

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044974.D
 Acq On : 06 Apr 2024 17:16
 Operator : MA/JU
 Sample : P2018-09MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 08 01:52:04 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	88484	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	381985	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	238643	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	509856	20.000	ng/ul	0.00
79) Chrysene-d12	21.256	240	484965	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	564818	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	11614	4.901	ng/uL	0.00
4) Pyridine-d5	3.610	84	100377	15.577	ng/ul	0.00
7) Phenol-d5	6.816	99	167103	22.277	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	100295	22.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	139344	23.711	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	138705	23.623	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	69743	23.770	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	79280	25.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	142999	25.184	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	108983	12.055	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	408690	24.596	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	476911	24.295	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	64525	18.607	ng/ul	0.00
60) Fluorene-d10	15.286	176	356225	24.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	64462	21.323	ng/ul	0.00
73) Anthracene-d10	17.139	188	563179	24.554	ng/ul	0.00
81) Pyrene-d10	19.451	212	666466	27.909	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.339	264	693327	25.163	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	18629	7.528	ng/uL#	85
5) Pyridine	3.628	79	128608	18.836	ng/ul	95
6) Benzaldehyde	6.798	77	103659	29.810	ng/ul	99
8) Phenol	6.840	94	205285	26.427	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.081	93	171197	28.239	ng/ul	93
12) 2-Chlorophenol	7.198	128	151245	24.526	ng/ul	98
13) 2-Methylphenol	8.081	108	140829	24.562	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.151	45	74968	10.368	ng/ul	99
16) Acetophenone	8.463	105	242651	25.419	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.445	70	109582	24.313	ng/ul#	97
18) 4-Methylphenol	8.410	108	158601	25.664	ng/ul	100
19) Hexachloroethane	8.687	117	63359	23.360	ng/ul	98
22) Nitrobenzene	8.840	77	168804	23.449	ng/ul	99
23) Isophorone	9.357	82	318238	24.061	ng/ul	99
25) 2-Nitrophenol	9.539	139	86275	25.099	ng/ul	92
26) 2,4-Dimethylphenol	9.598	107	167137	25.221	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.845	93	185806	23.697	ng/ul	100
29) 2,4-Dichlorophenol	10.063	162	147627	25.734	ng/ul	96
30) Naphthalene	10.457	128	457576	22.629	ng/ul	99
32) 4-Chloroaniline	10.592	127	117524	13.360	ng/ul	98
33) Hexachlorobutadiene	10.722	225	79337	22.243	ng/ul	90
34) Caprolactam	11.392	113	49831	25.729	ng/ul	98
35) 4-Chloro-3-methylphenol	11.716	107	154063	27.015	ng/ul	98
36) 2-Methylnaphthalene	12.080	142	310190	23.494	ng/ul	99

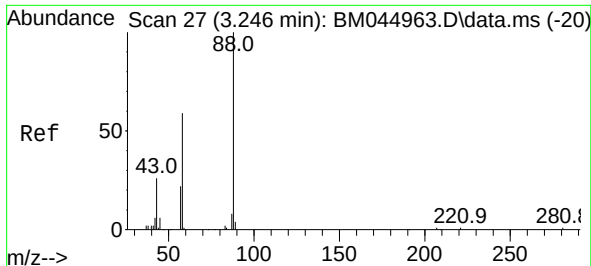
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 01:45:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	318226	23.818	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	152437	23.357	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	68914	17.443	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	117274	27.546	ng/ul	98
42) 2,4,5-Trichlorophenol	12.780	196	126332	26.931	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	405469	24.061	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	327677	23.934	ng/ul	99
45) 2-Nitroaniline	13.375	65	102303	27.069	ng/ul	98
47) Dimethylphthalate	13.757	163	408979	23.548	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	85693	25.174	ng/ul	96
50) Acenaphthylene	14.004	152	543480	23.706	ng/ul	100
51) 3-Nitroaniline	14.233	138	15666	4.219	ng/ul	90
52) Acenaphthene	14.345	153	359331	23.488	ng/ul	100
53) 2,4-Dinitrophenol	14.427	184	47484	23.462	ng/ul	94
55) 4-Nitrophenol	14.539	109	72256	23.692	ng/ul	92
56) Dibenzofuran	14.686	168	500113	23.890	ng/ul	97
57) 2,4-Dinitrotoluene	14.680	165	130327	25.577	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.916	232	107466	26.768	ng/ul	99
59) Diethylphthalate	15.127	149	451203	25.465	ng/ul	99
61) Fluorene	15.339	166	419386	23.769	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.339	204	192246	23.246	ng/ul	95
63) 4-Nitroaniline	15.398	138	10449	3.095	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.439	198	72886	22.513	ng/ul	100
67) N-Nitrosodiphenylamine	15.563	169	342343	24.890	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	121886	24.546	ng/ul	95
69) Hexachlorobenzene	16.339	284	150267	23.263	ng/ul	97
70) Atrazine	16.533	200	125600	24.826	ng/ul	99
71) Pentachlorophenol	16.692	266	101739	25.929	ng/ul	97
72) Phenanthrene	17.086	178	662922	24.161	ng/ul	99
74) Anthracene	17.174	178	662170	23.593	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	158487	24.663	ng/uL	98
76) Pentachlorobenzene	14.598	250	162870	23.821	ng/uL	98
77) Carbazole	17.457	167	631978	23.352	ng/ul	99
78) Di-n-butylphthalate	18.027	149	858546	28.131	ng/ul	99
80) Fluoranthene	19.109	202	824134	29.261	ng/ul	97
82) Pyrene	19.480	202	863665	28.416	ng/ul	99
83) Butylbenzylphthalate	20.403	149	431239	33.865	ng/ul	96
85) Benzo(a)anthracene	21.239	228	837837	25.462	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	662158	33.266	ng/ul	100
87) Chrysene	21.292	228	784953	25.589	ng/ul	100
89) Di-n-octyl phthalate	22.068	149	1091882	30.725	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	857553	26.050	ng/ul	99
91) Benzo(k)fluoranthene	22.856	252	845294	25.511	ng/ul	100
93) Benzo(a)pyrene	23.380	252	717357	22.390	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.721	276	1032191	24.871	ng/ul	99
95) Dibenzo(a,h)anthracene	25.733	278	841240	24.244	ng/ul	97
96) Benzo(g,h,i)perylene	26.397	276	468235	14.301	ng/ul	98

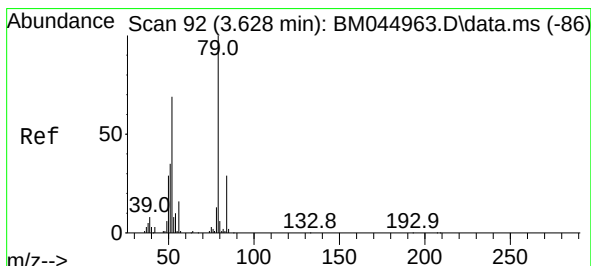
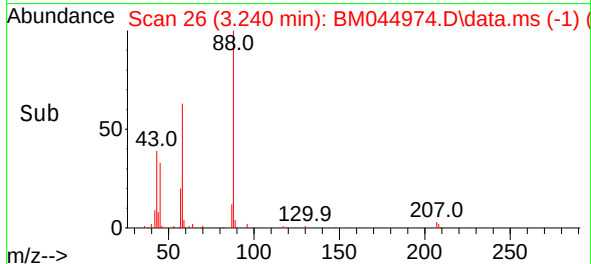
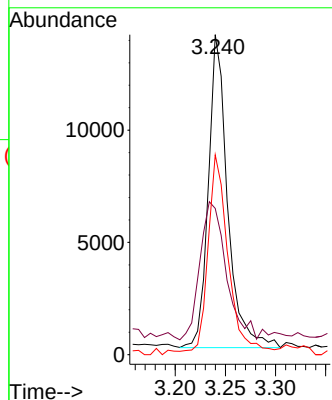
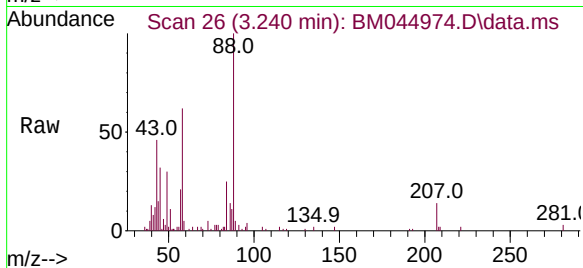
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#2
1,4-Dioxane
Concen: 7.528 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

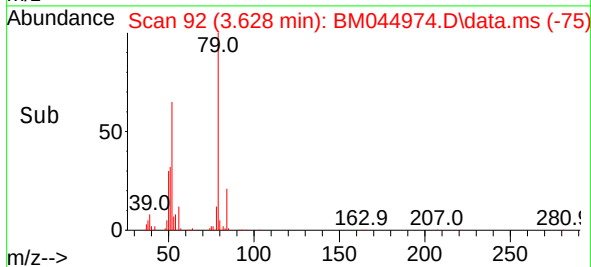
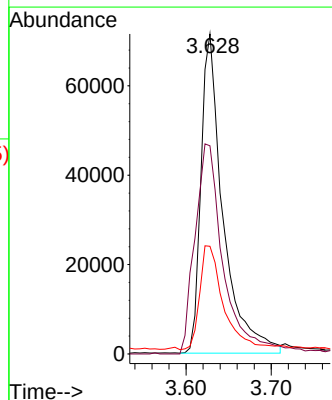
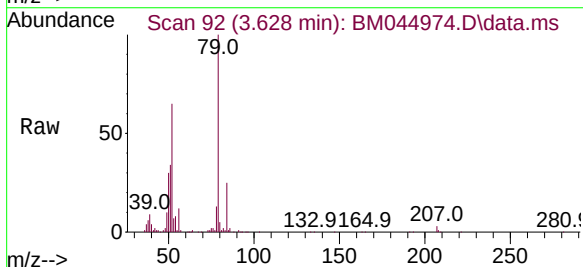
Instrument :
BNA_M
ClientSampleId :

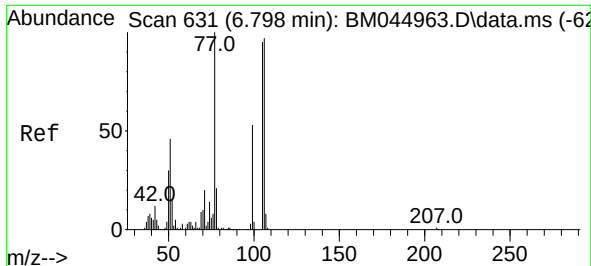
Tgt Ion: 88 Resp: 18629
Ion Ratio Lower Upper
88 100
43 45.7 24.0 36.0#
58 62.5 45.4 68.2



#5
Pyridine
Concen: 18.836 ng/uL
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion: 79 Resp: 128608
Ion Ratio Lower Upper
79 100
52 65.1 56.0 84.0
51 33.7 27.6 41.4

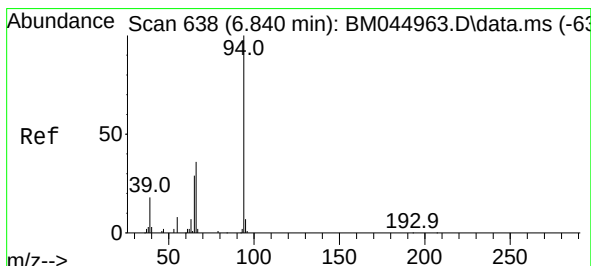
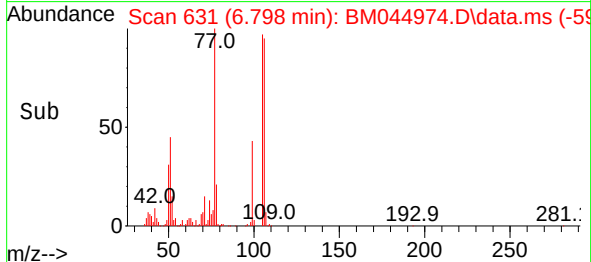
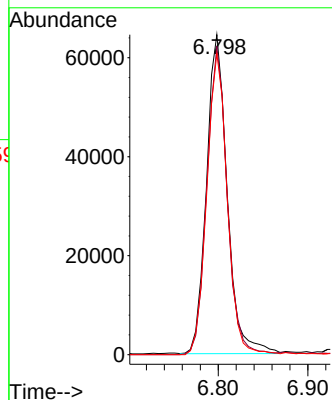
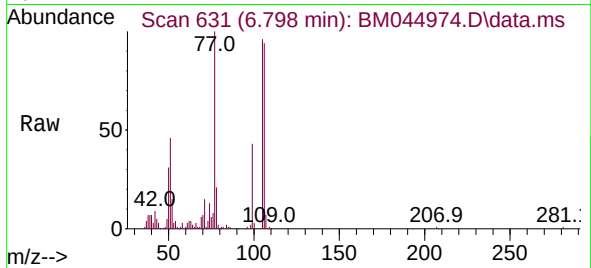




#6
Benzaldehyde
Concen: 29.810 ng/ul
RT: 6.798 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

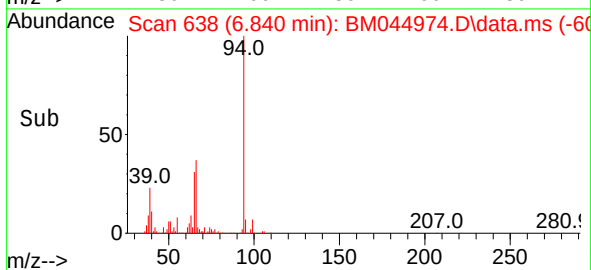
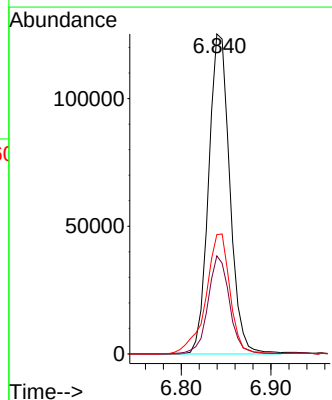
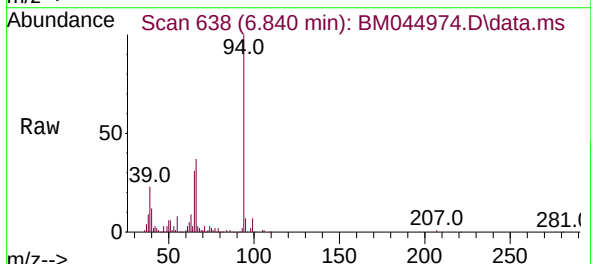
Instrument :
BNA_M
ClientSampleId :

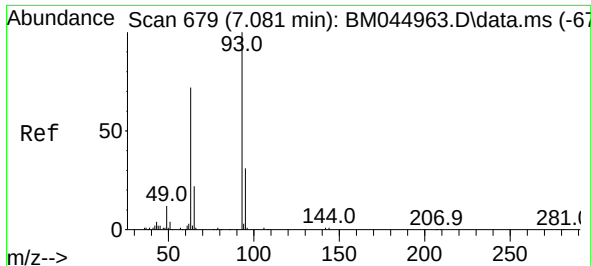
Tgt Ion: 77 Resp: 103659
Ion Ratio Lower Upper
77 100
105 96.4 75.8 113.6
106 94.1 74.6 112.0



#8
Phenol
Concen: 26.427 ng/ul
RT: 6.840 min Scan# 638
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion: 94 Resp: 205285
Ion Ratio Lower Upper
94 100
65 30.6 21.7 32.5
66 37.3 31.9 47.9





#10

Bis(2-Chloroethyl)ether

Concen: 28.239 ng/ul

RT: 7.081 min Scan# 679

Delta R.T. 0.000 min

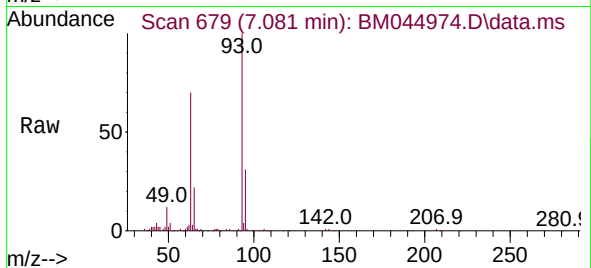
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Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :



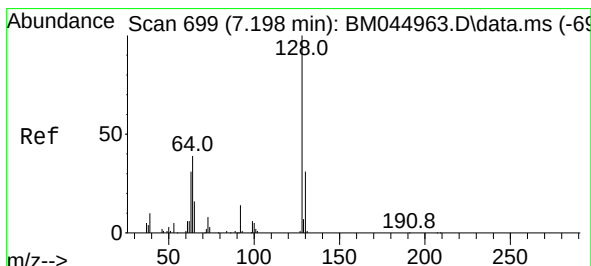
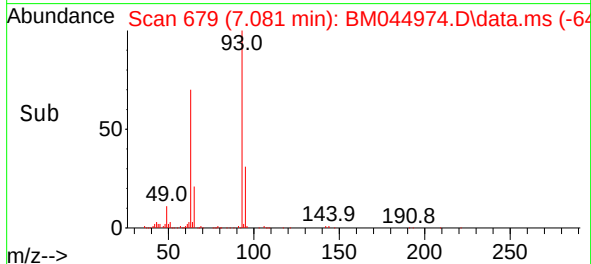
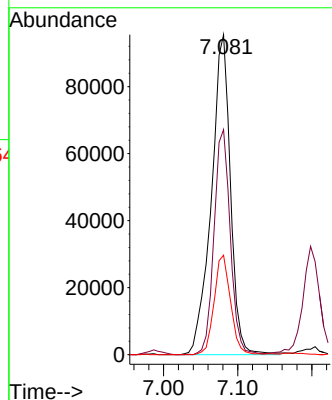
Tgt Ion: 93 Resp: 171197

Ion Ratio Lower Upper

93 100

63 70.3 61.3 91.9

95 31.1 27.6 41.4



#12

2-Chlorophenol

Concen: 24.526 ng/ul

RT: 7.198 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

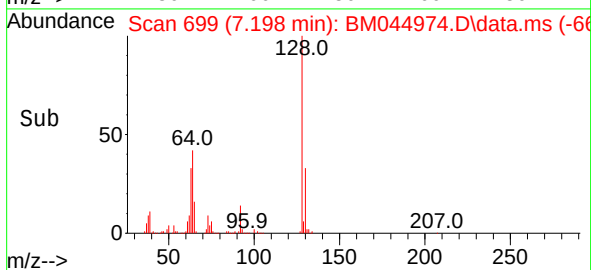
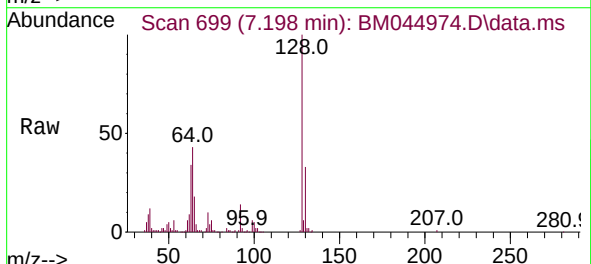
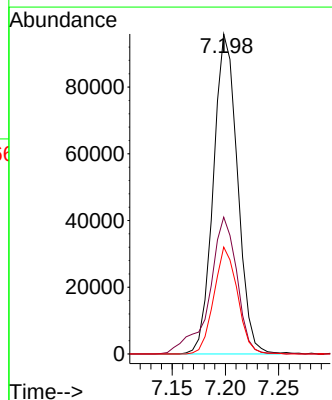
Tgt Ion:128 Resp: 151245

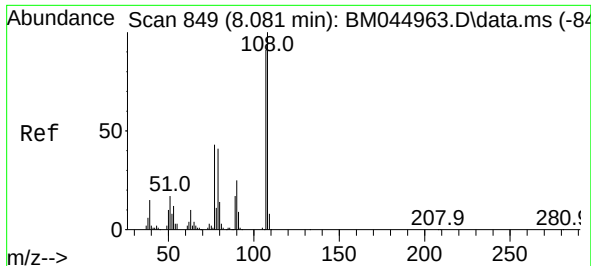
Ion Ratio Lower Upper

128 100

64 42.7 33.3 49.9

130 33.4 26.2 39.4





#13

2-Methylphenol

Concen: 24.562 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

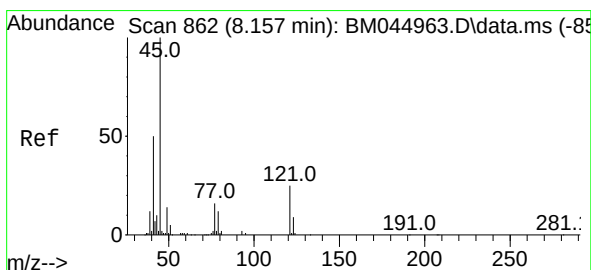
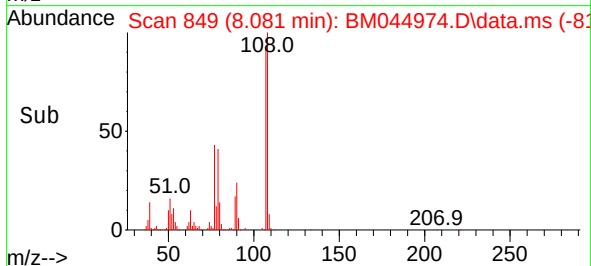
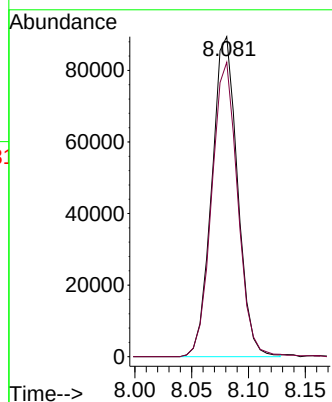
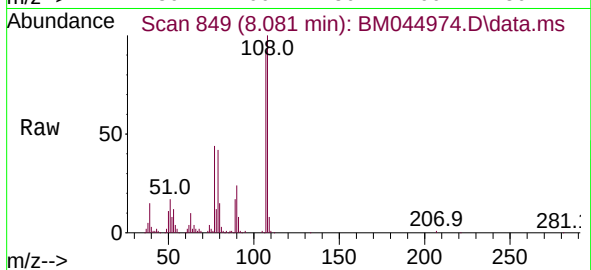
ClientSampleId :

Tgt Ion:108 Resp: 140829

Ion Ratio Lower Upper

108 100

107 92.0 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.368 ng/ul

RT: 8.151 min Scan# 861

Delta R.T. -0.006 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

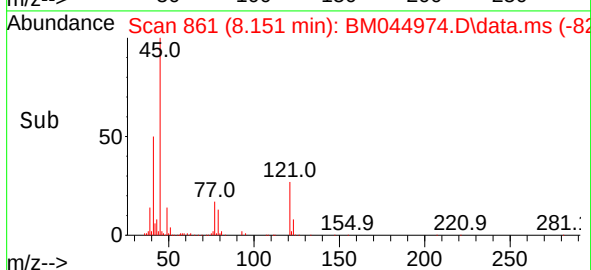
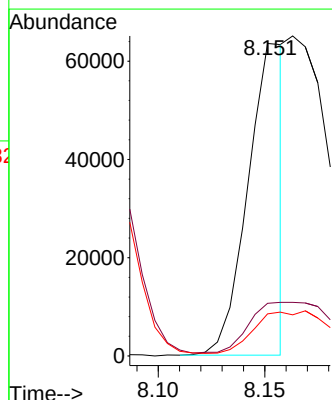
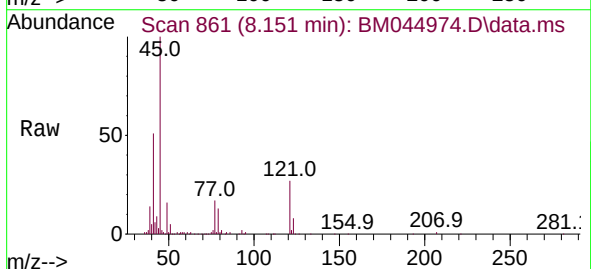
Tgt Ion: 45 Resp: 74968

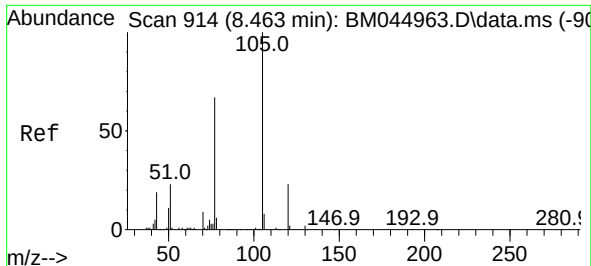
Ion Ratio Lower Upper

45 100

77 16.8 13.4 20.0

79 13.5 10.1 15.1

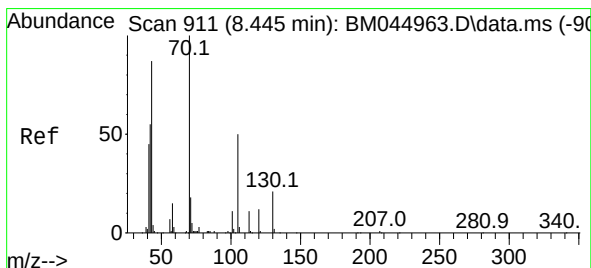
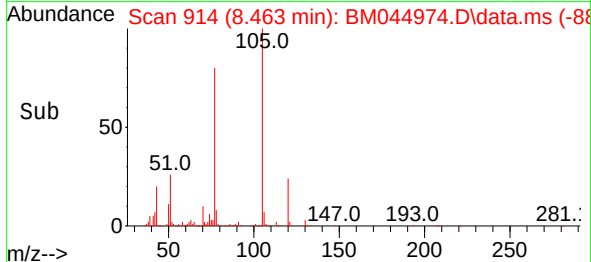
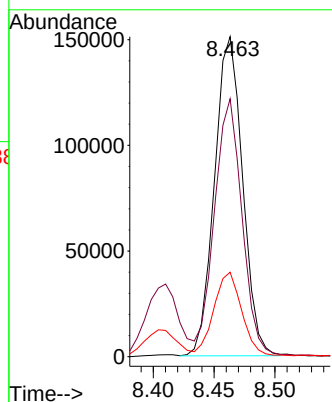
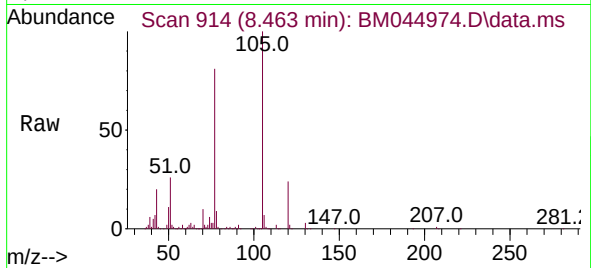




#16
Acetophenone
Concen: 25.419 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

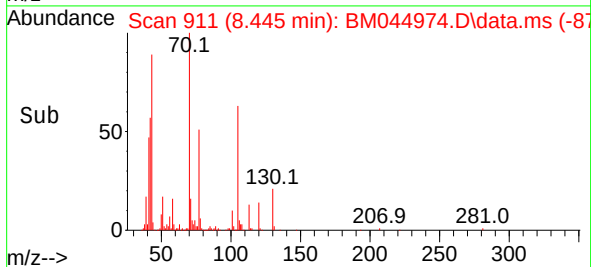
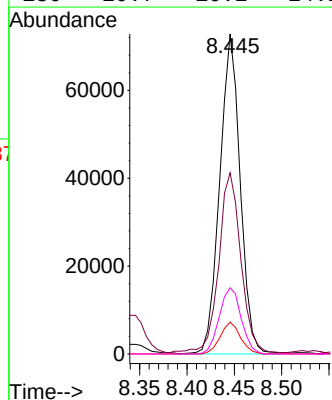
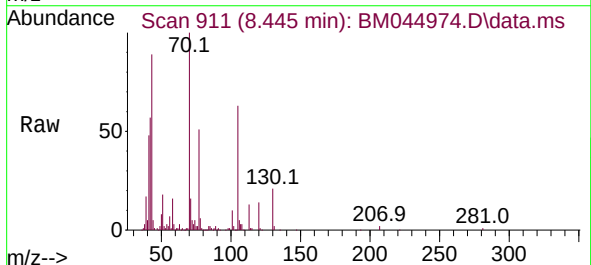
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BNA_M
ClientSampleId :

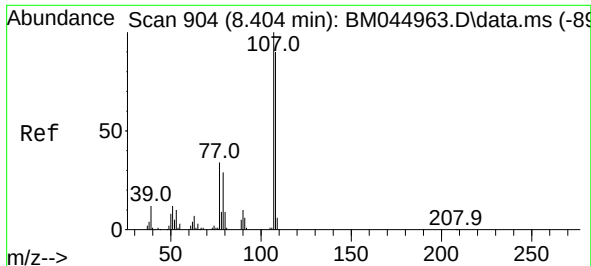
Tgt Ion:105 Resp: 242651
Ion Ratio Lower Upper
105 100
77 80.6 65.8 98.6
51 26.4 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 24.313 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion: 70 Resp: 109582
Ion Ratio Lower Upper
70 100
42 56.6 43.2 64.8
101 9.9 6.4 9.6#
130 20.7 16.2 24.2





#18

4-Methylphenol

Concen: 25.664 ng/ul

RT: 8.410 min Scan# 905

Delta R.T. 0.006 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

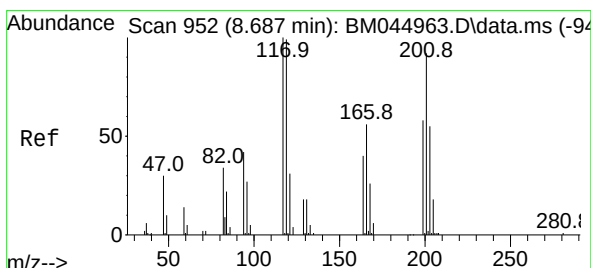
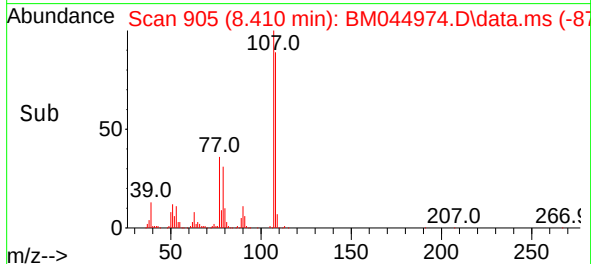
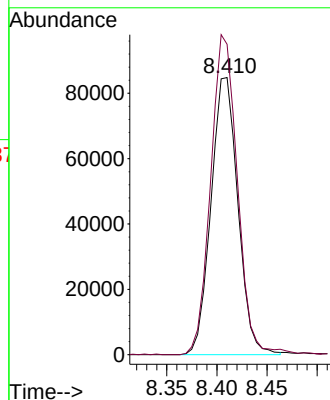
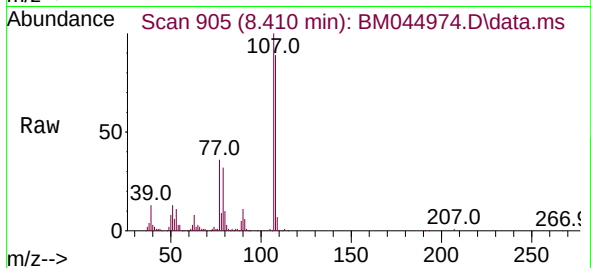
ClientSampleId :

Tgt Ion:108 Resp: 158601

Ion Ratio Lower Upper

108 100

107 112.0 90.0 135.0



#19

Hexachloroethane

Concen: 23.360 ng/ul

RT: 8.687 min Scan# 952

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

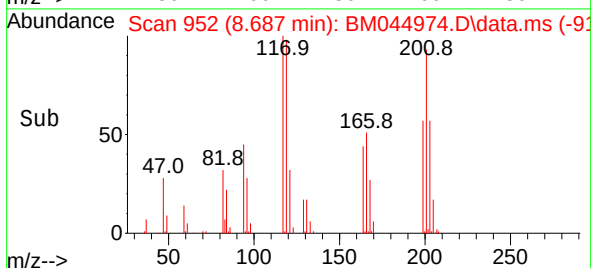
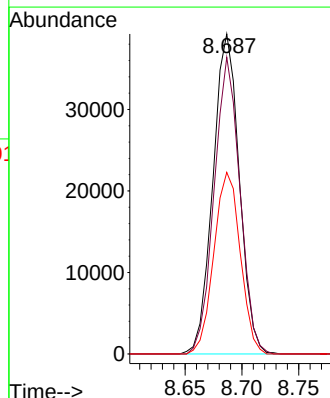
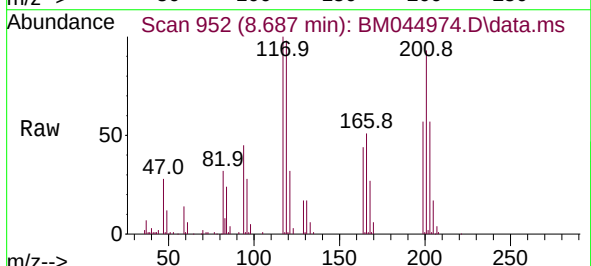
Tgt Ion:117 Resp: 63359

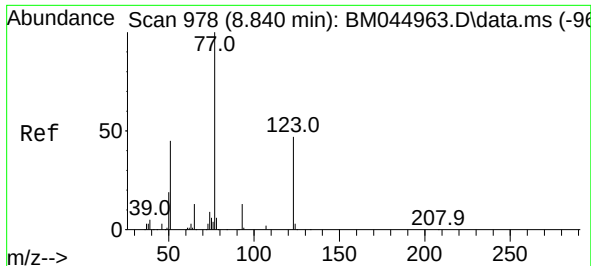
Ion Ratio Lower Upper

117 100

201 92.7 73.0 109.4

199 56.7 44.4 66.6

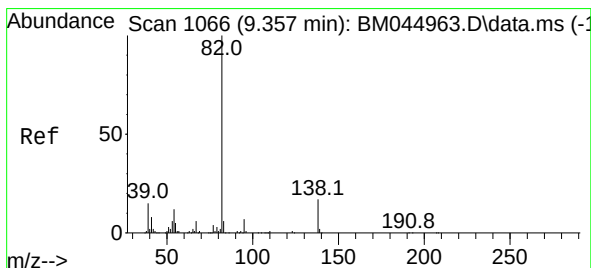
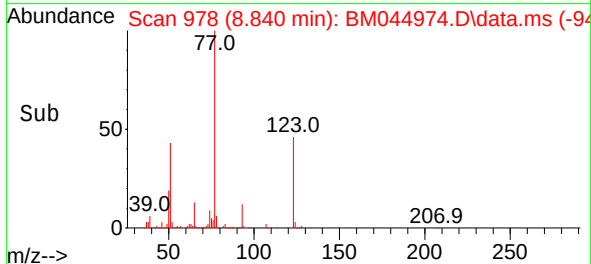
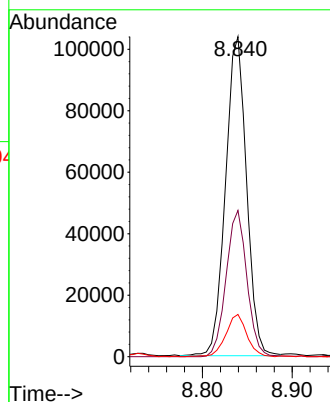
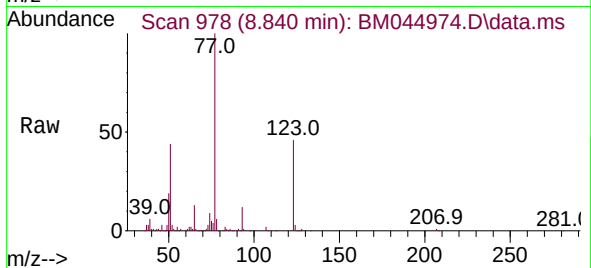




#22
Nitrobenzene
Concen: 23.449 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

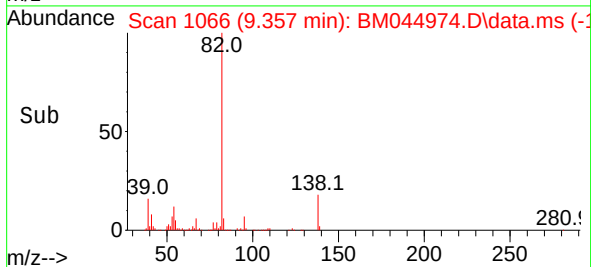
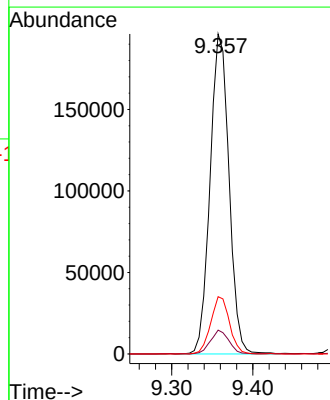
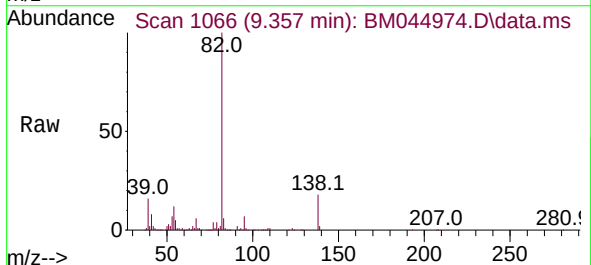
Instrument :
BNA_M
ClientSampleId :

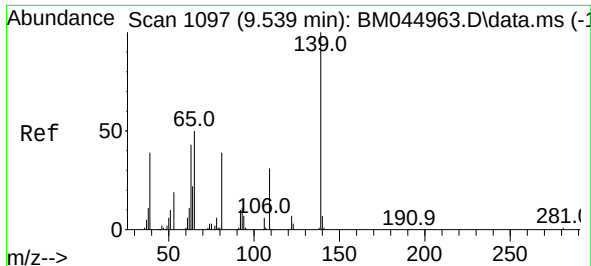
Tgt Ion: 77 Resp: 168804
Ion Ratio Lower Upper
77 100
123 45.7 37.4 56.2
65 13.2 10.7 16.1



#23
Isophorone
Concen: 24.061 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion: 82 Resp: 318238
Ion Ratio Lower Upper
82 100
95 7.5 5.1 7.7
138 17.9 14.2 21.4

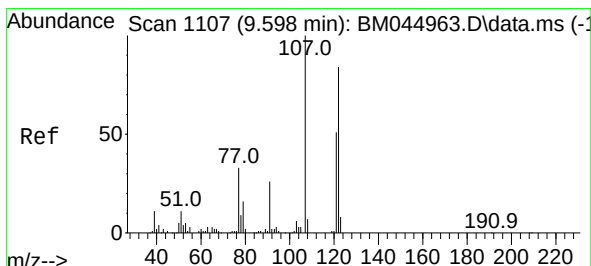
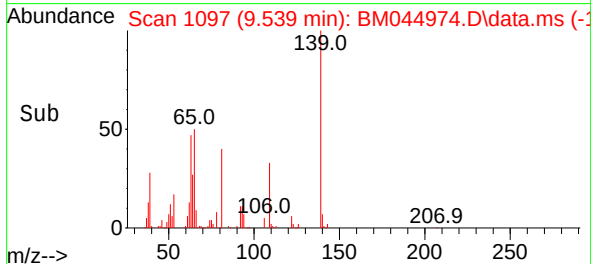
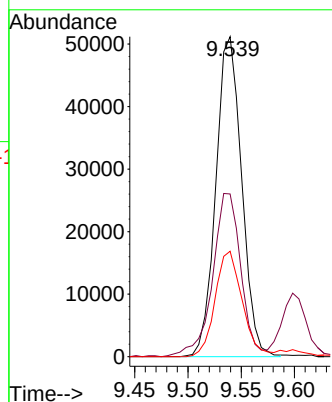
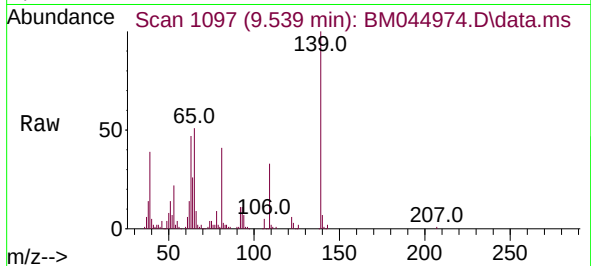




#25
2-Nitrophenol
Concen: 25.099 ng/ul
RT: 9.539 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

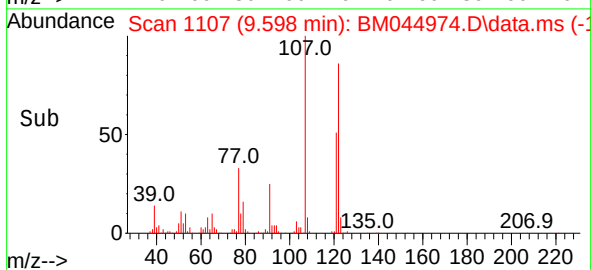
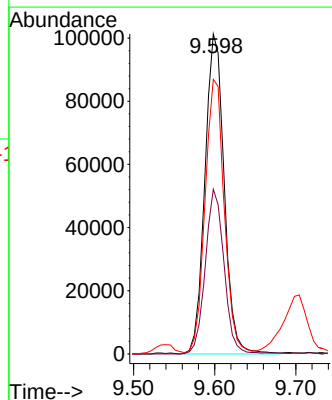
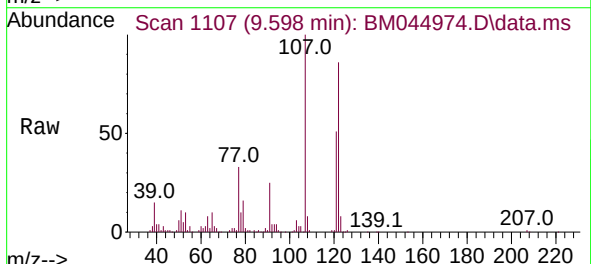
Instrument :
BNA_M
ClientSampleId :

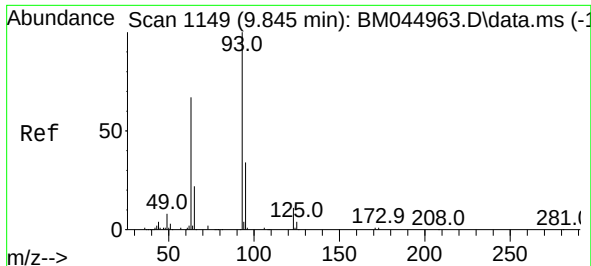
Tgt Ion:139 Resp: 86275
Ion Ratio Lower Upper
139 100
65 50.8 34.9 52.3
109 32.9 24.4 36.6



#26
2,4-Dimethylphenol
Concen: 25.221 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:107 Resp: 167137
Ion Ratio Lower Upper
107 100
121 51.5 41.1 61.7
122 85.8 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 23.697 ng/ul

RT: 9.845 min Scan# 1149

Delta R.T. 0.000 min

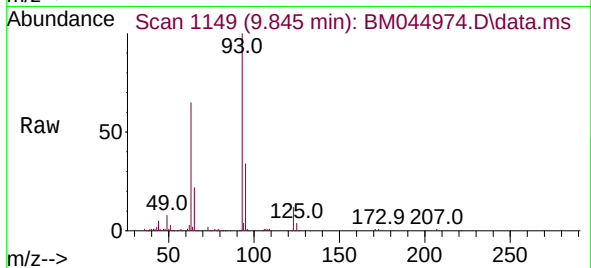
Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :



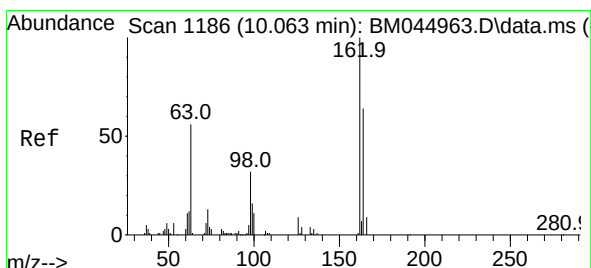
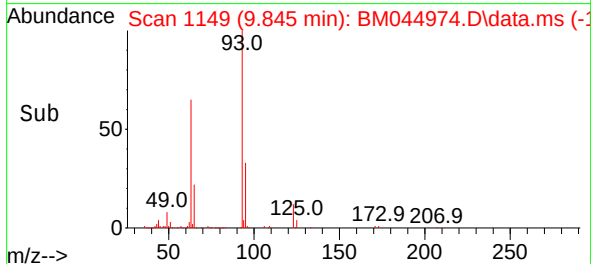
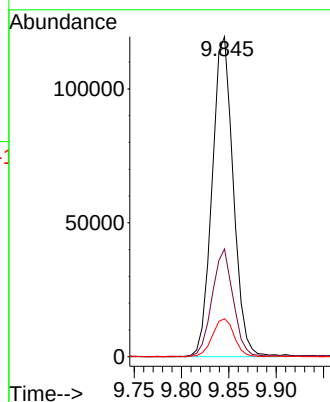
Tgt Ion: 93 Resp: 185806

Ion Ratio Lower Upper

93 100

95 33.7 26.9 40.3

123 11.9 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 25.734 ng/ul

RT: 10.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

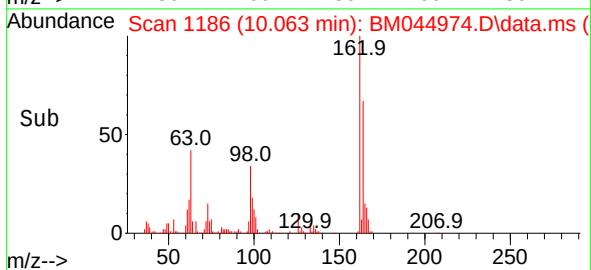
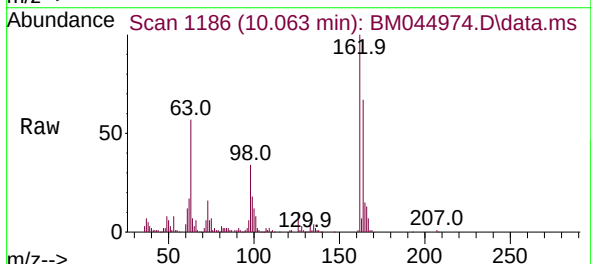
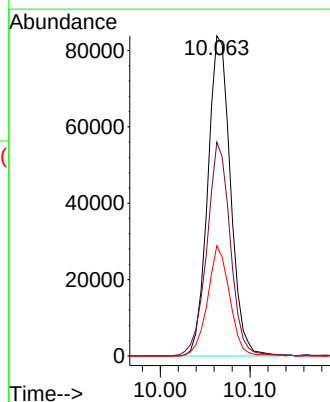
Tgt Ion:162 Resp: 147627

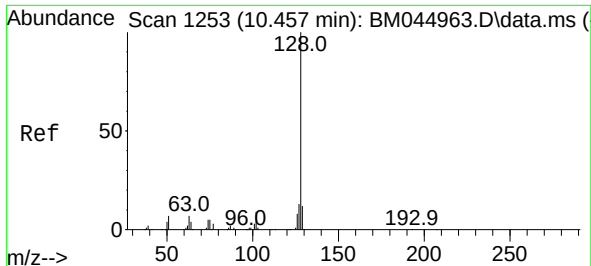
Ion Ratio Lower Upper

162 100

164 66.8 50.4 75.6

98 34.5 27.0 40.4





#30

Naphthalene

Concen: 22.629 ng/ul

RT: 10.457 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

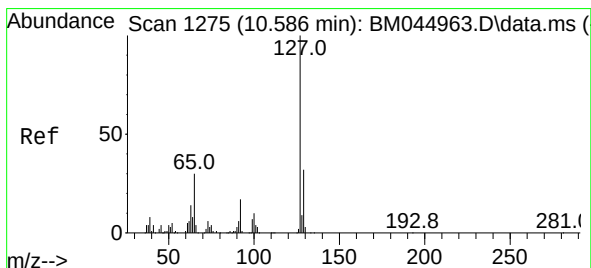
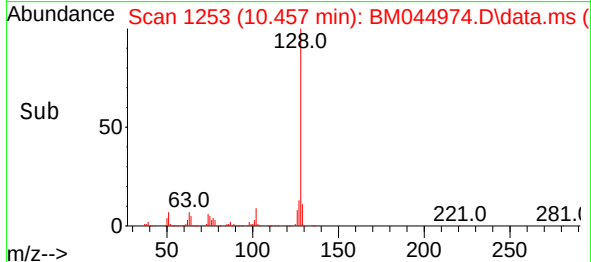
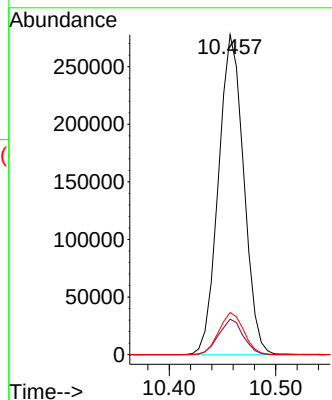
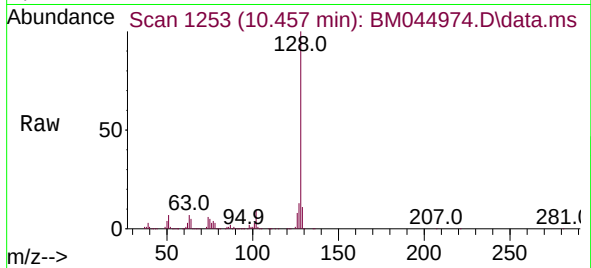
Tgt Ion:128 Resp: 457576

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 13.1 10.2 15.4



#32

4-Chloroaniline

Concen: 13.360 ng/ul

RT: 10.592 min Scan# 1276

Delta R.T. 0.006 min

Lab File: BM044974.D

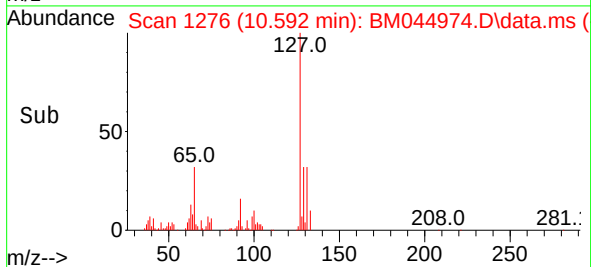
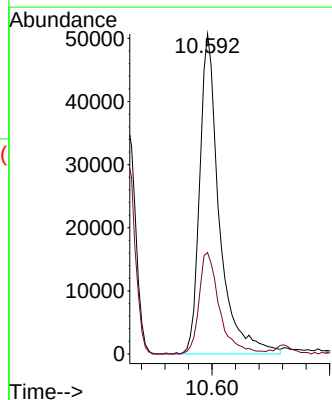
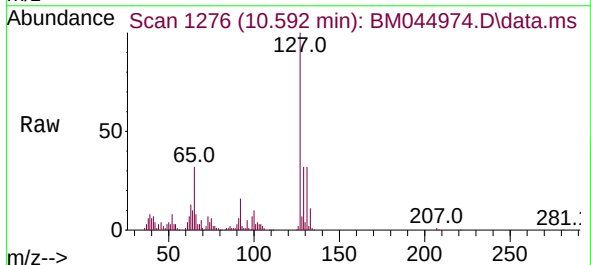
Acq: 06 Apr 2024 17:16

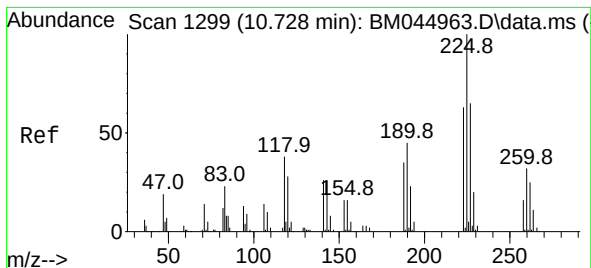
Tgt Ion:127 Resp: 117524

Ion Ratio Lower Upper

127 100

129 31.7 26.2 39.2





#33

Hexachlorobutadiene

Concen: 22.243 ng/ul

RT: 10.722 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

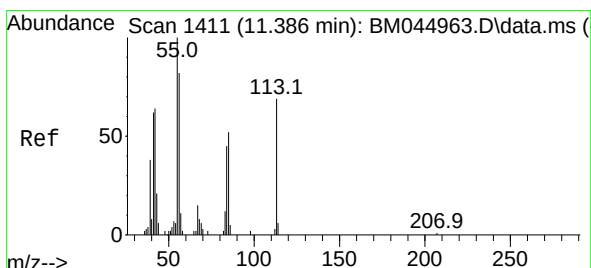
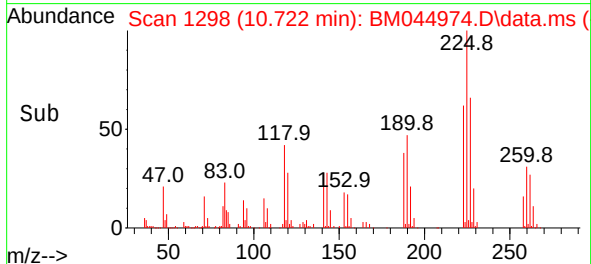
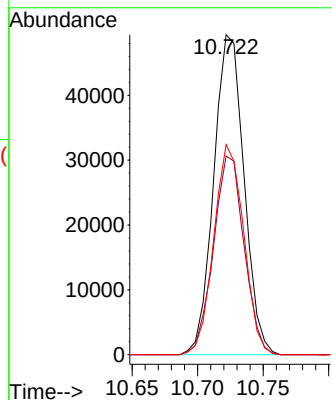
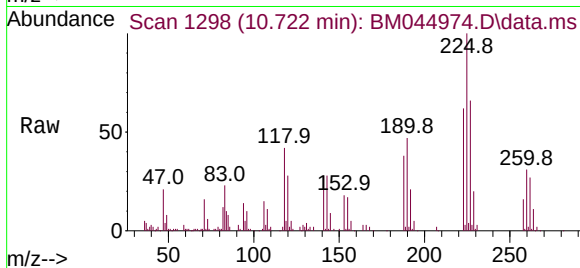
Tgt Ion:225 Resp: 79337

Ion Ratio Lower Upper

225 100

223 65.3 45.3 67.9

227 65.6 47.6 71.4



#34

Caprolactam

Concen: 25.729 ng/ul

RT: 11.392 min Scan# 1412

Delta R.T. 0.006 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

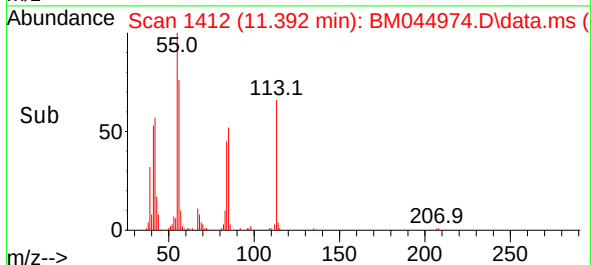
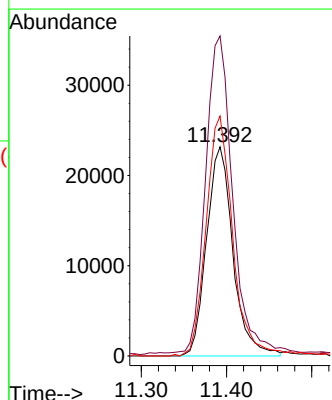
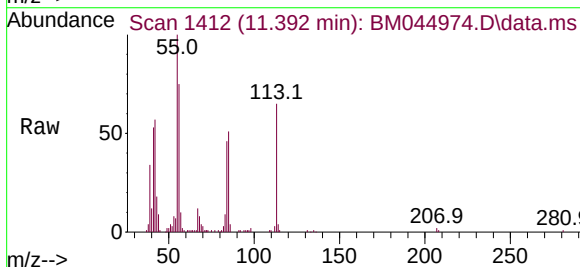
Tgt Ion:113 Resp: 49831

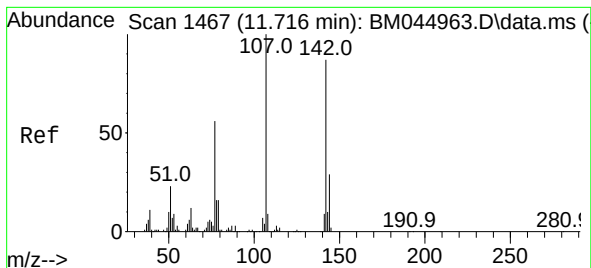
Ion Ratio Lower Upper

113 100

55 153.0 125.4 188.0

56 114.6 91.8 137.8

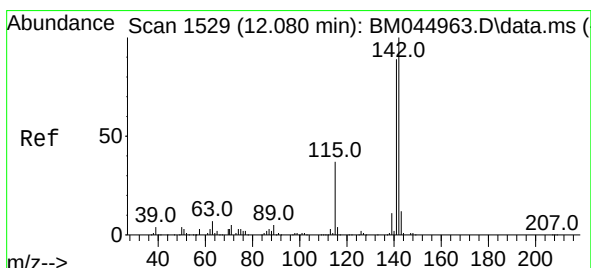
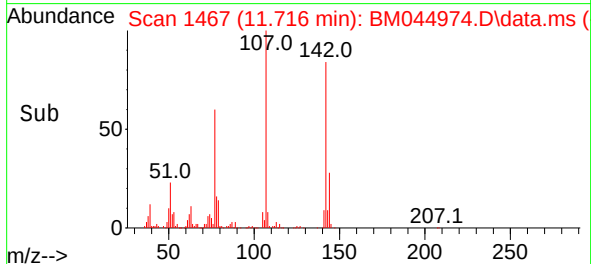
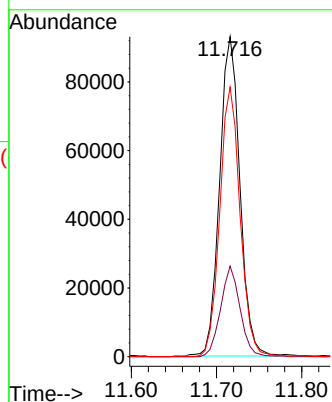
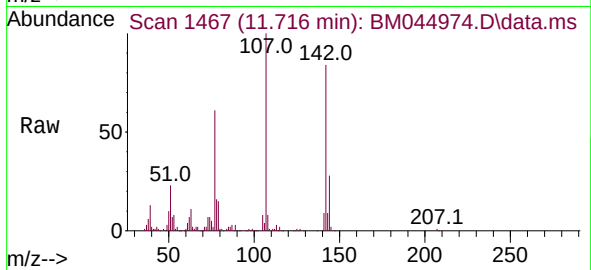




#35
 4-Chloro-3-methylphenol
 Concen: 27.015 ng/ul
 RT: 11.716 min Scan# 1467
 Delta R.T. 0.000 min
 Lab File: BM044974.D
 Acq: 06 Apr 2024 17:16

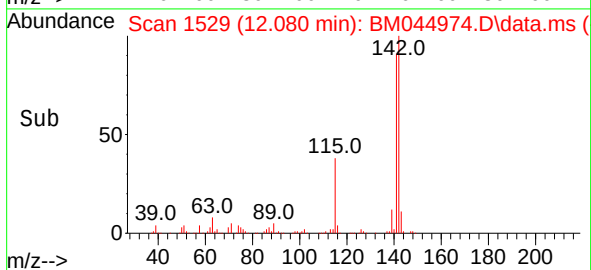
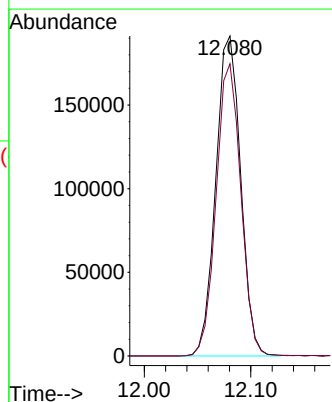
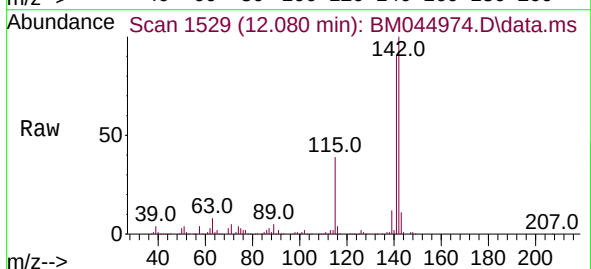
Instrument :
 BNA_M
 ClientSampleId :

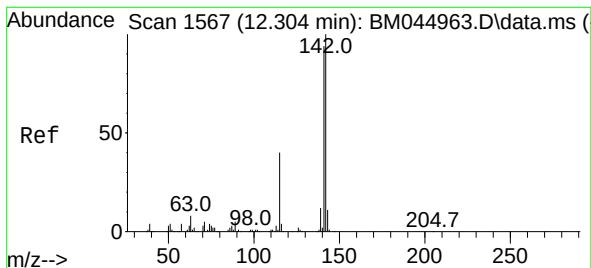
Tgt Ion:107 Resp: 154063
 Ion Ratio Lower Upper
 107 100
 144 28.3 22.8 34.2
 142 84.3 69.8 104.6



#36
 2-Methylnaphthalene
 Concen: 23.494 ng/ul
 RT: 12.080 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: BM044974.D
 Acq: 06 Apr 2024 17:16

Tgt Ion:142 Resp: 310190
 Ion Ratio Lower Upper
 142 100
 141 91.3 72.3 108.5





#37

1-Methylnaphthalene

Concen: 23.818 ng/ul

RT: 12.304 min Scan# 1567

Delta R.T. 0.000 min

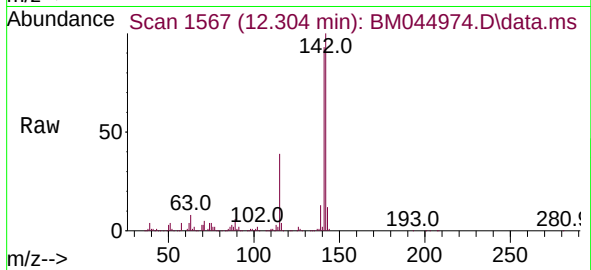
Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :



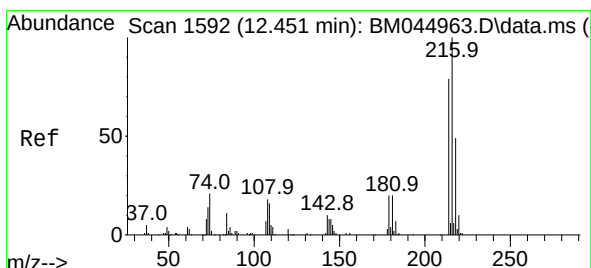
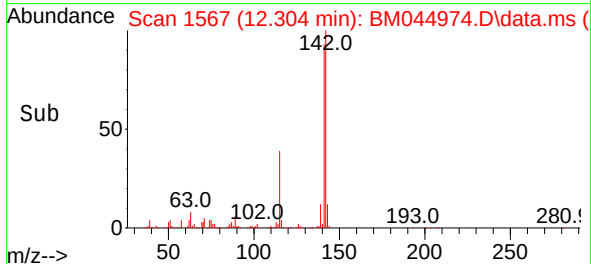
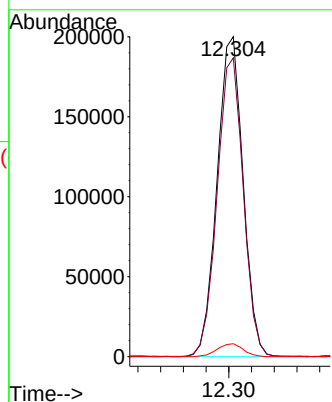
Tgt Ion:142 Resp: 318226

Ion Ratio Lower Upper

142 100

141 93.4 77.2 115.8

116 4.0 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.357 ng/ul

RT: 12.451 min Scan# 1592

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Tgt Ion:216 Resp: 152437

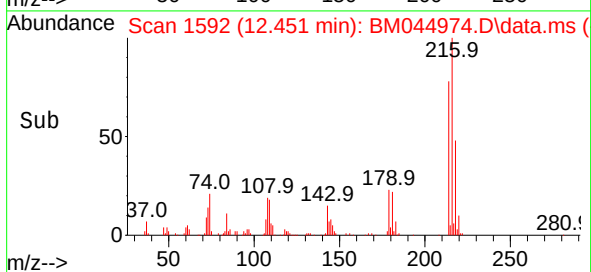
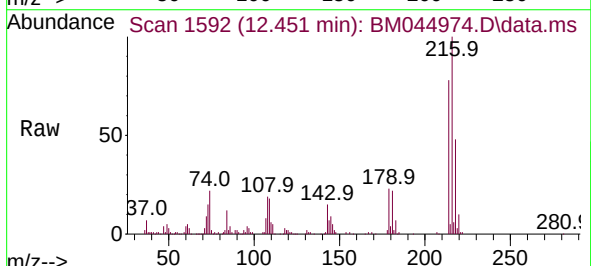
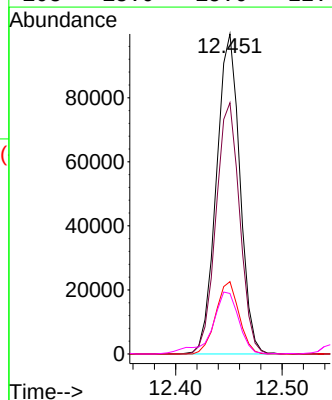
Ion Ratio Lower Upper

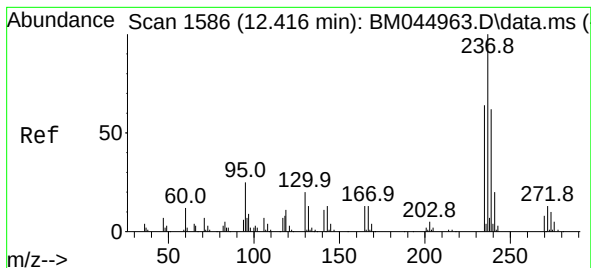
216 100

214 78.5 63.5 95.3

179 22.6 16.6 25.0

108 18.9 15.0 22.4





#40

Hexachlorocyclopentadiene

Concen: 17.443 ng/ul

RT: 12.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

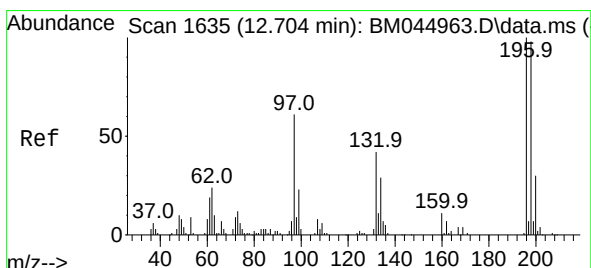
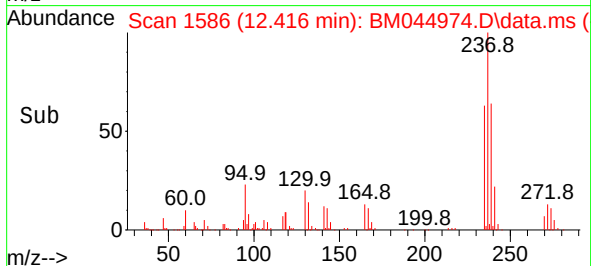
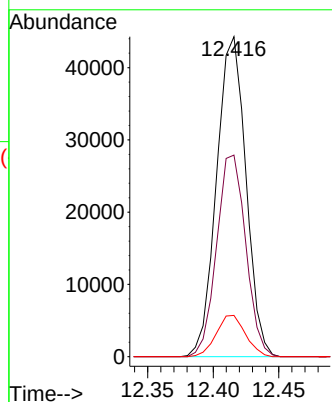
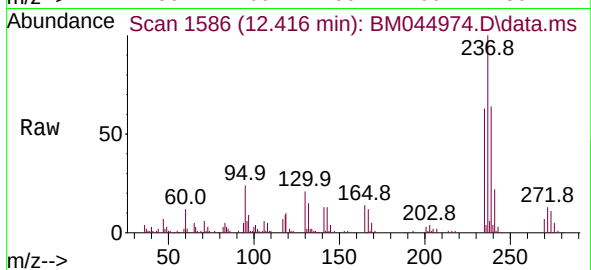
Tgt Ion:237 Resp: 68914

Ion Ratio Lower Upper

237 100

235 63.0 51.3 76.9

272 12.9 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 27.546 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

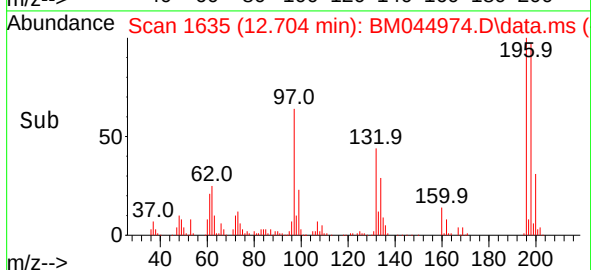
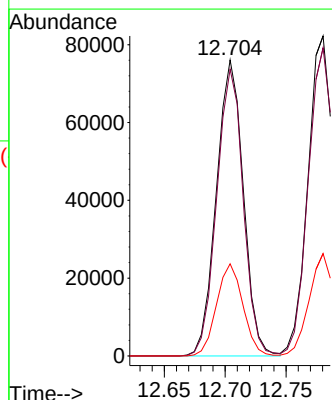
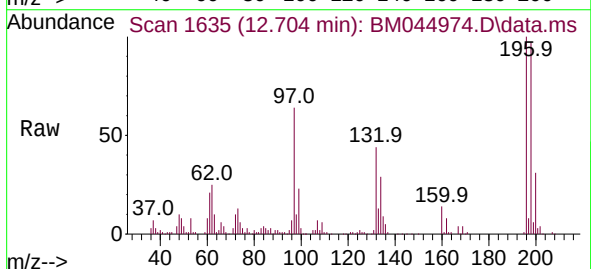
Tgt Ion:196 Resp: 117274

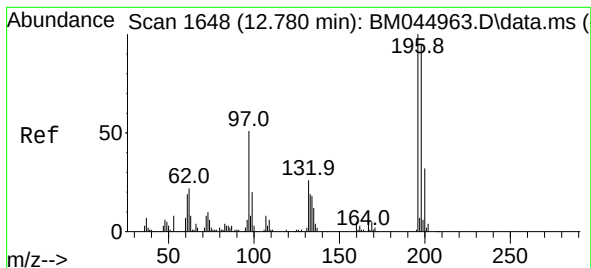
Ion Ratio Lower Upper

196 100

198 96.9 79.4 119.2

200 31.1 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 26.931 ng/ul

RT: 12.780 min Scan# 1

Delta R.T. 0.000 min

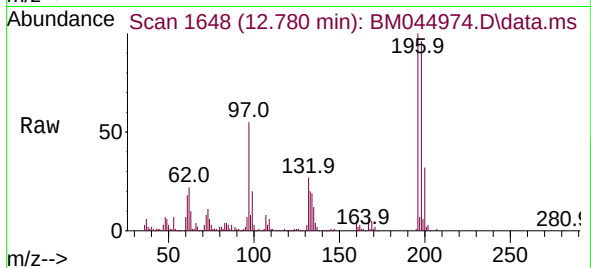
Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :



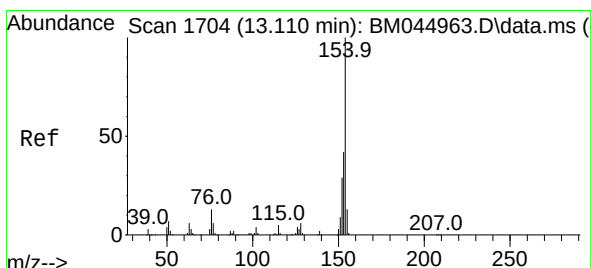
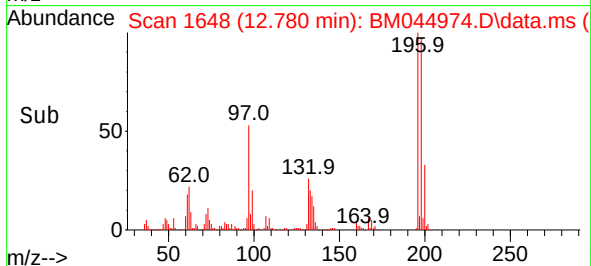
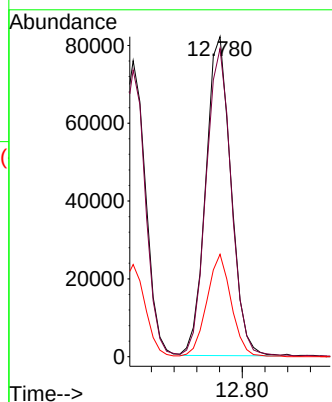
Tgt Ion:196 Resp: 126332

Ion Ratio Lower Upper

196 100

198 96.3 79.9 119.9

200 32.0 25.6 38.4



#43

1,1'-Biphenyl

Concen: 24.061 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

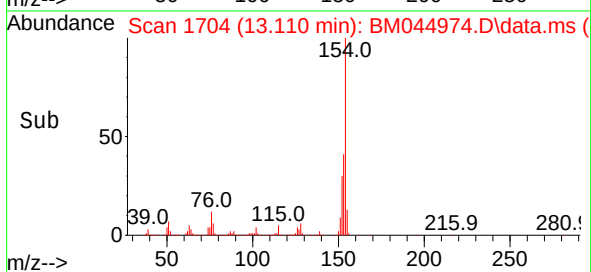
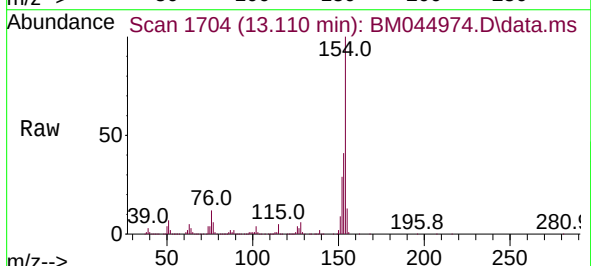
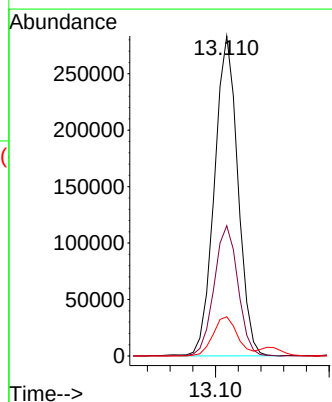
Tgt Ion:154 Resp: 405469

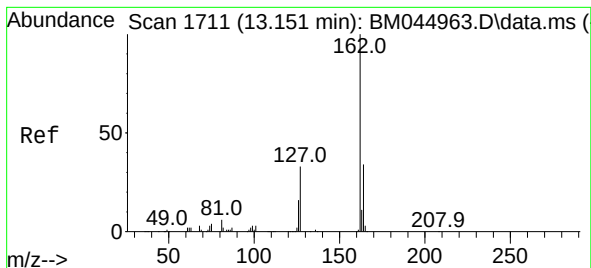
Ion Ratio Lower Upper

154 100

153 40.7 31.6 47.4

76 12.3 10.4 15.6





#44

2-Chloronaphthalene

Concen: 23.934 ng/ul

RT: 13.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

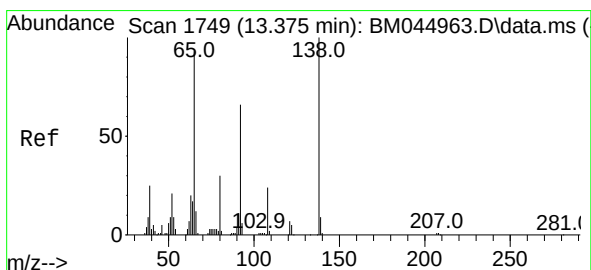
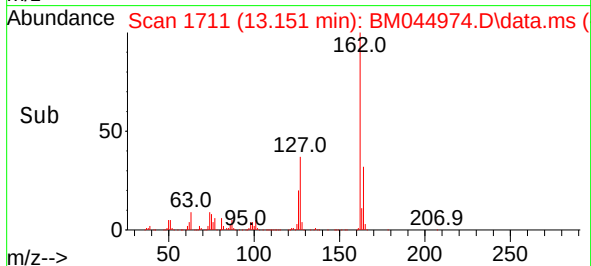
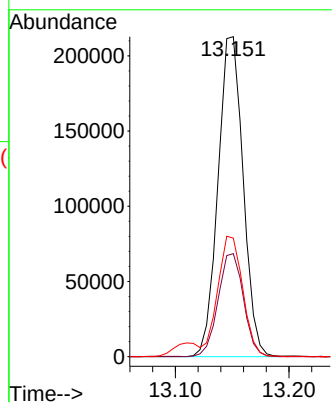
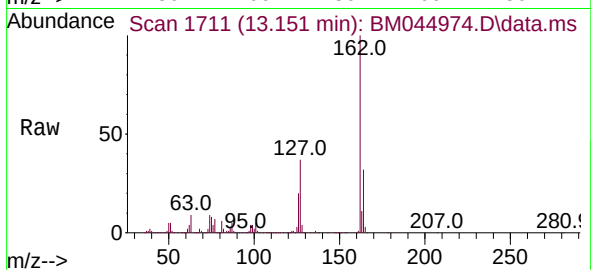
Tgt Ion:162 Resp: 327677

Ion Ratio Lower Upper

162 100

164 32.2 26.1 39.1

127 37.0 30.1 45.1



#45

2-Nitroaniline

Concen: 27.069 ng/ul

RT: 13.375 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

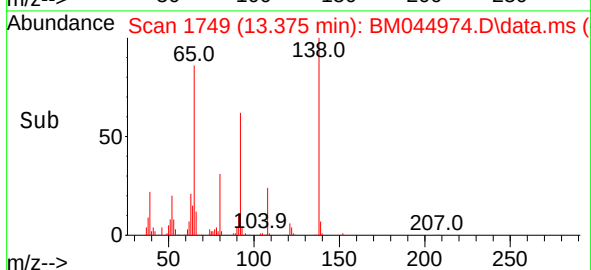
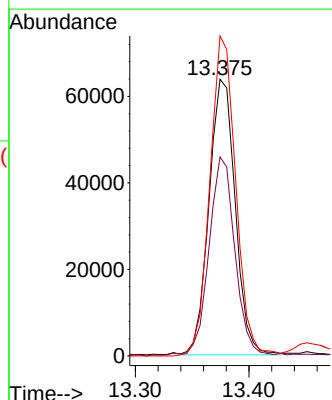
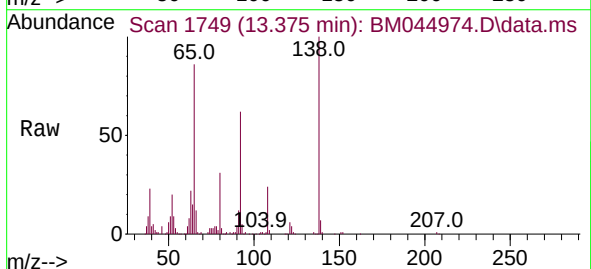
Tgt Ion: 65 Resp: 102303

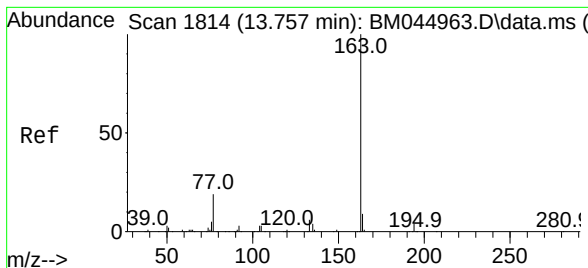
Ion Ratio Lower Upper

65 100

92 71.9 55.2 82.8

138 115.7 93.0 139.4





#47

Dimethylphthalate

Concen: 23.548 ng/ul

RT: 13.757 min Scan# 1814

Delta R.T. 0.000 min

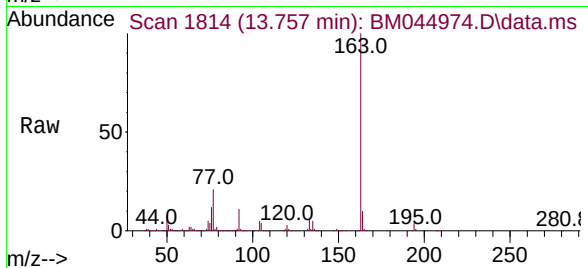
Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :



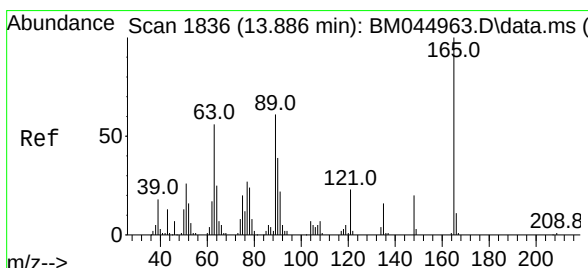
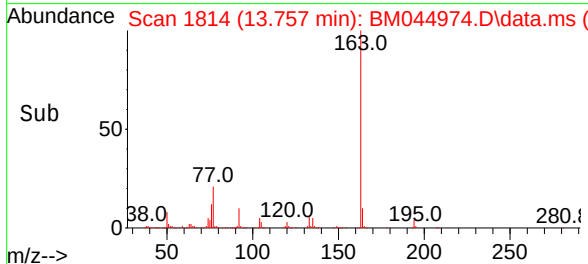
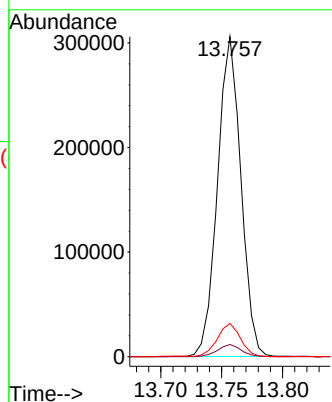
Tgt Ion:163 Resp: 408979

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

164 10.4 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 25.174 ng/ul

RT: 13.886 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

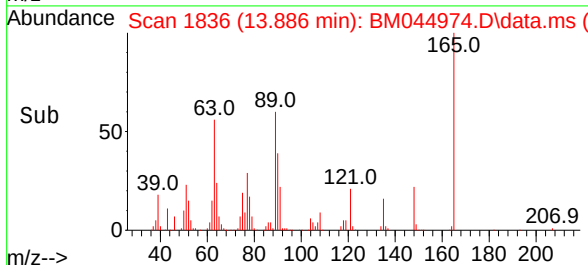
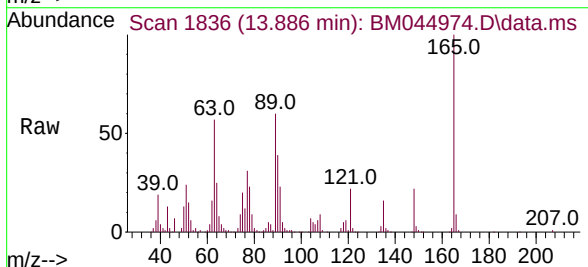
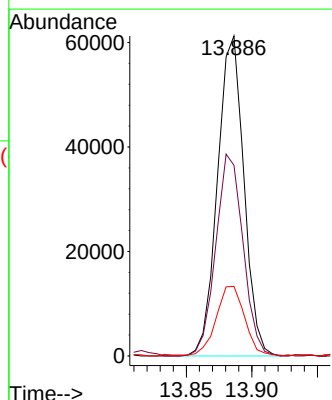
Tgt Ion:165 Resp: 85693

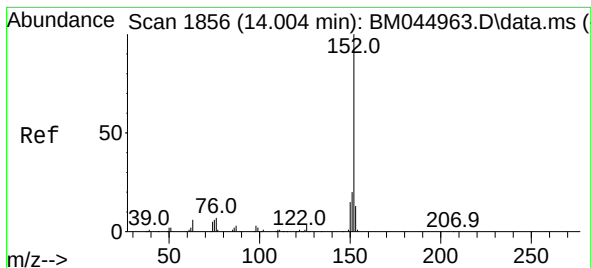
Ion Ratio Lower Upper

165 100

89 59.6 45.0 67.4

121 21.8 18.0 27.0





#50

Acenaphthylene

Concen: 23.706 ng/ul

RT: 14.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

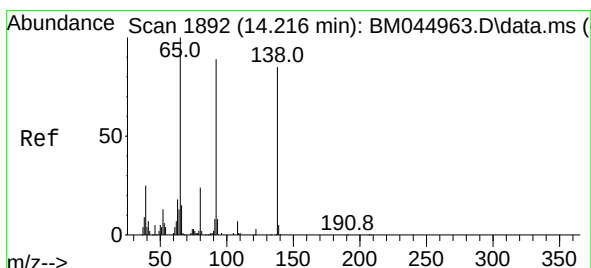
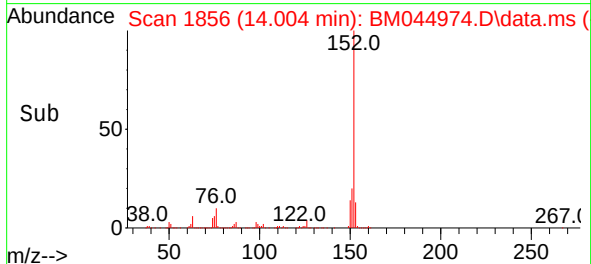
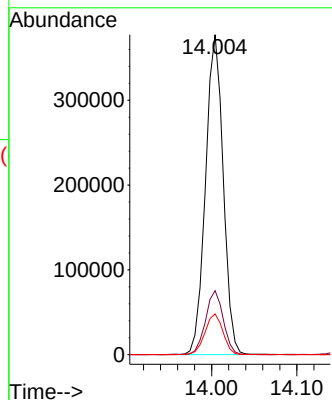
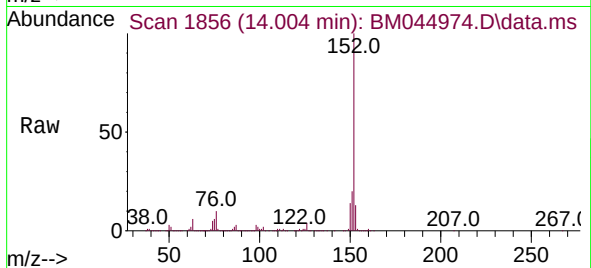
Tgt Ion:152 Resp: 543480

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 12.8 10.2 15.2



#51

3-Nitroaniline

Concen: 4.219 ng/ul

RT: 14.233 min Scan# 1895

Delta R.T. 0.018 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

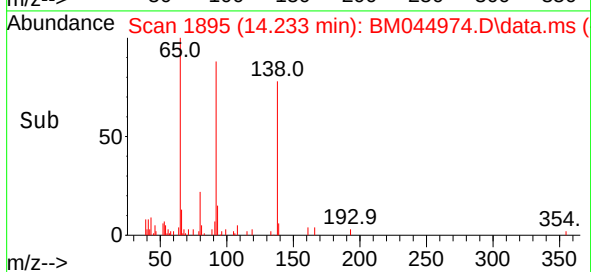
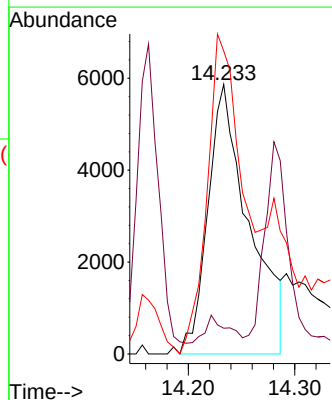
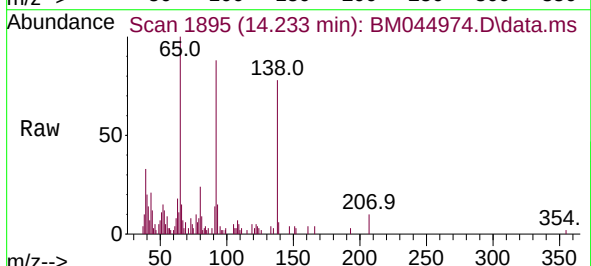
Tgt Ion:138 Resp: 15666

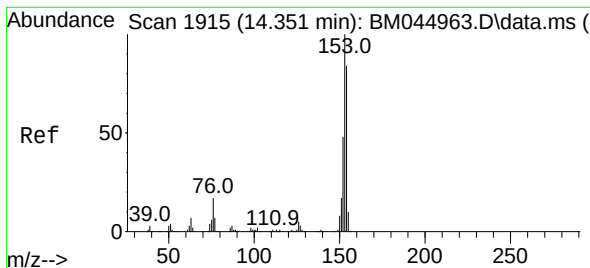
Ion Ratio Lower Upper

138 100

108 9.5 6.5 9.7

92 112.4 81.4 122.0





#52

Acenaphthene

Concen: 23.488 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

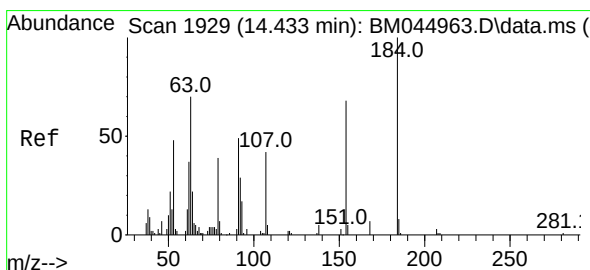
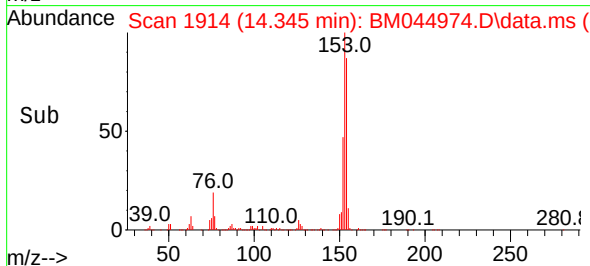
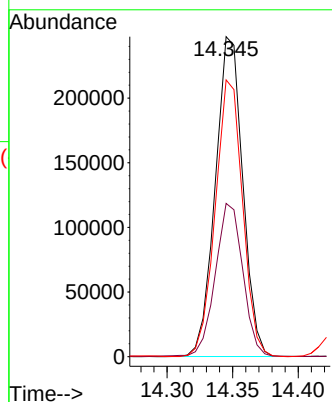
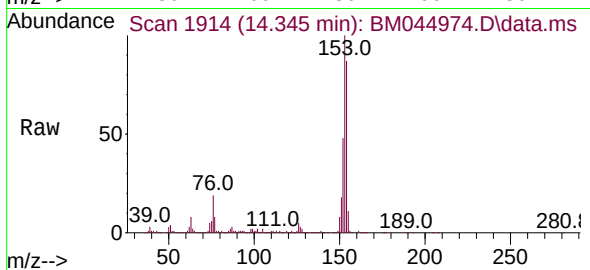
Tgt Ion:153 Resp: 359331

Ion Ratio Lower Upper

153 100

152 47.9 38.6 58.0

154 86.5 69.4 104.2



#53

2,4-Dinitrophenol

Concen: 23.462 ng/ul

RT: 14.427 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

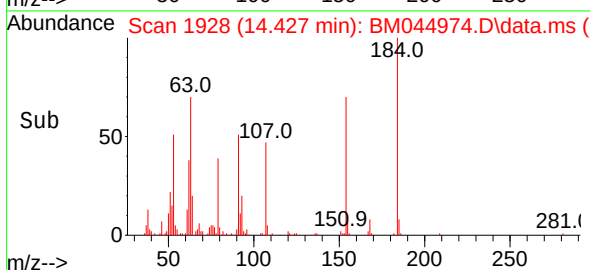
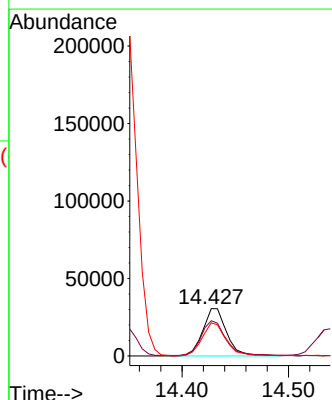
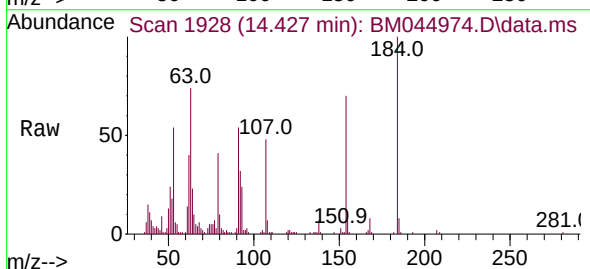
Tgt Ion:184 Resp: 47484

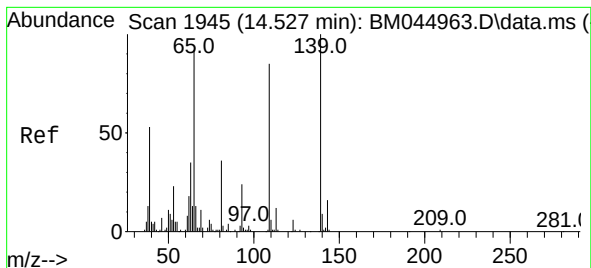
Ion Ratio Lower Upper

184 100

63 74.4 56.9 85.3

154 69.9 50.3 75.5

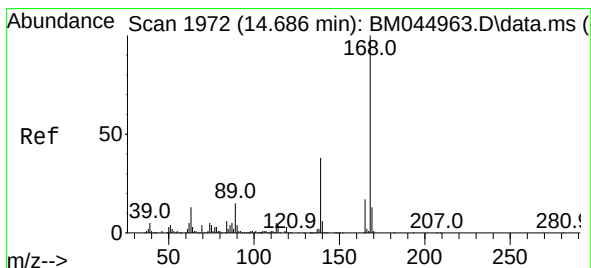
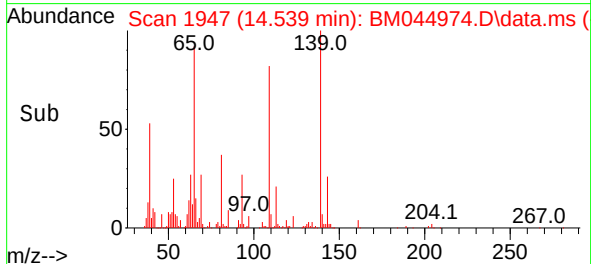
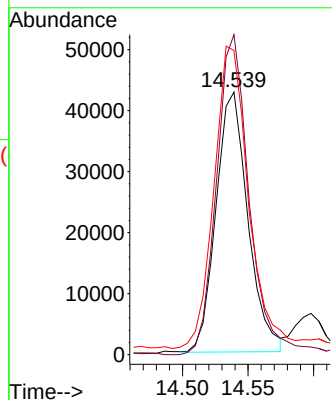
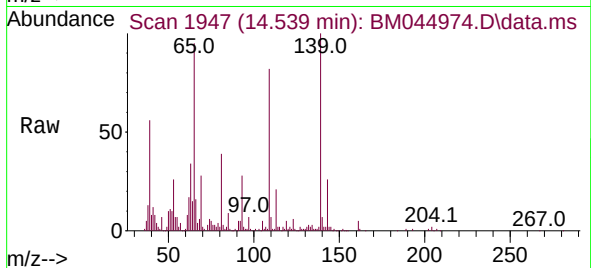




#55
4-Nitrophenol
Concen: 23.692 ng/ul
RT: 14.539 min Scan# 1945
Delta R.T. 0.012 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

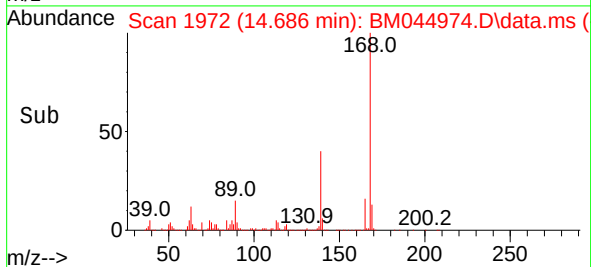
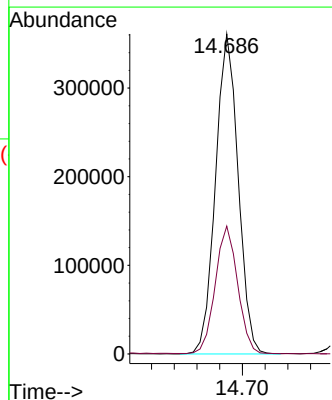
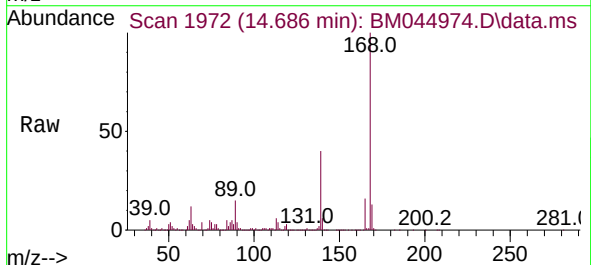
Instrument :
BNA_M
ClientSampleId :

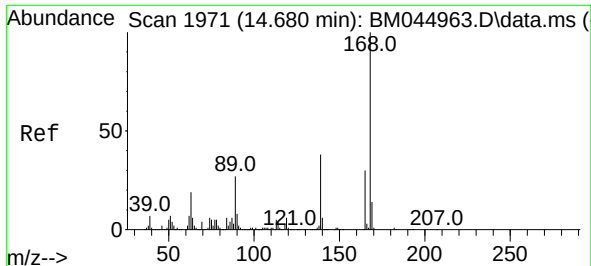
Tgt Ion:109 Resp: 72256
Ion Ratio Lower Upper
109 100
139 121.9 107.7 161.5
65 115.9 96.3 144.5



#56
Dibenzofuran
Concen: 23.890 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:168 Resp: 500113
Ion Ratio Lower Upper
168 100
139 40.0 30.6 46.0

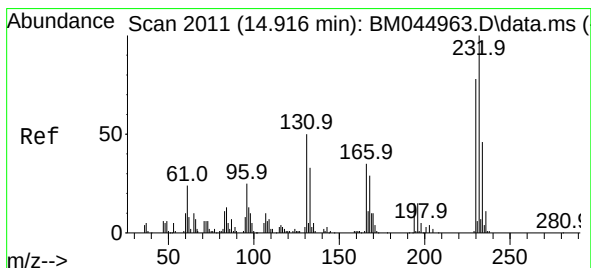
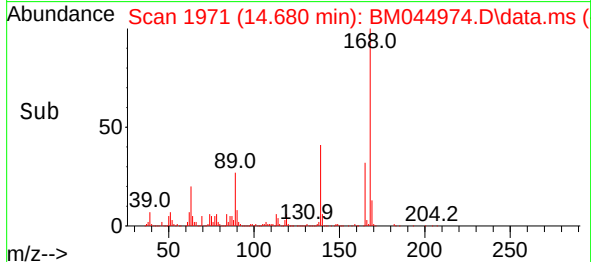
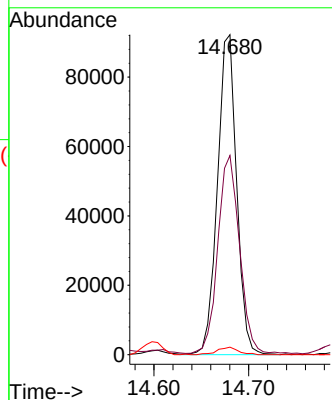
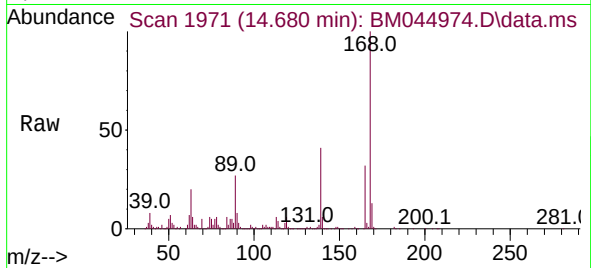




#57
2,4-Dinitrotoluene
Concen: 25.577 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

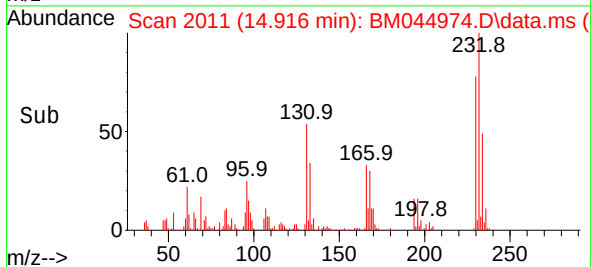
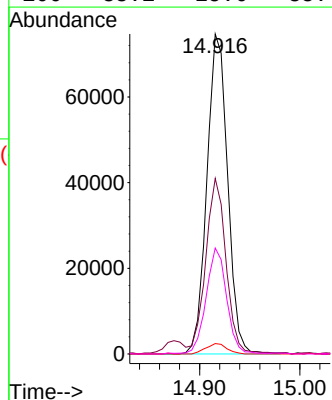
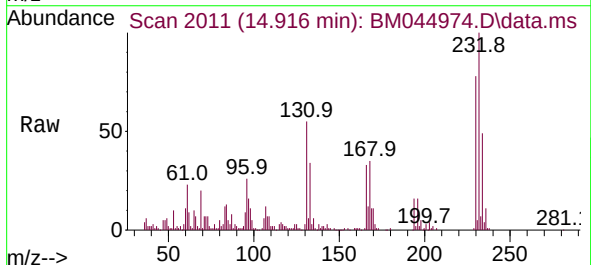
Instrument :
BNA_M
ClientSampleId :

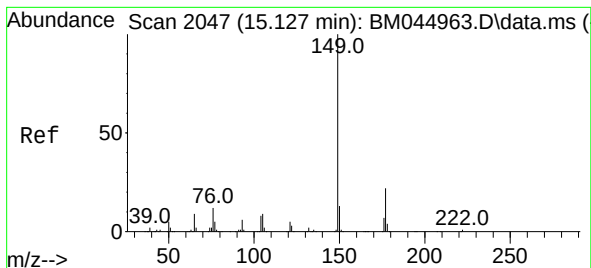
Tgt Ion:165 Resp: 130327
Ion Ratio Lower Upper
165 100
63 62.3 52.0 78.0
182 2.4 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 26.768 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:232 Resp: 107466
Ion Ratio Lower Upper
232 100
131 54.8 43.4 65.0
130 3.3 2.6 4.0
166 33.1 25.6 38.4





#59

Diethylphthalate

Concen: 25.465 ng/ul

RT: 15.127 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

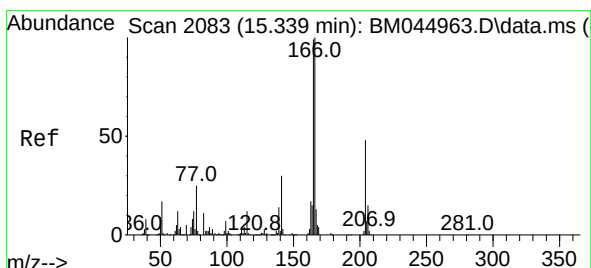
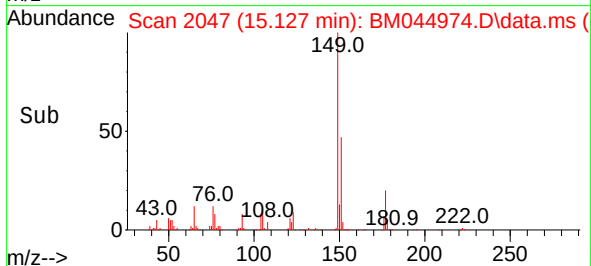
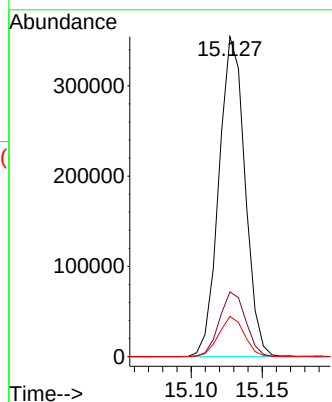
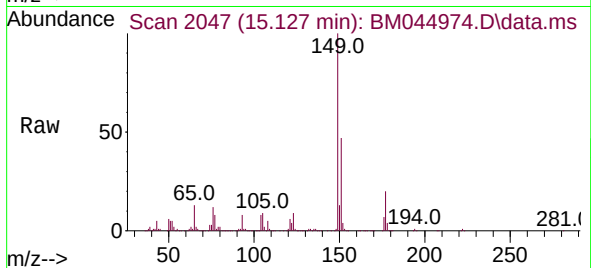
Tgt Ion:149 Resp: 451203

Ion Ratio Lower Upper

149 100

177 20.3 16.4 24.6

150 12.6 10.3 15.5



#61

Fluorene

Concen: 23.769 ng/ul

RT: 15.339 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

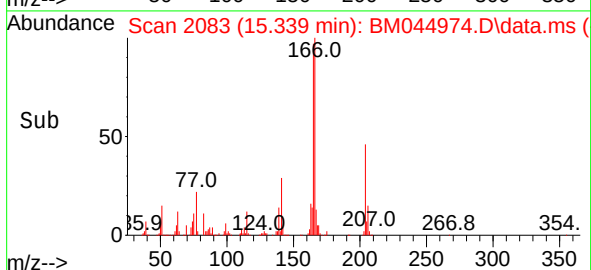
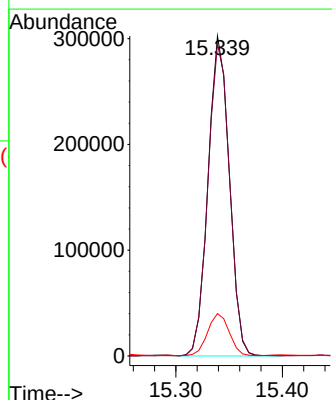
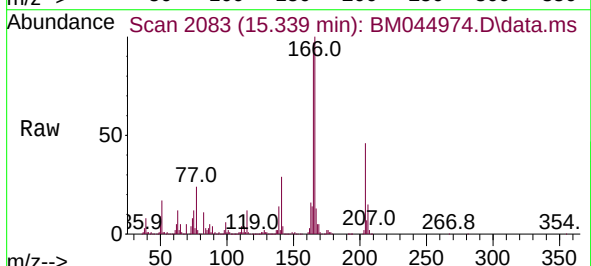
Tgt Ion:166 Resp: 419386

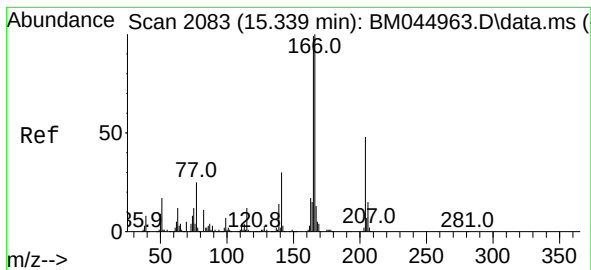
Ion Ratio Lower Upper

166 100

165 97.5 80.5 120.7

167 13.3 11.0 16.6

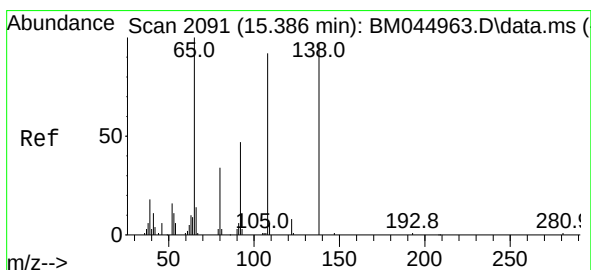
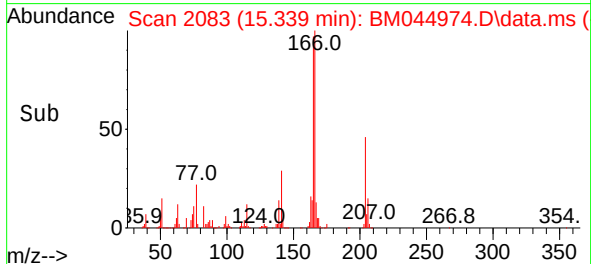
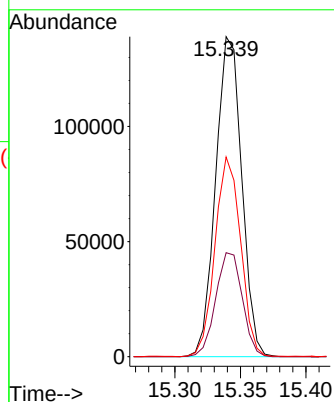
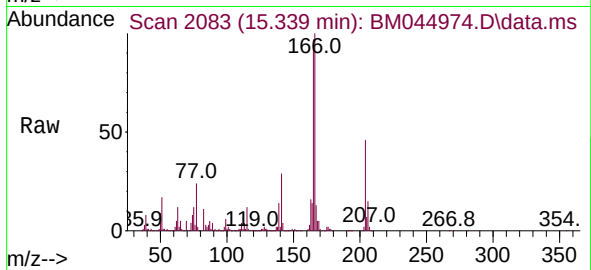




#62
4-Chlorophenyl-phenylether
Concen: 23.246 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

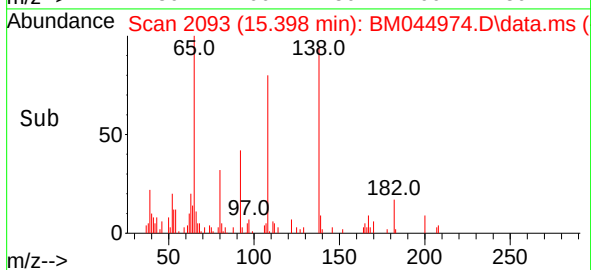
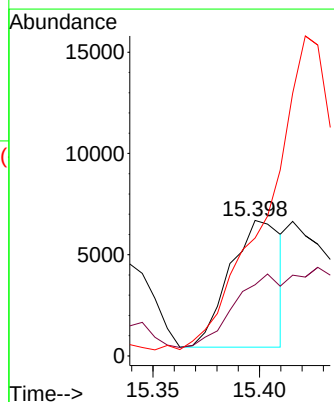
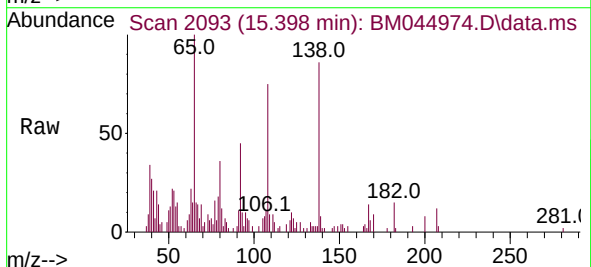
Instrument :
BNA_M
ClientSampleId :

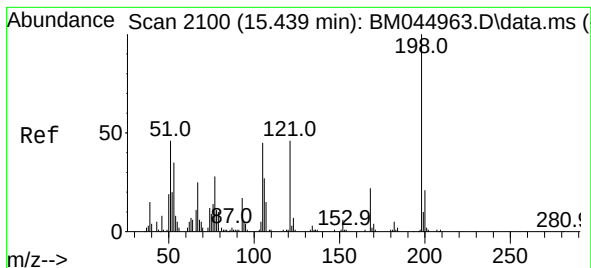
Tgt Ion:204 Resp: 192246
Ion Ratio Lower Upper
204 100
206 32.5 24.9 37.3
141 62.4 46.2 69.2



#63
4-Nitroaniline
Concen: 3.095 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:138 Resp: 10449
Ion Ratio Lower Upper
138 100
92 52.6 39.8 59.6
108 87.0 66.4 99.6

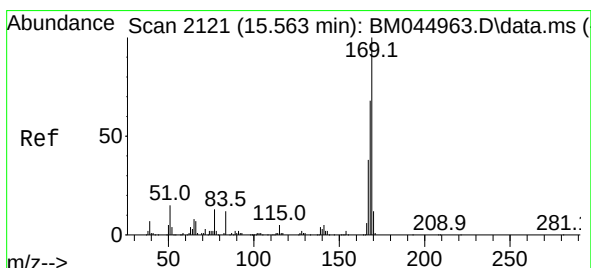
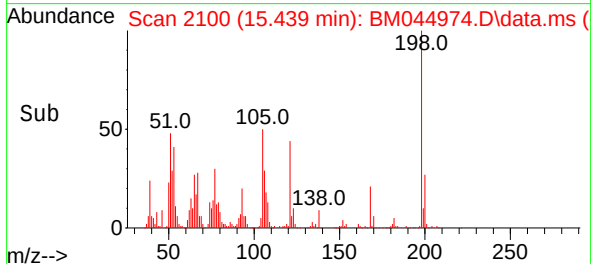
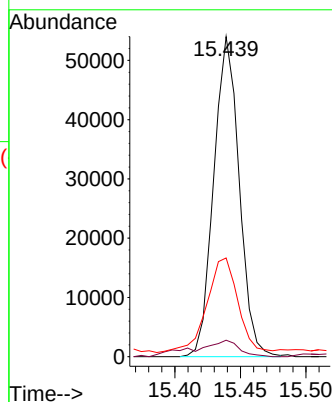
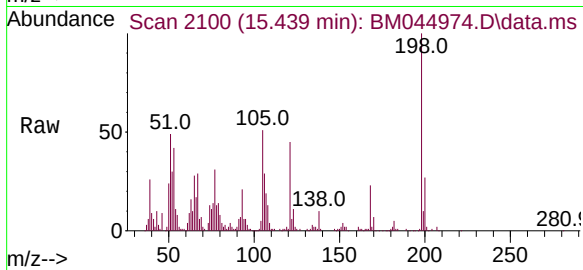




#66
4,6-Dinitro-2-methylphenol
Concen: 22.513 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

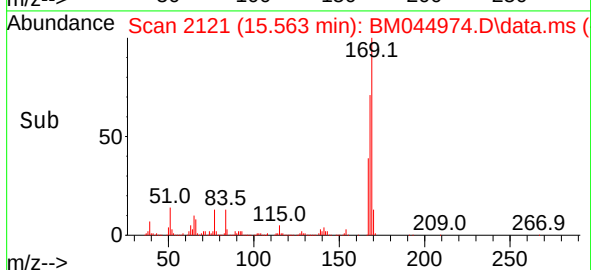
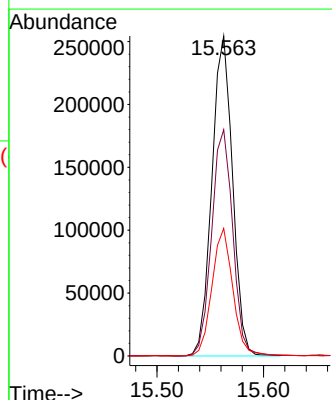
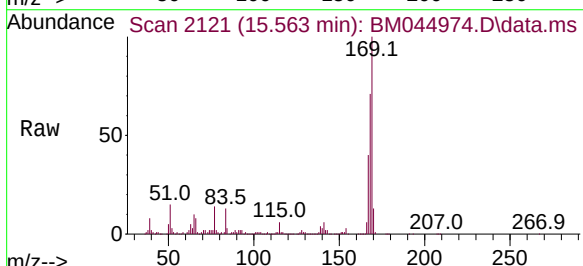
Instrument :
BNA_M
ClientSampleId :

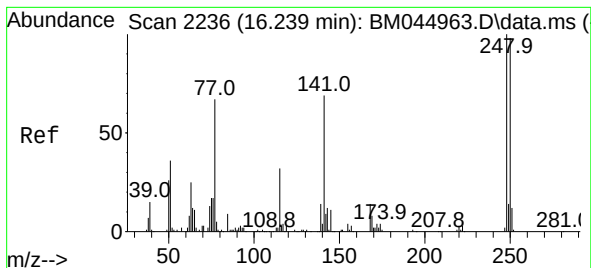
Tgt Ion:198 Resp: 72886
Ion Ratio Lower Upper
198 100
182 5.2 3.8 5.6
77 30.9 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 24.890 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

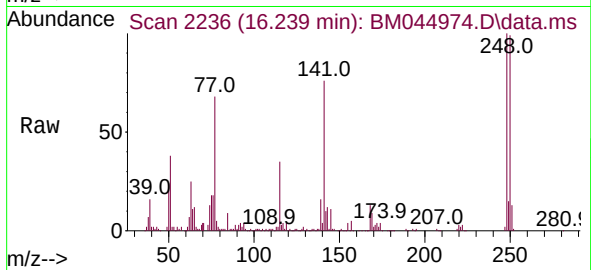
Tgt Ion:169 Resp: 342343
Ion Ratio Lower Upper
169 100
168 70.7 56.7 85.1
167 39.8 31.2 46.8



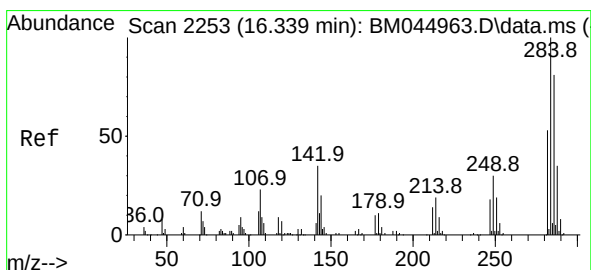
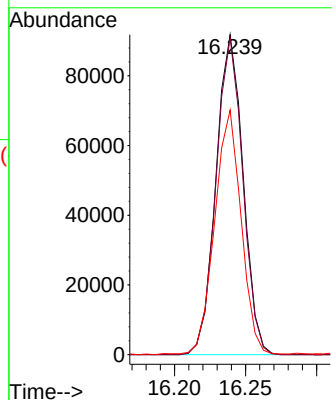
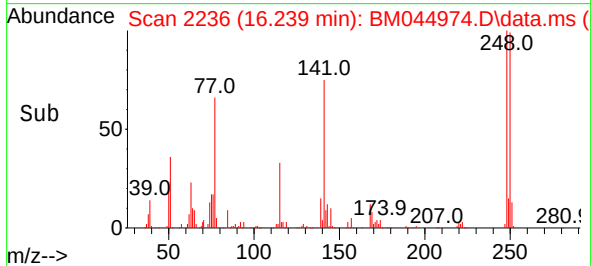


#68
4-Bromophenyl-phenylether
Concen: 24.546 ng/ul
RT: 16.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Instrument :
BNA_M
ClientSampleId :

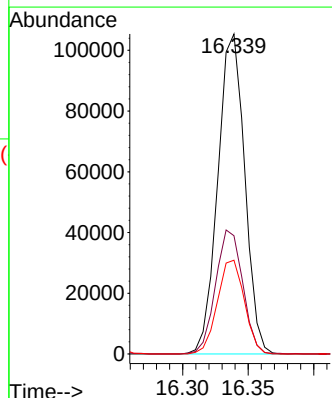
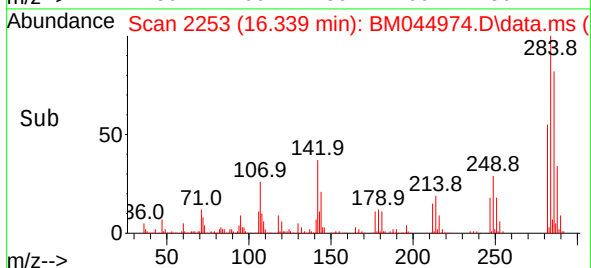
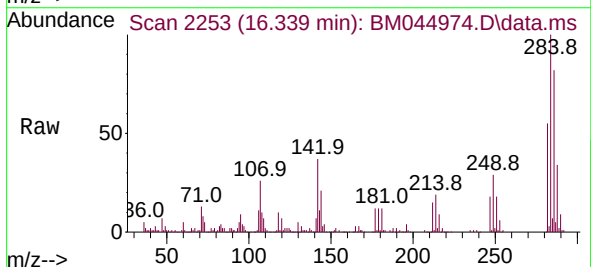


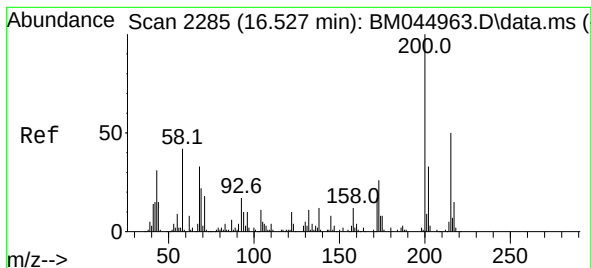
Tgt Ion:248 Resp: 121886
Ion Ratio Lower Upper
248 100
250 98.9 81.0 121.6
141 76.5 55.1 82.7



#69
Hexachlorobenzene
Concen: 23.263 ng/ul
RT: 16.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:284 Resp: 150267
Ion Ratio Lower Upper
284 100
142 37.0 27.3 40.9
249 29.3 23.6 35.4





#70

Atrazine

Concen: 24.826 ng/ul

RT: 16.533 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

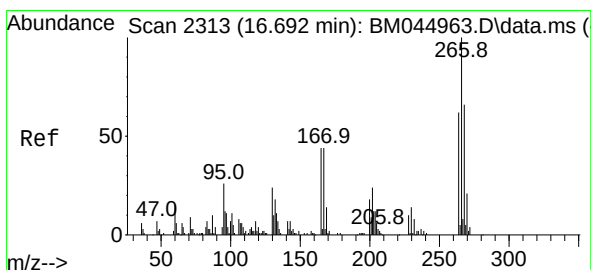
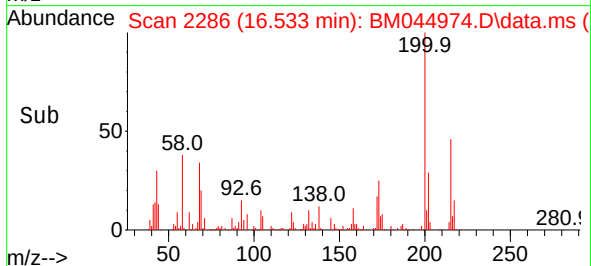
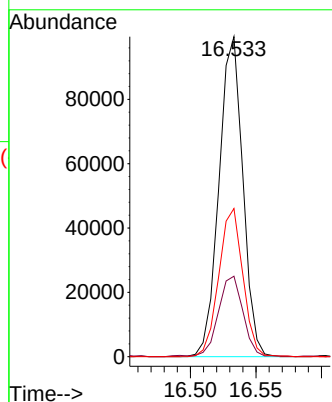
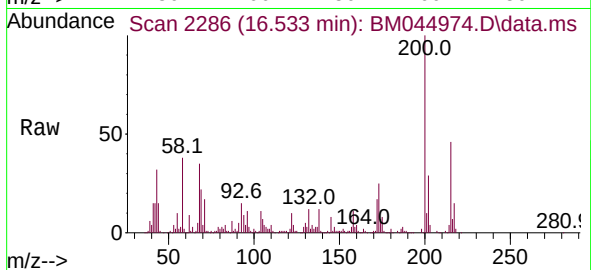
Tgt Ion:200 Resp: 125600

Ion Ratio Lower Upper

200 100

173 25.1 20.3 30.5

215 46.3 37.9 56.9



#71

Pentachlorophenol

Concen: 25.929 ng/ul

RT: 16.692 min Scan# 2313

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

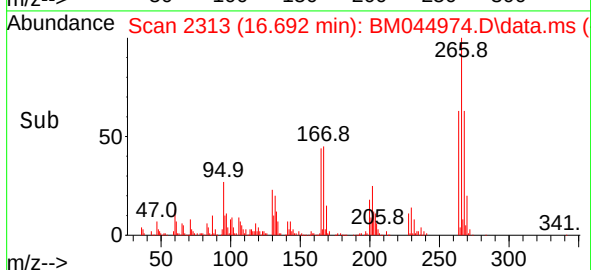
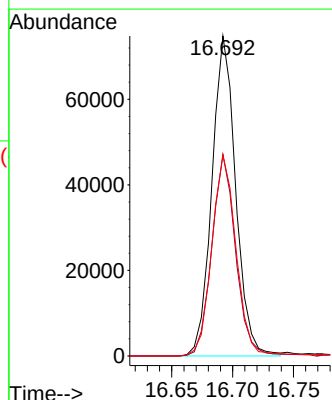
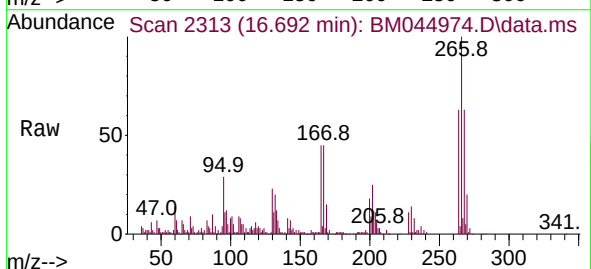
Tgt Ion:266 Resp: 101739

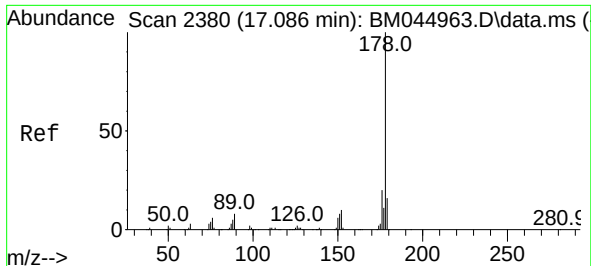
Ion Ratio Lower Upper

266 100

264 62.9 49.3 73.9

268 62.9 53.3 79.9

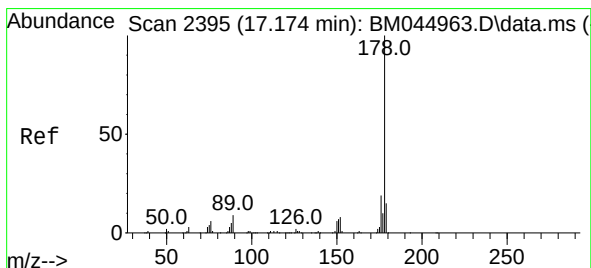
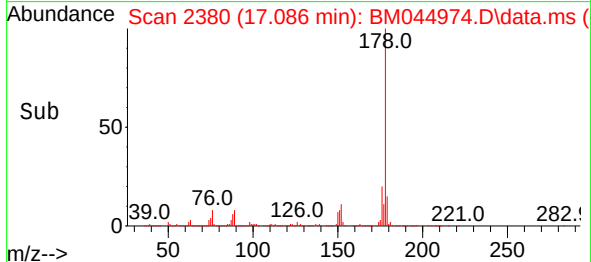
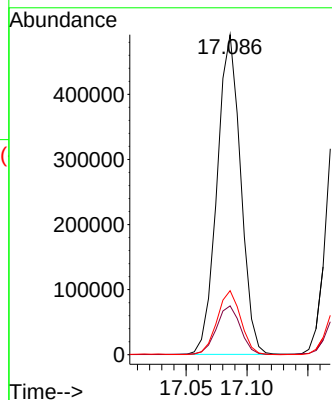
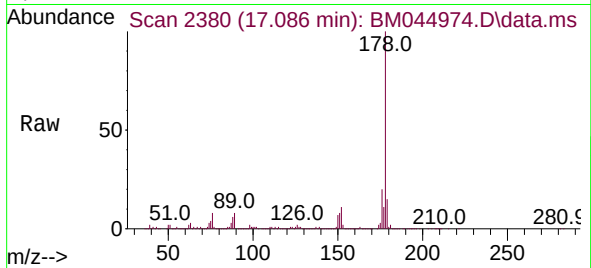




#72
Phenanthrene
Concen: 24.161 ng/ul
RT: 17.086 min Scan# 2380
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

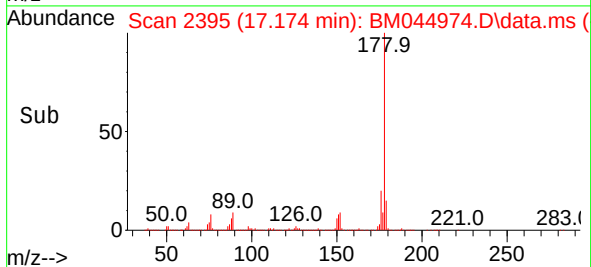
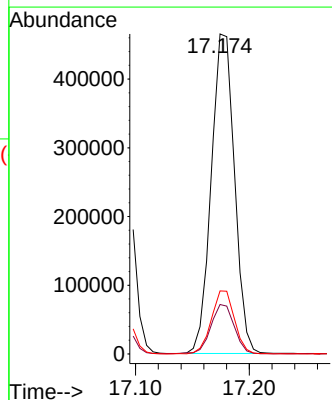
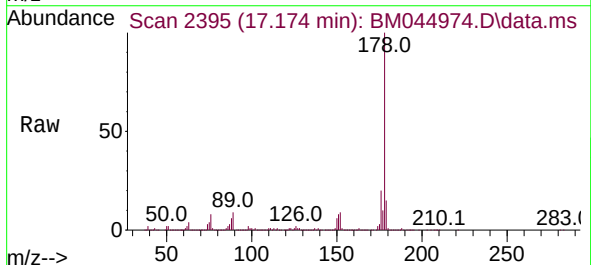
Instrument :
BNA_M
ClientSampleId :

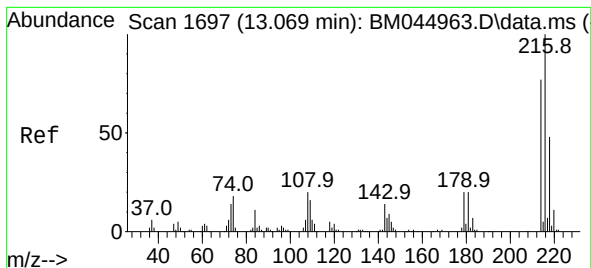
Tgt Ion:178 Resp: 662922
Ion Ratio Lower Upper
178 100
179 15.2 11.9 17.9
176 20.0 15.4 23.2



#74
Anthracene
Concen: 23.593 ng/ul
RT: 17.174 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:178 Resp: 662170
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.7 15.8 23.6

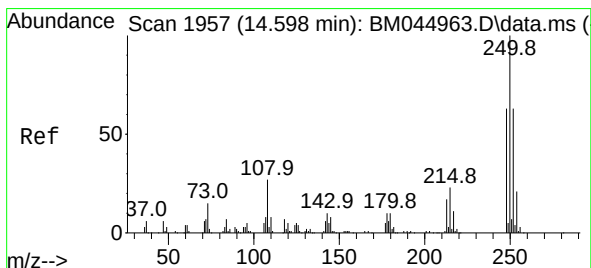
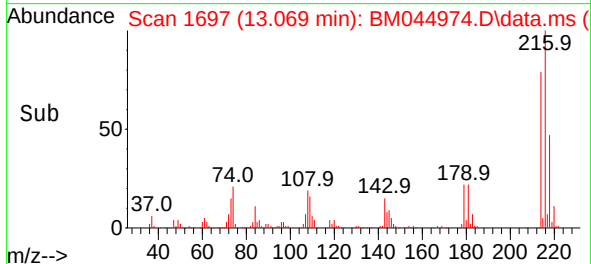
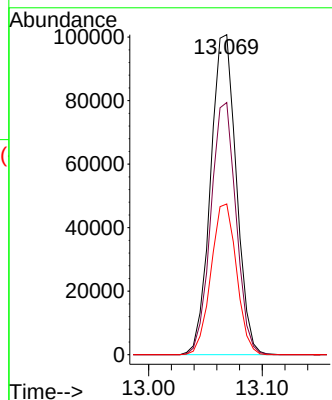
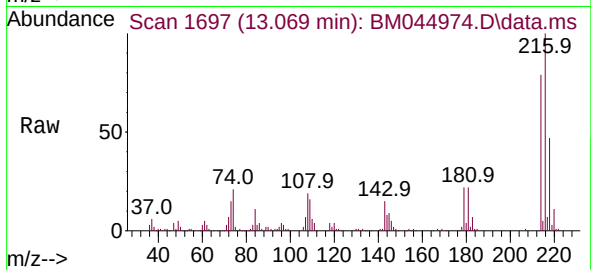




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.663 ng/uL
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

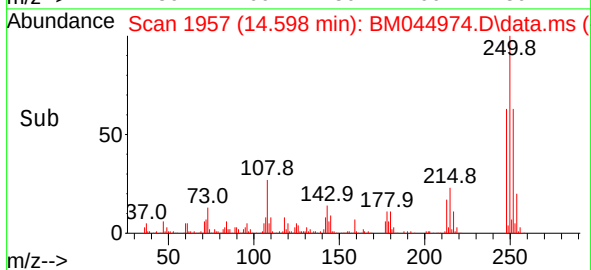
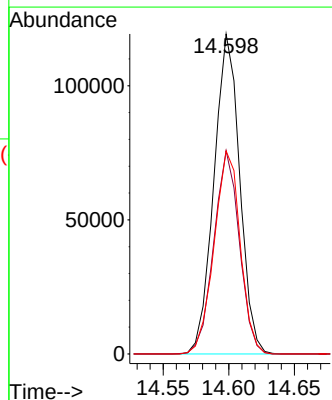
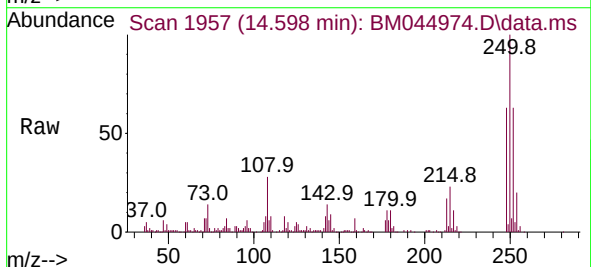
Instrument :
BNA_M
ClientSampleId :

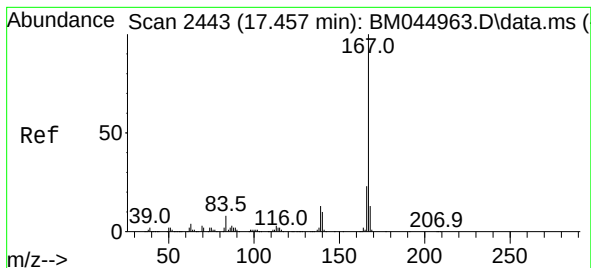
Tgt Ion:216 Resp: 158487
Ion Ratio Lower Upper
216 100
214 78.8 64.1 96.1
218 47.1 38.6 58.0



#76
Pentachlorobenzene
Concen: 23.821 ng/uL
RT: 14.598 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:250 Resp: 162870
Ion Ratio Lower Upper
250 100
248 63.5 49.8 74.6
252 63.4 49.4 74.2





#77

Carbazole

Concen: 23.352 ng/ul

RT: 17.457 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

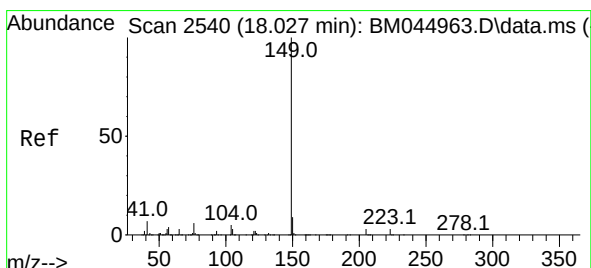
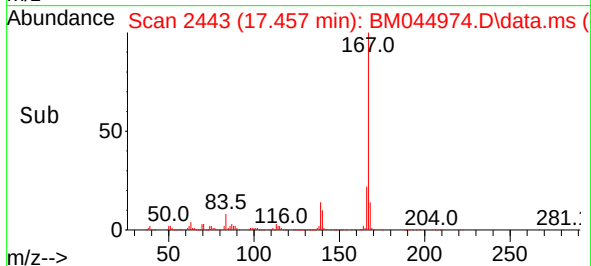
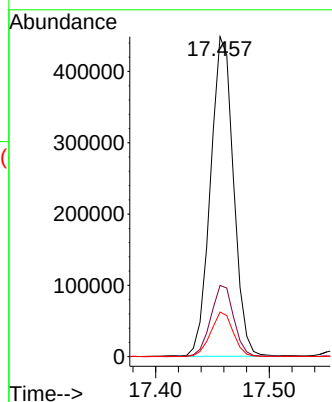
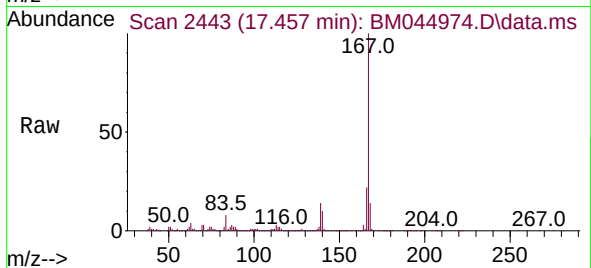
Tgt Ion:167 Resp: 631978

Ion Ratio Lower Upper

167 100

166 22.3 17.3 25.9

139 13.9 10.7 16.1



#78

Di-n-butylphthalate

Concen: 28.131 ng/ul

RT: 18.027 min Scan# 2540

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

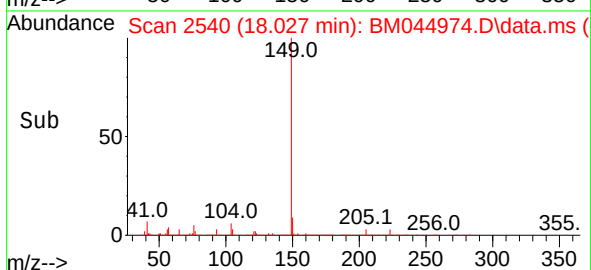
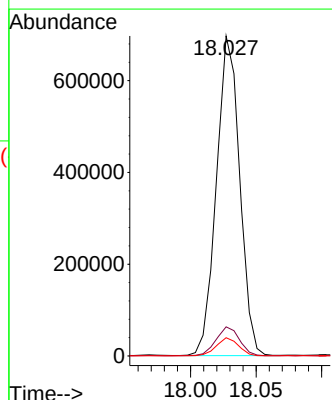
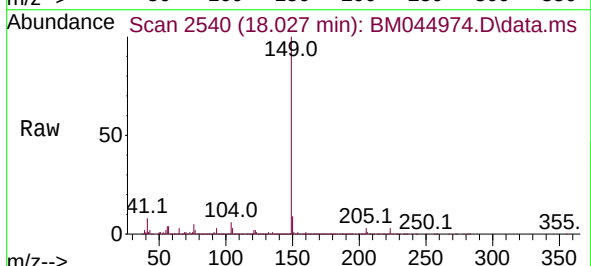
Tgt Ion:149 Resp: 858546

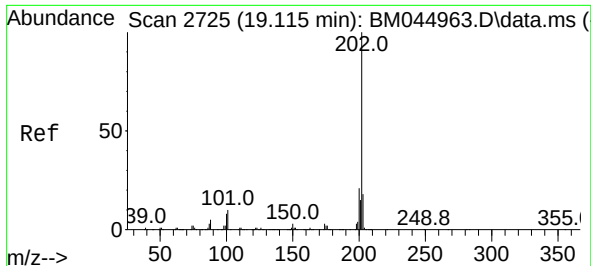
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

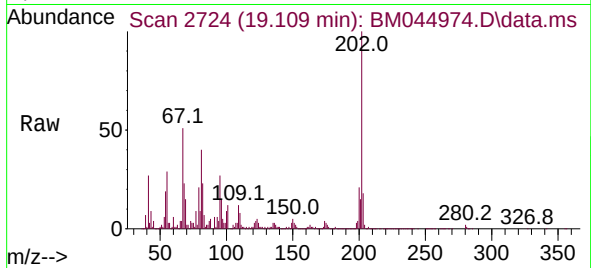
104 5.7 4.3 6.5



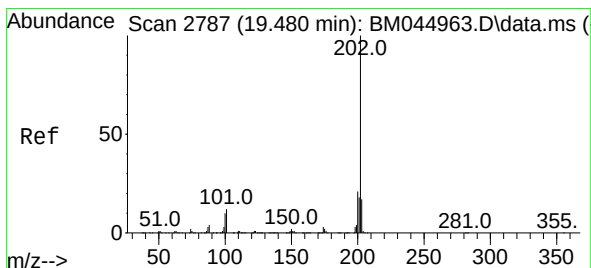
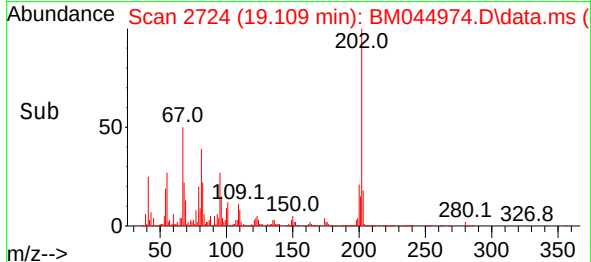
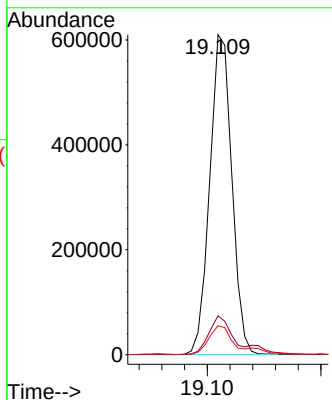


#80
Fluoranthene
Concen: 29.261 ng/ul
RT: 19.109 min Scan# 2725
Delta R.T. -0.006 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Instrument :
BNA_M
ClientSampleId :

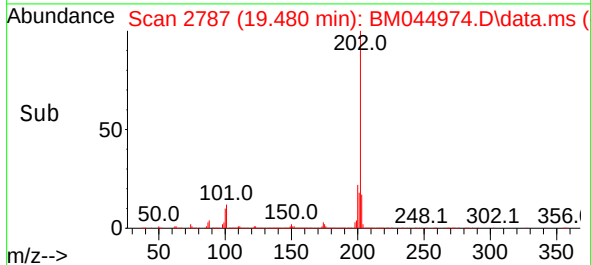
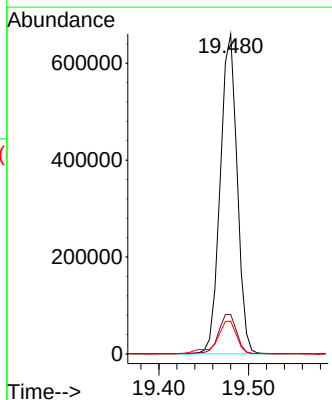
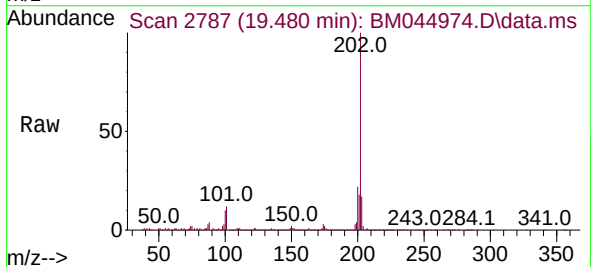


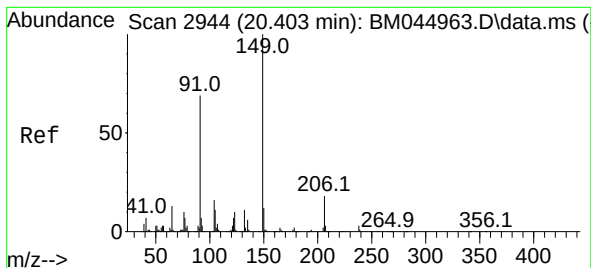
Tgt Ion:202 Resp: 824134
Ion Ratio Lower Upper
202 100
101 12.1 8.7 13.1
100 9.0 6.3 9.5



#82
Pyrene
Concen: 28.416 ng/ul
RT: 19.480 min Scan# 2787
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:202 Resp: 863665
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.4
100 10.3 8.5 12.7





#83

Butylbenzylphthalate

Concen: 33.865 ng/ul

RT: 20.403 min Scan# 2944

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

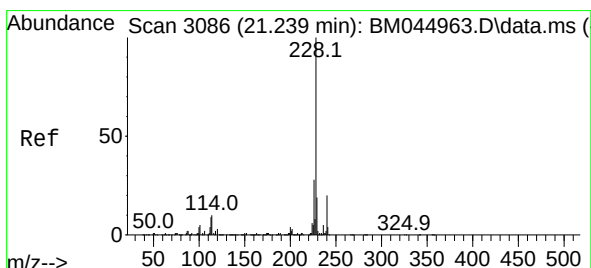
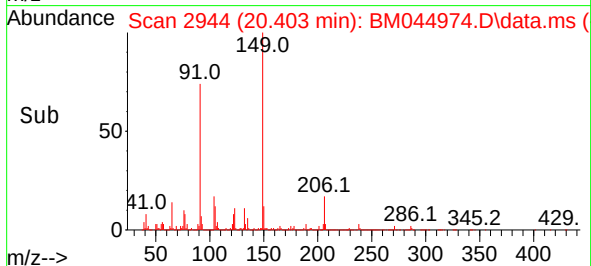
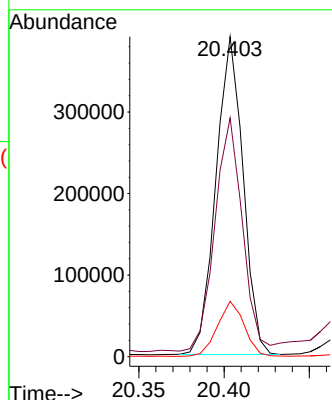
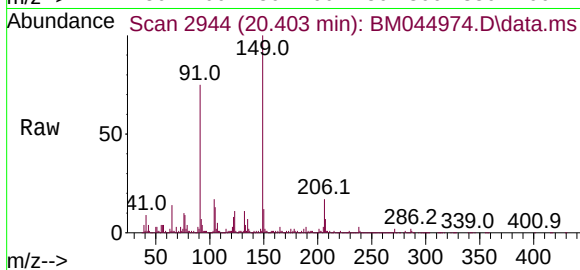
Tgt Ion:149 Resp: 431239

Ion Ratio Lower Upper

149 100

91 74.6 56.2 84.4

206 17.3 14.3 21.5



#85

Benzo(a)anthracene

Concen: 25.462 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

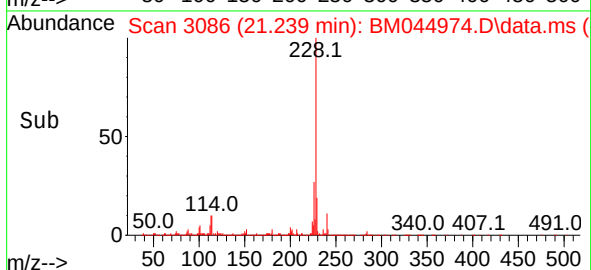
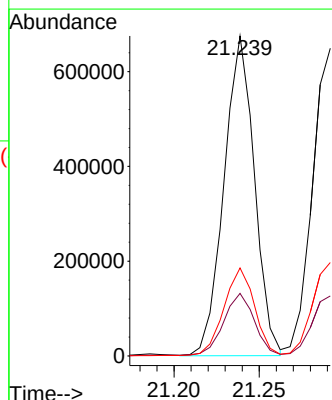
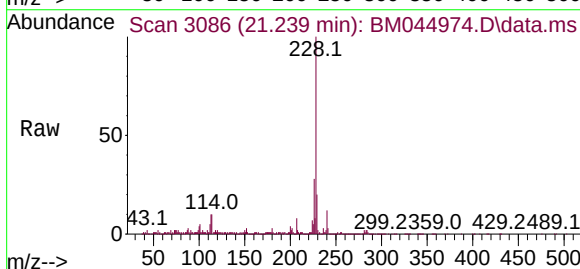
Tgt Ion:228 Resp: 837837

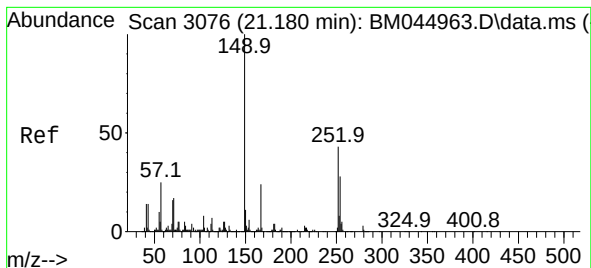
Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 27.5 21.8 32.6

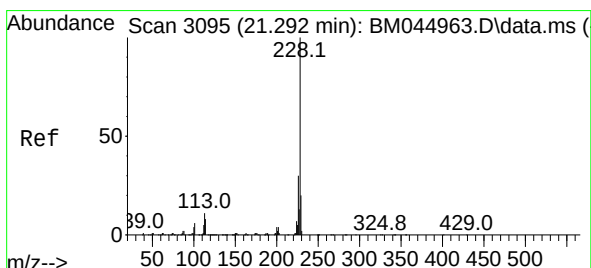
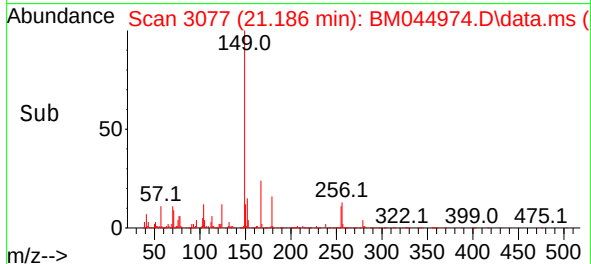
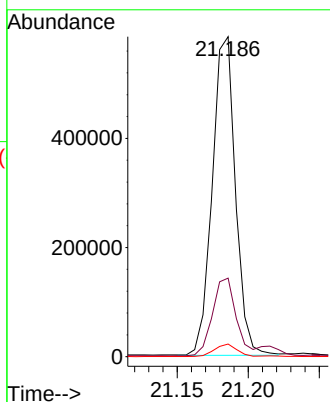
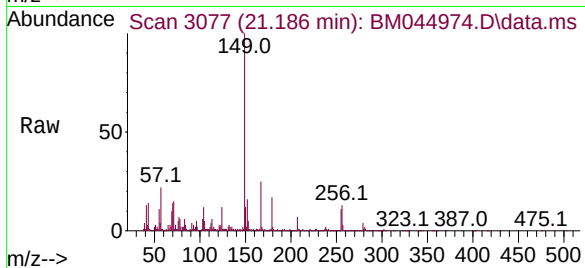




#86
Bis(2-ethylhexyl)phthalate
Concen: 33.266 ng/ul
RT: 21.186 min Scan# 3076
Delta R.T. 0.006 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

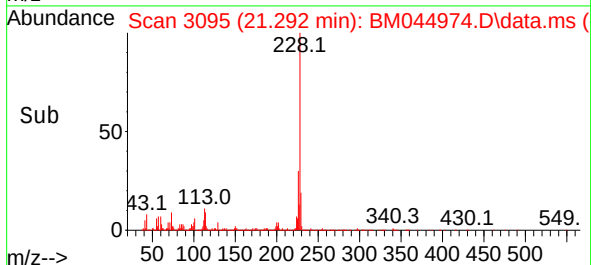
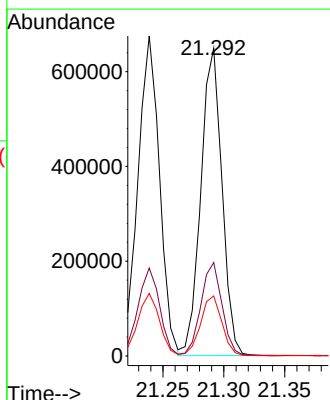
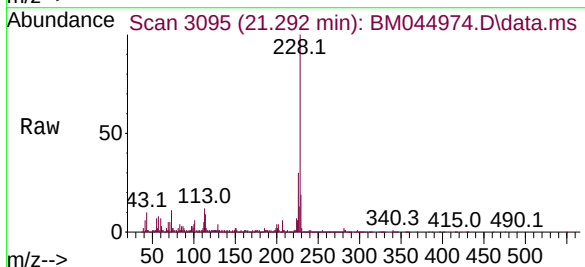
Instrument :
BNA_M
ClientSampleId :

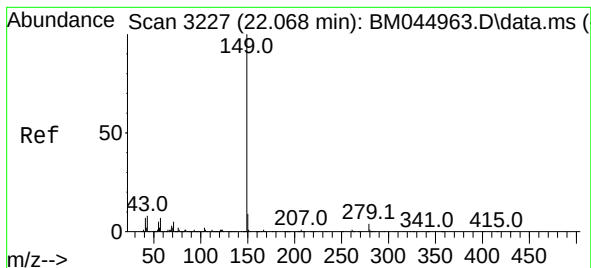
Tgt Ion:149 Resp: 662158
Ion Ratio Lower Upper
149 100
167 24.6 19.7 29.5
279 4.0 3.3 4.9



#87
Chrysene
Concen: 25.589 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BM044974.D
Acq: 06 Apr 2024 17:16

Tgt Ion:228 Resp: 784953
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.5 15.7 23.5





#89

Di-n-octyl phthalate

Concen: 30.725 ng/ul

RT: 22.068 min Scan# 331

Delta R.T. 0.000 min

Lab File: BM044974.D

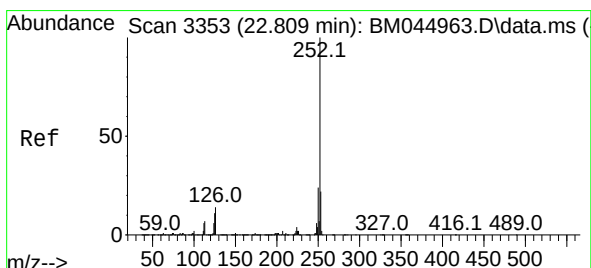
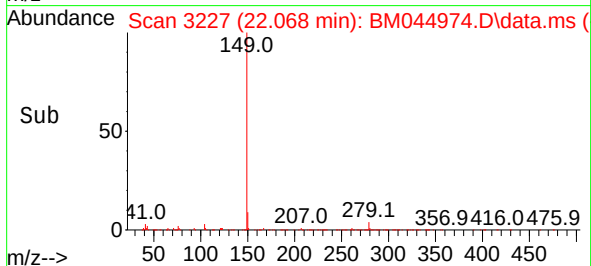
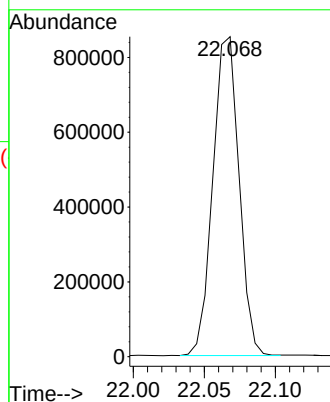
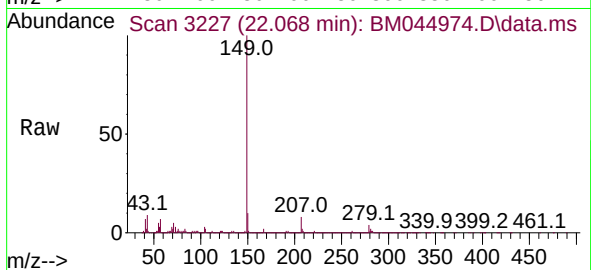
Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 1091882



#90

Benzo(b)fluoranthene

Concen: 26.050 ng/ul

RT: 22.815 min Scan# 3354

Delta R.T. 0.006 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

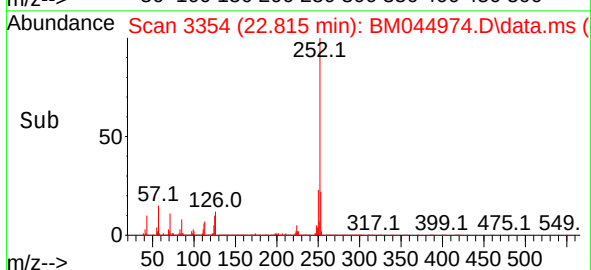
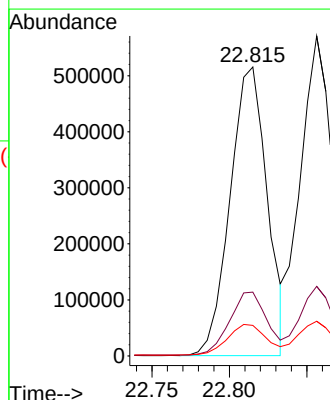
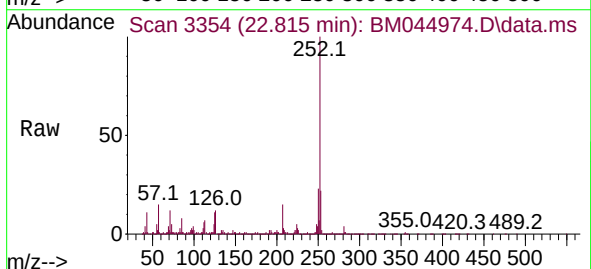
Tgt Ion:252 Resp: 857553

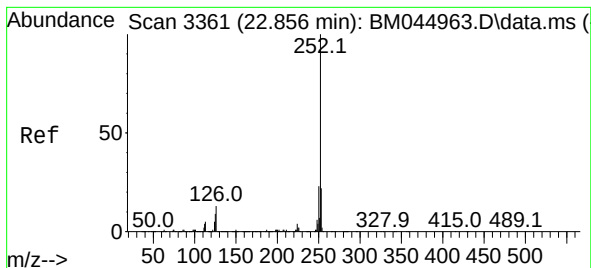
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.6 8.2 12.4





#91

Benzo(k)fluoranthene

Concen: 25.511 ng/ul

RT: 22.856 min Scan# 341

Delta R.T. 0.000 min

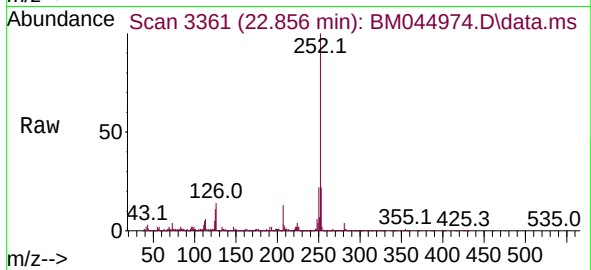
Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :



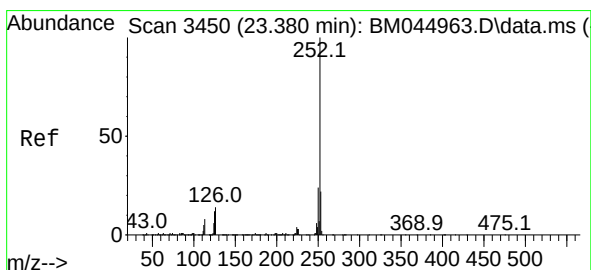
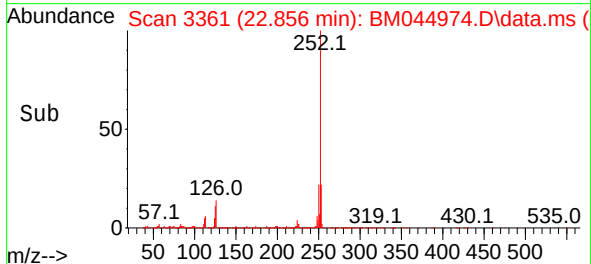
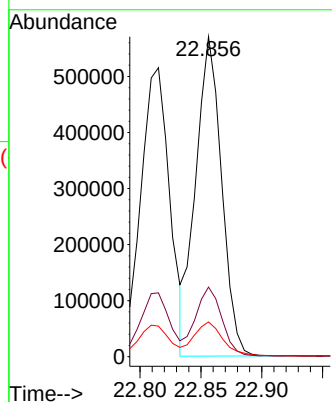
Tgt Ion:252 Resp: 845294

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.8 8.5 12.7



#93

Benzo(a)pyrene

Concen: 22.390 ng/ul

RT: 23.380 min Scan# 3450

Delta R.T. 0.000 min

Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

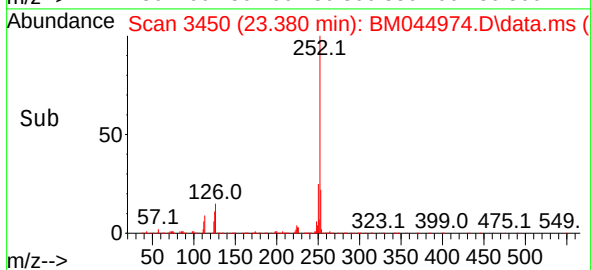
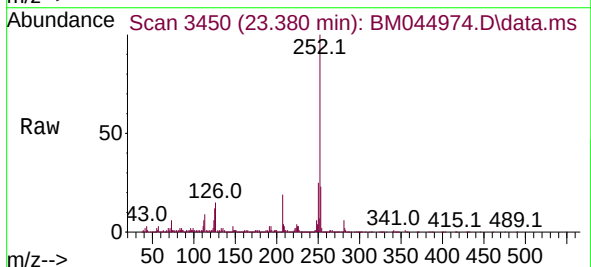
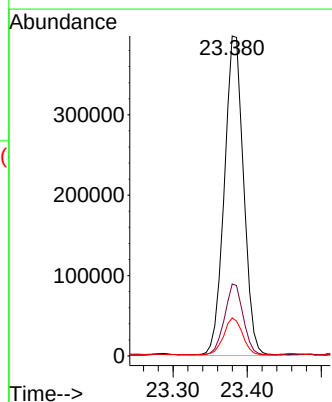
Tgt Ion:252 Resp: 717357

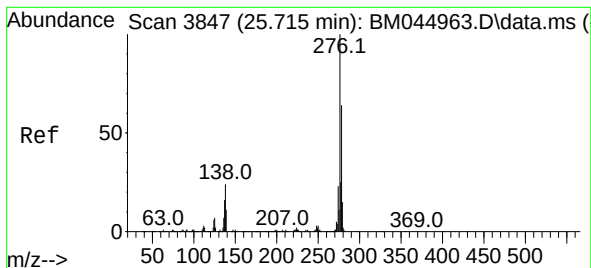
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.9 8.8 13.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 24.871 ng/ul

RT: 25.721 min Scan# 3848

Delta R.T. 0.006 min

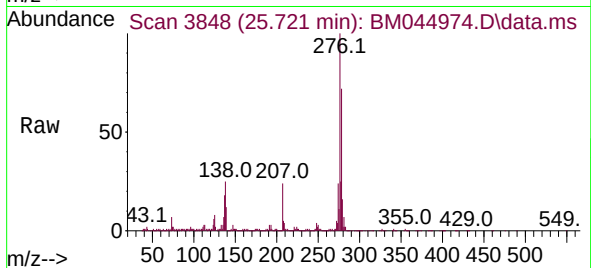
Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

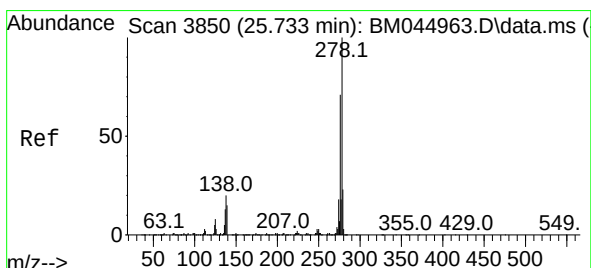
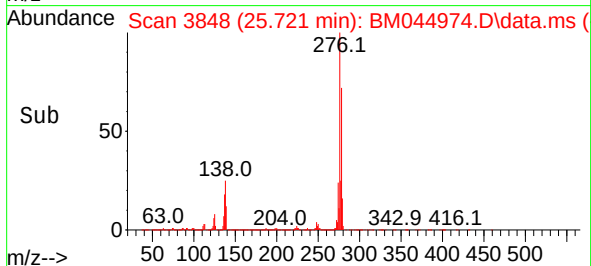
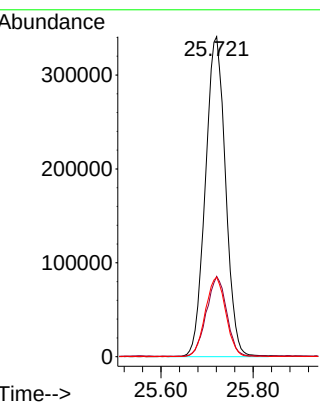
BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 1032191

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.0	28.6
277	24.8	19.9	29.9



#95

Dibenzo(a,h)anthracene

Concen: 24.244 ng/ul

RT: 25.733 min Scan# 3850

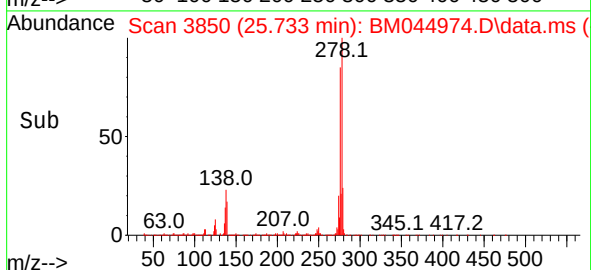
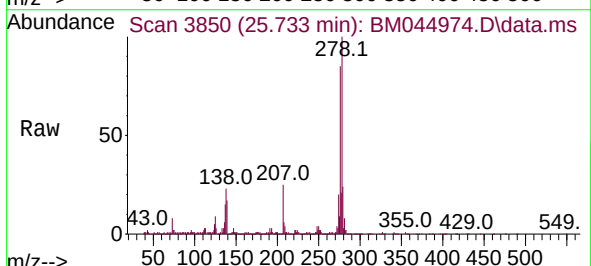
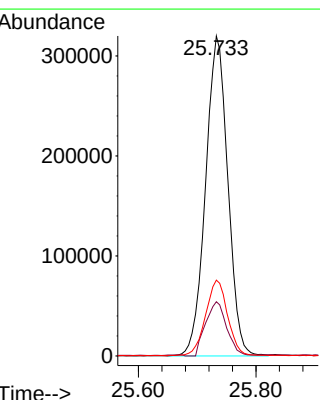
Delta R.T. 0.000 min

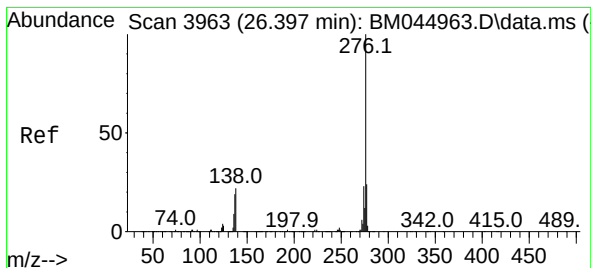
Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Tgt Ion:278 Resp: 841240

Ion	Ratio	Lower	Upper
278	100		
139	17.0	11.9	17.9
279	23.7	19.4	29.2





#96

Benzo(g,h,i)perylene

Concen: 14.301 ng/ul

RT: 26.397 min Scan# 3963

Delta R.T. 0.000 min

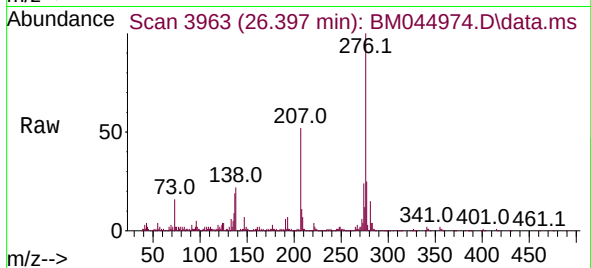
Lab File: BM044974.D

Acq: 06 Apr 2024 17:16

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 468235

Ion Ratio Lower Upper

276 100

138 22.1 17.8 26.6

277 24.8 18.7 28.1

