt Ion: 77 Resp: 155392
Ion Ratio Lower Upper
77 100
123 43.8 37.4 56.2
65 12.6 10.7 16.1



#23
Isophorone
Concen: 21.995 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion: 82 Resp: 282790
Ion Ratio Lower Upper
82 100
95 7.3 5.1 7.7
138 17.5 14.2 21.4

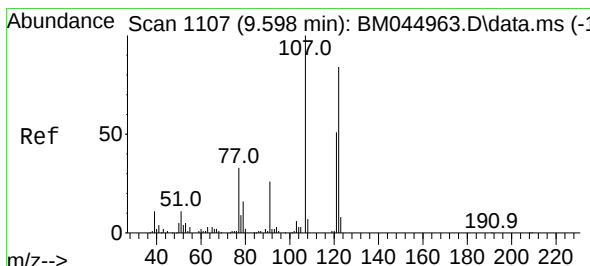
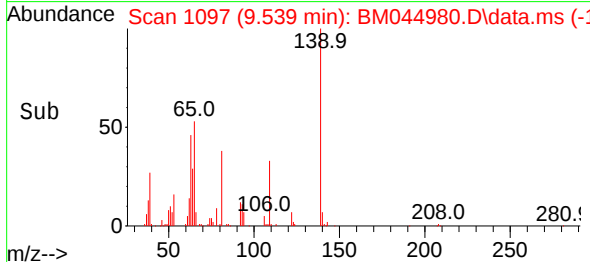
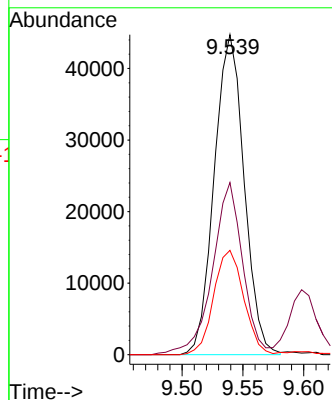
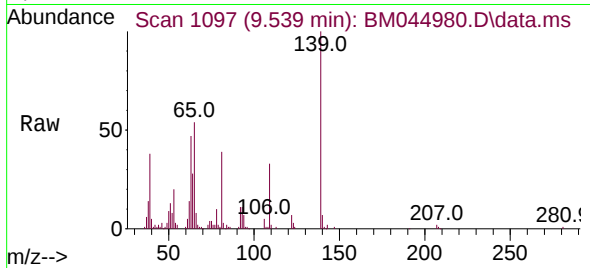




#25
2-Nitrophenol
Concen: 22.851 ng/ul
RT: 9.539 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

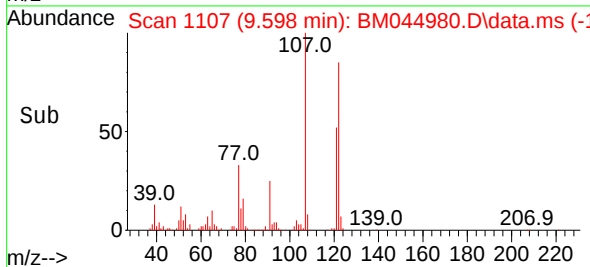
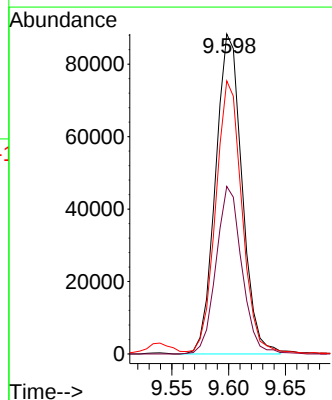
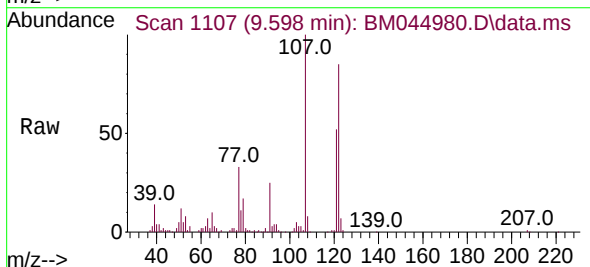
Instrument :
BNA_M
ClientSampleId :

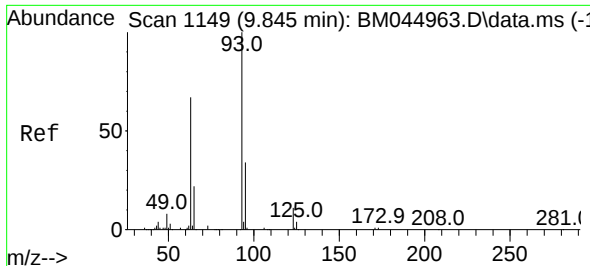
Tgt Ion:139 Resp: 76356
Ion Ratio Lower Upper
139 100
65 53.8 34.9 52.3#
109 32.6 24.4 36.6



#26
2,4-Dimethylphenol
Concen: 22.296 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion:107 Resp: 143637
Ion Ratio Lower Upper
107 100
121 52.3 41.1 61.7
122 85.4 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 21.981 ng/ul

RT: 9.845 min Scan# 1149

Delta R.T. -0.000 min

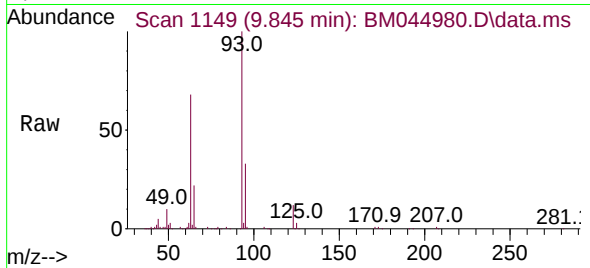
Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :



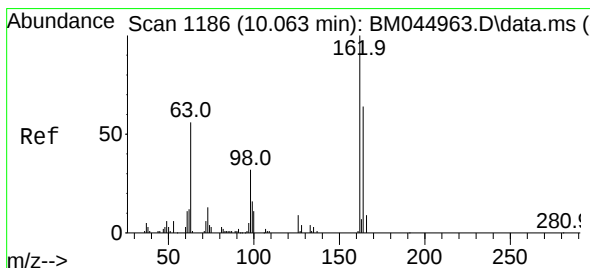
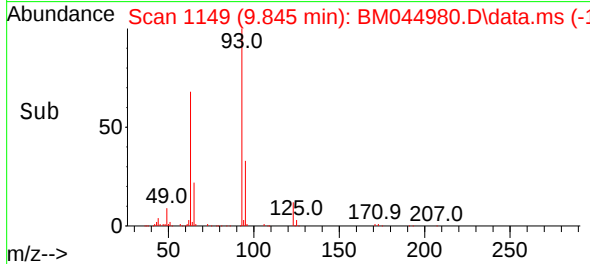
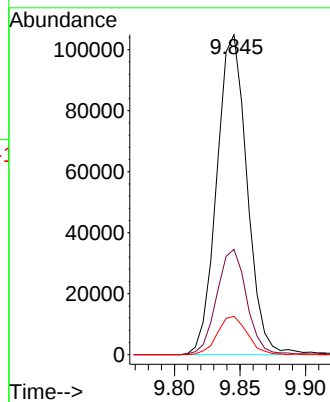
Tgt Ion: 93 Resp: 167540

Ion Ratio Lower Upper

93 100

95 32.9 26.9 40.3

123 12.0 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 22.619 ng/ul

RT: 10.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

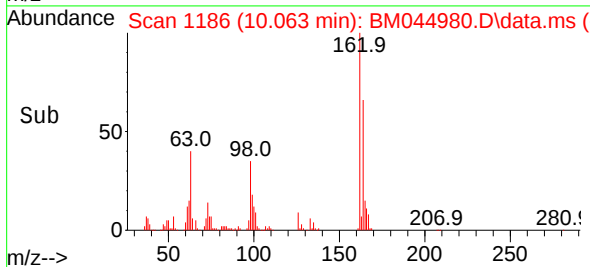
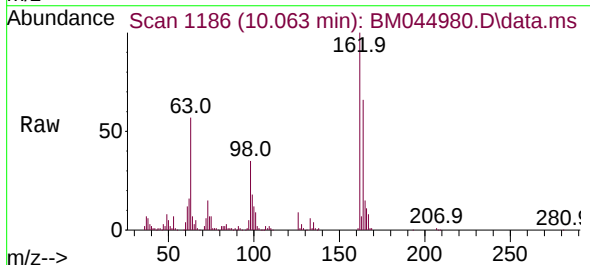
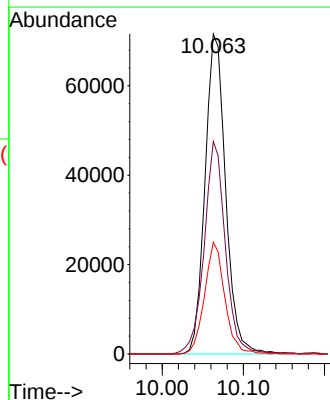
Tgt Ion:162 Resp: 126140

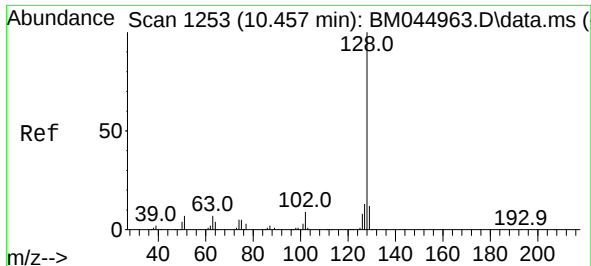
Ion Ratio Lower Upper

162 100

164 66.4 50.4 75.6

98 34.9 27.0 40.4





#30

Naphthalene

Concen: 21.559 ng/ul

RT: 10.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

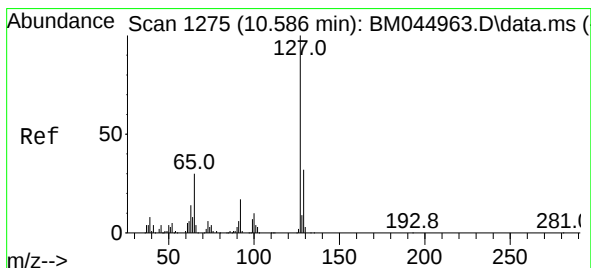
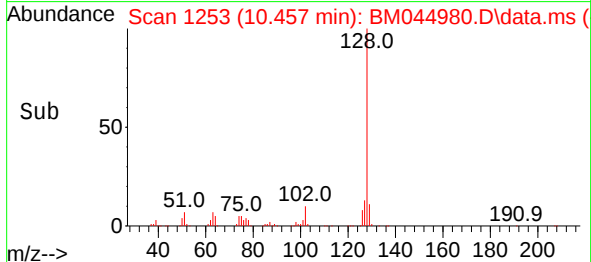
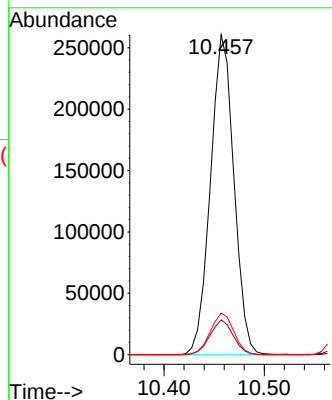
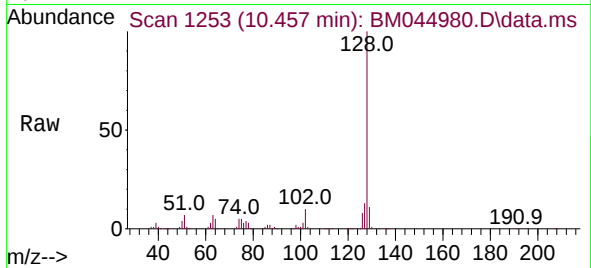
Tgt Ion:128 Resp: 423787

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.0 10.2 15.4



#32

4-Chloroaniline

Concen: 20.903 ng/ul

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM044980.D

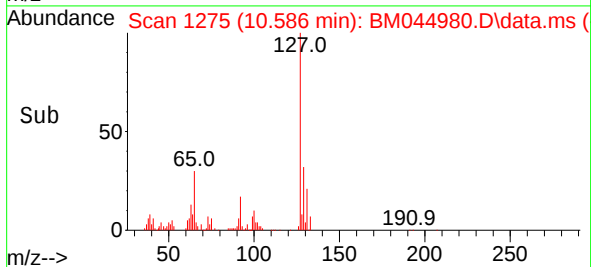
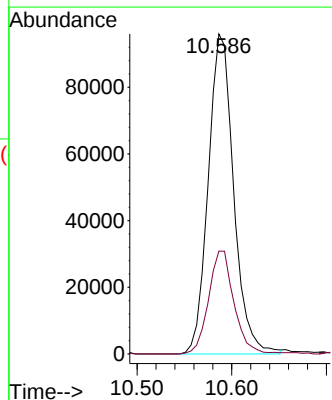
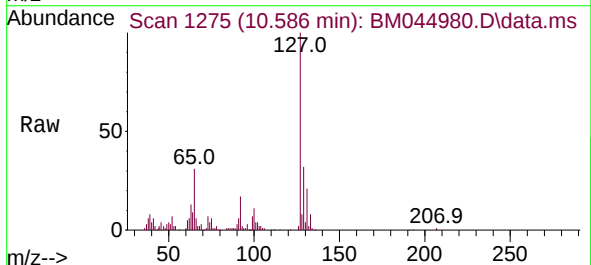
Acq: 06 Apr 2024 21:27

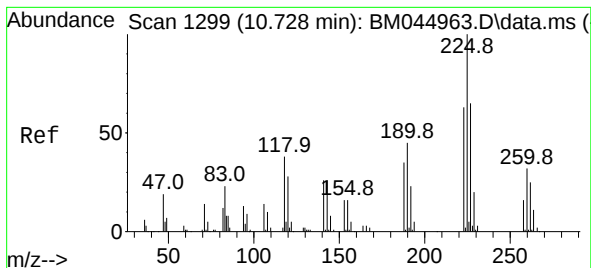
Tgt Ion:127 Resp: 178741

Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.2





#33

Hexachlorobutadiene

Concen: 20.847 ng/ul

RT: 10.722 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

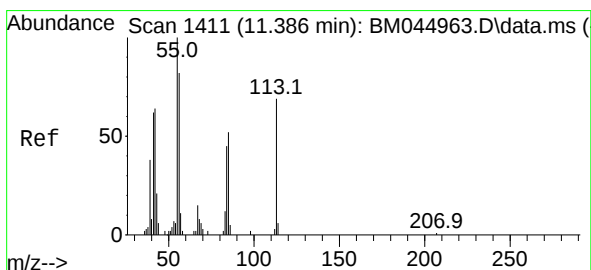
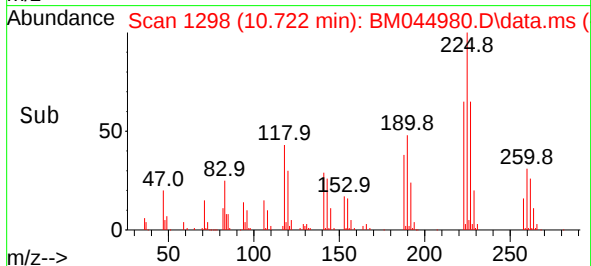
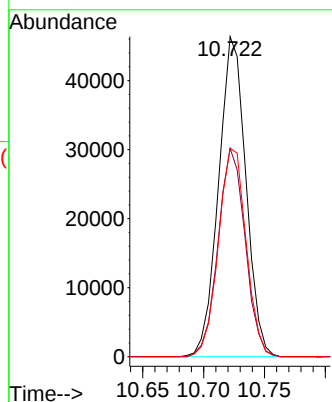
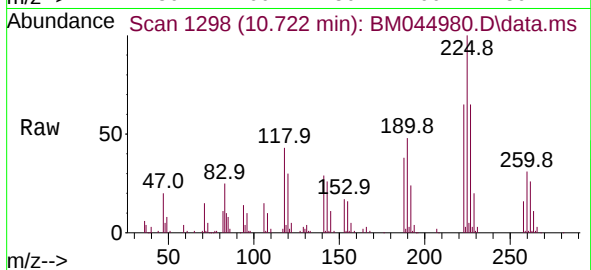
Tgt Ion:225 Resp: 72283

Ion Ratio Lower Upper

225 100

223 65.1 45.3 67.9

227 65.1 47.6 71.4



#34

Caprolactam

Concen: 15.301 ng/ul

RT: 11.386 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

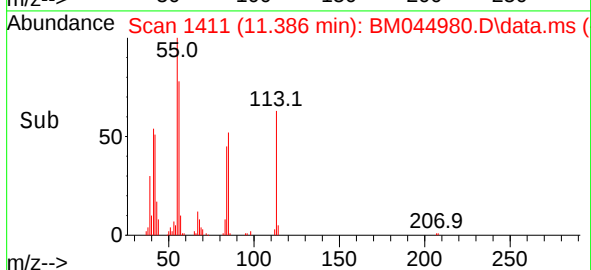
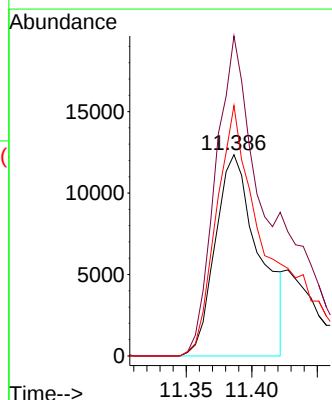
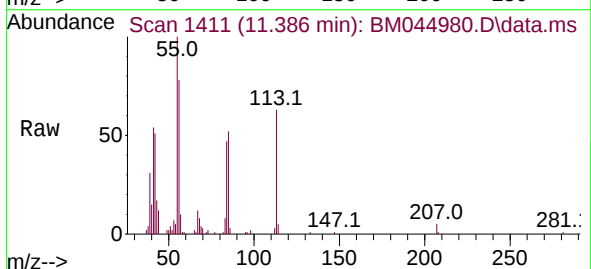
Tgt Ion:113 Resp: 28807

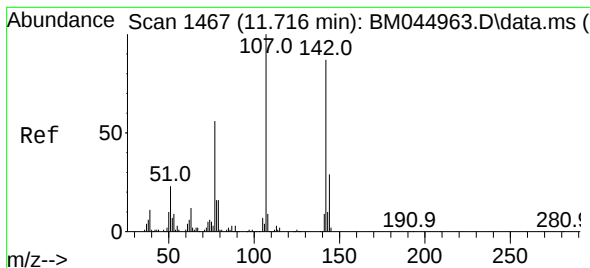
Ion Ratio Lower Upper

113 100

55 159.0 125.4 188.0

56 124.4 91.8 137.8

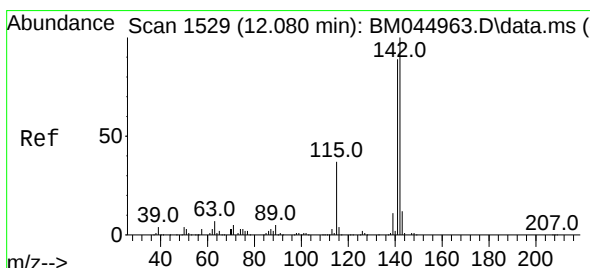
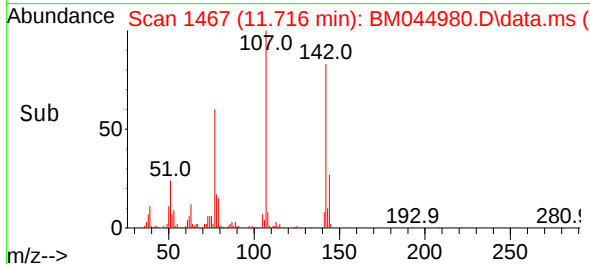
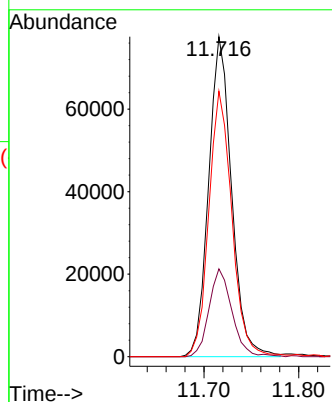
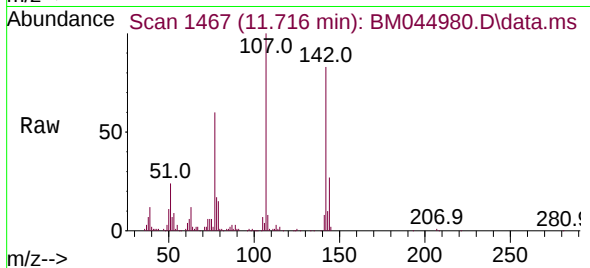




#35
4-Chloro-3-methylphenol
Concen: 23.479 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

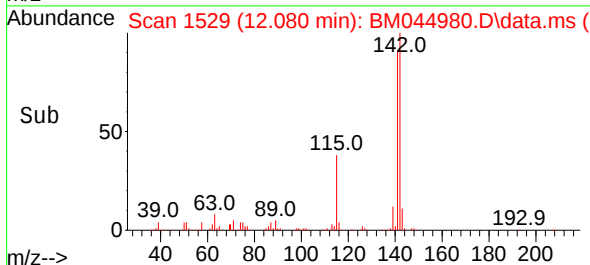
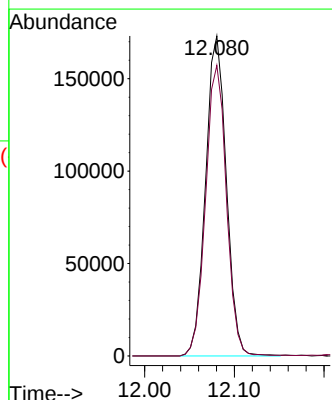
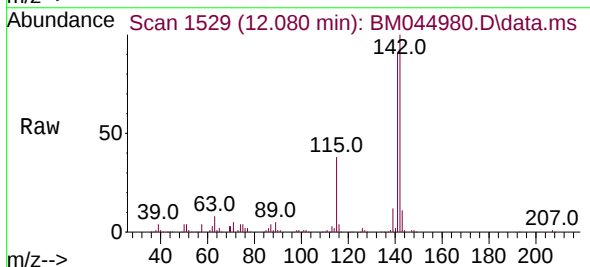
Instrument :
BNA_M
ClientSampleId :

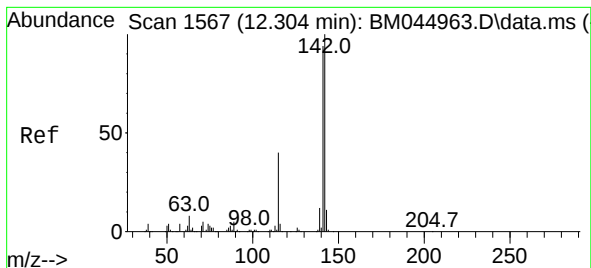
Tgt Ion:107 Resp: 130161
Ion Ratio Lower Upper
107 100
144 27.5 22.8 34.2
142 82.9 69.8 104.6



#36
2-Methylnaphthalene
Concen: 21.669 ng/ul
RT: 12.080 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion:142 Resp: 278111
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5





#37

1-Methylnaphthalene

Concen: 22.318 ng/ul

RT: 12.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

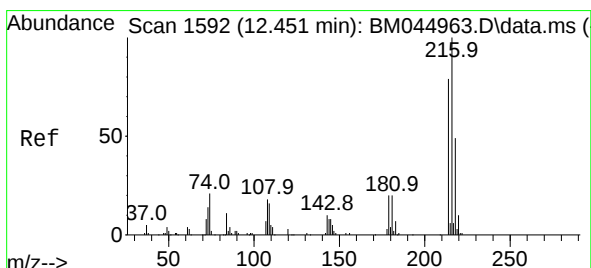
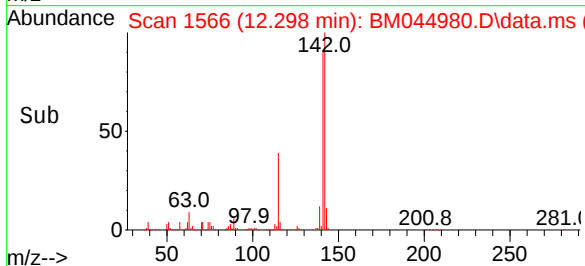
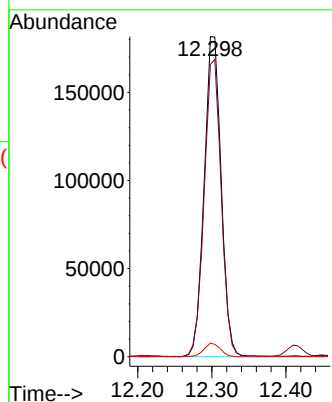
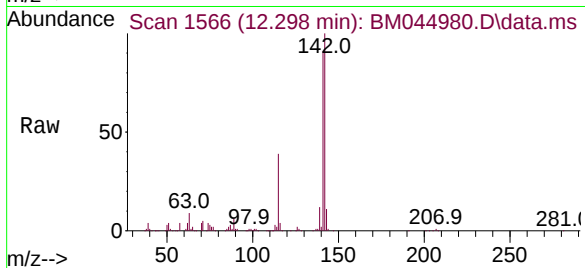
Tgt Ion:142 Resp: 289870

Ion Ratio Lower Upper

142 100

141 91.3 77.2 115.8

116 4.3 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.125 ng/ul

RT: 12.451 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Tgt Ion:216 Resp: 140172

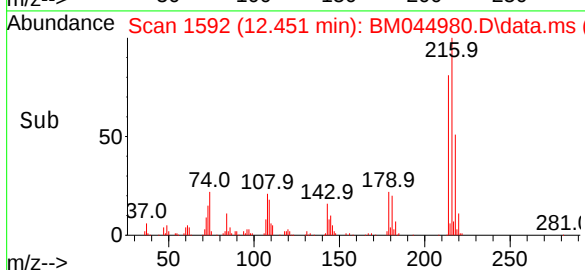
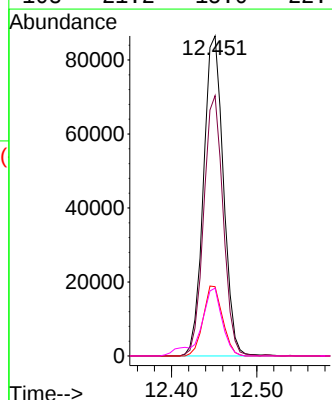
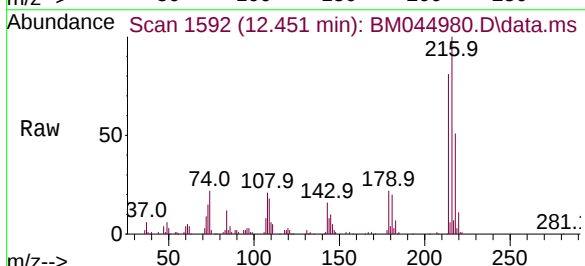
Ion Ratio Lower Upper

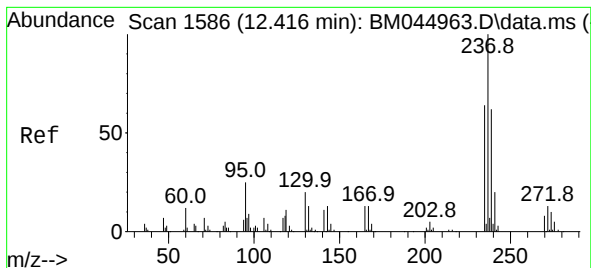
216 100

214 81.3 63.5 95.3

179 21.7 16.6 25.0

108 21.2 15.0 22.4





#40

Hexachlorocyclopentadiene

Concen: 18.243 ng/ul

RT: 12.410 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

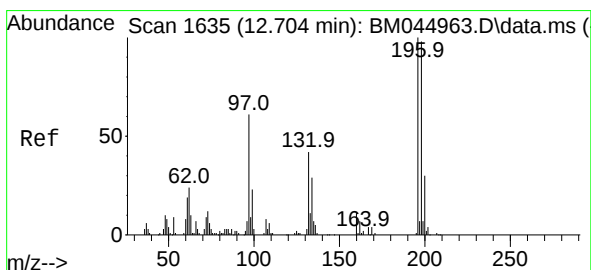
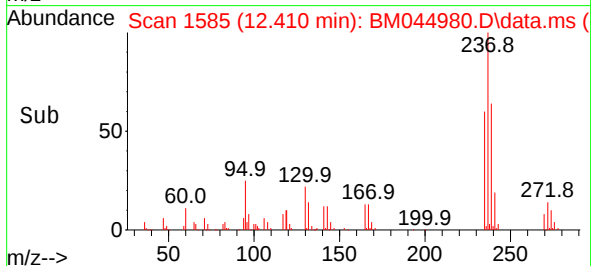
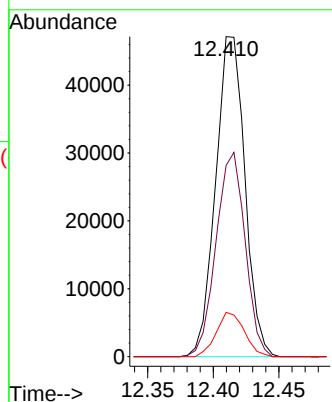
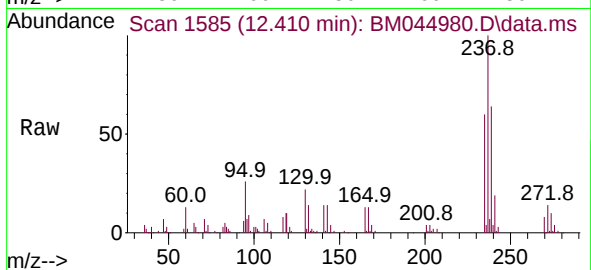
Tgt Ion:237 Resp: 73277

Ion Ratio Lower Upper

237 100

235 59.7 51.3 76.9

272 13.8 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 22.344 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

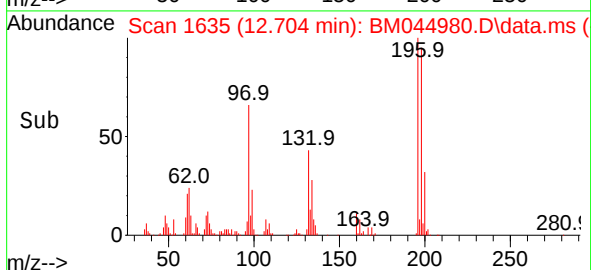
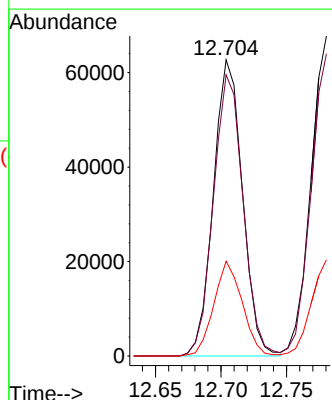
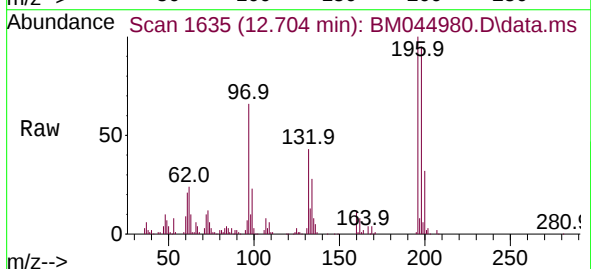
Tgt Ion:196 Resp: 96715

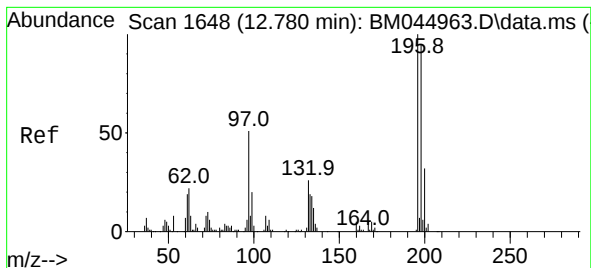
Ion Ratio Lower Upper

196 100

198 94.9 79.4 119.2

200 32.0 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 22.386 ng/ul

RT: 12.780 min Scan# 1

Delta R.T. -0.000 min

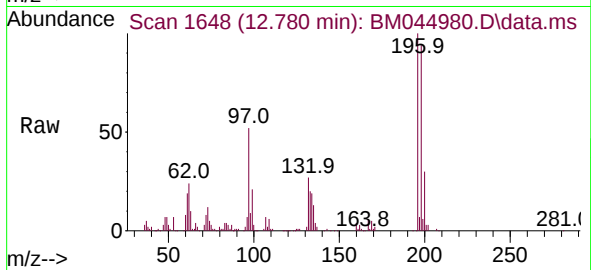
Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :



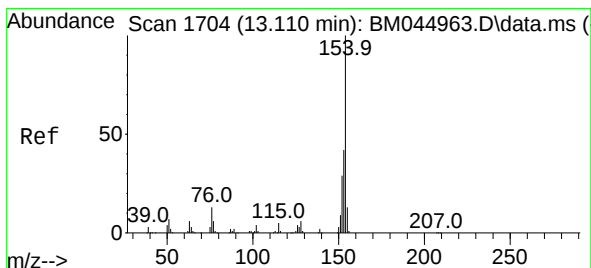
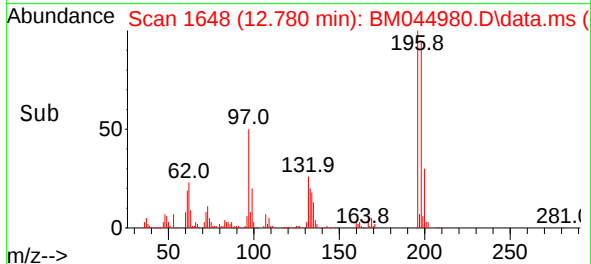
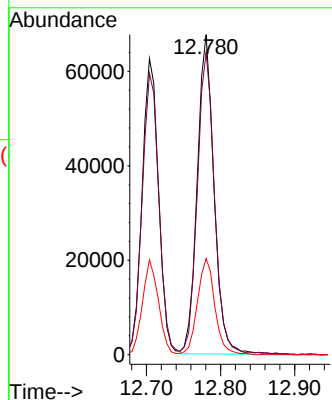
Tgt Ion:196 Resp: 106763

Ion Ratio Lower Upper

196 100

198 94.4 79.9 119.9

200 30.0 25.6 38.4



#43

1,1'-Biphenyl

Concen: 21.390 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

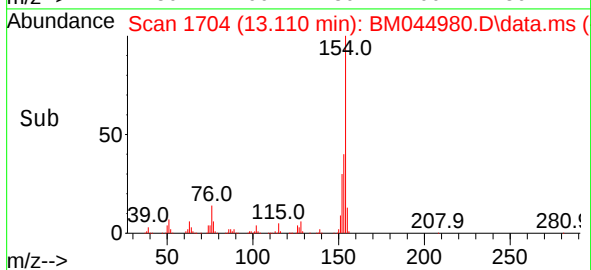
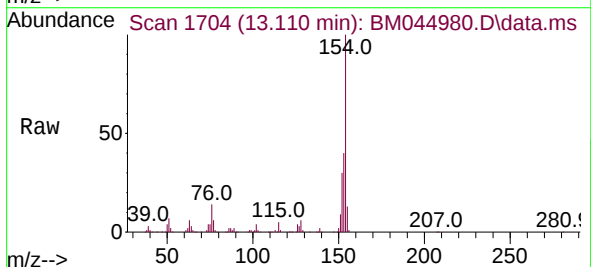
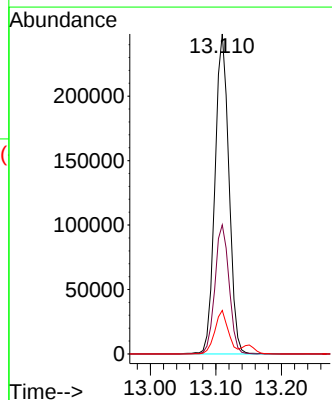
Tgt Ion:154 Resp: 366483

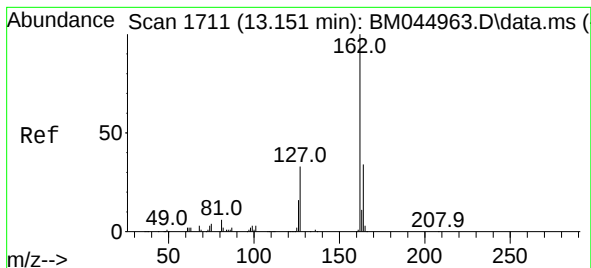
Ion Ratio Lower Upper

154 100

153 40.4 31.6 47.4

76 13.6 10.4 15.6





#44

2-Chloronaphthalene

Concen: 21.189 ng/ul

RT: 13.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

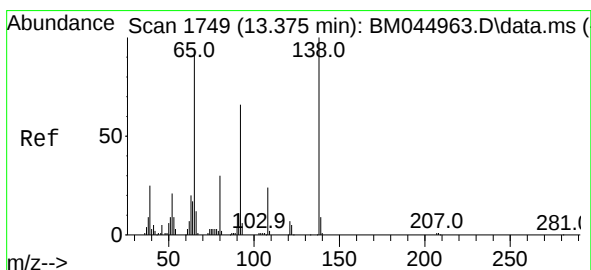
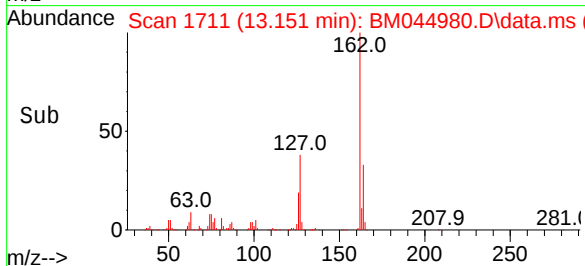
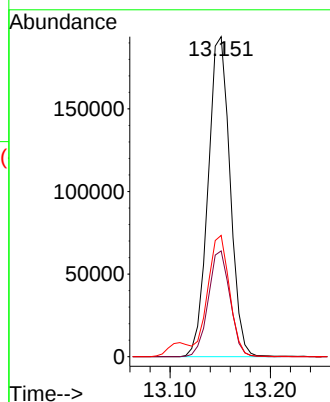
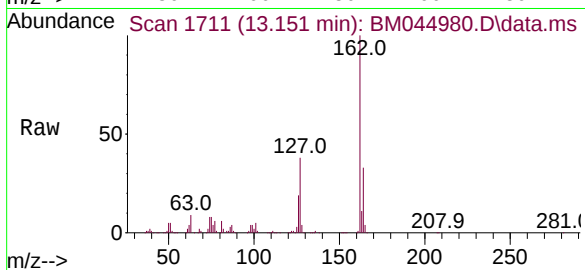
Tgt Ion:162 Resp: 294947

Ion Ratio Lower Upper

162 100

164 33.1 26.1 39.1

127 37.9 30.1 45.1



#45

2-Nitroaniline

Concen: 22.763 ng/ul

RT: 13.374 min Scan# 1749

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

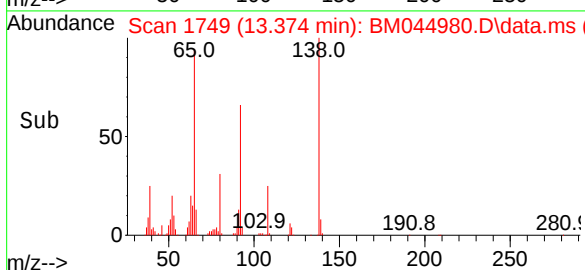
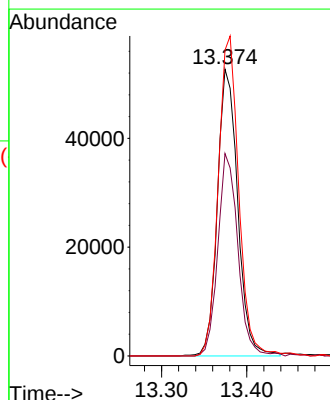
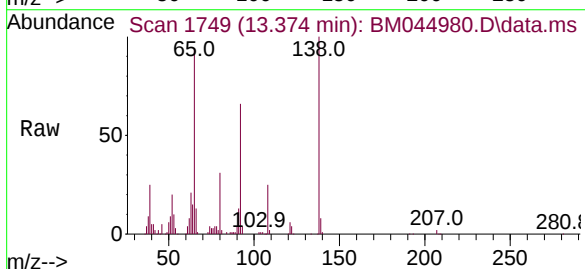
Tgt Ion: 65 Resp: 87465

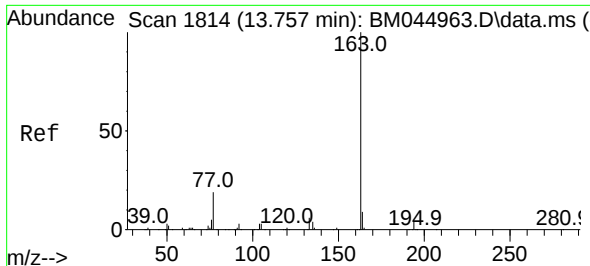
Ion Ratio Lower Upper

65 100

92 70.6 55.2 82.8

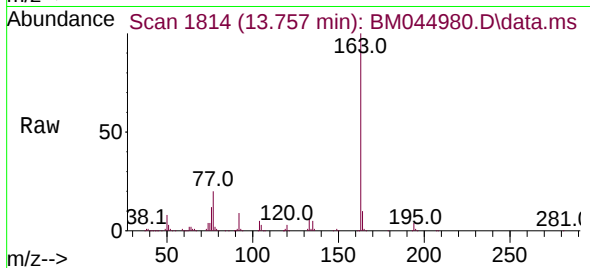
138 106.6 93.0 139.4



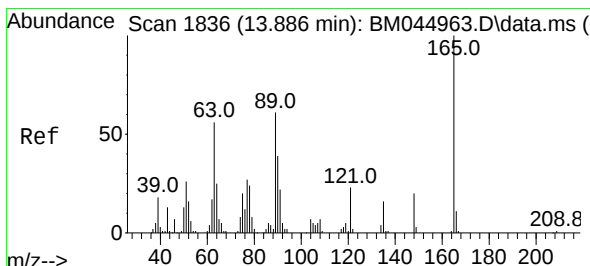
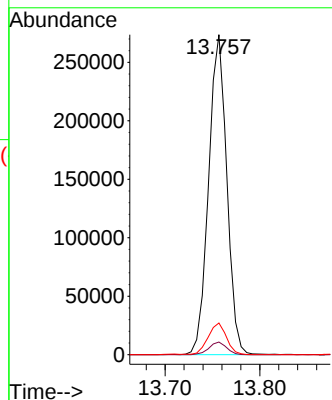
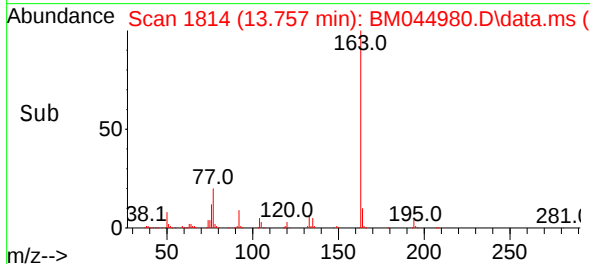


#47
Dimethylphthalate
Concen: 20.689 ng/ul
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

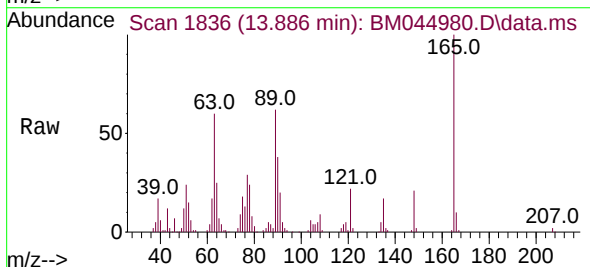
Instrument :
BNA_M
ClientSampleId :



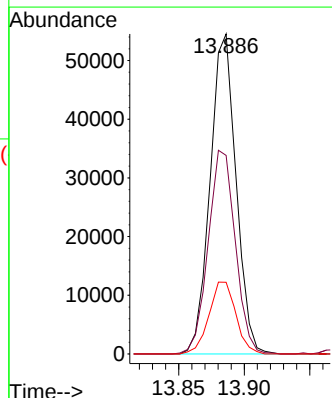
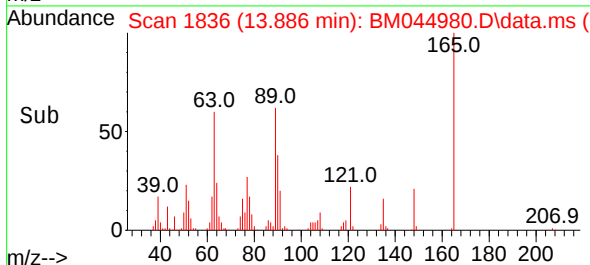
Tgt Ion:163 Resp: 365313
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.9 7.8 11.8

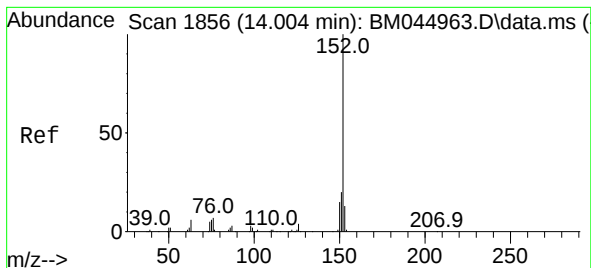


#48
2,6-Dinitrotoluene
Concen: 21.678 ng/ul
RT: 13.886 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27



Tgt Ion:165 Resp: 75027
Ion Ratio Lower Upper
165 100
89 62.0 45.0 67.4
121 22.4 18.0 27.0





#50

Acenaphthylene

Concen: 21.417 ng/ul

RT: 14.004 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

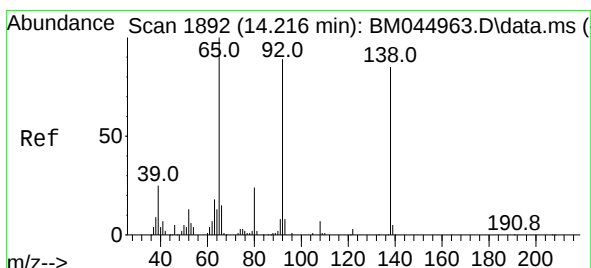
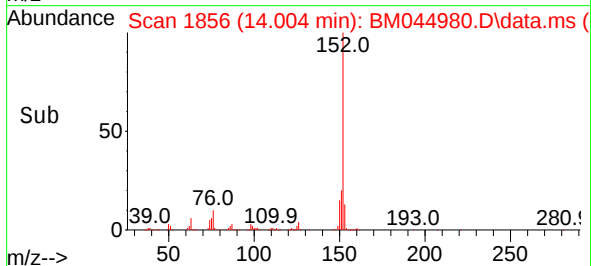
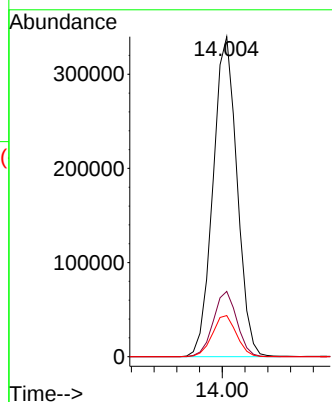
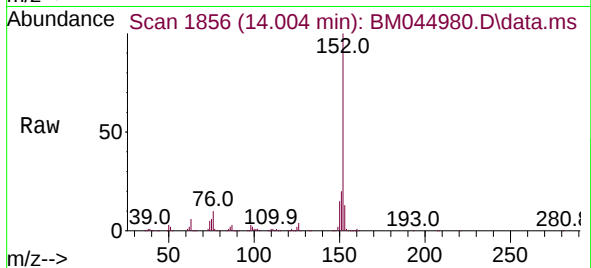
Tgt Ion:152 Resp: 499201

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 12.8 10.2 15.2



#51

3-Nitroaniline

Concen: 21.000 ng/ul

RT: 14.216 min Scan# 1892

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

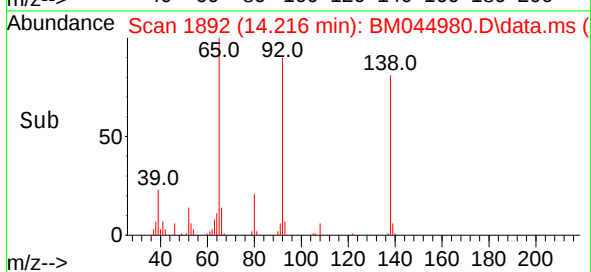
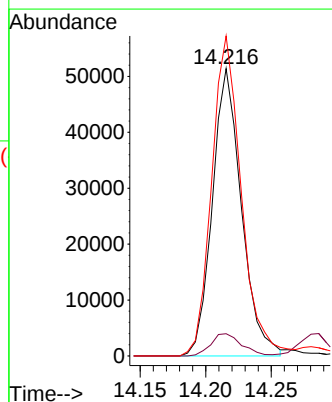
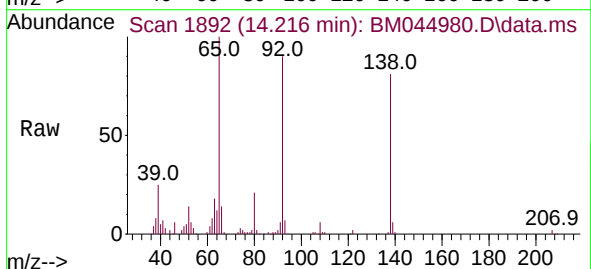
Tgt Ion:138 Resp: 79279

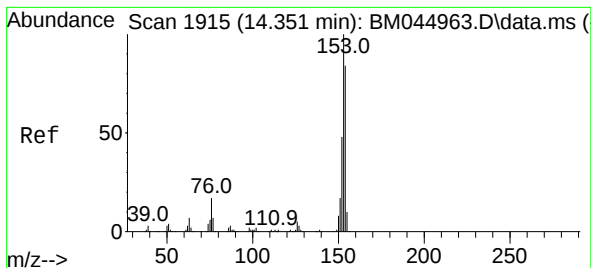
Ion Ratio Lower Upper

138 100

108 7.7 6.5 9.7

92 111.4 81.4 122.0





#52

Acenaphthene

Concen: 21.108 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

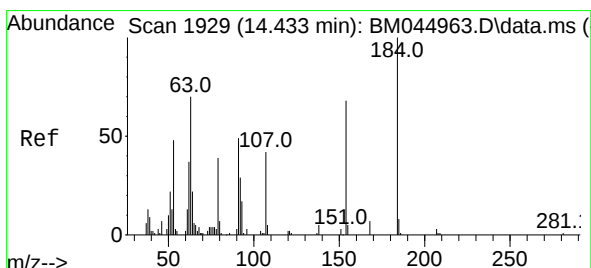
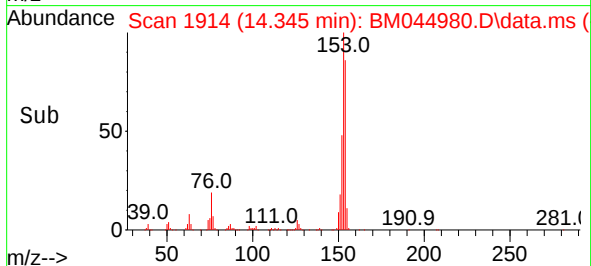
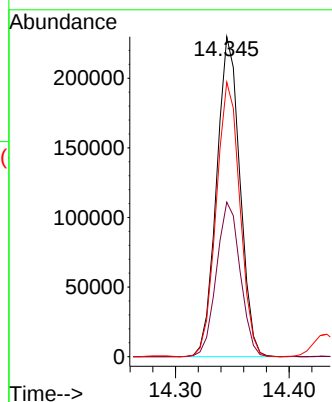
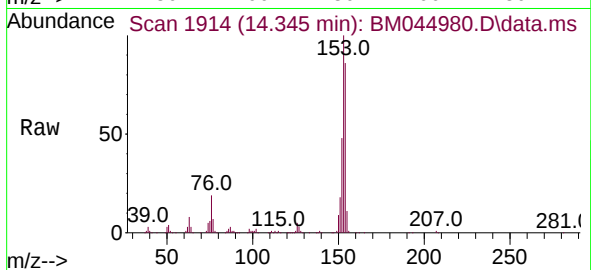
Tgt Ion:153 Resp: 328305

Ion Ratio Lower Upper

153 100

152 48.3 38.6 58.0

154 85.8 69.4 104.2



#53

2,4-Dinitrophenol

Concen: 18.547 ng/ul

RT: 14.433 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

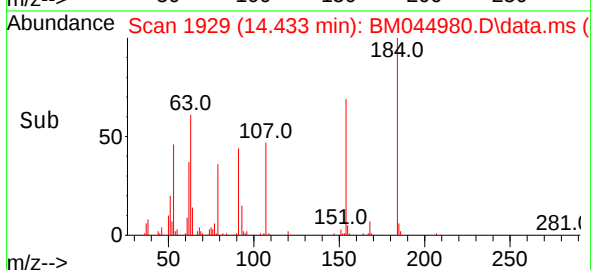
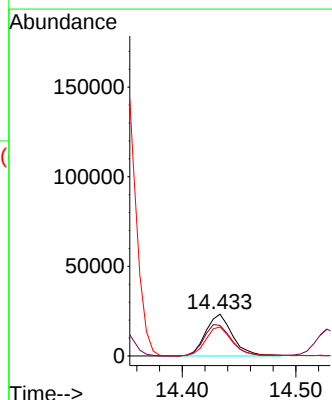
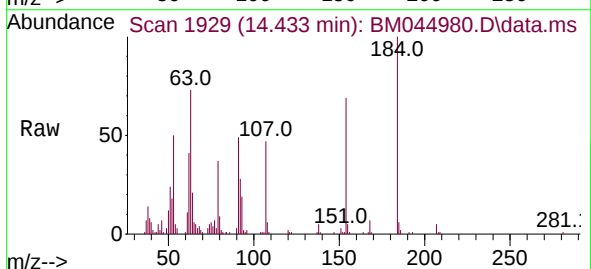
Tgt Ion:184 Resp: 38162

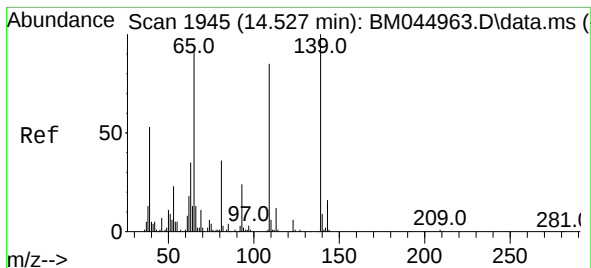
Ion Ratio Lower Upper

184 100

63 73.4 56.9 85.3

154 69.2 50.3 75.5

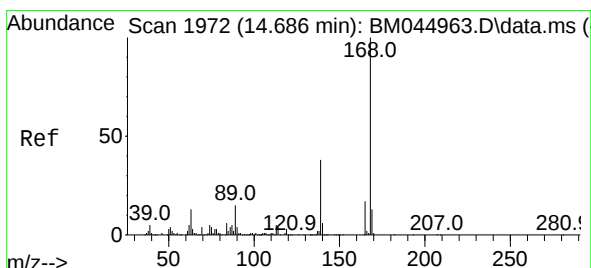
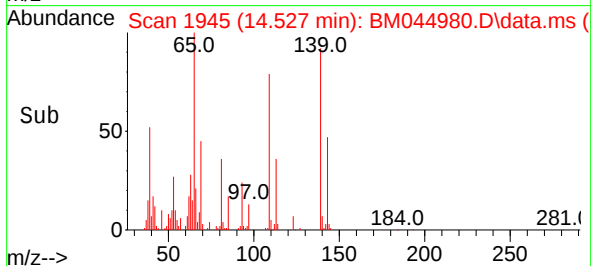
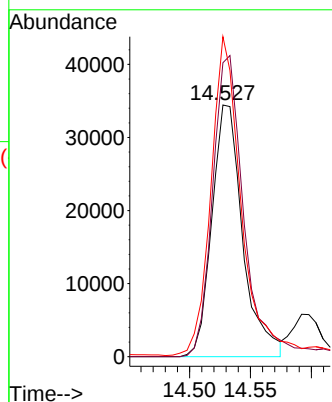
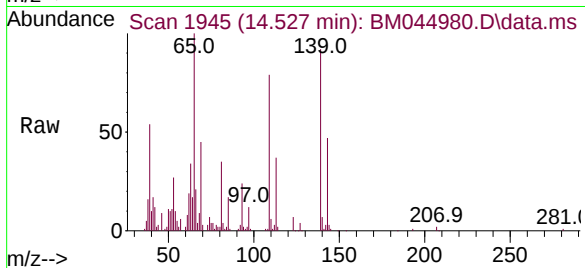




#55
4-Nitrophenol
Concen: 19.565 ng/ul
RT: 14.527 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

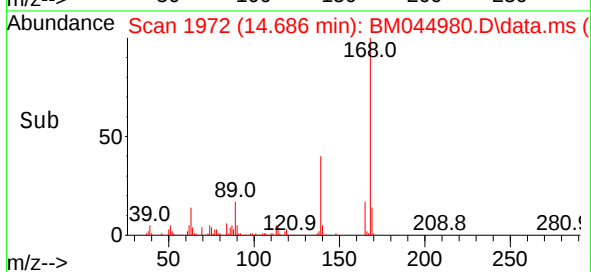
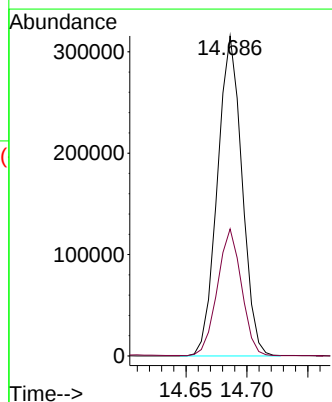
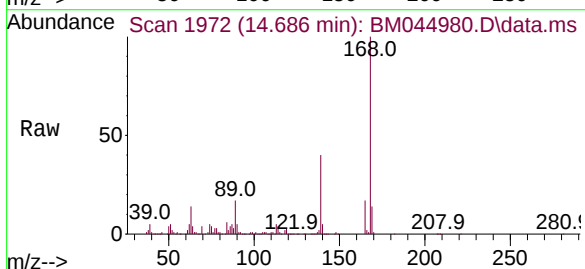
Instrument :
BNA_M
ClientSampleId :

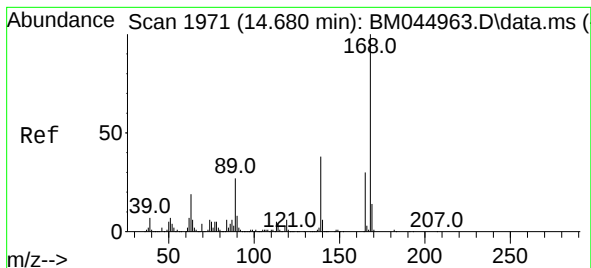
Tgt Ion:109 Resp: 60666
Ion Ratio Lower Upper
109 100
139 116.8 107.7 161.5
65 127.2 96.3 144.5



#56
Dibenzofuran
Concen: 20.844 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion:168 Resp: 443642
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0





#57

2,4-Dinitrotoluene

Concen: 21.508 ng/ul

RT: 14.680 min Scan# 1971

Delta R.T. -0.000 min

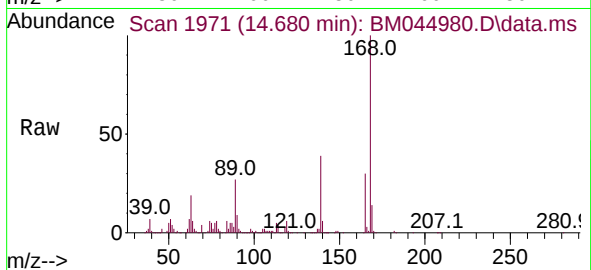
Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :



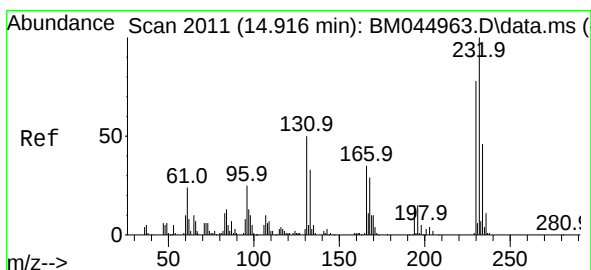
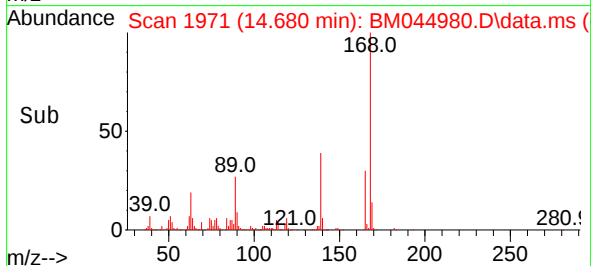
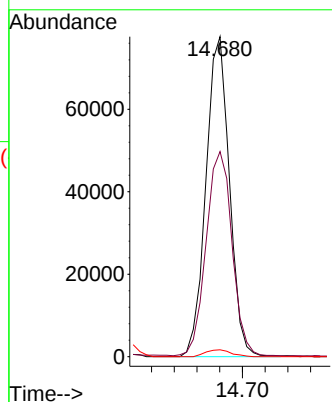
Tgt Ion:165 Resp: 111425

Ion Ratio Lower Upper

165 100

63 64.1 52.0 78.0

182 2.2 2.3 3.5#



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.826 ng/ul

RT: 14.916 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Tgt Ion:232 Resp: 89090

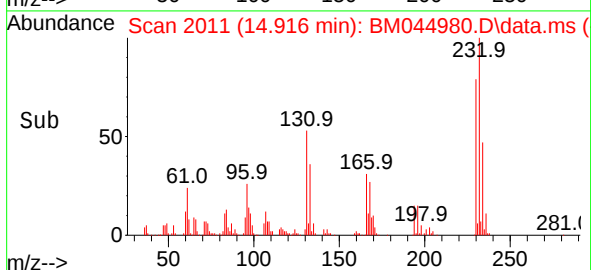
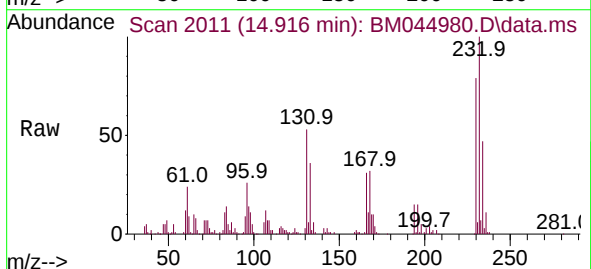
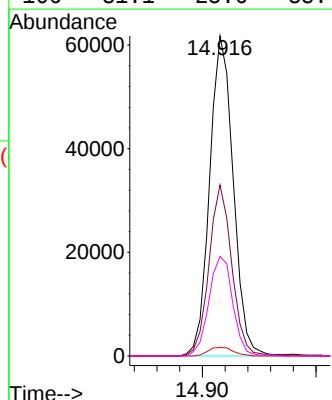
Ion Ratio Lower Upper

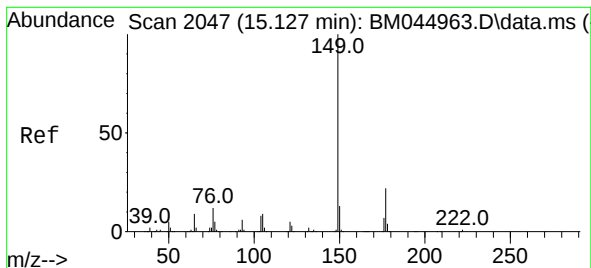
232 100

131 53.4 43.4 65.0

130 2.7 2.6 4.0

166 31.1 25.6 38.4





#59

Diethylphthalate

Concen: 21.050 ng/ul

RT: 15.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

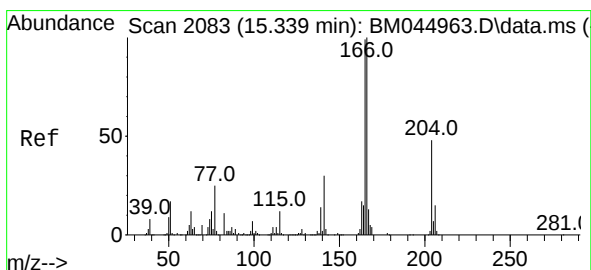
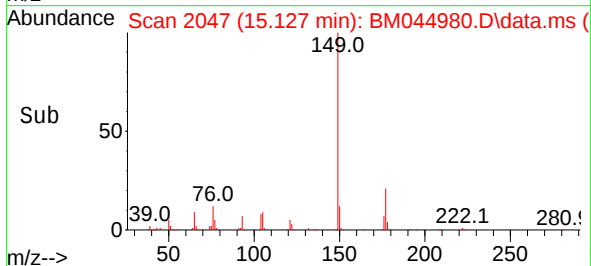
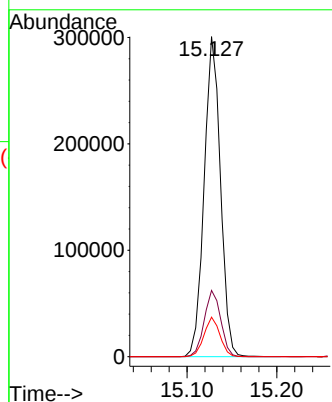
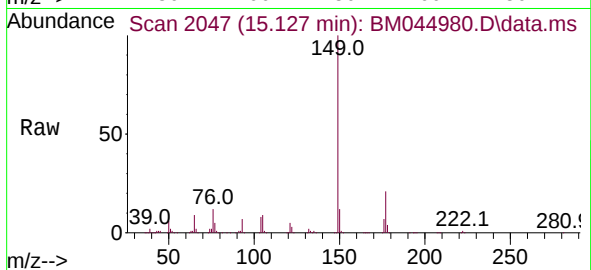
Tgt Ion:149 Resp: 379191

Ion Ratio Lower Upper

149 100

177 20.7 16.4 24.6

150 12.4 10.3 15.5



#61

Fluorene

Concen: 20.788 ng/ul

RT: 15.339 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

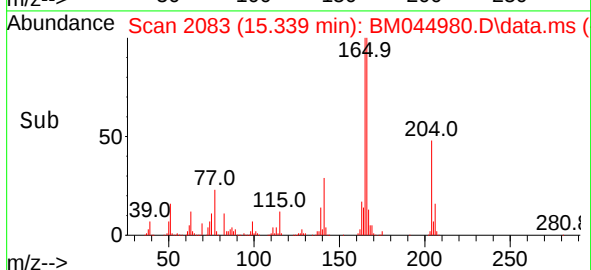
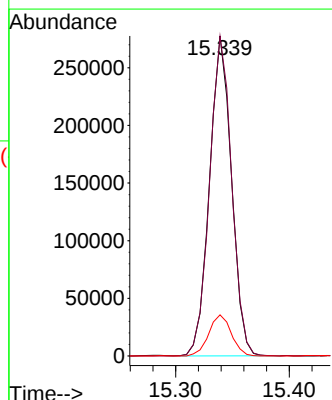
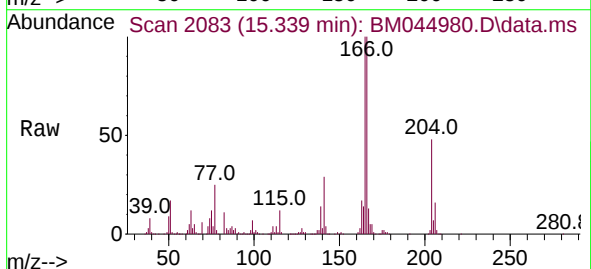
Tgt Ion:166 Resp: 372908

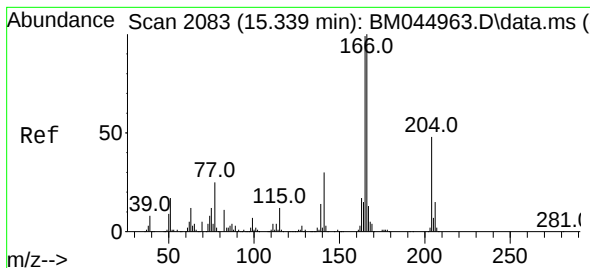
Ion Ratio Lower Upper

166 100

165 99.9 80.5 120.7

167 12.9 11.0 16.6

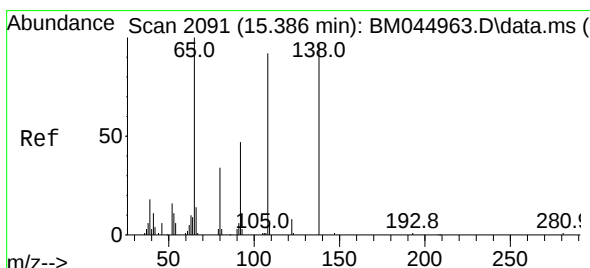
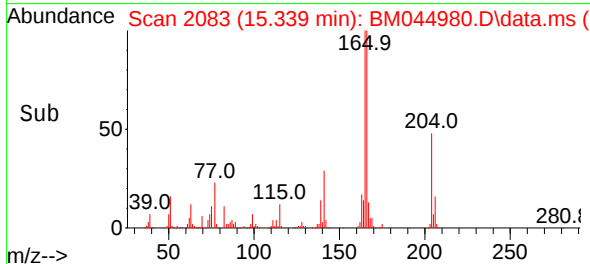
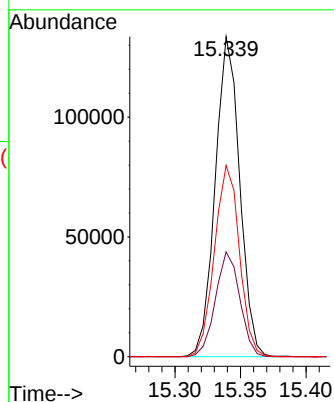
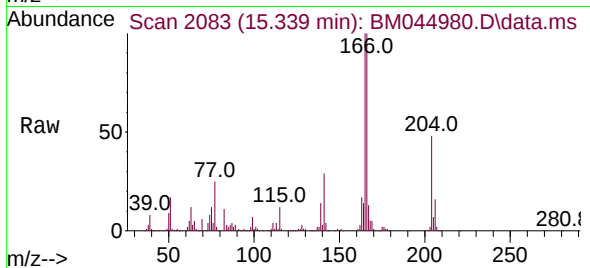




#62
4-Chlorophenyl-phenylether
Concen: 20.612 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

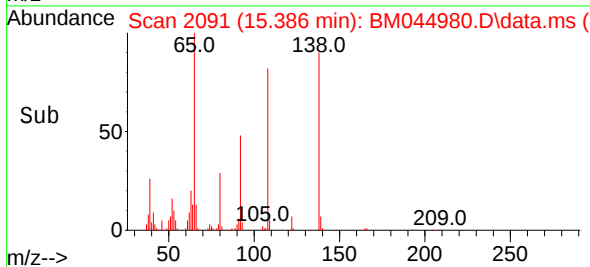
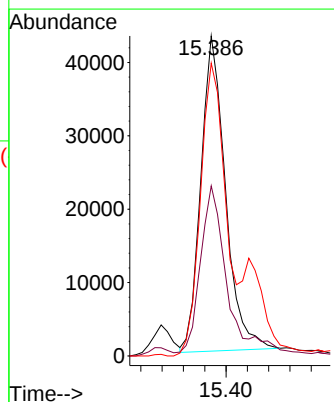
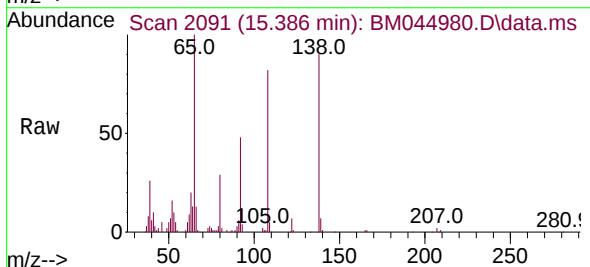
Instrument :
BNA_M
ClientSampleId :

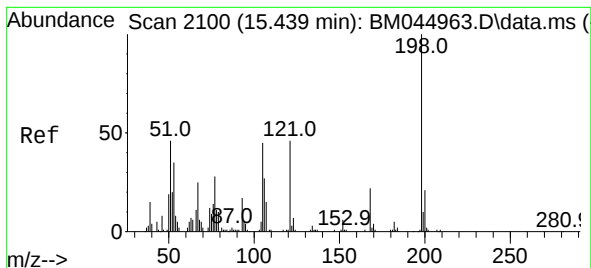
Tgt Ion:204 Resp: 173312
Ion Ratio Lower Upper
204 100
206 32.7 24.9 37.3
141 59.8 46.2 69.2



#63
4-Nitroaniline
Concen: 20.088 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion:138 Resp: 68946
Ion Ratio Lower Upper
138 100
92 53.1 39.8 59.6
108 91.5 66.4 99.6

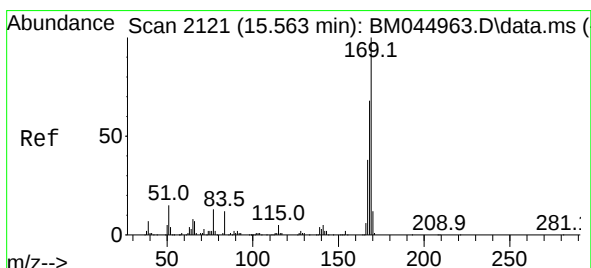
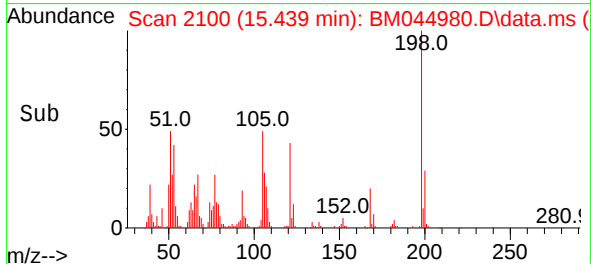
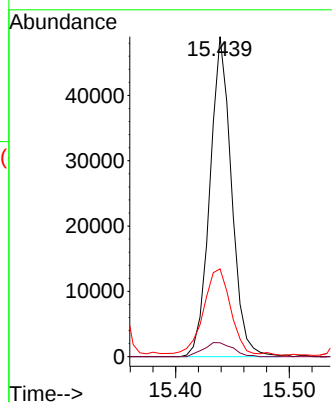
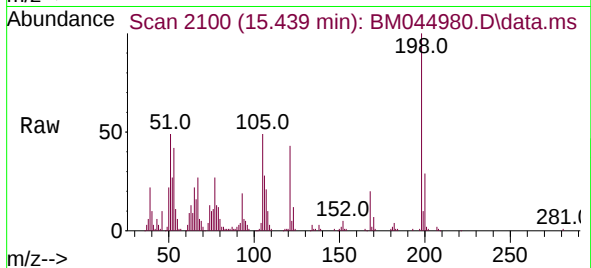




#66
4,6-Dinitro-2-methylphenol
Concen: 20.164 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

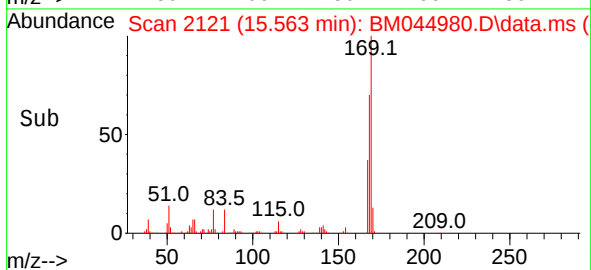
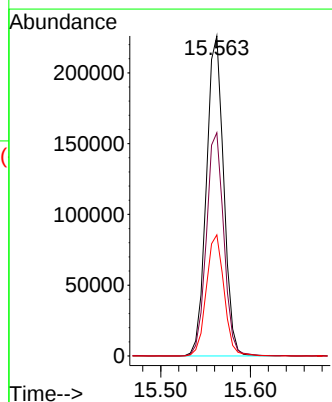
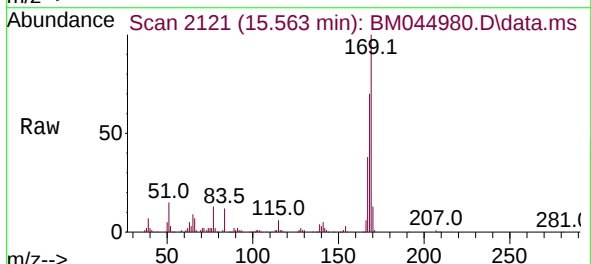
Instrument :
BNA_M
ClientSampleId :

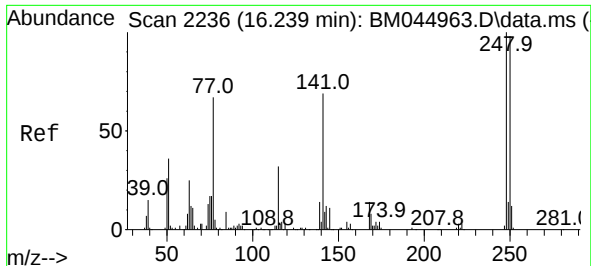
Tgt Ion:198 Resp: 64920
Ion Ratio Lower Upper
198 100
182 4.3 3.8 5.6
77 27.5 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 22.098 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion:169 Resp: 302260
Ion Ratio Lower Upper
169 100
168 69.7 56.7 85.1
167 37.9 31.2 46.8





#68

4-Bromophenyl-phenylether

Concen: 21.955 ng/ul

RT: 16.239 min Scan# 21

Delta R.T. -0.000 min

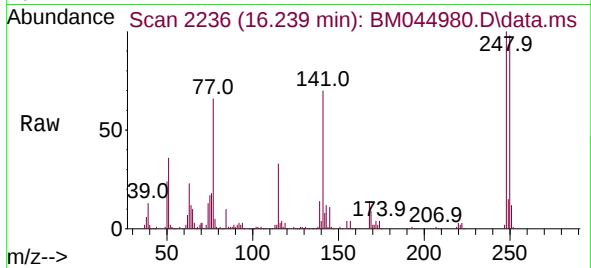
Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :



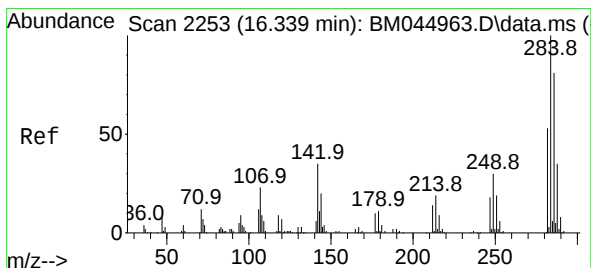
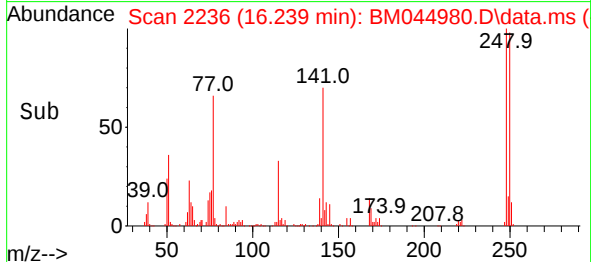
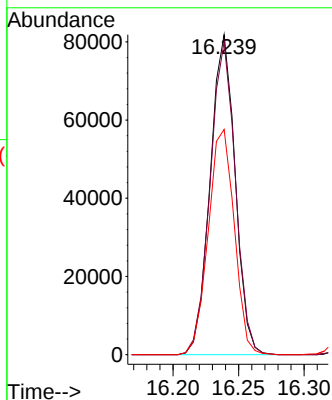
Tgt Ion:248 Resp: 108422

Ion Ratio Lower Upper

248 100

250 97.7 81.0 121.6

141 70.4 55.1 82.7



#69

Hexachlorobenzene

Concen: 21.617 ng/ul

RT: 16.339 min Scan# 2253

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

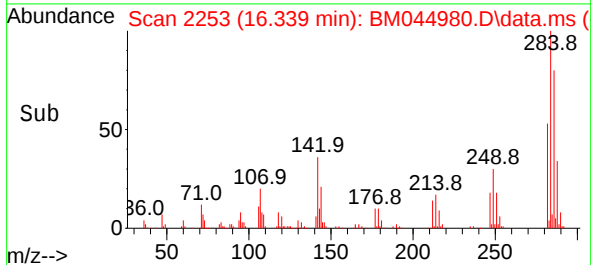
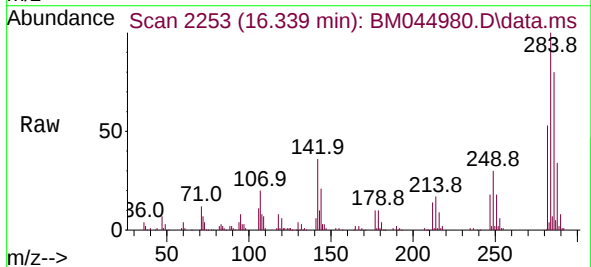
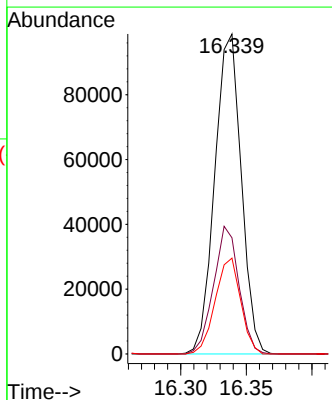
Tgt Ion:284 Resp: 138860

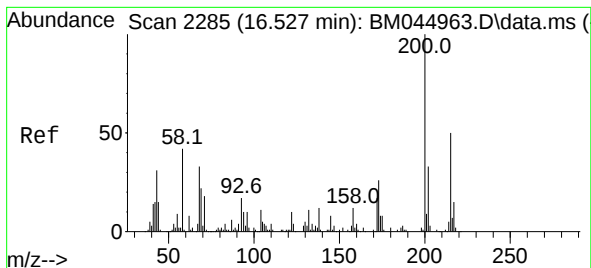
Ion Ratio Lower Upper

284 100

142 34.0 27.3 40.9

249 28.1 23.6 35.4





#70

Atrazine

Concen: 20.440 ng/ul

RT: 16.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

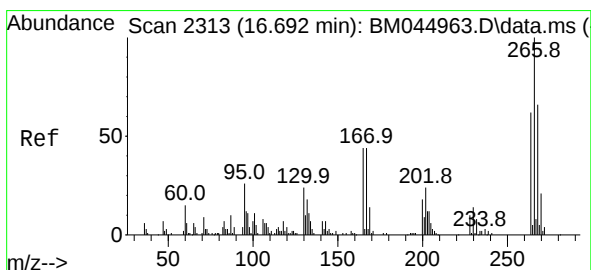
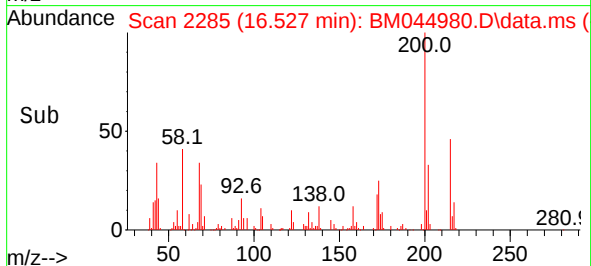
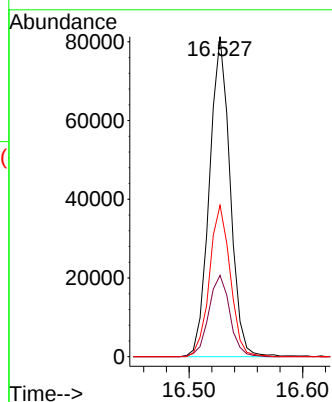
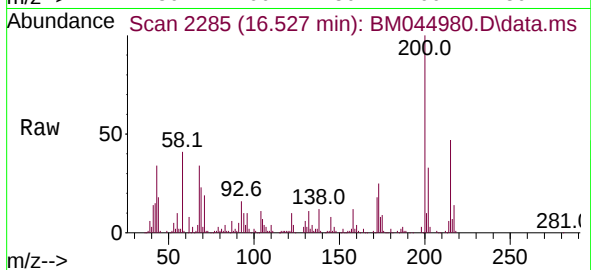
Tgt Ion:200 Resp: 102840

Ion Ratio Lower Upper

200 100

173 25.4 20.3 30.5

215 47.3 37.9 56.9



#71

Pentachlorophenol

Concen: 20.813 ng/ul

RT: 16.692 min Scan# 2313

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

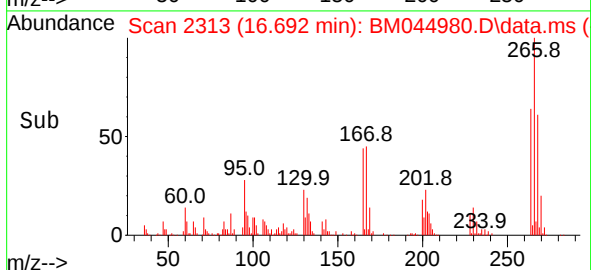
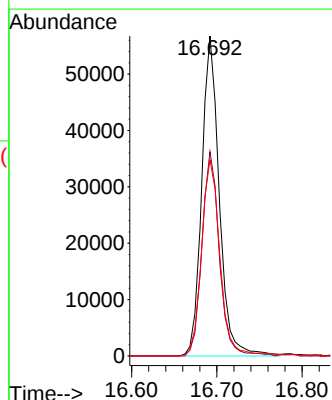
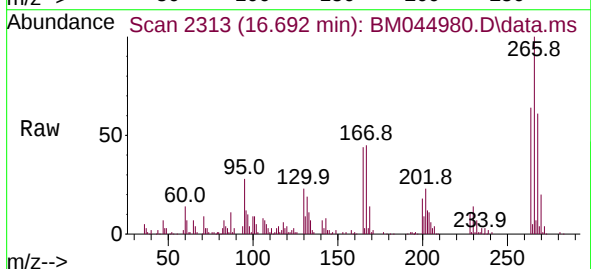
Tgt Ion:266 Resp: 81214

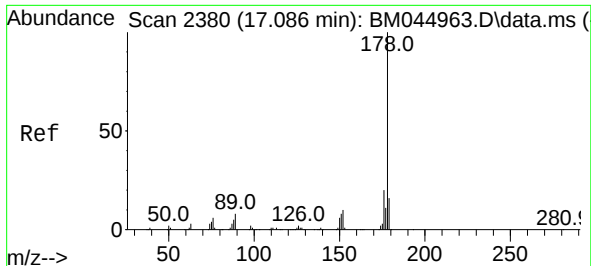
Ion Ratio Lower Upper

266 100

264 63.9 49.3 73.9

268 61.3 53.3 79.9

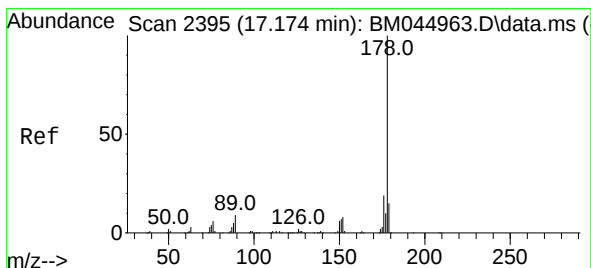
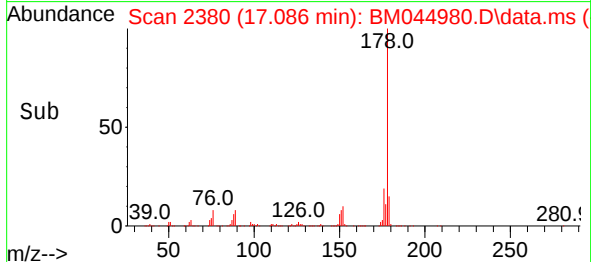
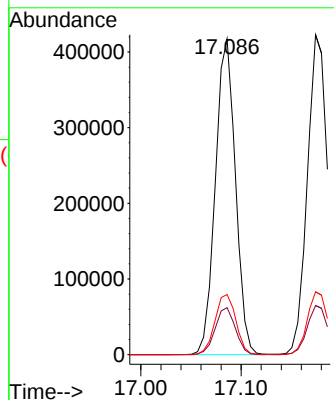
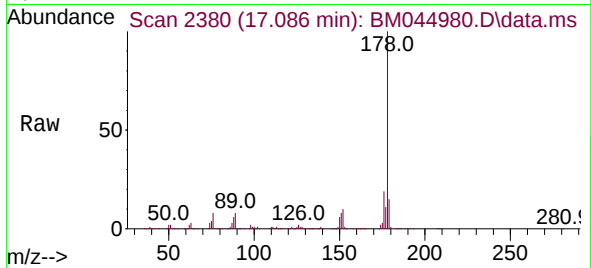




#72
Phenanthrene
Concen: 21.288 ng/ul
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

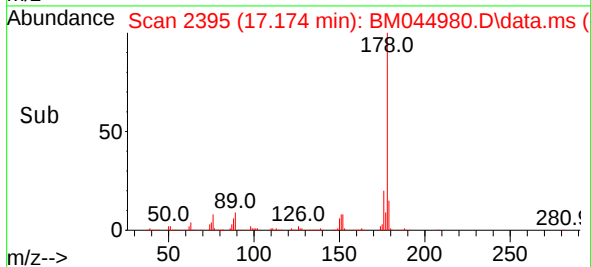
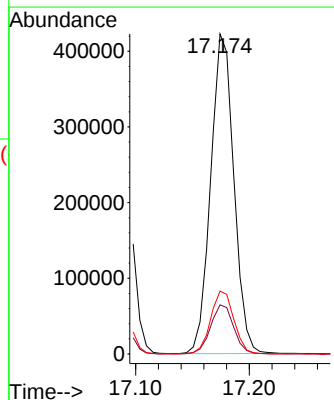
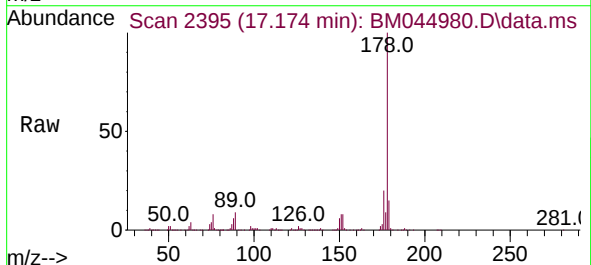
Instrument :
BNA_M
ClientSampleId :

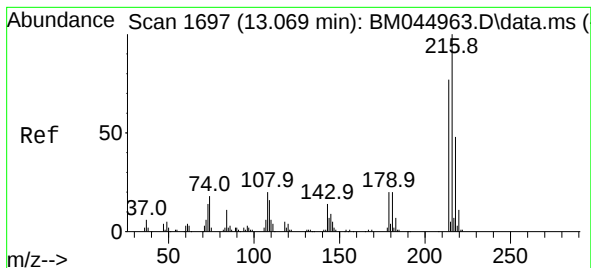
Tgt Ion:178 Resp: 580873
Ion Ratio Lower Upper
178 100
179 14.9 11.9 17.9
176 19.1 15.4 23.2



#74
Anthracene
Concen: 21.424 ng/ul
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion:178 Resp: 597971
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.7 15.8 23.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.211 ng/uL

RT: 13.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

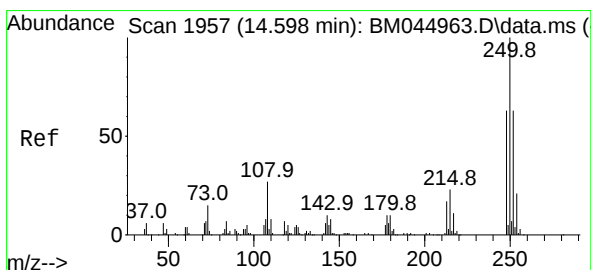
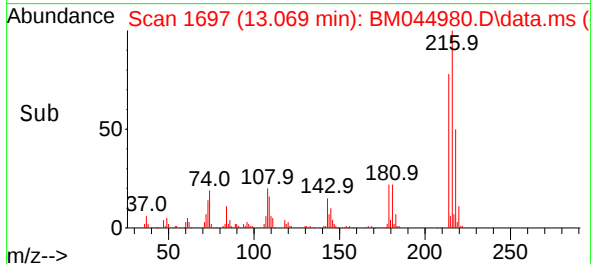
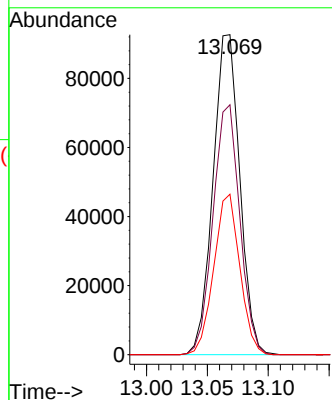
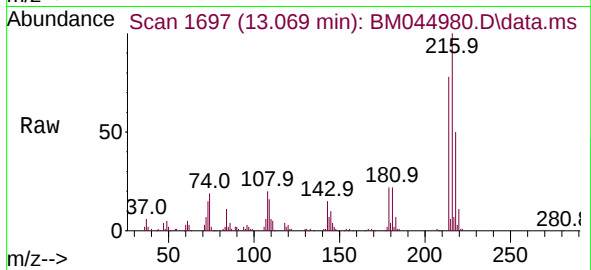
Tgt Ion:216 Resp: 141943

Ion Ratio Lower Upper

216 100

214 78.1 64.1 96.1

218 50.1 38.6 58.0



#76

Pentachlorobenzene

Concen: 22.189 ng/uL

RT: 14.598 min Scan# 1957

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

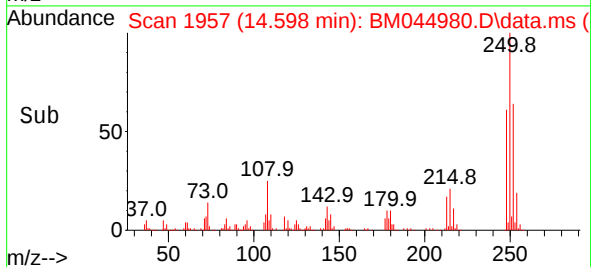
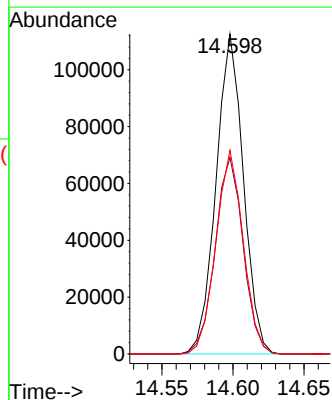
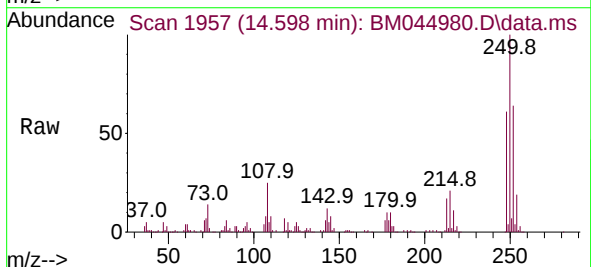
Tgt Ion:250 Resp: 150876

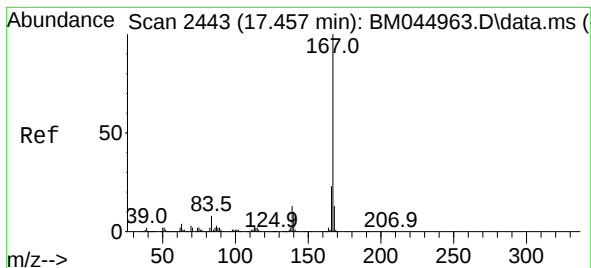
Ion Ratio Lower Upper

250 100

248 61.4 49.8 74.6

252 63.6 49.4 74.2





#77

Carbazole

Concen: 20.228 ng/ul

RT: 17.457 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

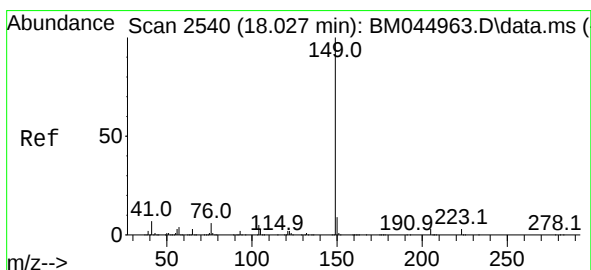
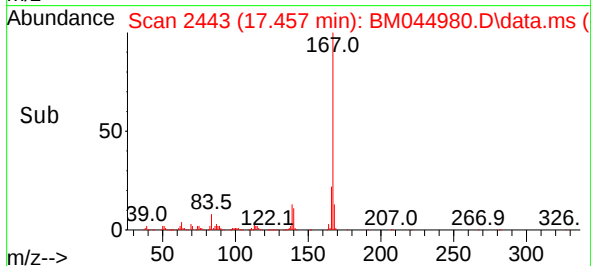
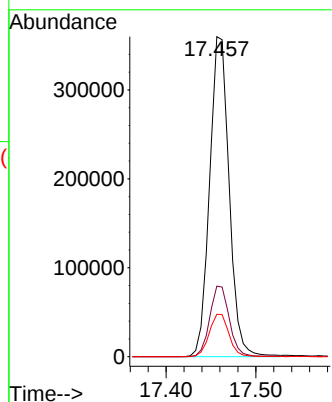
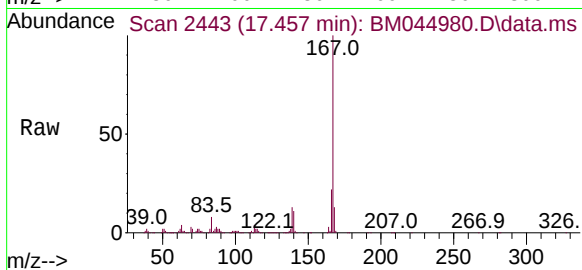
Tgt Ion:167 Resp: 544418

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 13.2 10.7 16.1



#78

Di-n-butylphthalate

Concen: 22.710 ng/ul

RT: 18.027 min Scan# 2540

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

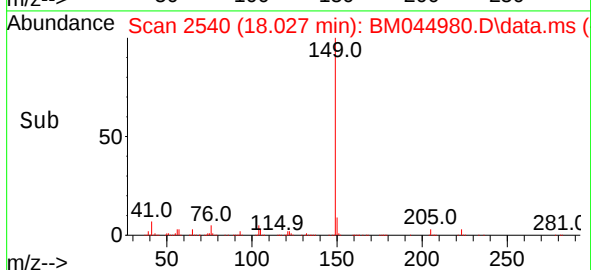
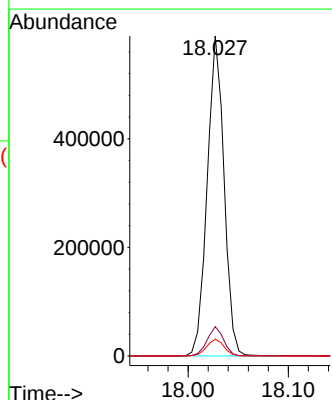
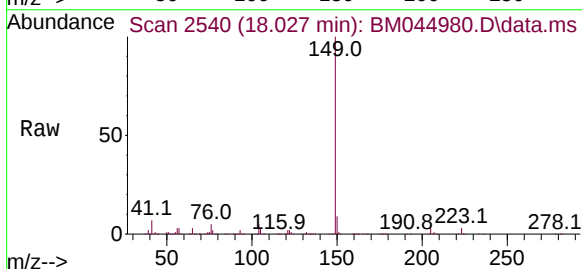
Tgt Ion:149 Resp: 689292

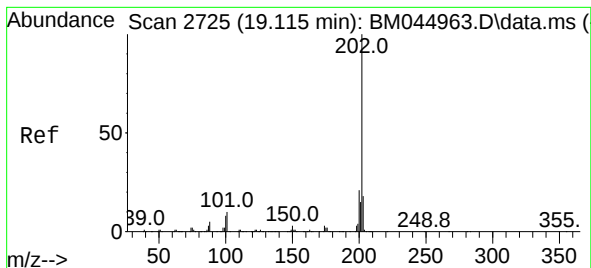
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.2 4.3 6.5





#80

Fluoranthene

Concen: 23.325 ng/ul

RT: 19.109 min Scan# 2725

Delta R.T. -0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

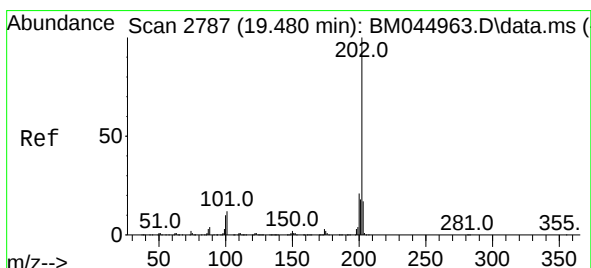
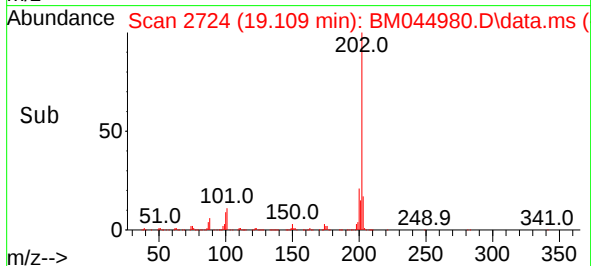
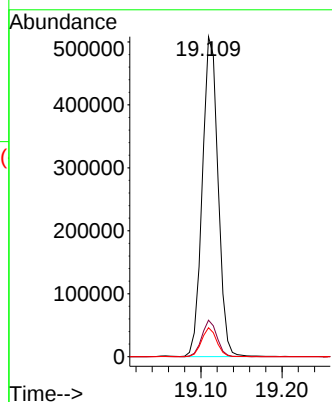
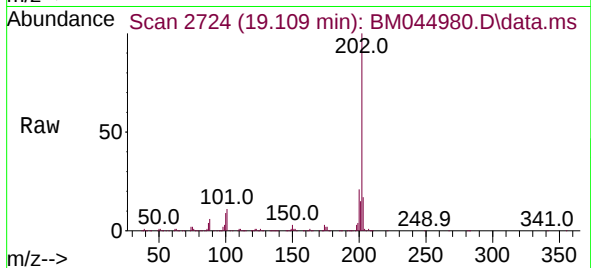
Tgt Ion:202 Resp: 682624

Ion Ratio Lower Upper

202 100

101 11.4 8.7 13.1

100 9.1 6.3 9.5



#82

Pyrene

Concen: 22.991 ng/ul

RT: 19.480 min Scan# 2787

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

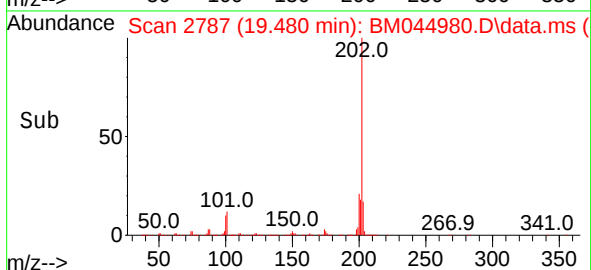
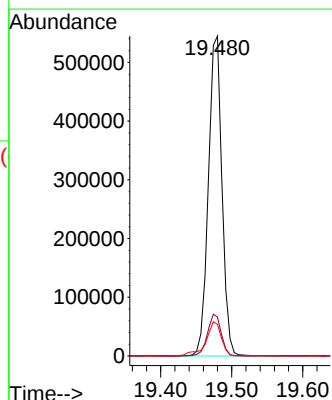
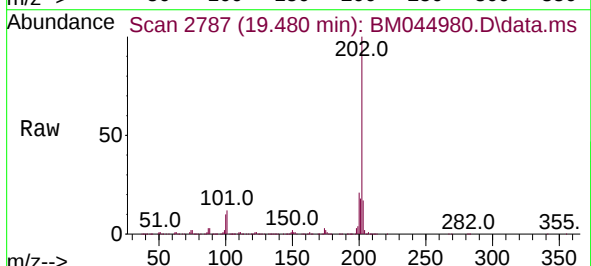
Tgt Ion:202 Resp: 726092

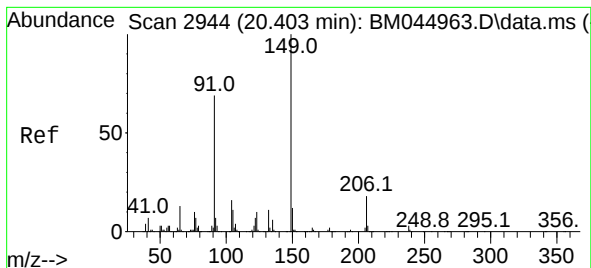
Ion Ratio Lower Upper

202 100

101 12.1 10.2 15.4

100 9.9 8.5 12.7





#83

Butylbenzylphthalate

Concen: 24.639 ng/ul

RT: 20.398 min Scan# 2943

Delta R.T. -0.006 min

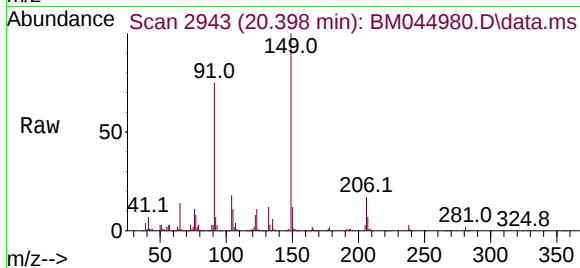
Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :



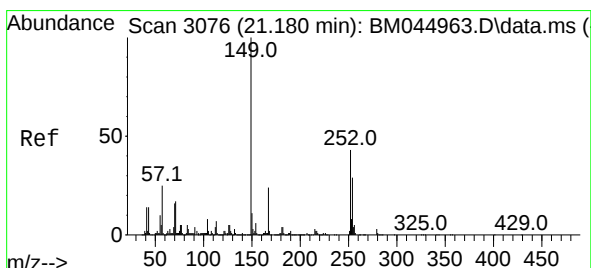
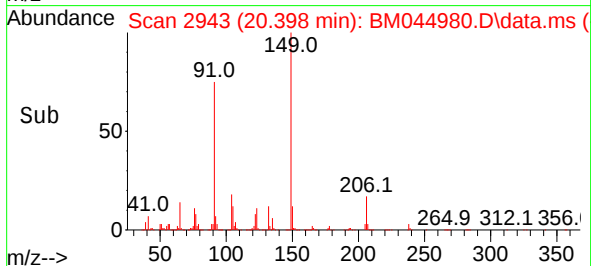
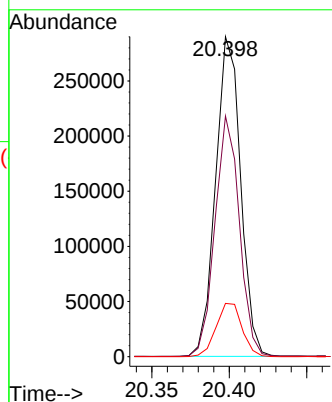
Tgt Ion:149 Resp: 326009

Ion Ratio Lower Upper

149 100

91 75.2 56.2 84.4

206 16.6 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 22.362 ng/ul

RT: 21.180 min Scan# 3076

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

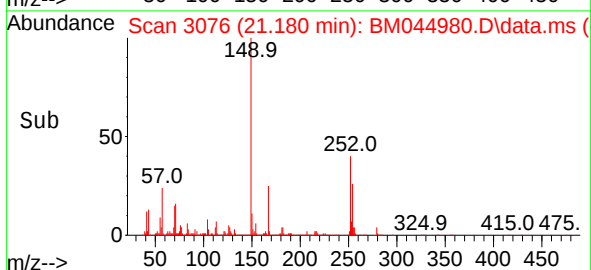
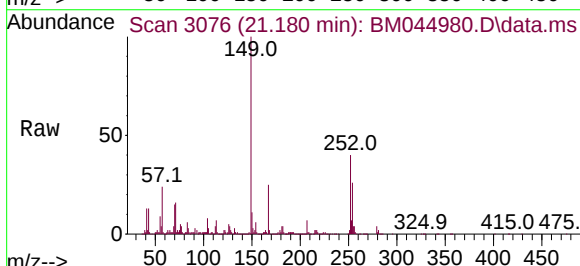
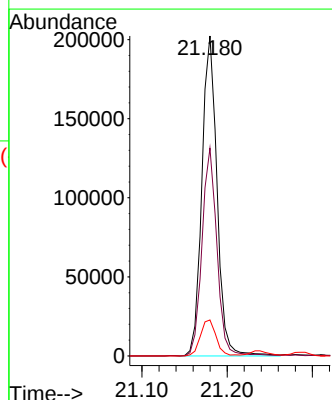
Tgt Ion:252 Resp: 250556

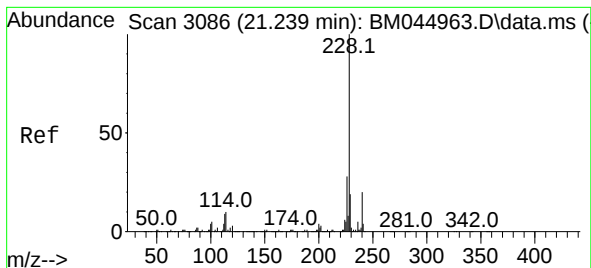
Ion Ratio Lower Upper

252 100

254 64.9 53.9 80.9

126 11.3 9.0 13.4





#85

Benzo(a)anthracene

Concen: 21.601 ng/ul

RT: 21.233 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

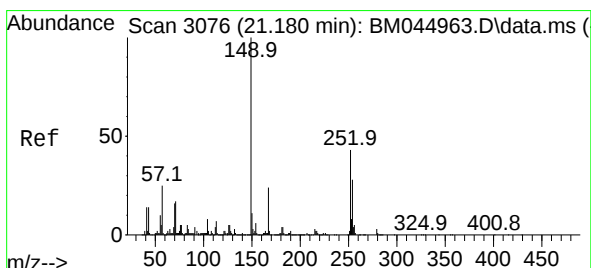
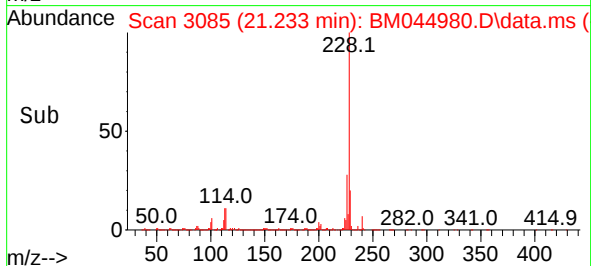
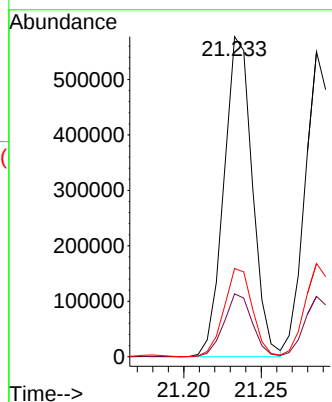
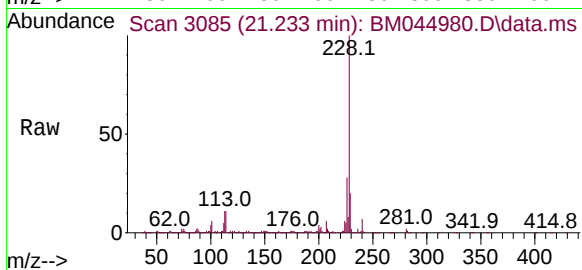
Tgt Ion:228 Resp: 738557

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 27.5 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.155 ng/ul

RT: 21.180 min Scan# 3076

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

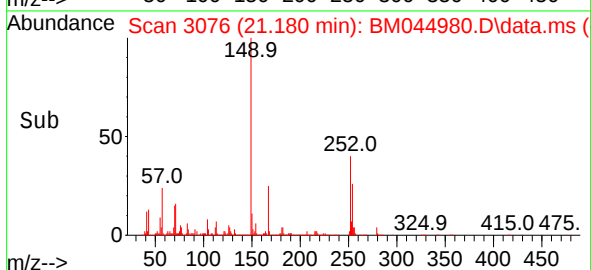
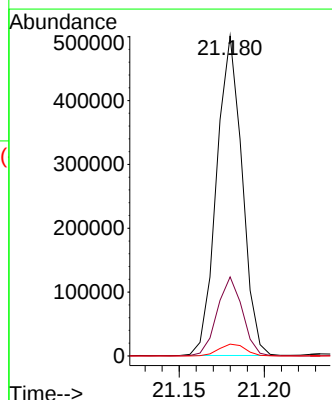
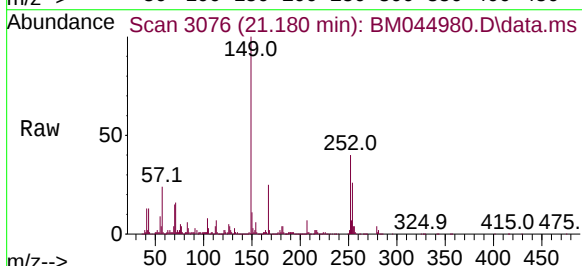
Tgt Ion:149 Resp: 520269

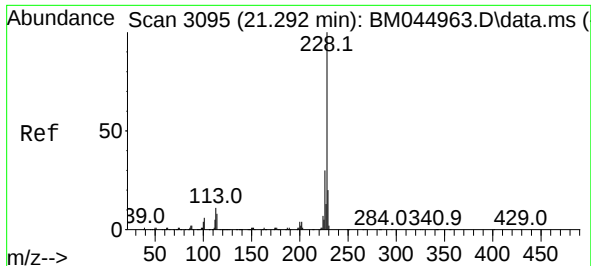
Ion Ratio Lower Upper

149 100

167 24.7 19.7 29.5

279 3.7 3.3 4.9

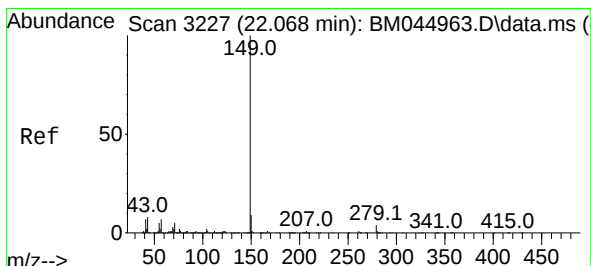
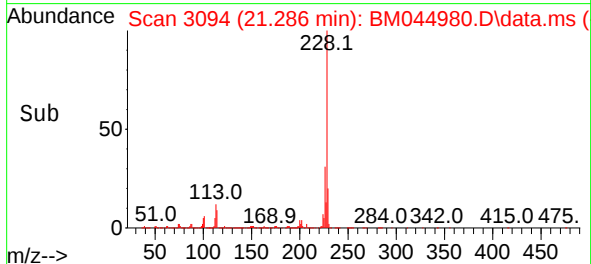
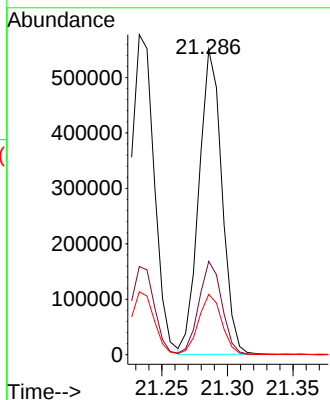
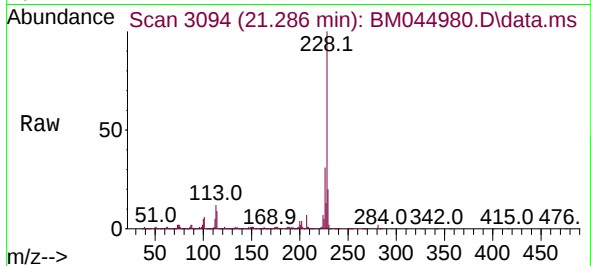




#87
Chrysene
Concen: 21.079 ng/ul
RT: 21.286 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

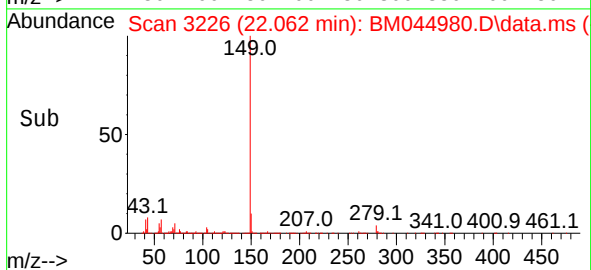
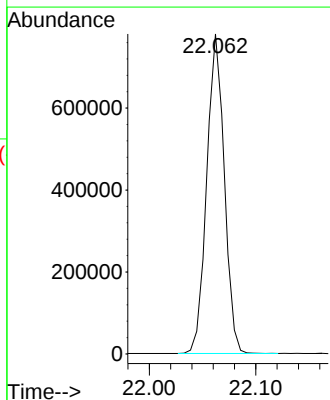
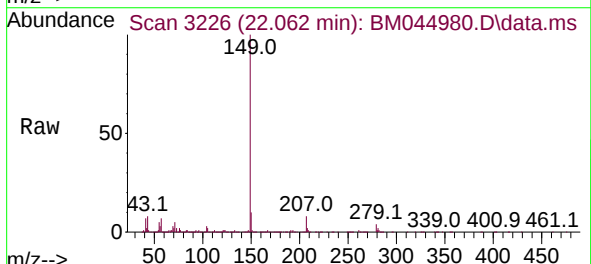
Instrument :
BNA_M
ClientSampleId :

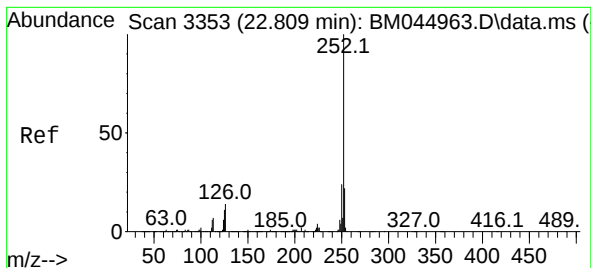
Tgt Ion:228 Resp: 671866
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.8 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 24.404 ng/ul
RT: 22.062 min Scan# 3226
Delta R.T. -0.006 min
Lab File: BM044980.D
Acq: 06 Apr 2024 21:27

Tgt Ion:149 Resp: 895601





#90

Benzo(b)fluoranthene

Concen: 22.710 ng/ul

RT: 22.809 min Scan# 3353

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :

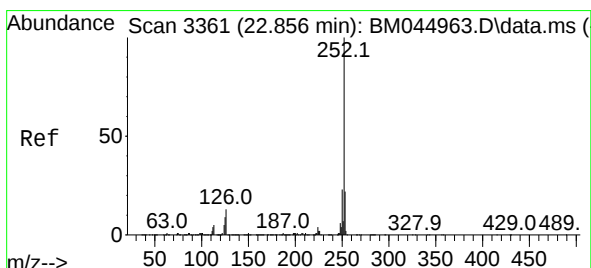
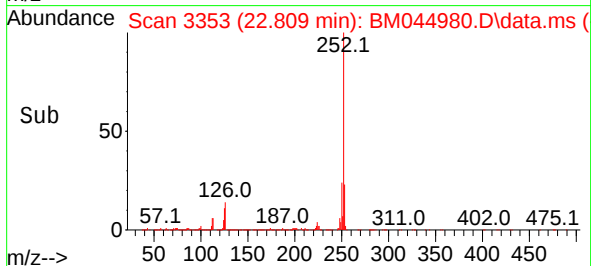
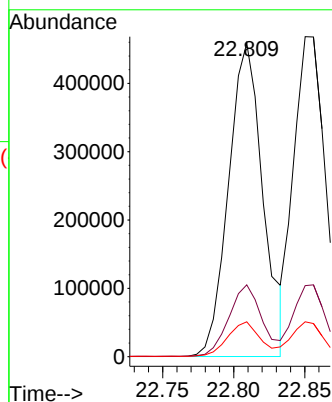
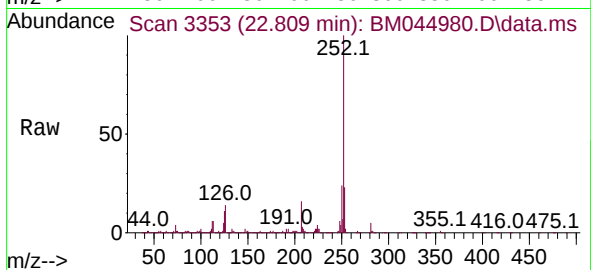
Tgt Ion:252 Resp: 772050

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 11.1 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 21.217 ng/ul

RT: 22.850 min Scan# 3360

Delta R.T. -0.006 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

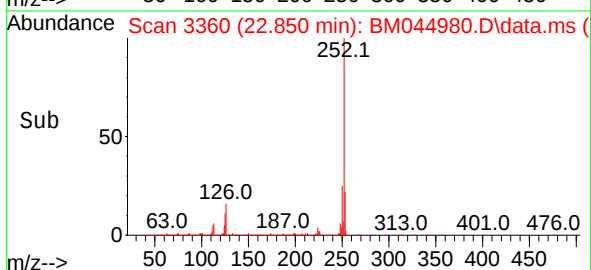
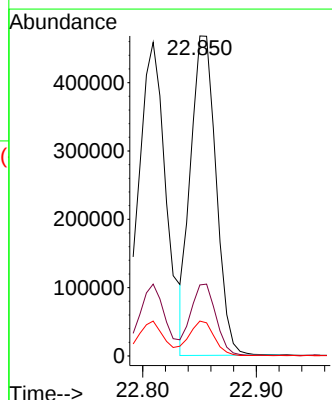
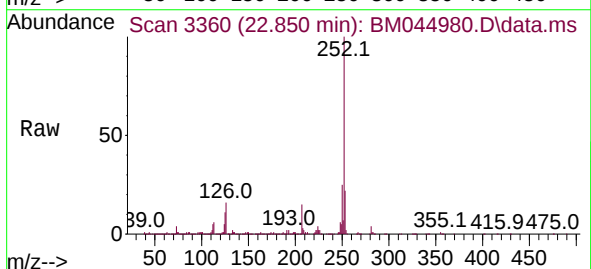
Tgt Ion:252 Resp: 726003

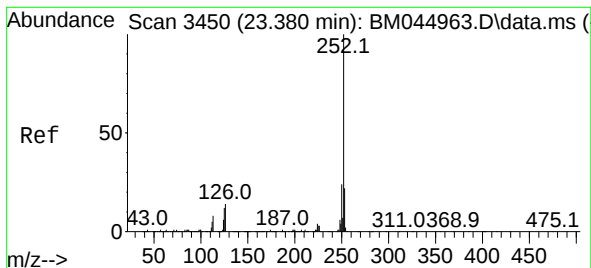
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.9 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.647 ng/ul

RT: 23.380 min Scan# 34

Delta R.T. -0.000 min

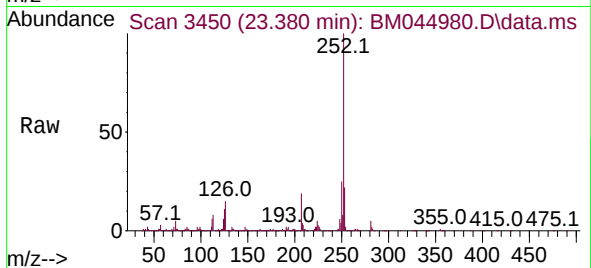
Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :



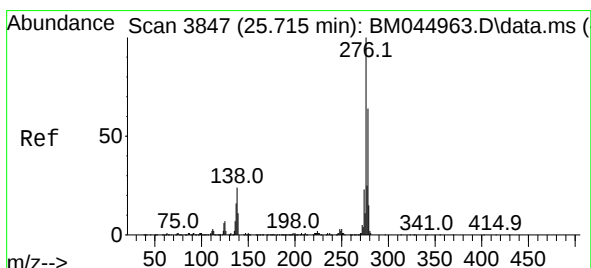
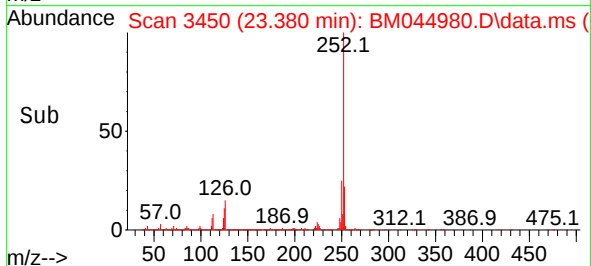
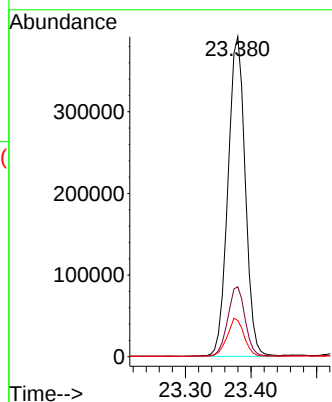
Tgt Ion:252 Resp: 716205

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.3 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.917 ng/ul

RT: 25.715 min Scan# 3847

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

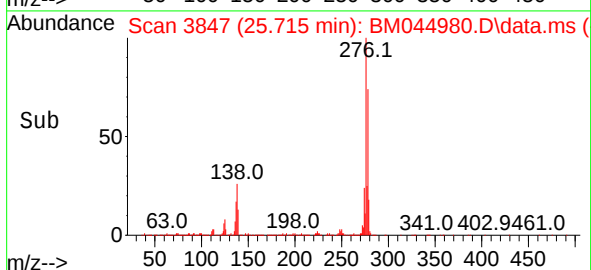
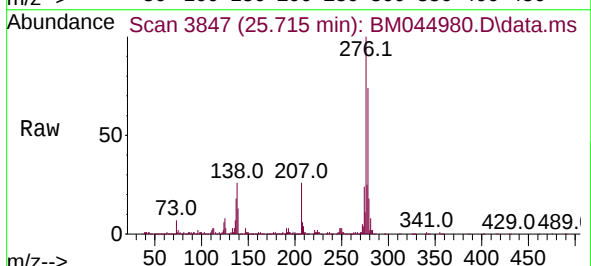
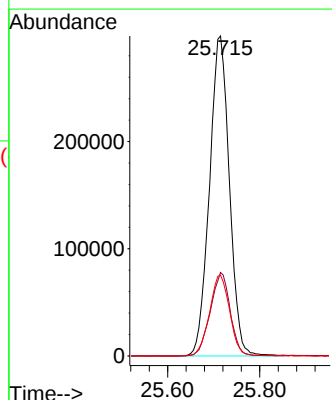
Tgt Ion:276 Resp: 896468

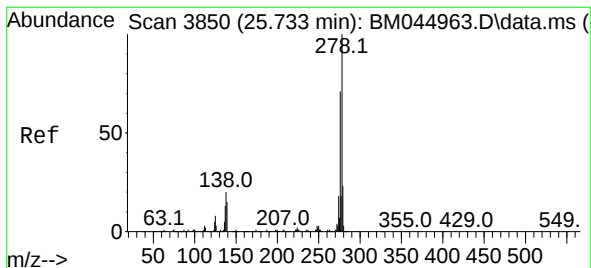
Ion Ratio Lower Upper

276 100

138 26.1 19.0 28.6

277 25.3 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 21.032 ng/ul

RT: 25.727 min Scan# 3849

Delta R.T. -0.006 min

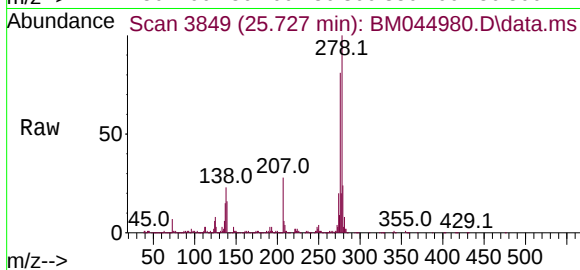
Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Instrument :

BNA_M

ClientSampleId :



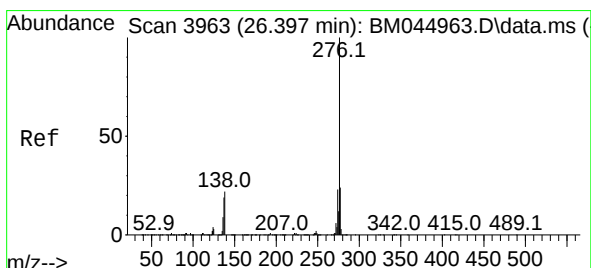
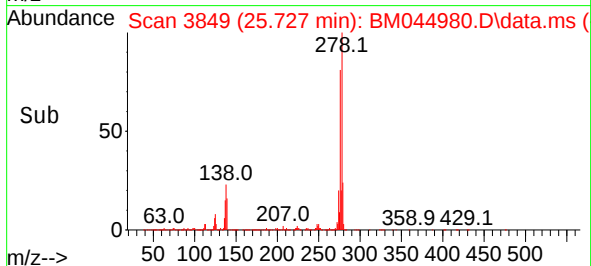
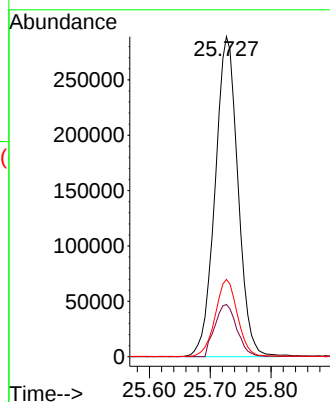
Tgt Ion:278 Resp: 753606

Ion Ratio Lower Upper

278 100

139 16.3 11.9 17.9

279 24.1 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 20.964 ng/ul

RT: 26.397 min Scan# 3963

Delta R.T. -0.000 min

Lab File: BM044980.D

Acq: 06 Apr 2024 21:27

Tgt Ion:276 Resp: 708812

Ion Ratio Lower Upper

276 100

138 21.3 17.8 26.6

277 23.5 18.7 28.1

